

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090118\
 Data File : PQ031554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 21:18
 Operator : SM\SJ
 Sample : PQ090118ICV500
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 04:29:08 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...	4.605	3.883	78521665	60682981	53.811	53.258
2)	SA Decachlor...	10.463	8.968	111.2E6	107.5E6	51.851	51.275
Target Compounds							
3)	L1 AR-1016-1	5.319	4.567	20549285	17234908	526.203	537.208
4)	L1 AR-1016-2	5.515	4.984	20660507	26042213	515.088	519.333
5)	L1 AR-1016-3	5.783	5.004	30275511	37428839	492.790	519.373
6)	L1 AR-1016-4	5.869	5.060	27264364	24597257	505.273	553.134
7)	L1 AR-1016-5	6.263	5.438	23936015	21445001	526.584	534.716
8)	L2 AR-1221-1	4.810	4.099	2314101	1780964	132.201	128.736
9)	L2 AR-1221-2	4.904	4.188	3636356	2875609	278.212	264.050
10)	L2 AR-1221-3	4.981	4.265	14124935	11201303	328.852	322.750
11)	L3 AR-1232-1	5.806	4.763	44374093	17812046	1466.601	1412.100
12)	L3 AR-1232-2	5.968	4.877	22474908	5442336	1449.649	1517.886
13)	L3 AR-1232-3	6.140	5.264	7091771	19236440	1731.978	1560.473
14)	L3 AR-1232-4	6.473	5.588	6440859	23961981	1450.347	1587.407
15)	L3 AR-1232-5	7.336	0.000	2919309	0	1097.992	N.D. #
16)	L4 AR-1242-1	5.349	4.588	12397538	9896138	678.050	707.484
17)	L4 AR-1242-2	6.103	5.182	20857197	19847228	677.642	691.644
18)	L4 AR-1242-3	6.305	5.296	10471759	6343322	649.534	660.159
19)	L4 AR-1242-4	6.349	5.662	8635158	6520889	635.791	741.395
20)	L4 AR-1242-5	6.405	6.036	26484375	2179483	675.371	95.282 #
21)	L5 AR-1248-1	6.056	5.221	20119650	15462290	354.708	327.494
22)	L5 AR-1248-2	6.640	5.791	23006301	23272176	387.319	249.679 #
23)	L5 AR-1248-3	6.666	5.833	8283453	5433895	103.976	85.012
24)	L5 AR-1248-4	6.706	6.036	7094672	2179483	93.215	37.870 #
25)	L5 AR-1248-5	6.857	6.359	20404739	42476853	398.852	919.727 #
26)	L6 AR-1254-1	6.857	5.937	20404739	16740825	140.670	167.704
27)	L6 AR-1254-2	7.141	6.255	3526209	3615241	39.217	41.229
28)	L6 AR-1254-3	7.227	6.572	10308207	2996069	62.897	25.930 #
29)	L6 AR-1254-4	7.512	6.899	7497366	6326409	61.311	76.189
30)	L6 AR-1254-5	7.776	6.991	29879326	76451113	314.869	459.825 #
31)	L7 AR-1260-1	7.389	6.474	53968890	52946219	491.189	524.208
32)	L7 AR-1260-2	7.644	6.660	66554305	65853597	502.334	509.735
33)	L7 AR-1260-3	7.931	6.818	80963770	63096879	513.063	524.720
34)	L7 AR-1260-4	8.238	7.290	59388031	53648924	507.847	518.815
35)	L7 AR-1260-5	8.570	7.528	122.6E6	135.1E6	516.345	530.657
36)	L8 AR-1262-1	7.284	6.359	28439716	42476853	493.757	846.470 #
37)	L8 AR-1262-2	8.063	7.082	25903789	27201593	484.526	499.816
38)	L8 AR-1262-3	8.323	7.388	28598213	28852327	467.503	465.245
39)	L8 AR-1262-4	8.969	7.814	44355040	27659430	346.471	264.092
40)	L8 AR-1262-5	9.676	8.385	33322185	32918702	345.626	347.926
41)	L9 AR-1268-1	8.005	7.027	49805441	55099236	938.264	1023.258

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 Sample : PQ090118ICV500
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

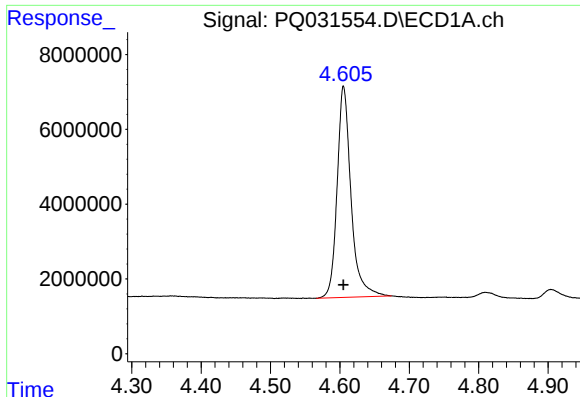
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 04:29:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
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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	8.238	7.878	59388031	98067298	850.900	324.422 #
43) L9	AR-1268-3	8.914	8.087	77642373	3033931	238.246	12.128 #
44) L9	AR-1268-4	9.229	8.181	3260240	2930105	13.037	43.551 #
45) L9	AR-1268-5	10.110	8.694	9348509	8583351	10.932	10.193

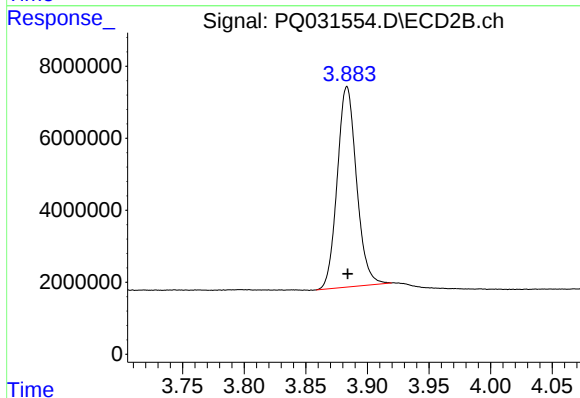
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

