

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090618\
 Data File : PQ031705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Sep 2018 20:04
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 03:25:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.603	3.880	85370197	67991273	58.504	59.672
2)	SA Decachlor...	10.460	8.962	84696299	75700584	39.499	36.122
Target Compounds							
3)	L1 AR-1016-1	5.316	4.563	20580059	17320515	526.991	539.876
4)	L1 AR-1016-2	5.512	4.980	20988559	25843261	523.267	515.365
5)	L1 AR-1016-3	5.780	4.999	30082891	37011316	489.655	513.579
6)	L1 AR-1016-4	5.866	5.056	27430542	23626192	508.352	531.297
7)	L1 AR-1016-5	6.260	5.434	23341668	19818122	513.508	494.151
8)	L2 AR-1221-1	4.810	4.095	2686797	2061519	153.493	149.016
9)	L2 AR-1221-2	4.901	4.184	3709875	2957957	283.837	271.612
10)	L2 AR-1221-3	4.978	4.261	14694729	11576205	342.118	333.552
11)	L3 AR-1232-1	5.803	4.759	45553962	18274383	1505.596	1448.753
12)	L3 AR-1232-2	5.966	4.873	22102749	5116518	1425.644	1427.014
13)	L3 AR-1232-3	6.138	5.260	7357601	19379329	1796.900	1572.064
14)	L3 AR-1232-4	6.470	5.584	5940247	22978864	1337.620	1522.279
15)	L3 AR-1232-5	7.334	0.000	2181279	0	820.409	N.D. #
16)	L4 AR-1242-1	5.346	4.584	12224139	9693928	668.567	693.028
17)	L4 AR-1242-2	6.100	5.178	20529483	19853618	666.995	691.866
18)	L4 AR-1242-3	6.301	5.292	10032584	6447202	622.293	670.970
19)	L4 AR-1242-4	6.346	5.657	7335172	5509897	540.075	626.450
20)	L4 AR-1242-5	6.402	6.030	24578631	2522029	626.773	110.257 #
21)	L5 AR-1248-1	6.054	5.216	19044317	15657315	335.750	331.624
22)	L5 AR-1248-2	6.638	5.787	22311229	22141647	375.618	237.550 #
23)	L5 AR-1248-3	6.664	5.828	7854444	5558301	98.591	86.958
24)	L5 AR-1248-4	6.704	6.030	6759240	2522029	88.808	43.822 #
25)	L5 AR-1248-5	6.855	6.354	18681784	37639169	365.174	814.979 #
26)	L6 AR-1254-1	6.855	5.933	18681784	16193577	128.792	162.222 #
27)	L6 AR-1254-2	7.139	6.251	3196394	3026196	35.549	34.511
28)	L6 AR-1254-3	7.225	6.568	9268661	2823890	56.554	24.440 #
29)	L6 AR-1254-4	7.510	6.894	6270358	5265573	51.277	63.413
30)	L6 AR-1254-5	7.773	6.986	24236014	62587708	255.400	376.442 #
31)	L7 AR-1260-1	7.388	6.470	46638662	45479563	424.474	450.282
32)	L7 AR-1260-2	7.643	6.656	57665497	56544074	435.244	437.675
33)	L7 AR-1260-3	7.929	6.813	66353784	52360136	420.480	435.432
34)	L7 AR-1260-4	8.236	7.286	46709152	42180287	399.426	407.907
35)	L7 AR-1260-5	8.567	7.524	95936748	102.0E6	403.899	400.613
36)	L8 AR-1262-1	7.282	6.354	25821420	37639169	448.299	750.066 #
37)	L8 AR-1262-2	8.061	7.077	20837123	21764723	389.755	399.917
38)	L8 AR-1262-3	8.321	7.384	22286992	22069968	364.332	355.879
39)	L8 AR-1262-4	8.967	7.809	35157692	20164929	274.628	192.535 #
40)	L8 AR-1262-5	9.674	8.381	24767483	22919490	256.894	242.242
41)	L9 AR-1268-1	8.003	7.023	40435859	44269204	761.754	822.132

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090618\
Data File : PQ031705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Sep 2018 20:04
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

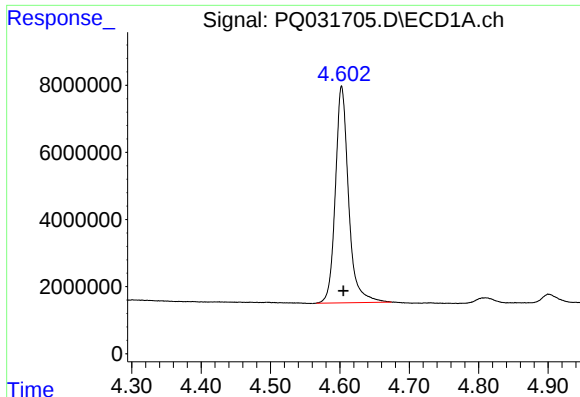
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 07 03:25:24 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 31 04:27:04 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.236	7.874	46709152	71469630	669.239	236.433 #
43)	L9 AR-1268-3	8.911	8.082	60239310	1631661	184.845	6.522 #
44)	L9 AR-1268-4	9.228	8.176	2075201	1518217	8.298	22.566 #
45)	L9 AR-1268-5	10.107	8.690	7008640	6100554	8.196	7.245

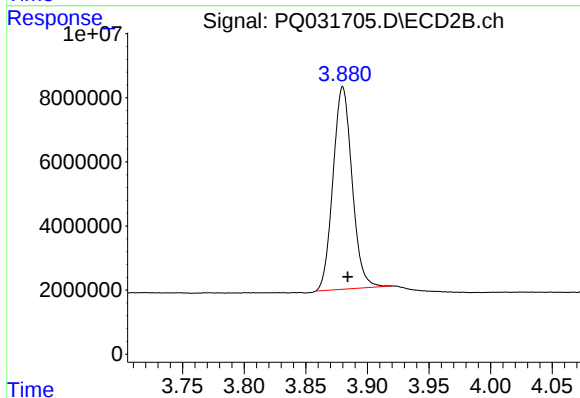
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

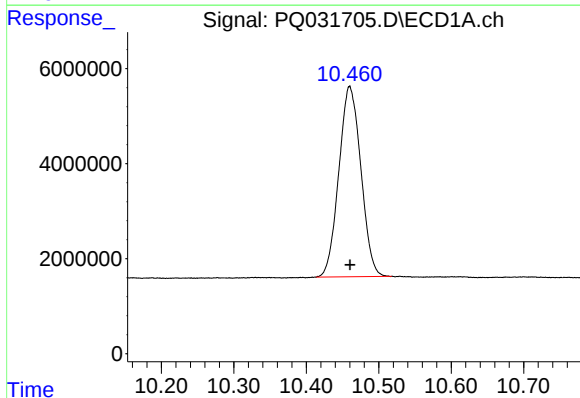
R.T.: 4.603 min
Delta R.T.: -0.002 min
Response: 85370197
Conc: 58.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



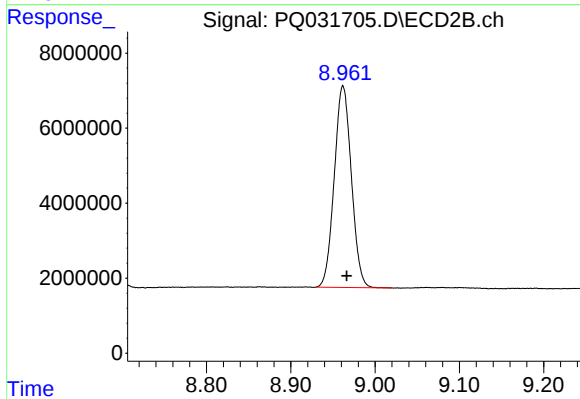
#1 Tetrachloro-m-xylene

R.T.: 3.880 min
Delta R.T.: -0.004 min
Response: 67991273
Conc: 59.67 ng/ml



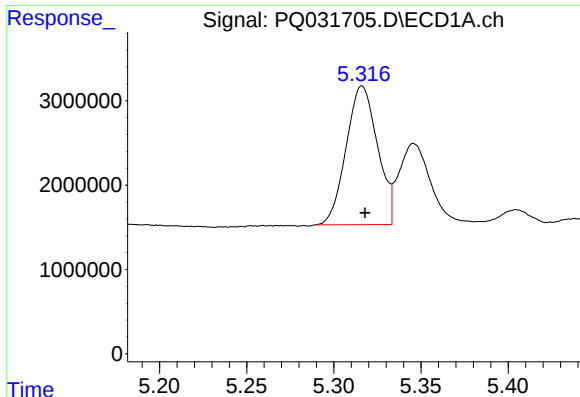
#2 Decachlorobiphenyl

R.T.: 10.460 min
Delta R.T.: 0.000 min
Response: 84696299
Conc: 39.50 ng/ml



#2 Decachlorobiphenyl

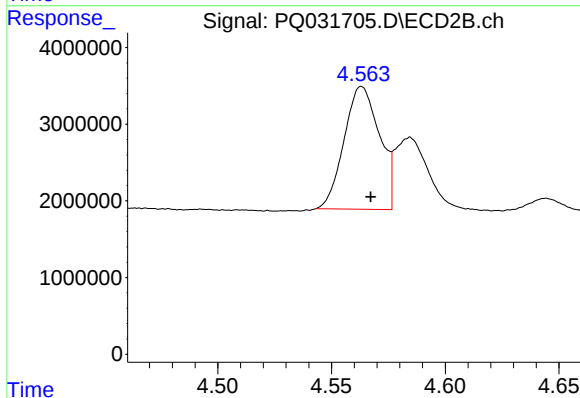
R.T.: 8.962 min
Delta R.T.: -0.004 min
Response: 75700584
Conc: 36.12 ng/ml



#3 AR-1016-1

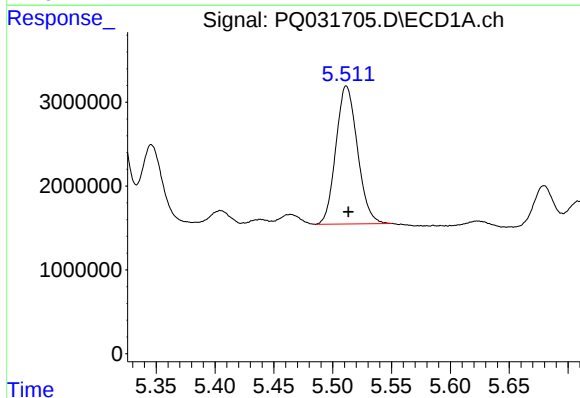
R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 20580059
Conc: 526.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