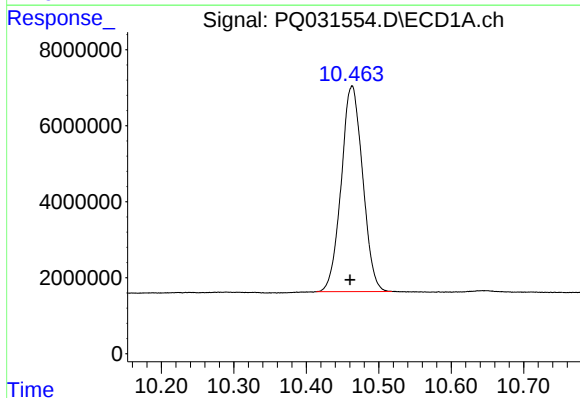
R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 78521665
Conc: 53.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



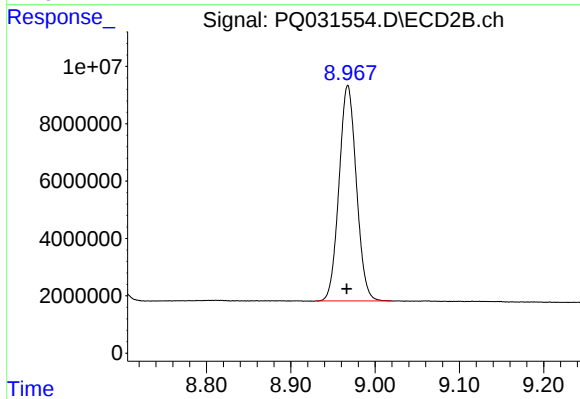
#1 Tetrachloro-m-xylene

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 60682981
Conc: 53.26 ng/ml



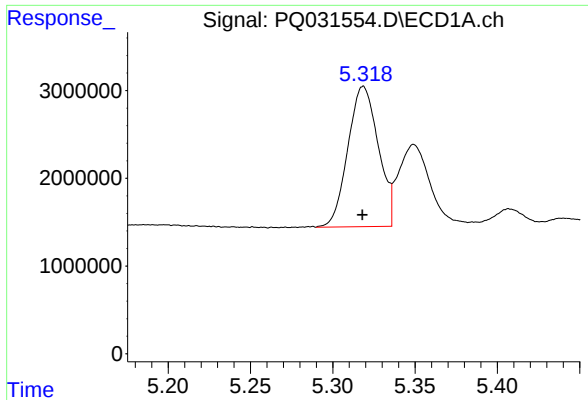
#2 Decachlorobiphenyl

R.T.: 10.463 min
Delta R.T.: 0.003 min
Response: 111180668
Conc: 51.85 ng/ml



#2 Decachlorobiphenyl

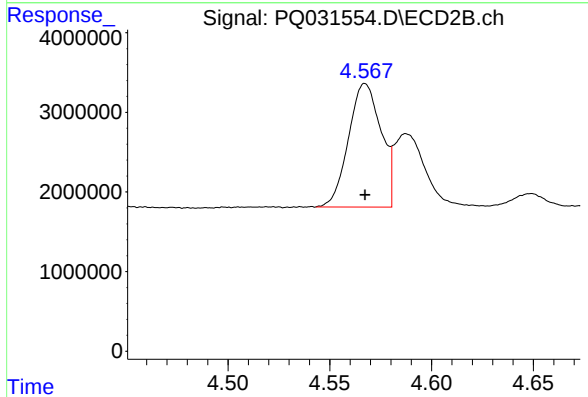
R.T.: 8.968 min
Delta R.T.: 0.001 min
Response: 107455745
Conc: 51.27 ng/ml



#3 AR-1016-1

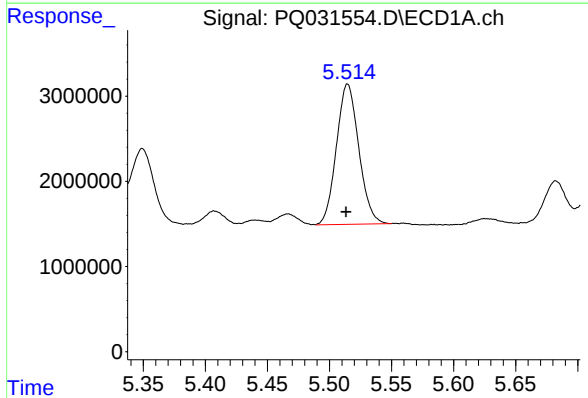
R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 20549285
Conc: 526.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



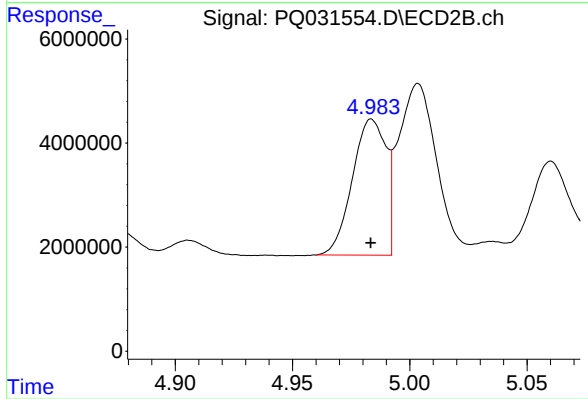
#3 AR-1016-1

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 17234908
Conc: 537.21 ng/ml



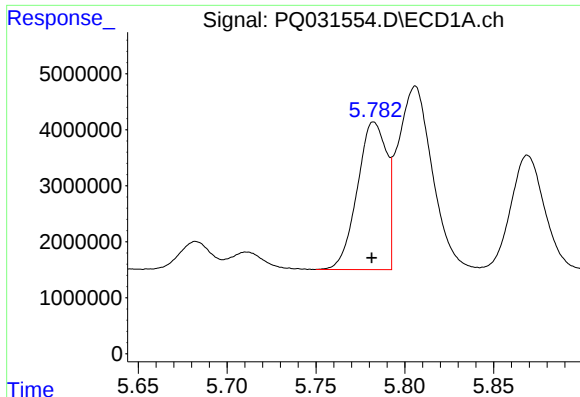
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: 0.001 min
Response: 20660507
Conc: 515.09 ng/ml