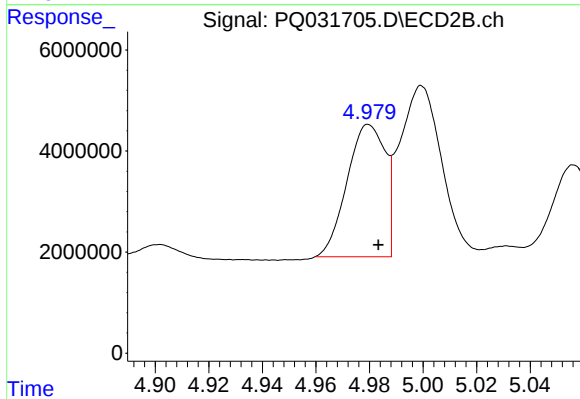
#3 AR-1016-1

R.T.: 4.563 min
Delta R.T.: -0.004 min
Response: 17320515
Conc: 539.88 ng/ml



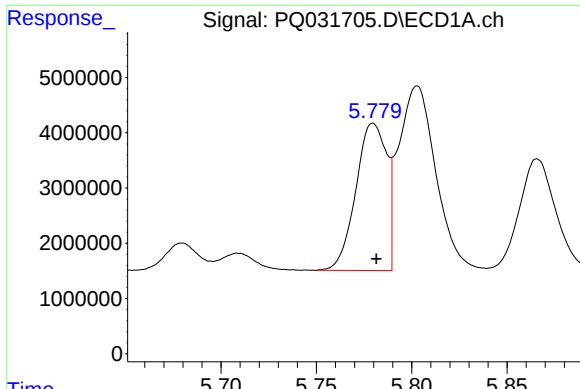
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: -0.002 min
Response: 20988559
Conc: 523.27 ng/ml



#4 AR-1016-2

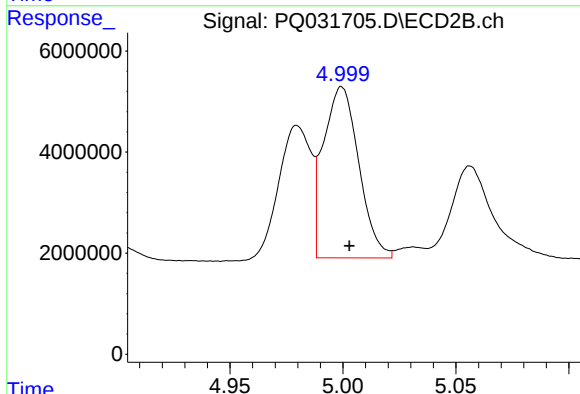
R.T.: 4.980 min
Delta R.T.: -0.004 min
Response: 25843261
Conc: 515.37 ng/ml



#5 AR-1016-3

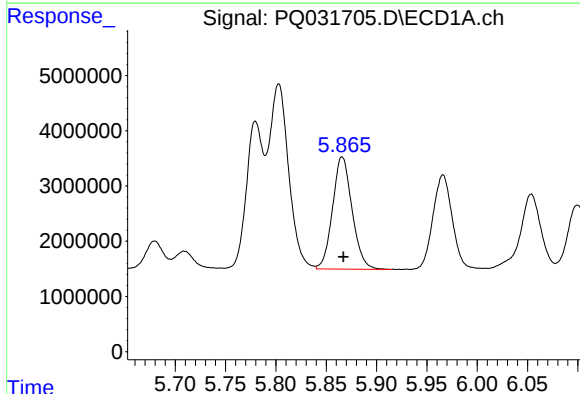
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 30082891
Conc: 489.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



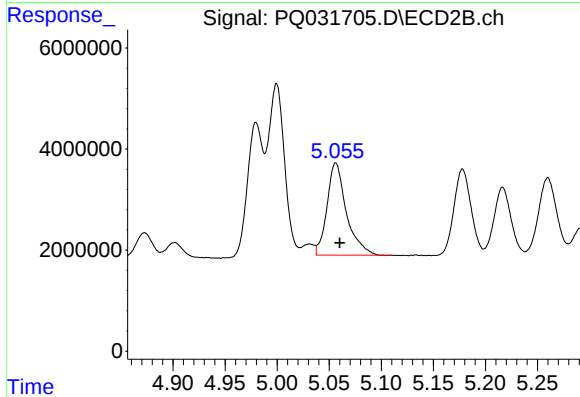
#5 AR-1016-3

R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 37011316
Conc: 513.58 ng/ml



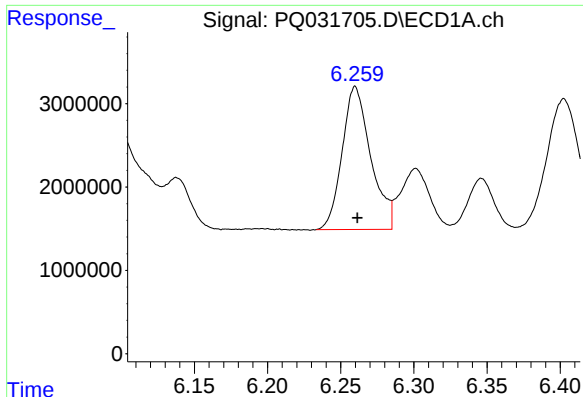
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: -0.001 min
Response: 27430542
Conc: 508.35 ng/ml



#6 AR-1016-4

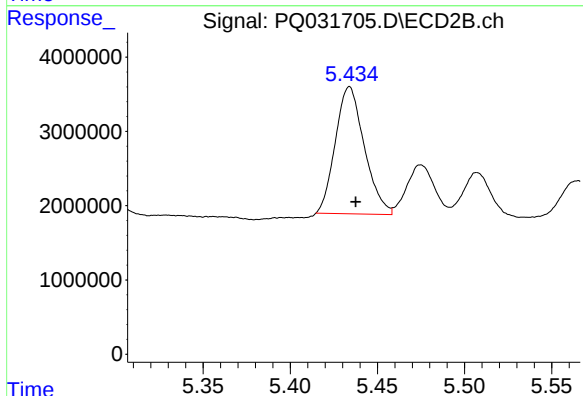
R.T.: 5.056 min
Delta R.T.: -0.004 min
Response: 23626192
Conc: 531.30 ng/ml



#7 AR-1016-5

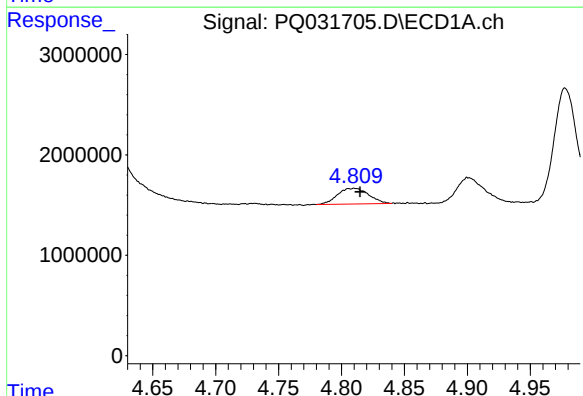
R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 23341668
Conc: 513.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



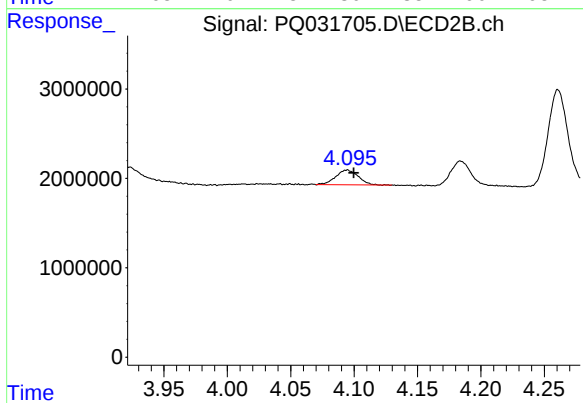
#7 AR-1016-5

R.T.: 5.434 min
Delta R.T.: -0.004 min
Response: 19818122
Conc: 494.15 ng/ml



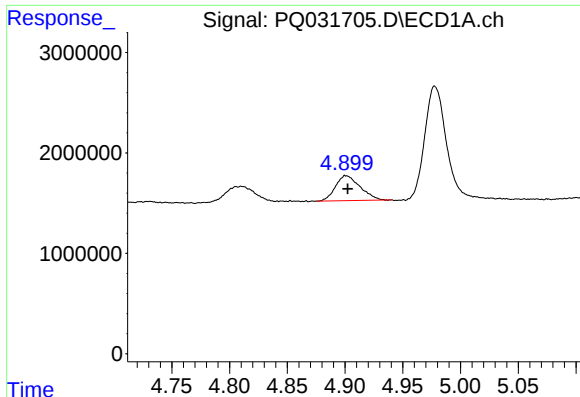
#8 AR-1221-1

R.T.: 4.810 min
Delta R.T.: -0.004 min
Response: 2686797
Conc: 153.49 ng/ml



#8 AR-1221-1

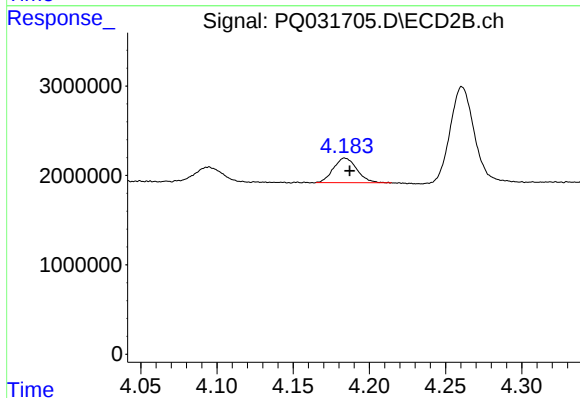
R.T.: 4.095 min
Delta R.T.: -0.005 min
Response: 2061519
Conc: 149.02 ng/ml



#9 AR-1221-2

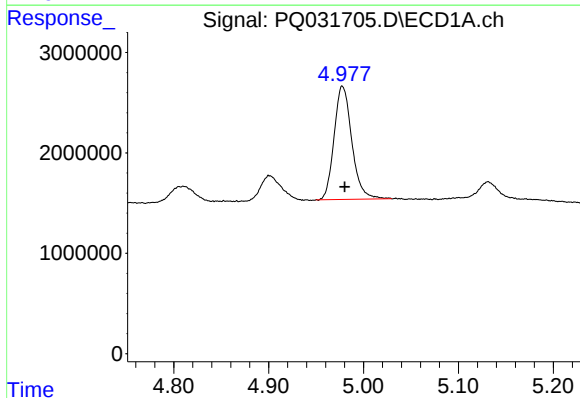
R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 3709875
Conc: 283.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



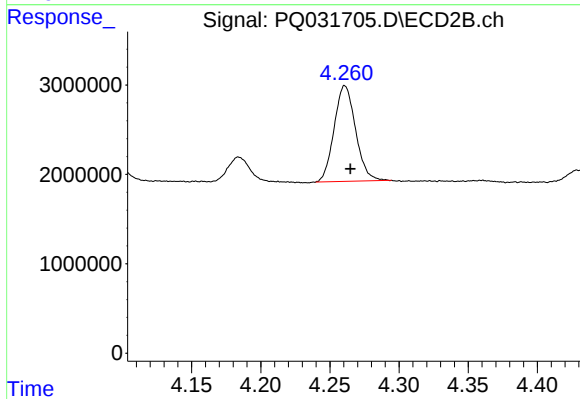
#9 AR-1221-2

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 2957957
Conc: 271.61 ng/ml



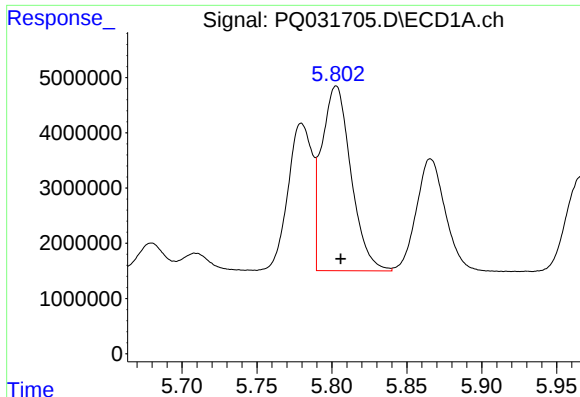
#10 AR-1221-3

R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 14694729
Conc: 342.12 ng/ml



#10 AR-1221-3

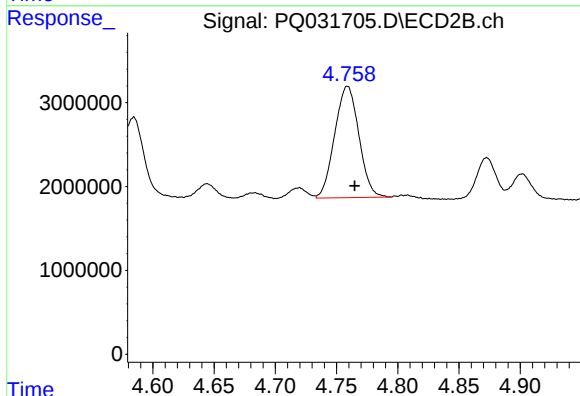
R.T.: 4.261 min
Delta R.T.: -0.004 min
Response: 11576205
Conc: 333.55 ng/ml



#11 AR-1232-1

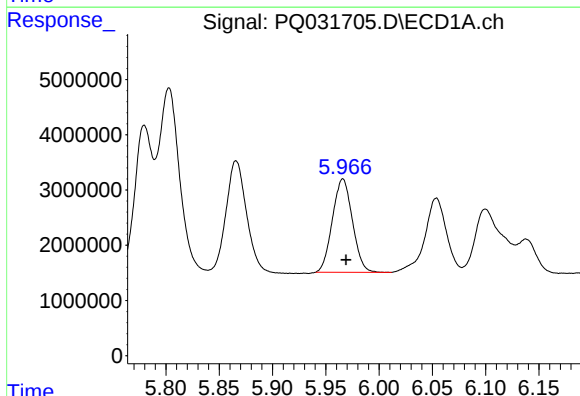
R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 45553962
Conc: 1505.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



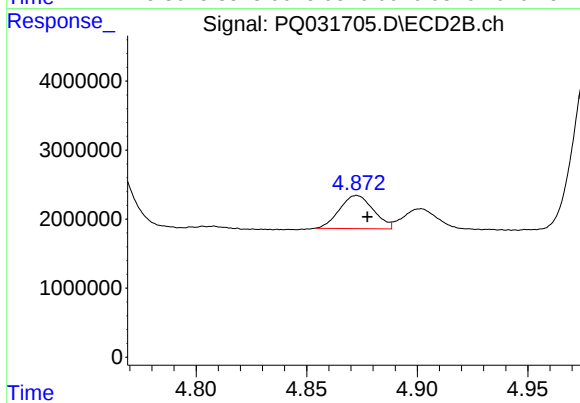
#11 AR-1232-1

R.T.: 4.759 min
Delta R.T.: -0.006 min
Response: 18274383
Conc: 1448.75 ng/ml



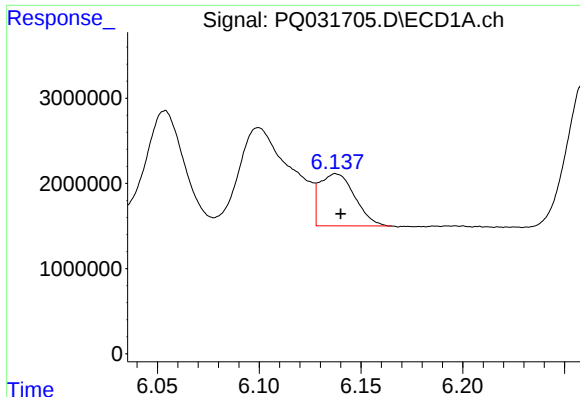
#12 AR-1232-2

R.T.: 5.966 min
Delta R.T.: -0.003 min
Response: 22102749
Conc: 1425.64 ng/ml



#12 AR-1232-2

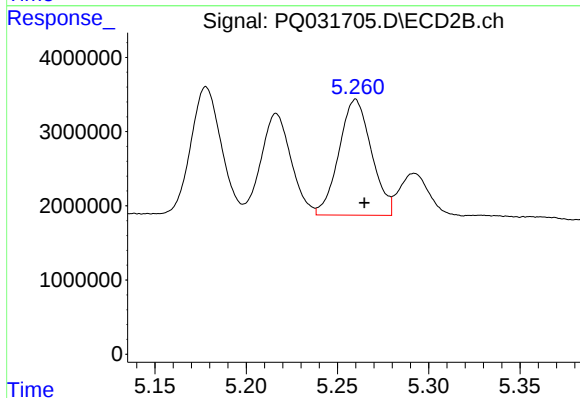
R.T.: 4.873 min
Delta R.T.: -0.005 min
Response: 5116518
Conc: 1427.01 ng/ml



#13 AR-1232-3

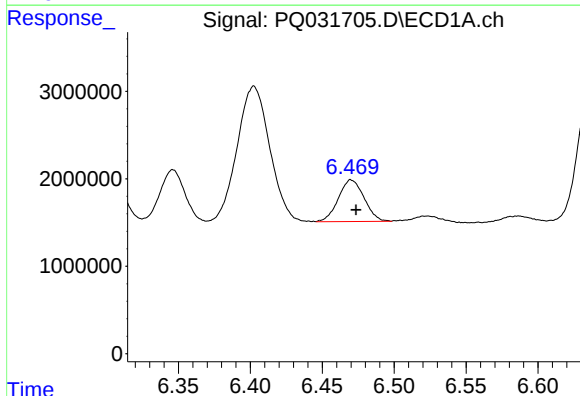
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 7357601
Conc: 1796.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



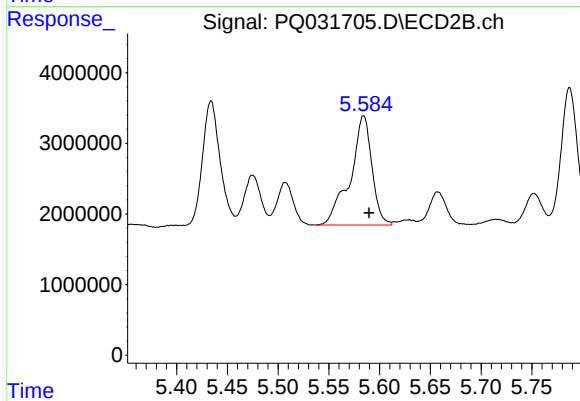
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: -0.005 min
Response: 19379329
Conc: 1572.06 ng/ml



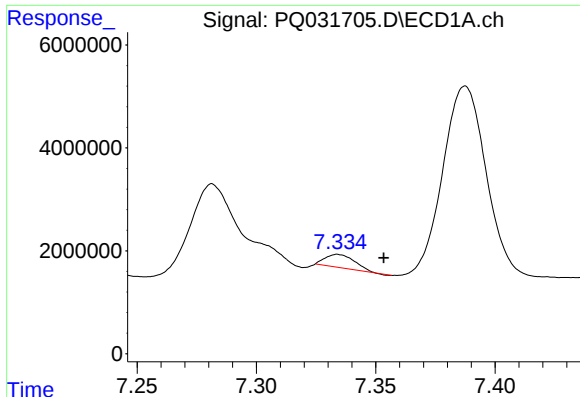
#14 AR-1232-4

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 5940247
Conc: 1337.62 ng/ml



#14 AR-1232-4

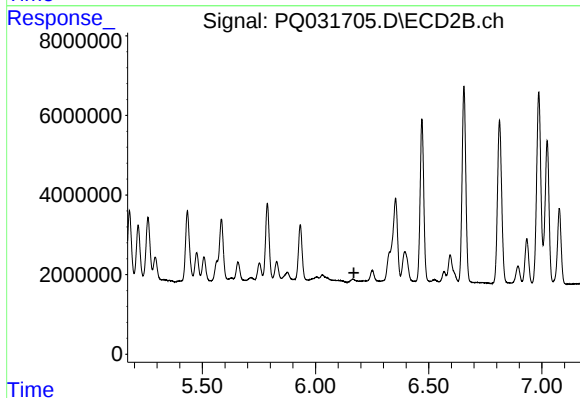
R.T.: 5.584 min
Delta R.T.: -0.005 min
Response: 22978864
Conc: 1522.28 ng/ml



#15 AR-1232-5

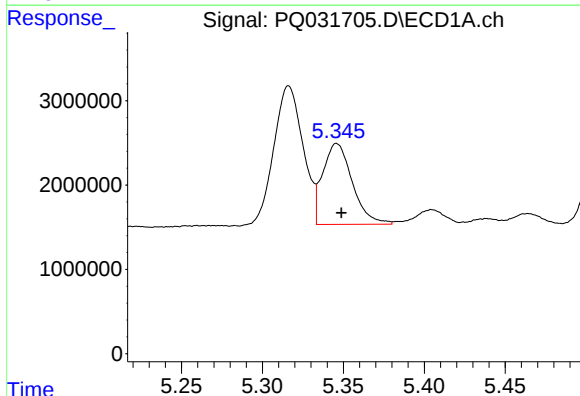
R.T.: 7.334 min
Delta R.T.: -0.019 min
Response: 2181279
Conc: 820.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