#4 AR-1016-2

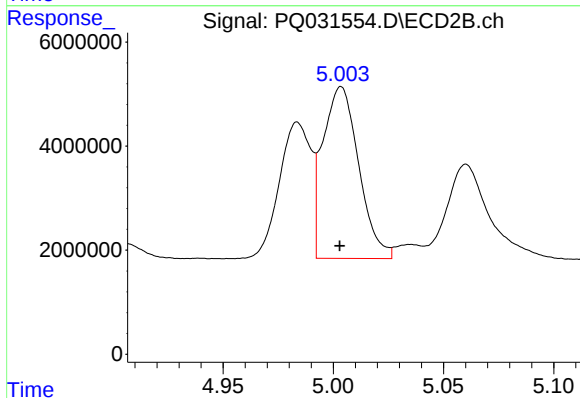
R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 26042213
Conc: 519.33 ng/ml



#5 AR-1016-3

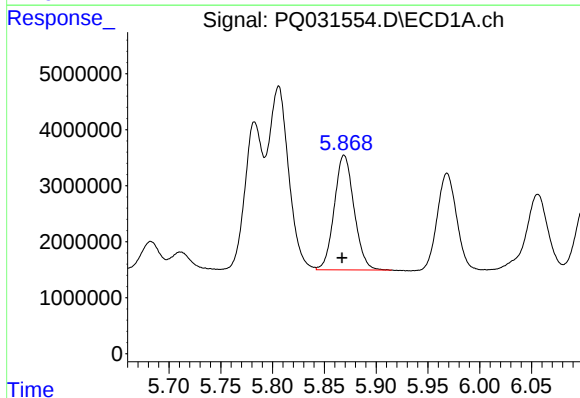
R.T.: 5.783 min
Delta R.T.: 0.001 min
Response: 30275511
Conc: 492.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



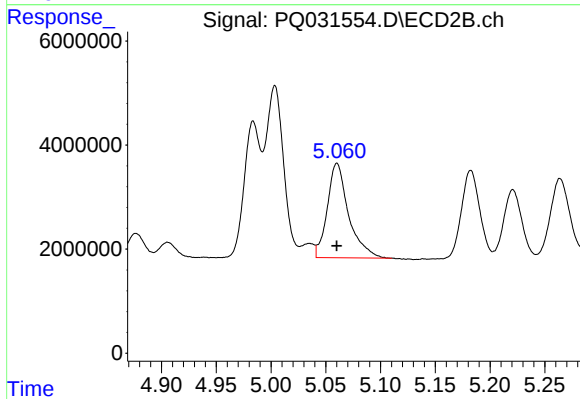
#5 AR-1016-3

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 37428839
Conc: 519.37 ng/ml



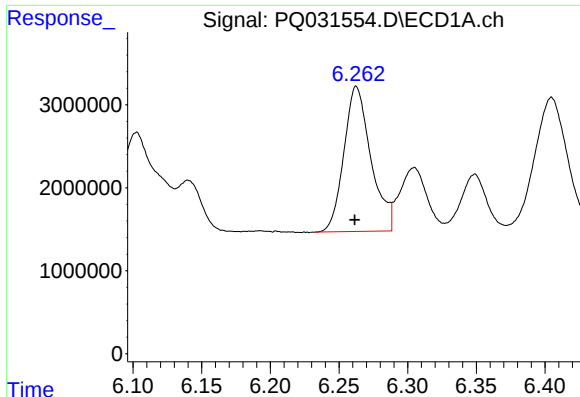
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: 0.002 min
Response: 27264364
Conc: 505.27 ng/ml



#6 AR-1016-4

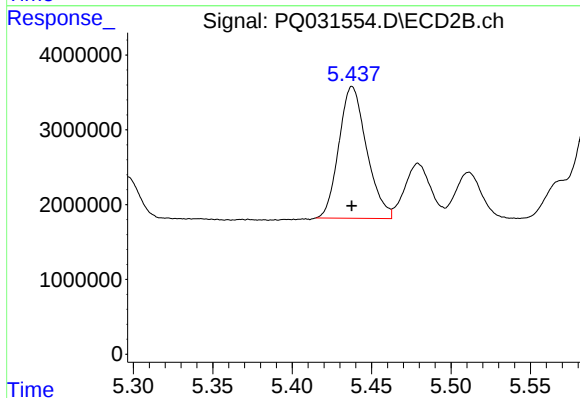
R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 24597257
Conc: 553.13 ng/ml



#7 AR-1016-5

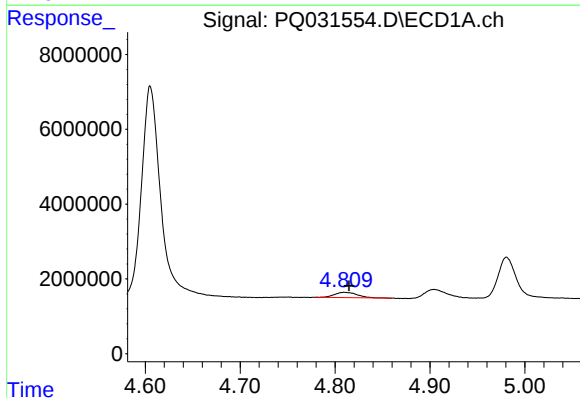
R.T.: 6.263 min
Delta R.T.: 0.001 min
Response: 23936015
Conc: 526.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



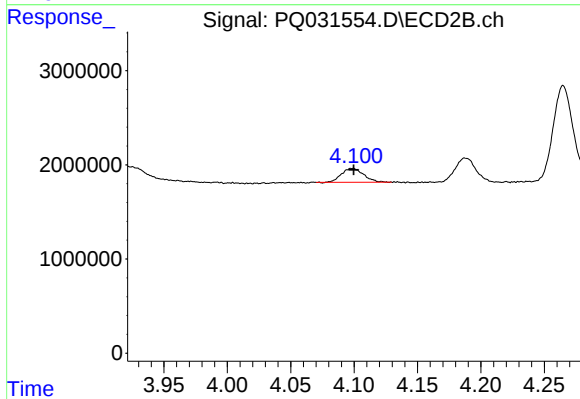
#7 AR-1016-5

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 21445001
Conc: 534.72 ng/ml