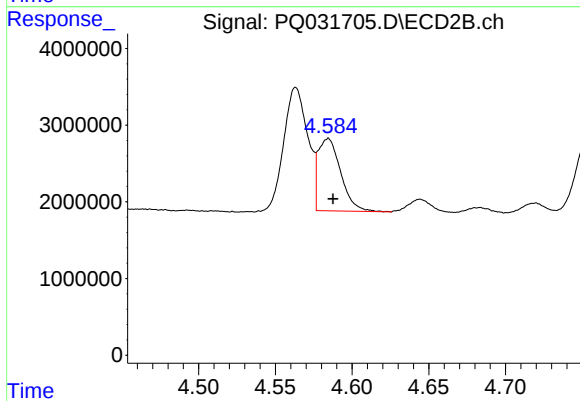
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



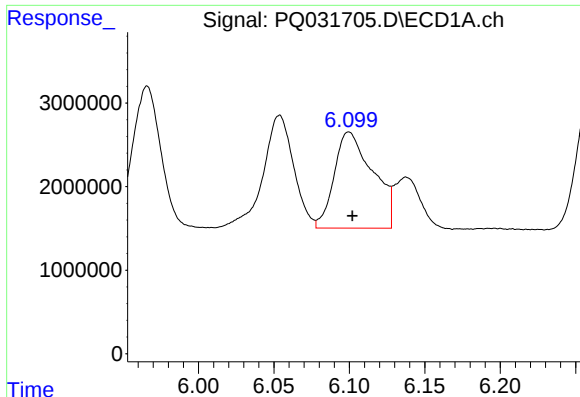
#16 AR-1242-1

R.T.: 5.346 min
Delta R.T.: -0.003 min
Response: 12224139
Conc: 668.57 ng/ml



#16 AR-1242-1

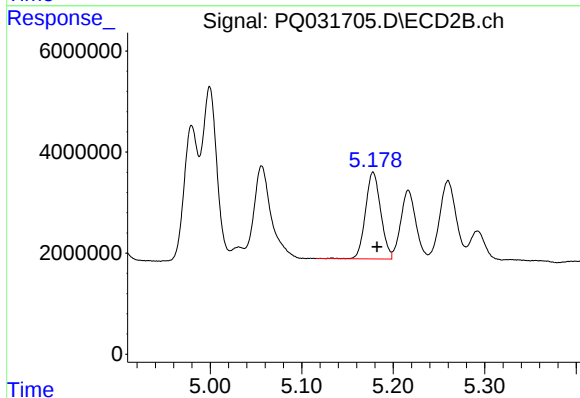
R.T.: 4.584 min
Delta R.T.: -0.003 min
Response: 9693928
Conc: 693.03 ng/ml



#17 AR-1242-2

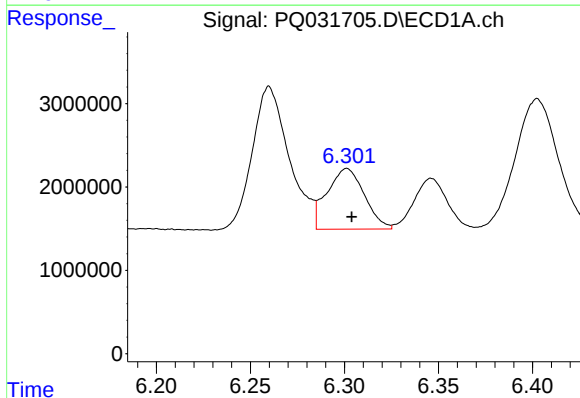
R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 20529483
Conc: 666.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



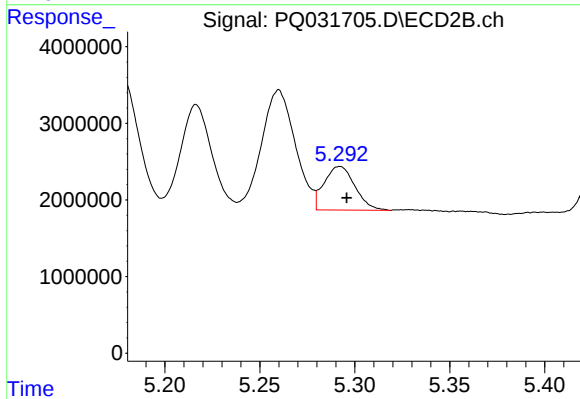
#17 AR-1242-2

R.T.: 5.178 min
Delta R.T.: -0.004 min
Response: 19853618
Conc: 691.87 ng/ml



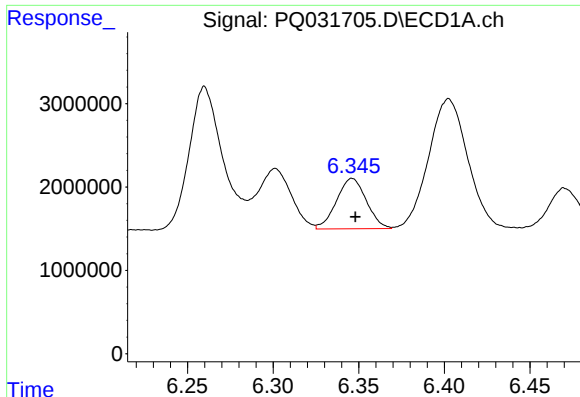
#18 AR-1242-3

R.T.: 6.301 min
Delta R.T.: -0.003 min
Response: 10032584
Conc: 622.29 ng/ml



#18 AR-1242-3

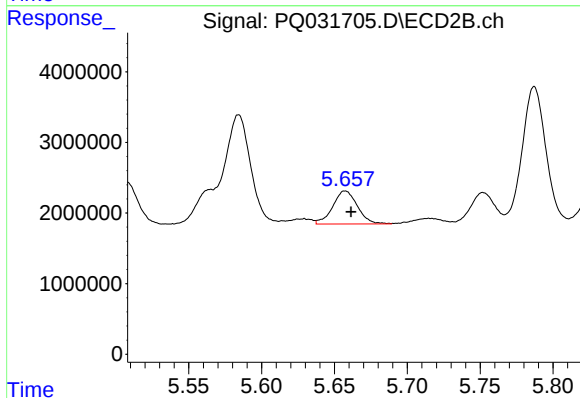
R.T.: 5.292 min
Delta R.T.: -0.004 min
Response: 6447202
Conc: 670.97 ng/ml



#19 AR-1242-4

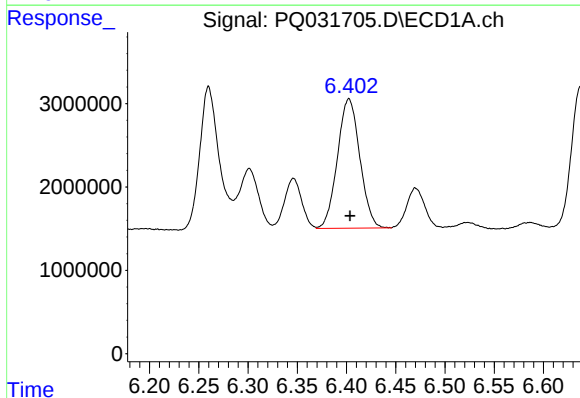
R.T.: 6.346 min
Delta R.T.: -0.002 min
Response: 7335172
Conc: 540.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



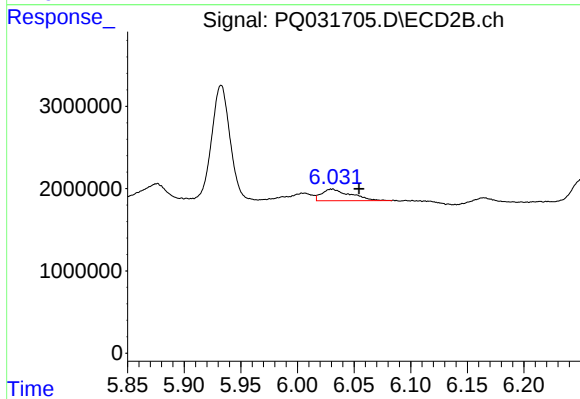
#19 AR-1242-4

R.T.: 5.657 min
Delta R.T.: -0.004 min
Response: 5509897
Conc: 626.45 ng/ml



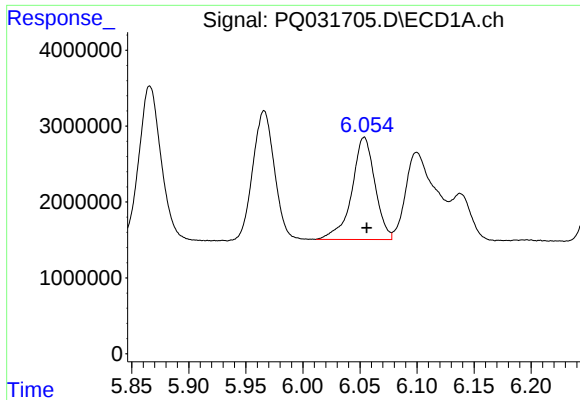
#20 AR-1242-5

R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 24578631
Conc: 626.77 ng/ml



#20 AR-1242-5

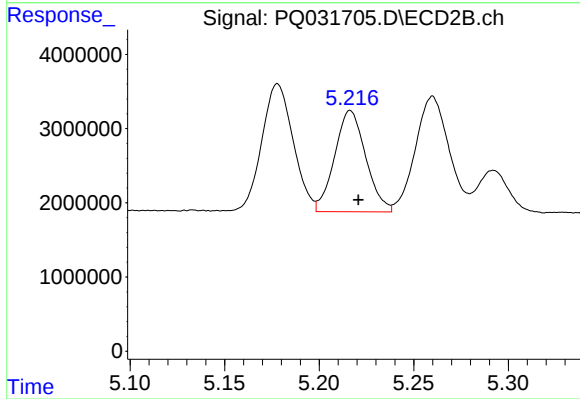
R.T.: 6.030 min
Delta R.T.: -0.024 min
Response: 2522029
Conc: 110.26 ng/ml



#21 AR-1248-1

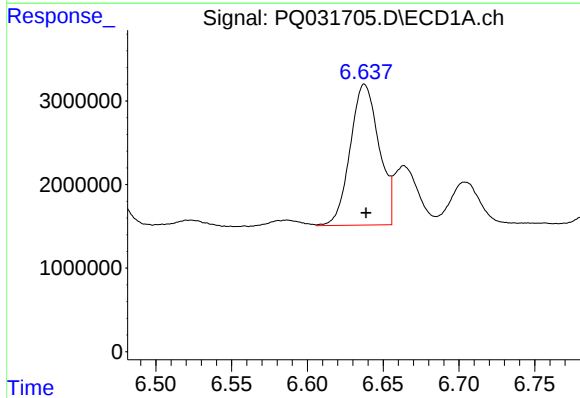
R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 19044317
Conc: 335.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



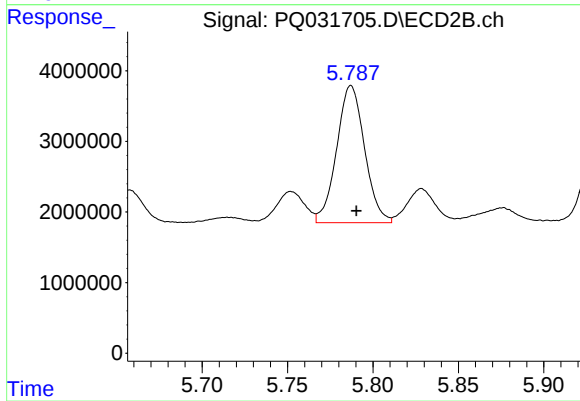
#21 AR-1248-1

R.T.: 5.216 min
Delta R.T.: -0.004 min
Response: 15657315
Conc: 331.62 ng/ml



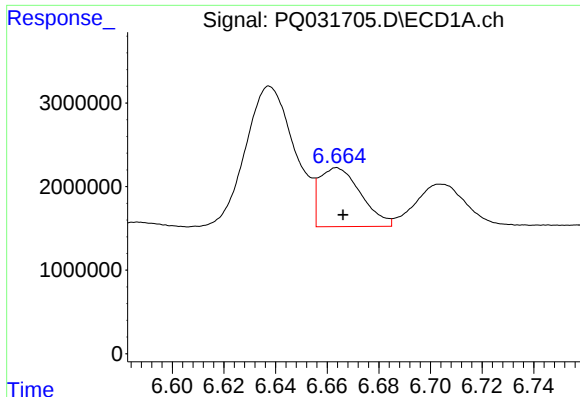
#22 AR-1248-2

R.T.: 6.638 min
Delta R.T.: -0.001 min
Response: 22311229
Conc: 375.62 ng/ml



#22 AR-1248-2

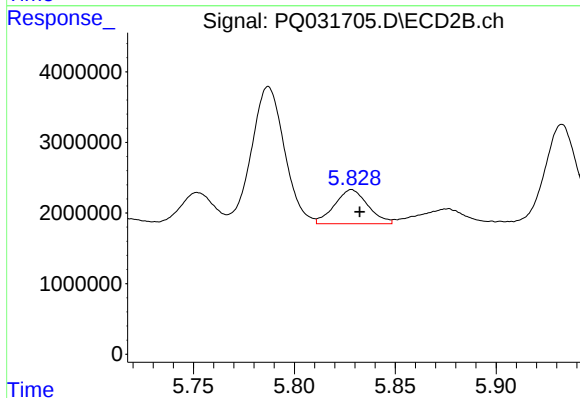
R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 22141647
Conc: 237.55 ng/ml



#23 AR-1248-3

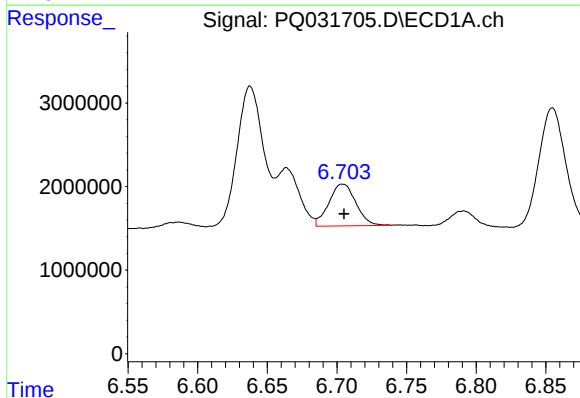
R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 7854444
Conc: 98.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



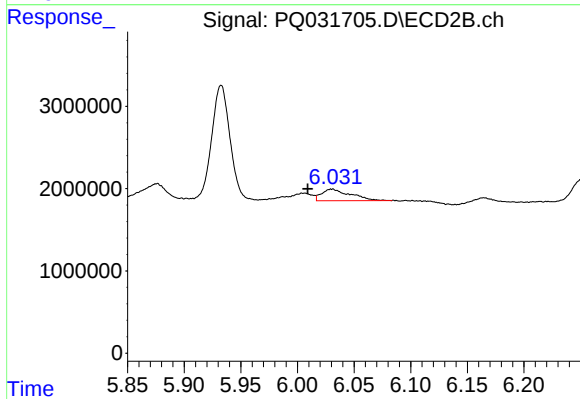
#23 AR-1248-3

R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 5558301
Conc: 86.96 ng/ml



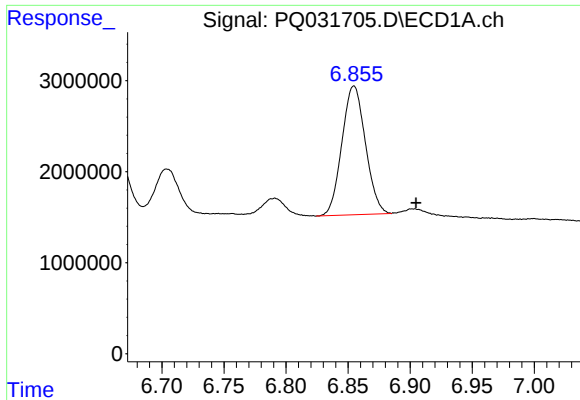
#24 AR-1248-4

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 6759240
Conc: 88.81 ng/ml



#24 AR-1248-4

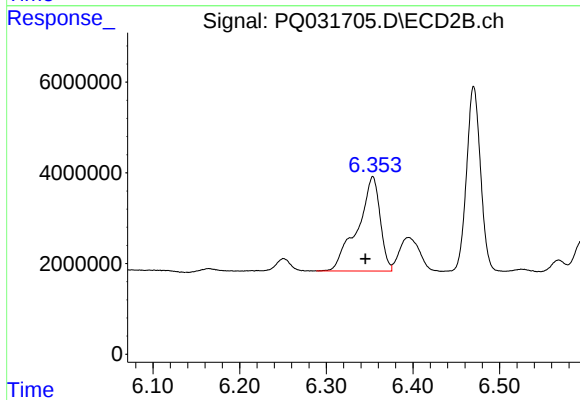
R.T.: 6.030 min
Delta R.T.: 0.021 min
Response: 2522029
Conc: 43.82 ng/ml



#25 AR-1248-5

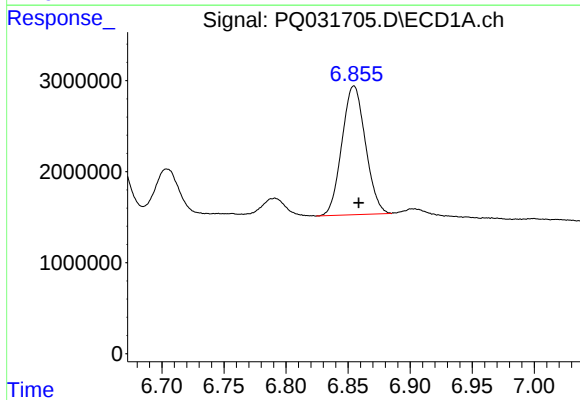
R.T.: 6.855 min
Delta R.T.: -0.050 min
Response: 18681784
Conc: 365.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



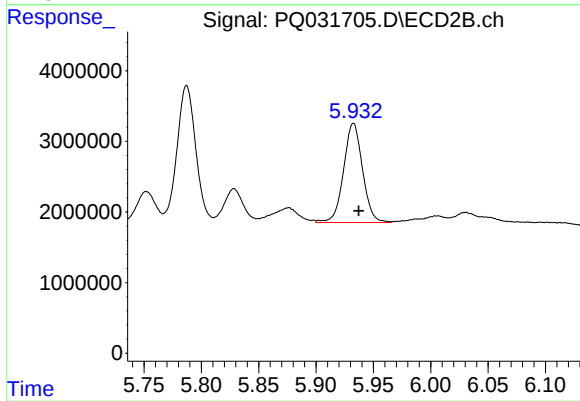
#25 AR-1248-5

R.T.: 6.354 min
Delta R.T.: 0.009 min
Response: 37639169
Conc: 814.98 ng/ml



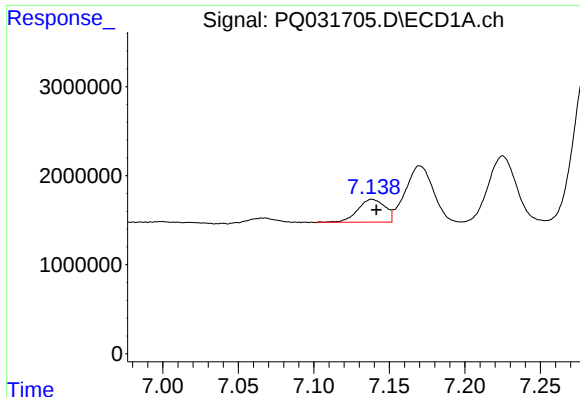
#26 AR-1254-1

R.T.: 6.855 min
Delta R.T.: -0.004 min
Response: 18681784
Conc: 128.79 ng/ml



#26 AR-1254-1

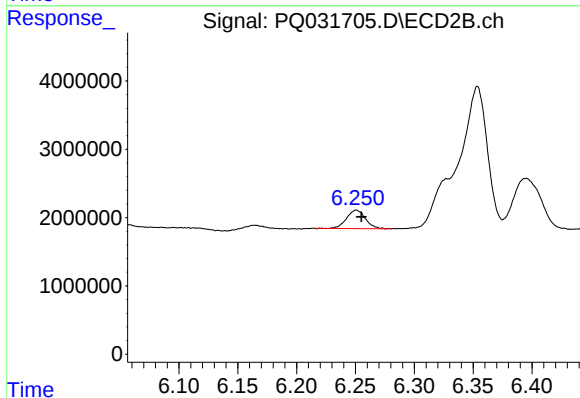
R.T.: 5.933 min
Delta R.T.: -0.004 min
Response: 16193577
Conc: 162.22 ng/ml



#27 AR-1254-2

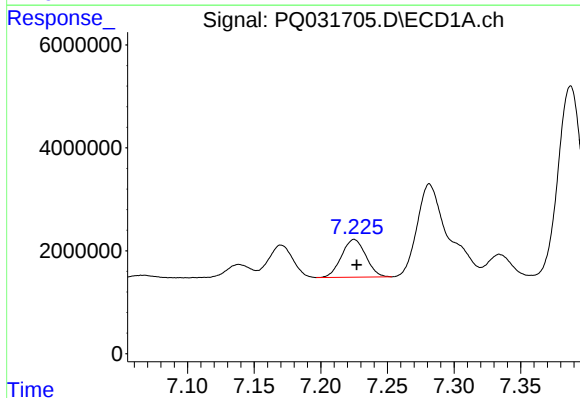
R.T.: 7.139 min
Delta R.T.: -0.003 min
Response: 3196394
Conc: 35.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