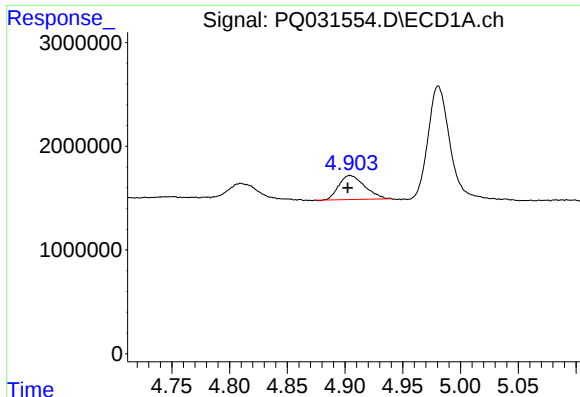
#8 AR-1221-1

R.T.: 4.810 min
Delta R.T.: -0.005 min
Response: 2314101
Conc: 132.20 ng/ml



#8 AR-1221-1

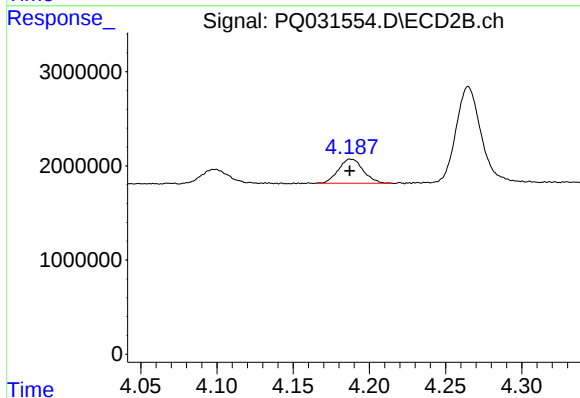
R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 1780964
Conc: 128.74 ng/ml



#9 AR-1221-2

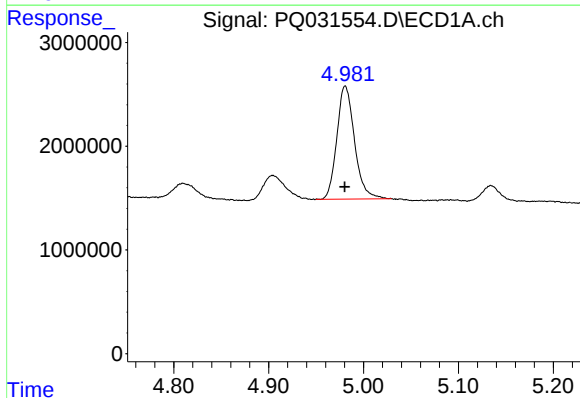
R.T.: 4.904 min
Delta R.T.: 0.002 min
Response: 3636356
Conc: 278.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



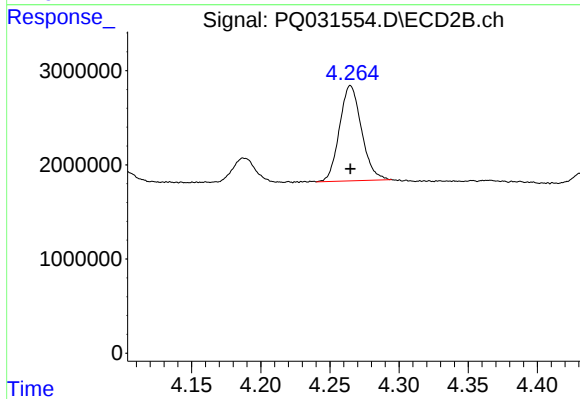
#9 AR-1221-2

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 2875609
Conc: 264.05 ng/ml



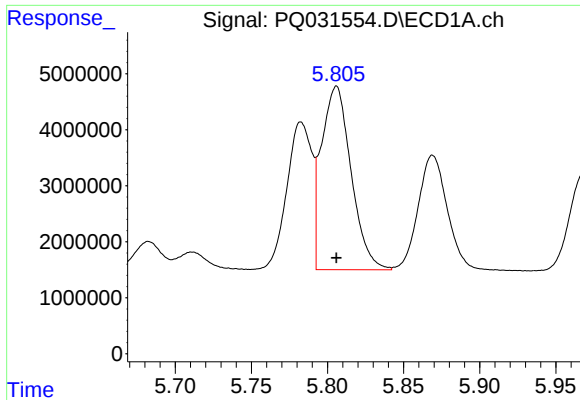
#10 AR-1221-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 14124935
Conc: 328.85 ng/ml



#10 AR-1221-3

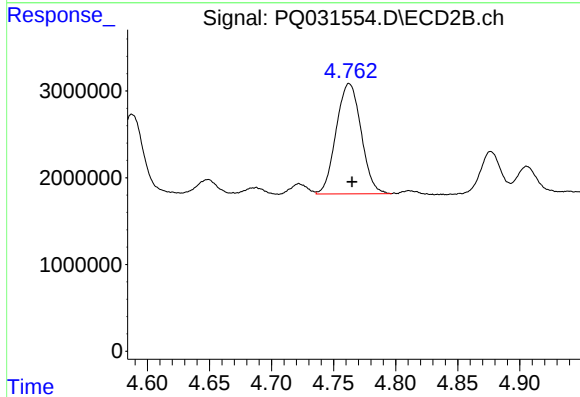
R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 11201303
Conc: 322.75 ng/ml



#11 AR-1232-1

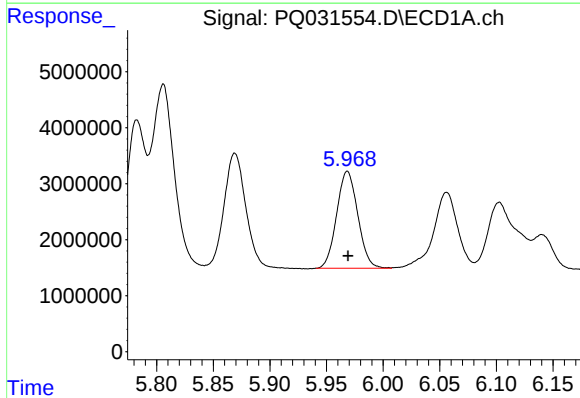
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 44374093
Conc: 1466.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



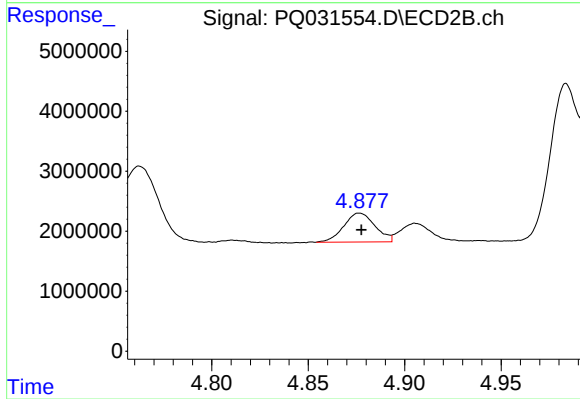
#11 AR-1232-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 17812046
Conc: 1412.10 ng/ml



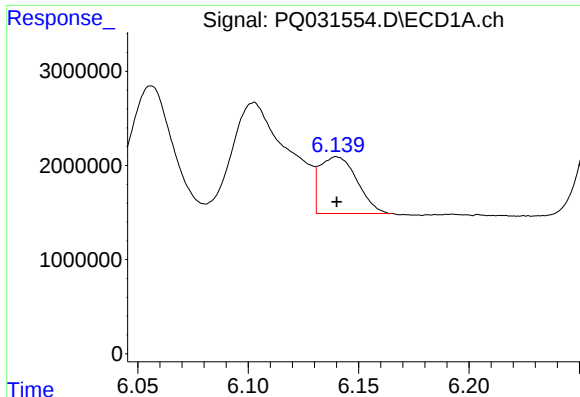
#12 AR-1232-2

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 22474908
Conc: 1449.65 ng/ml



#12 AR-1232-2

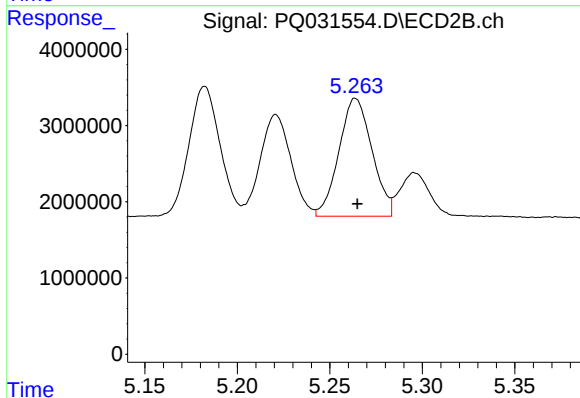
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 5442336
Conc: 1517.89 ng/ml



#13 AR-1232-3

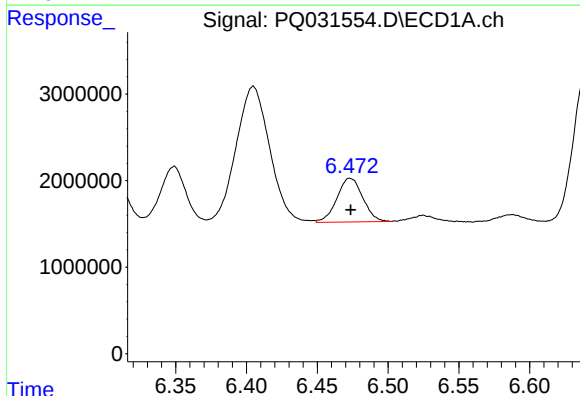
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 7091771
Conc: 1731.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



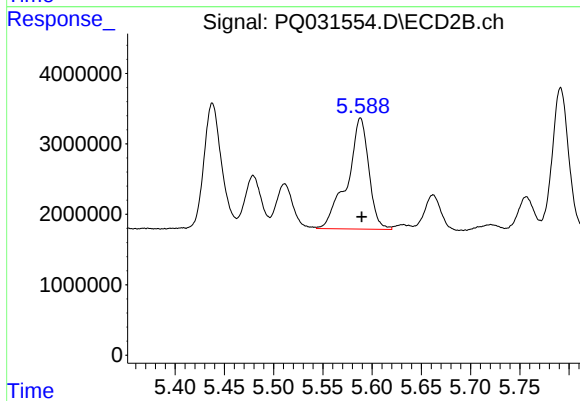
#13 AR-1232-3

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 19236440
Conc: 1560.47 ng/ml



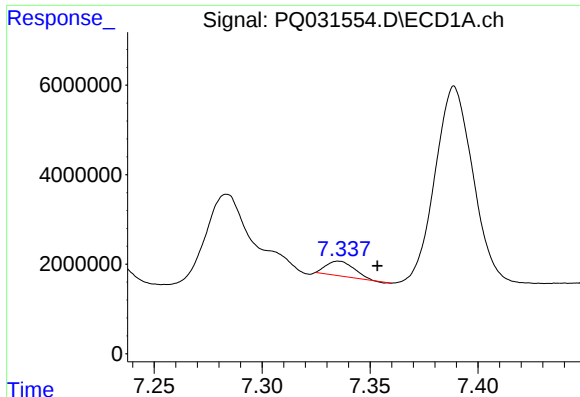
#14 AR-1232-4

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 6440859
Conc: 1450.35 ng/ml



#14 AR-1232-4

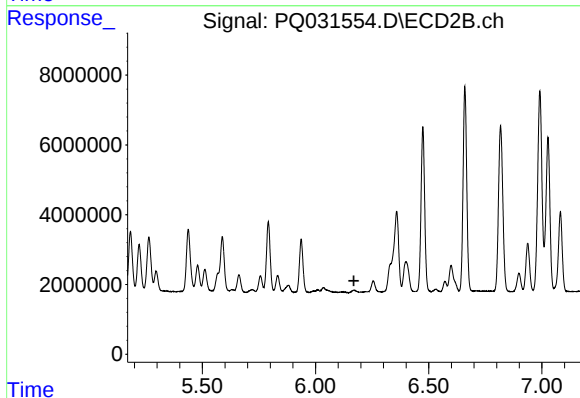
R.T.: 5.588 min
Delta R.T.: -0.001 min
Response: 23961981
Conc: 1587.41 ng/ml



#15 AR-1232-5

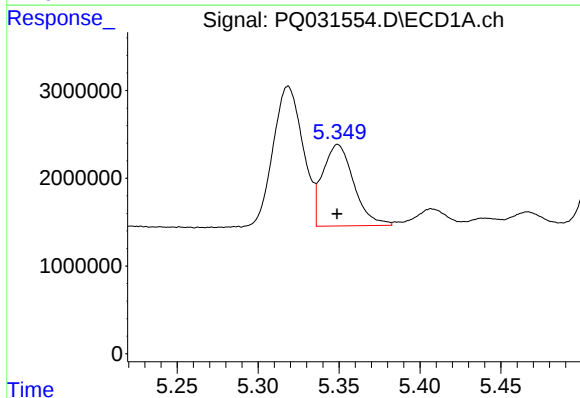
R.T.: 7.336 min
Delta R.T.: -0.018 min
Response: 2919309
Conc: 1097.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