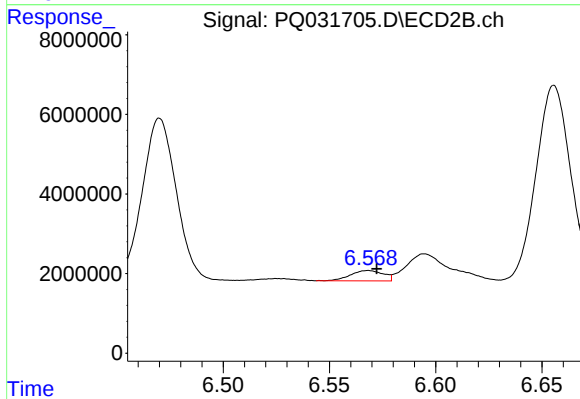
#27 AR-1254-2

R.T.: 6.251 min
Delta R.T.: -0.004 min
Response: 3026196
Conc: 34.51 ng/ml



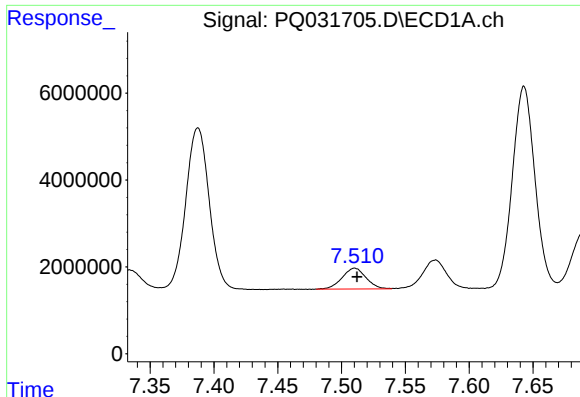
#28 AR-1254-3

R.T.: 7.225 min
Delta R.T.: -0.002 min
Response: 9268661
Conc: 56.55 ng/ml



#28 AR-1254-3

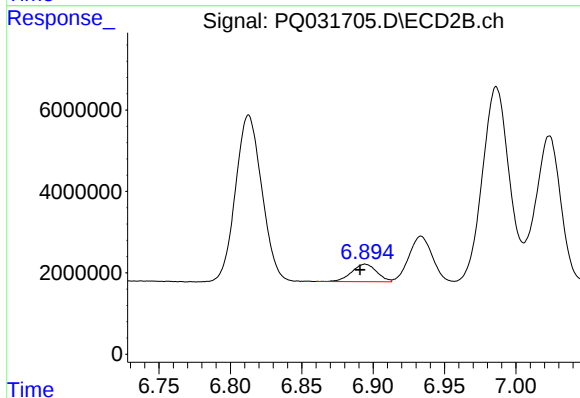
R.T.: 6.568 min
Delta R.T.: -0.004 min
Response: 2823890
Conc: 24.44 ng/ml



#29 AR-1254-4

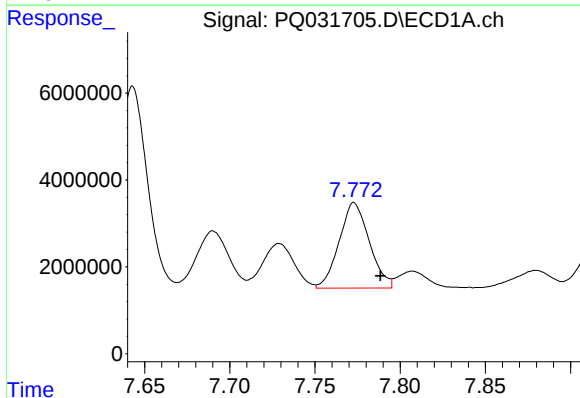
R.T.: 7.510 min
Delta R.T.: -0.002 min
Response: 6270358
Conc: 51.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



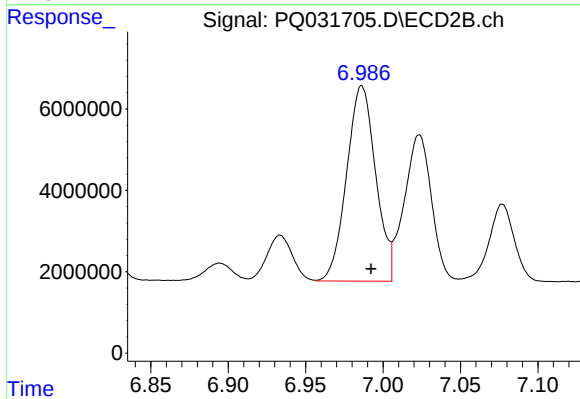
#29 AR-1254-4

R.T.: 6.894 min
Delta R.T.: 0.004 min
Response: 5265573
Conc: 63.41 ng/ml



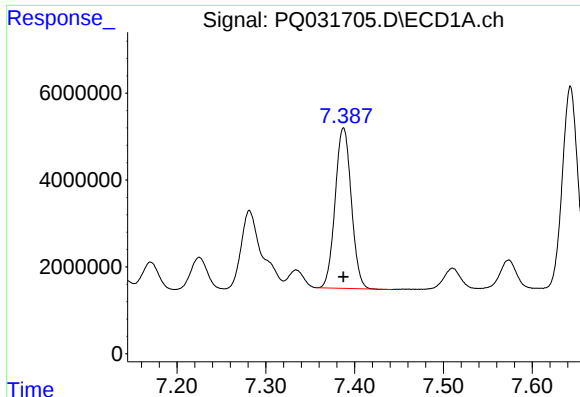
#30 AR-1254-5

R.T.: 7.773 min
Delta R.T.: -0.015 min
Response: 24236014
Conc: 255.40 ng/ml



#30 AR-1254-5

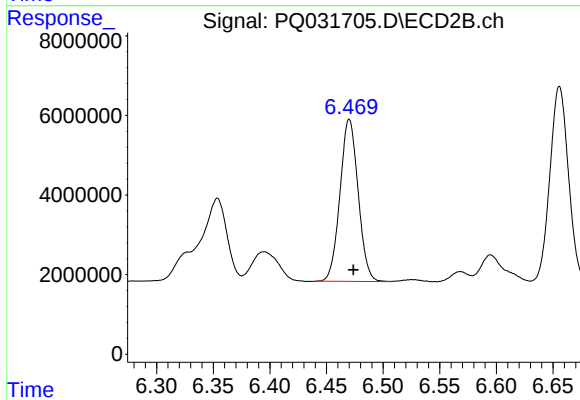
R.T.: 6.986 min
Delta R.T.: -0.006 min
Response: 62587708
Conc: 376.44 ng/ml



#31 AR-1260-1

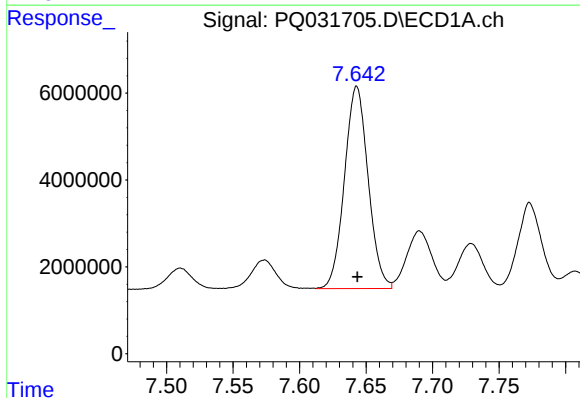
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 46638662
Conc: 424.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



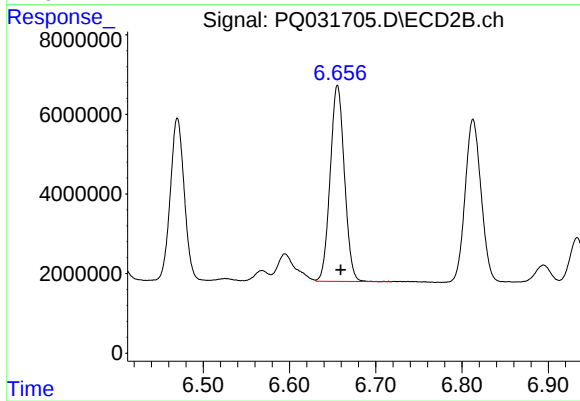
#31 AR-1260-1

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 45479563
Conc: 450.28 ng/ml



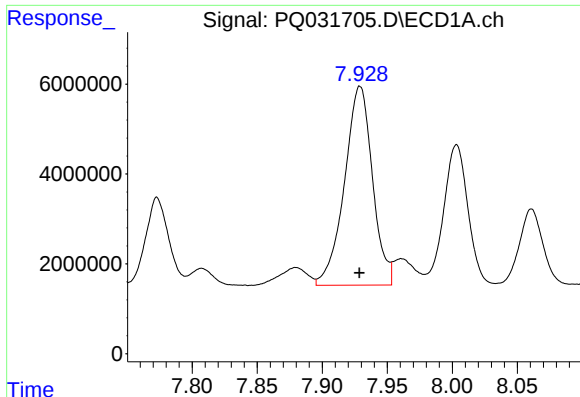
#32 AR-1260-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 57665497
Conc: 435.24 ng/ml



#32 AR-1260-2

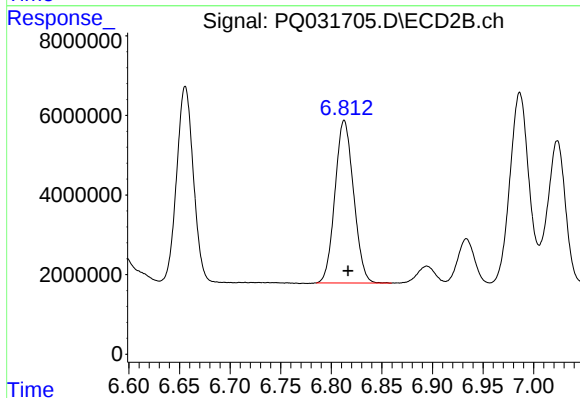
R.T.: 6.656 min
Delta R.T.: -0.004 min
Response: 56544074
Conc: 437.68 ng/ml



#33 AR-1260-3

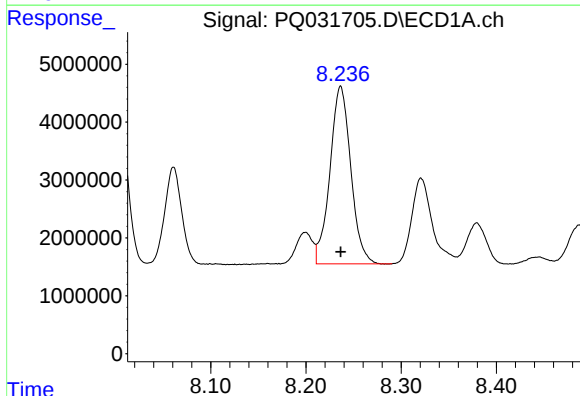
R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 66353784
Conc: 420.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