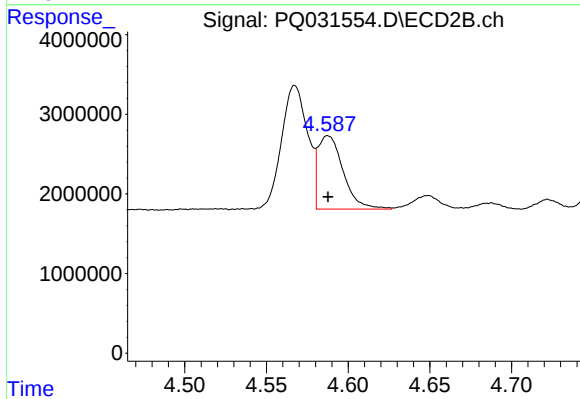
#15 AR-1232-5

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



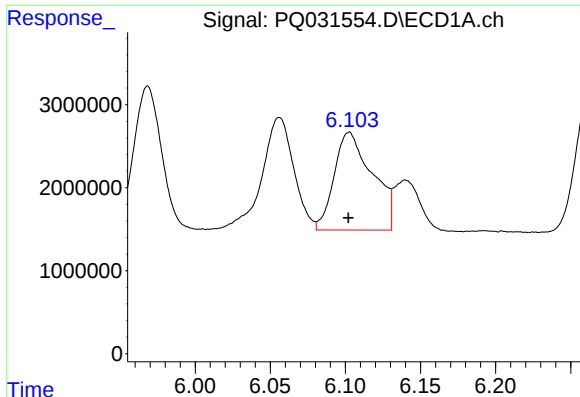
#16 AR-1242-1

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 12397538
Conc: 678.05 ng/ml



#16 AR-1242-1

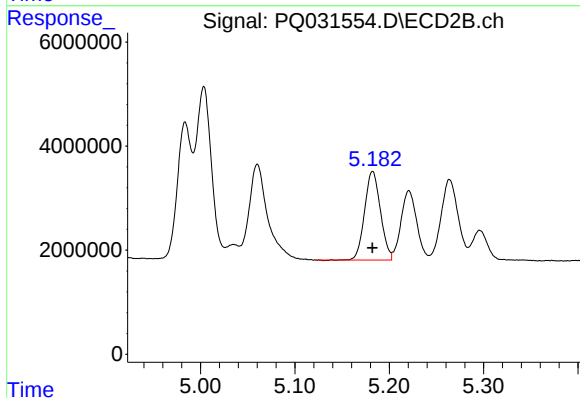
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 9896138
Conc: 707.48 ng/ml



#17 AR-1242-2

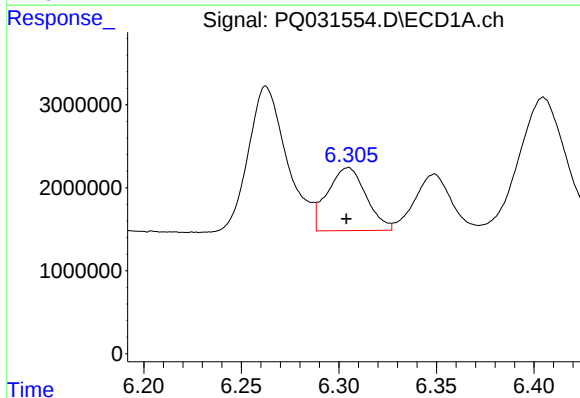
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 20857197
Conc: 677.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



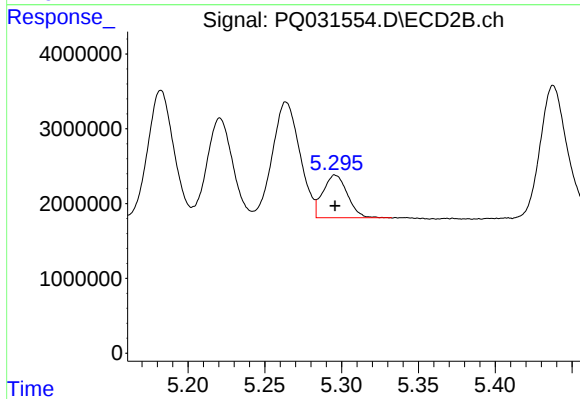
#17 AR-1242-2

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 19847228
Conc: 691.64 ng/ml



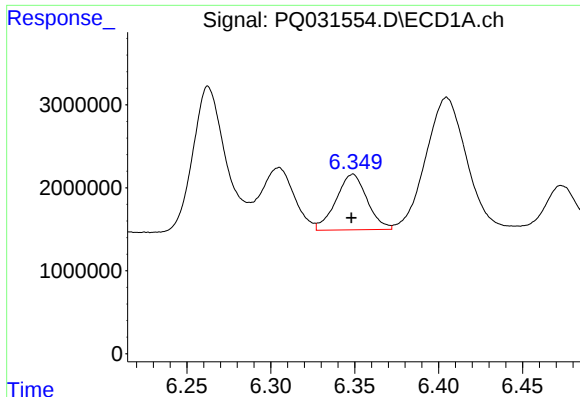
#18 AR-1242-3

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 10471759
Conc: 649.53 ng/ml



#18 AR-1242-3

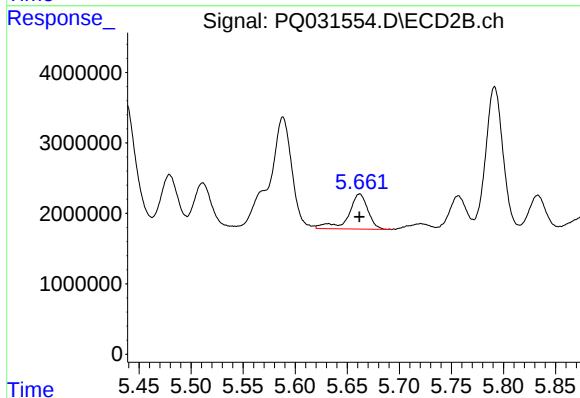
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 6343322
Conc: 660.16 ng/ml