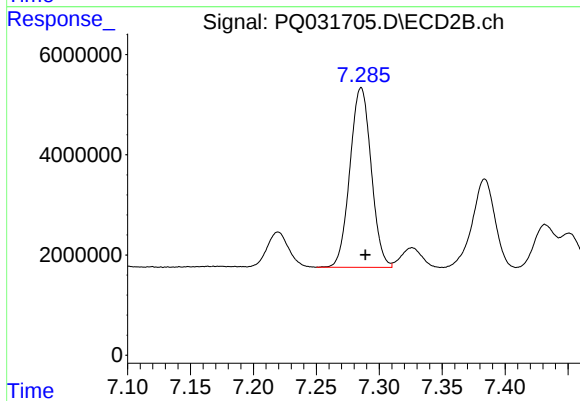
#33 AR-1260-3

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 52360136
Conc: 435.43 ng/ml



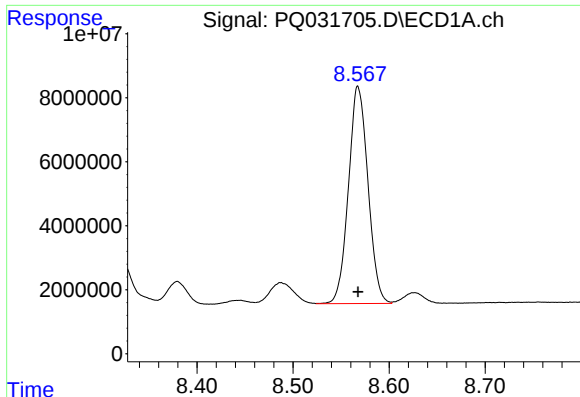
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 46709152
Conc: 399.43 ng/ml



#34 AR-1260-4

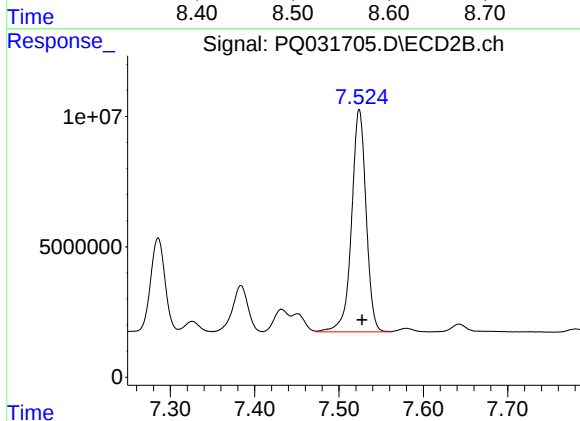
R.T.: 7.286 min
Delta R.T.: -0.003 min
Response: 42180287
Conc: 407.91 ng/ml



#35 AR-1260-5

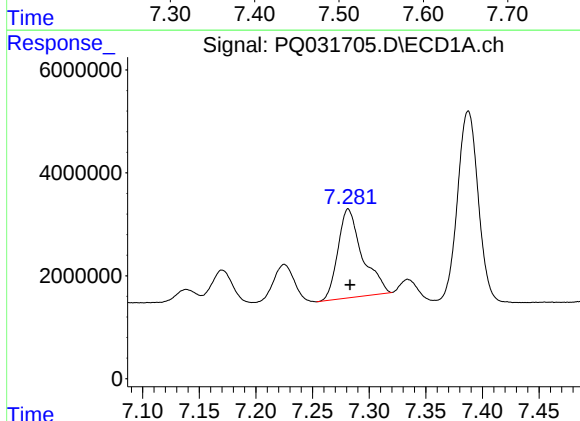
R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 95936748
Conc: 403.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



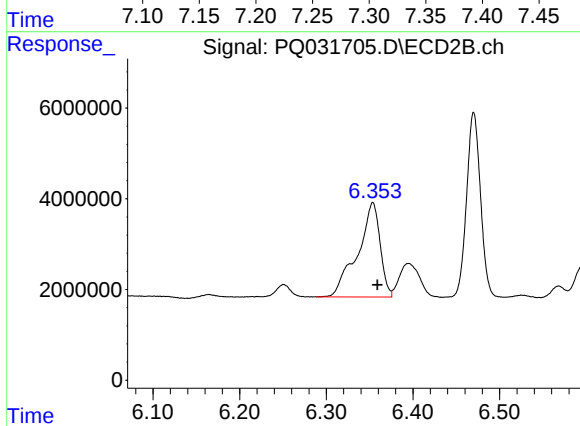
#35 AR-1260-5

R.T.: 7.524 min
Delta R.T.: -0.003 min
Response: 102011036
Conc: 400.61 ng/ml



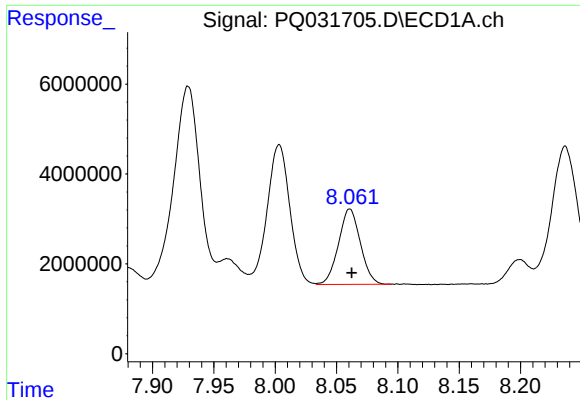
#36 AR-1262-1

R.T.: 7.282 min
Delta R.T.: -0.002 min
Response: 25821420
Conc: 448.30 ng/ml



#36 AR-1262-1

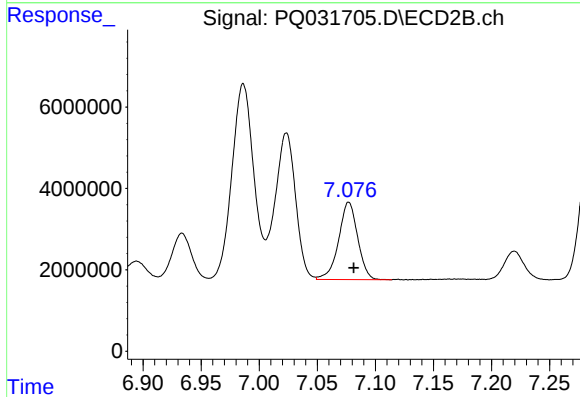
R.T.: 6.354 min
Delta R.T.: -0.005 min
Response: 37639169
Conc: 750.07 ng/ml



#37 AR-1262-2

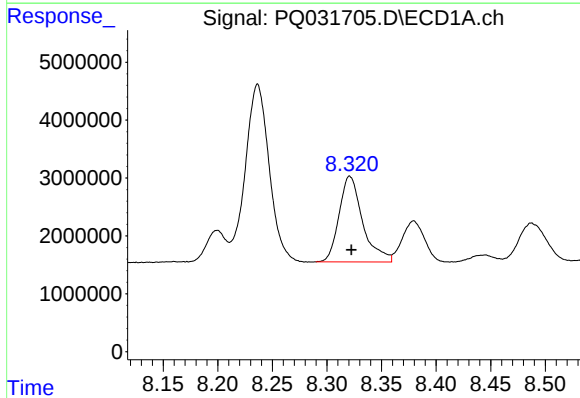
R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 20837123
Conc: 389.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



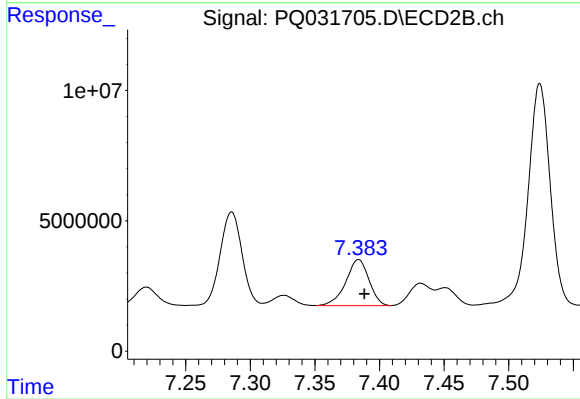
#37 AR-1262-2

R.T.: 7.077 min
Delta R.T.: -0.004 min
Response: 21764723
Conc: 399.92 ng/ml



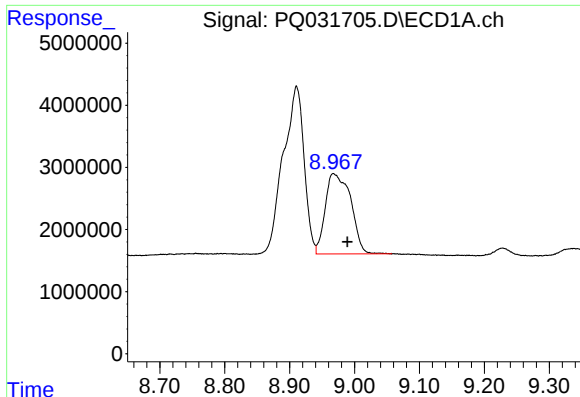
#38 AR-1262-3

R.T.: 8.321 min
Delta R.T.: -0.002 min
Response: 22286992
Conc: 364.33 ng/ml



#38 AR-1262-3

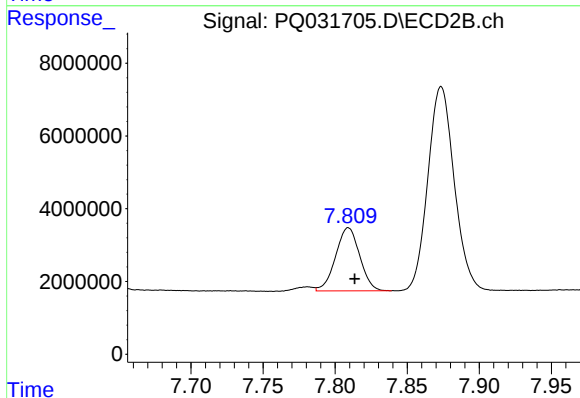
R.T.: 7.384 min
Delta R.T.: -0.004 min
Response: 22069968
Conc: 355.88 ng/ml



#39 AR-1262-4

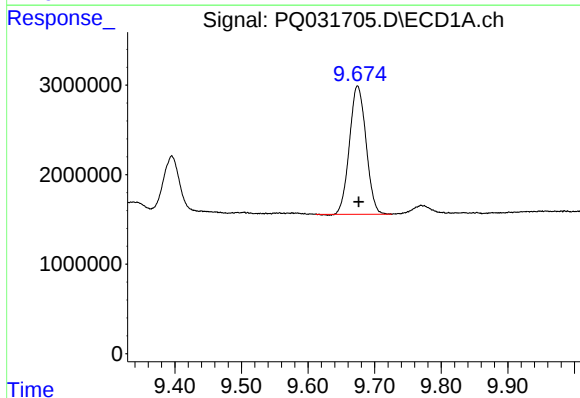
R.T.: 8.967 min
Delta R.T.: -0.021 min
Response: 35157692
Conc: 274.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