#19 AR-1242-4

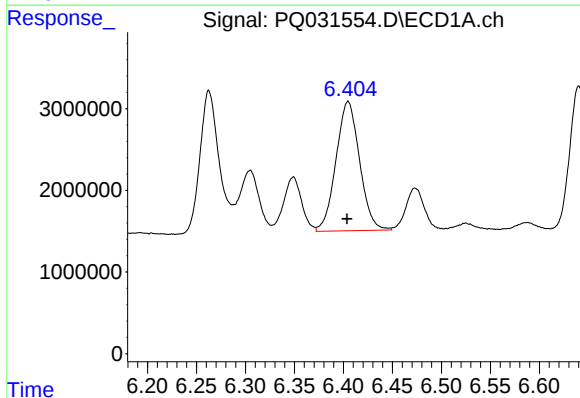
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 8635158
Conc: 635.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



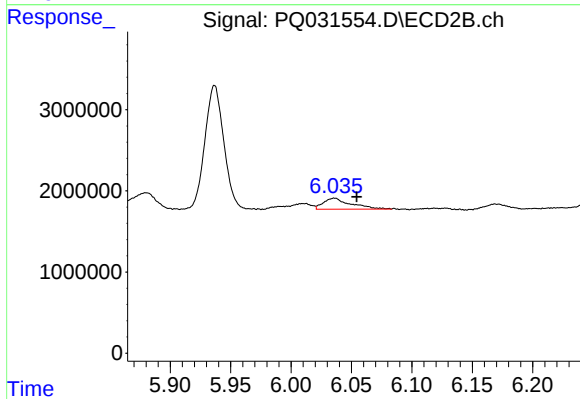
#19 AR-1242-4

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 6520889
Conc: 741.39 ng/ml



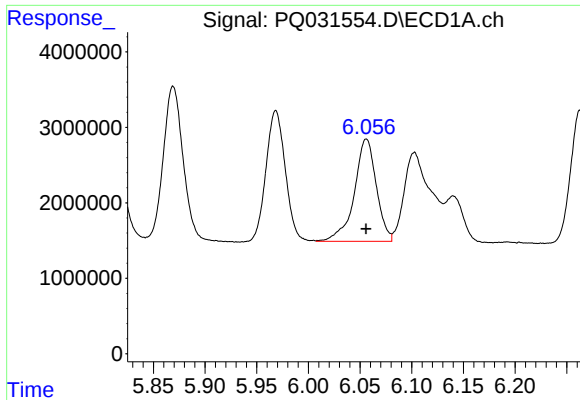
#20 AR-1242-5

R.T.: 6.405 min
Delta R.T.: 0.001 min
Response: 26484375
Conc: 675.37 ng/ml



#20 AR-1242-5

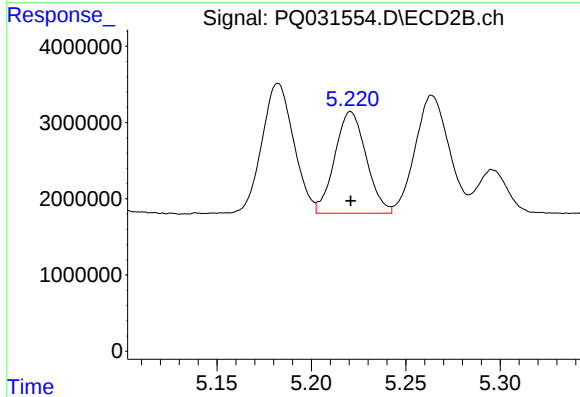
R.T.: 6.036 min
Delta R.T.: -0.018 min
Response: 2179483
Conc: 95.28 ng/ml



#21 AR-1248-1

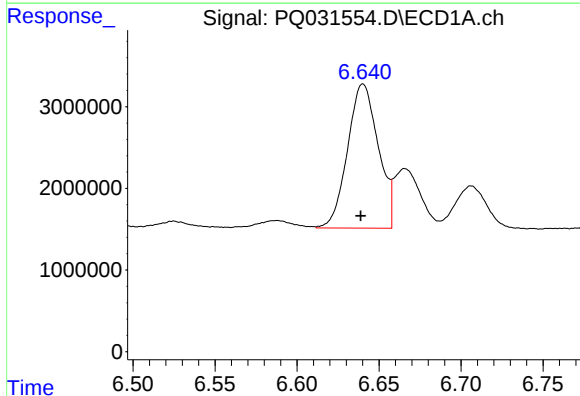
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 20119650
Conc: 354.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



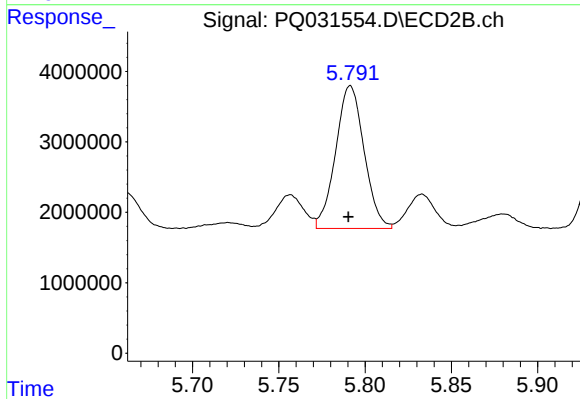
#21 AR-1248-1

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 15462290
Conc: 327.49 ng/ml



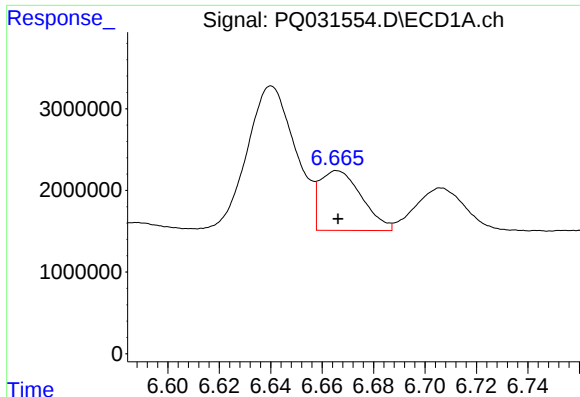
#22 AR-1248-2

R.T.: 6.640 min
Delta R.T.: 0.002 min
Response: 23006301
Conc: 387.32 ng/ml



#22 AR-1248-2

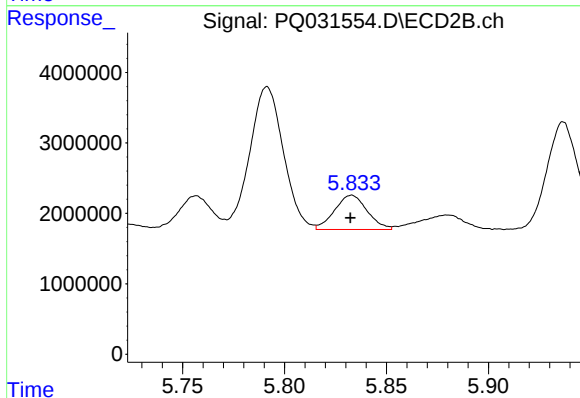
R.T.: 5.791 min
Delta R.T.: 0.001 min
Response: 23272176
Conc: 249.68 ng/ml