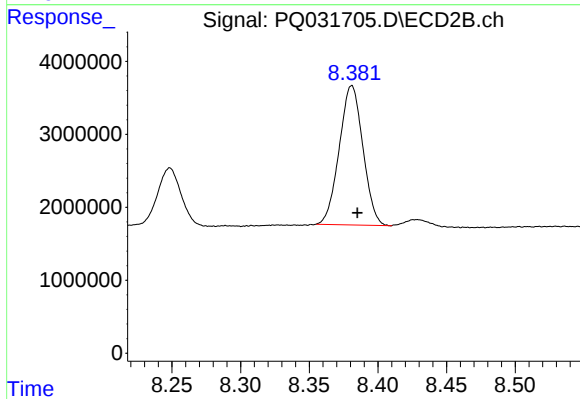
#39 AR-1262-4

R.T.: 7.809 min
Delta R.T.: -0.004 min
Response: 20164929
Conc: 192.53 ng/ml



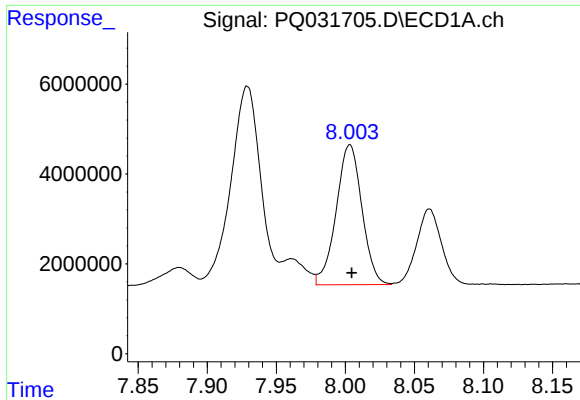
#40 AR-1262-5

R.T.: 9.674 min
Delta R.T.: -0.002 min
Response: 24767483
Conc: 256.89 ng/ml



#40 AR-1262-5

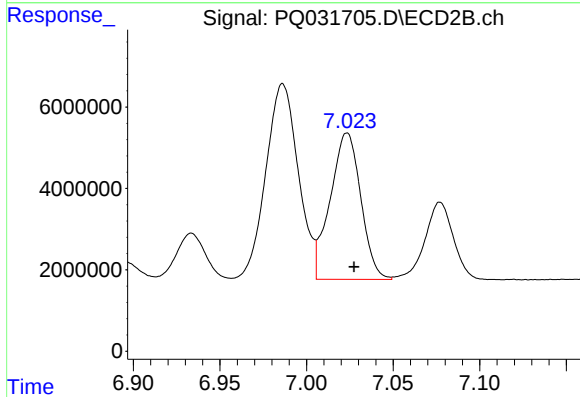
R.T.: 8.381 min
Delta R.T.: -0.004 min
Response: 22919490
Conc: 242.24 ng/ml



#41 AR-1268-1

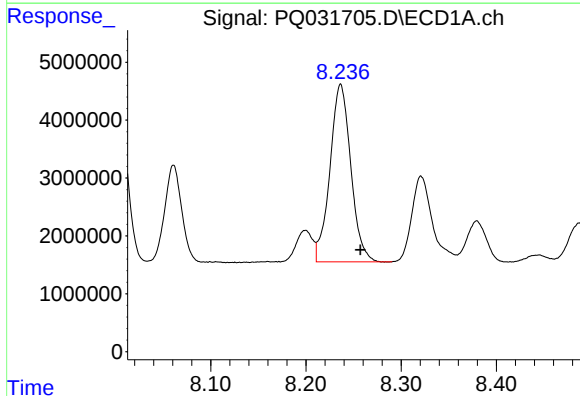
R.T.: 8.003 min
Delta R.T.: -0.001 min
Response: 40435859
Conc: 761.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



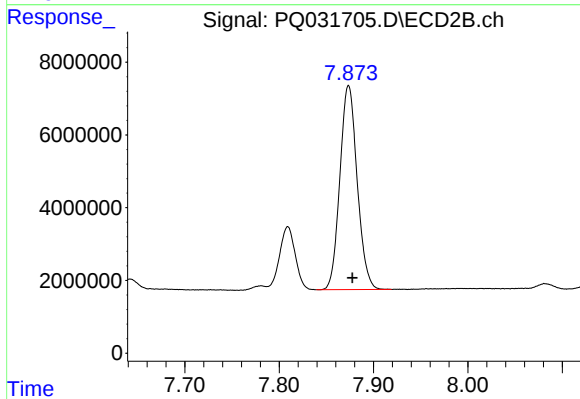
#41 AR-1268-1

R.T.: 7.023 min
Delta R.T.: -0.004 min
Response: 44269204
Conc: 822.13 ng/ml



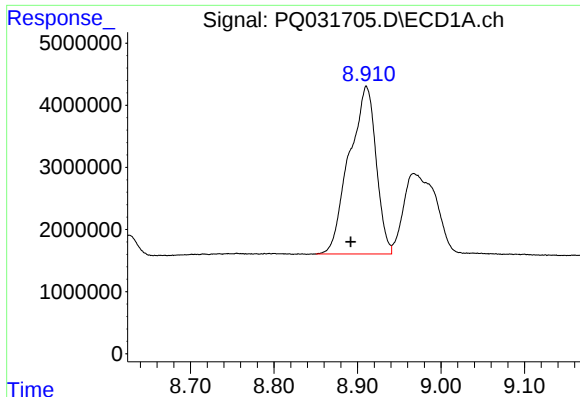
#42 AR-1268-2

R.T.: 8.236 min
Delta R.T.: -0.021 min
Response: 46709152
Conc: 669.24 ng/ml



#42 AR-1268-2

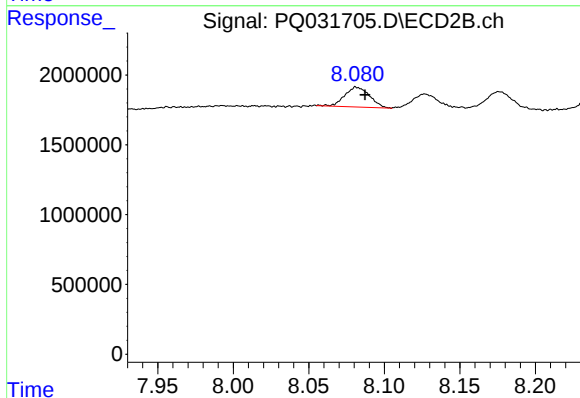
R.T.: 7.874 min
Delta R.T.: -0.004 min
Response: 71469630
Conc: 236.43 ng/ml



#43 AR-1268-3

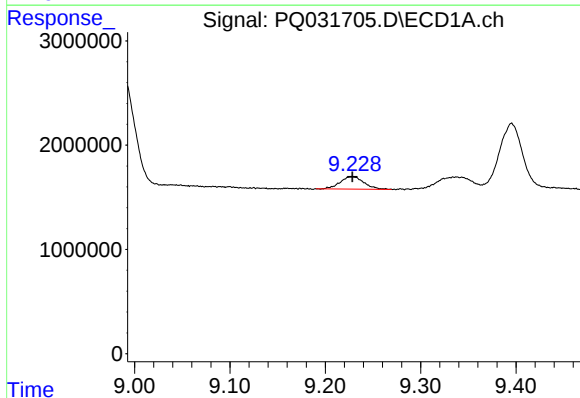
R.T.: 8.911 min
Delta R.T.: 0.019 min
Response: 60239310
Conc: 184.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



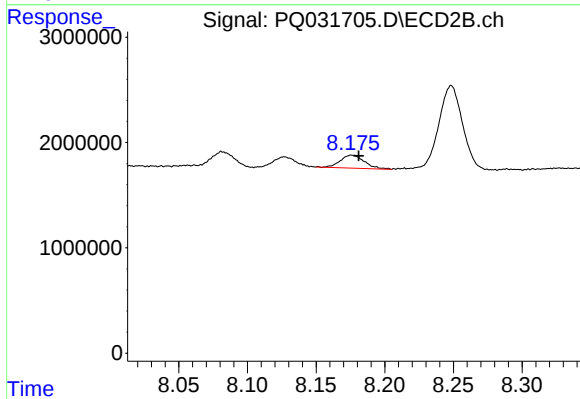
#43 AR-1268-3

R.T.: 8.082 min
Delta R.T.: -0.006 min
Response: 1631661
Conc: 6.52 ng/ml



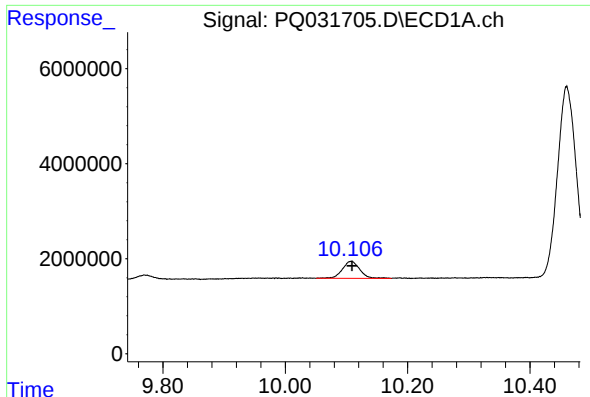
#44 AR-1268-4

R.T.: 9.228 min
Delta R.T.: 0.000 min
Response: 2075201
Conc: 8.30 ng/ml



#44 AR-1268-4

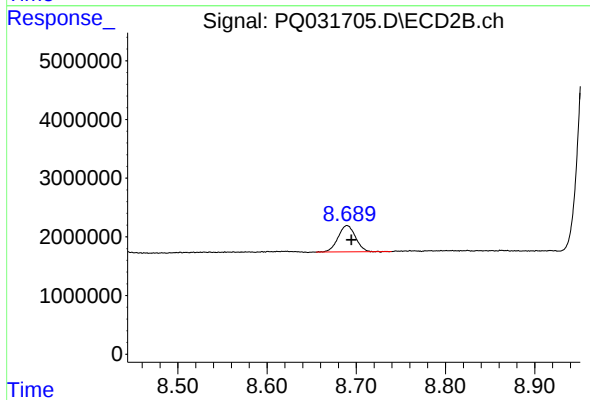
R.T.: 8.176 min
Delta R.T.: -0.005 min
Response: 1518217
Conc: 22.57 ng/ml



#45 AR-1268-5

R.T.: 10.107 min
Delta R.T.: -0.002 min
Response: 7008640
Conc: 8.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.690 min
Delta R.T.: -0.005 min
Response: 6100554
Conc: 7.24 ng/ml