#23 AR-1248-3

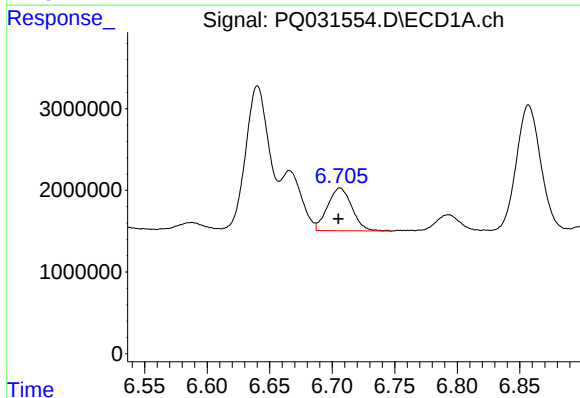
R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 8283453
Conc: 103.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



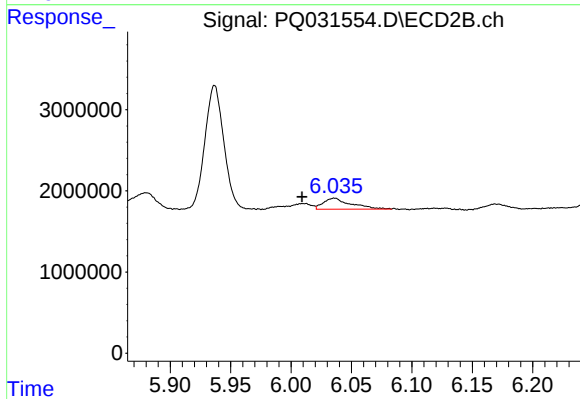
#23 AR-1248-3

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 5433895
Conc: 85.01 ng/ml



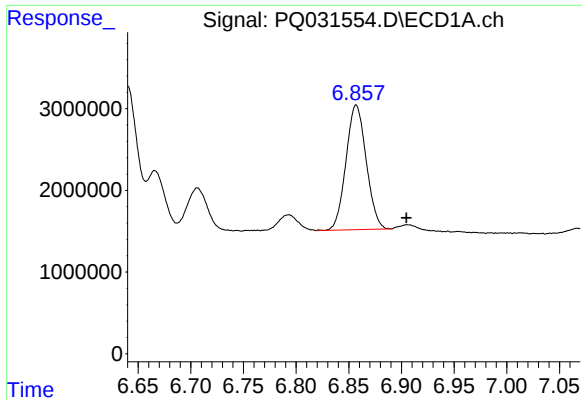
#24 AR-1248-4

R.T.: 6.706 min
Delta R.T.: 0.001 min
Response: 7094672
Conc: 93.22 ng/ml



#24 AR-1248-4

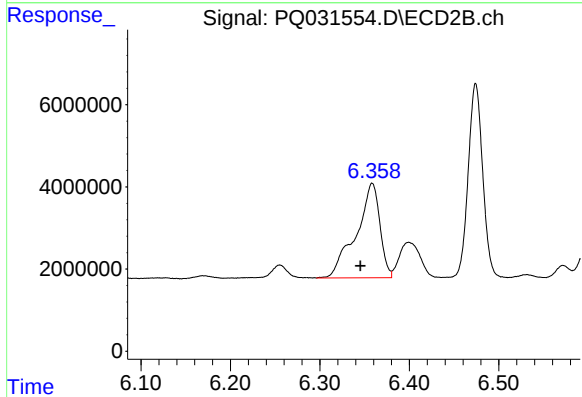
R.T.: 6.036 min
Delta R.T.: 0.027 min
Response: 2179483
Conc: 37.87 ng/ml



#25 AR-1248-5

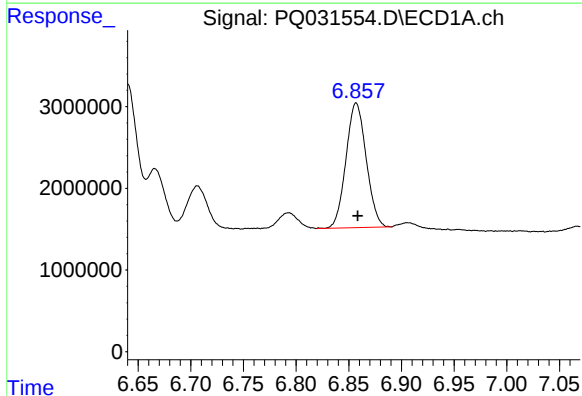
R.T.: 6.857 min
Delta R.T.: -0.048 min
Response: 20404739
Conc: 398.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



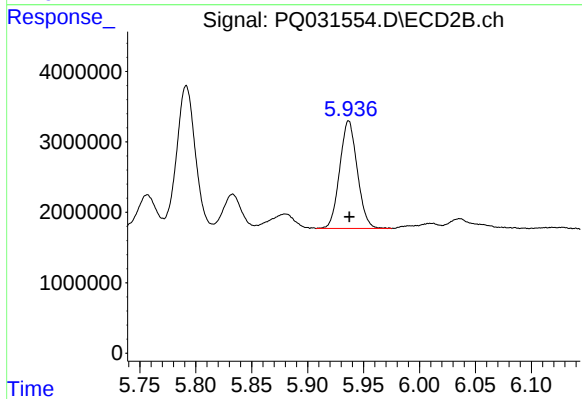
#25 AR-1248-5

R.T.: 6.359 min
Delta R.T.: 0.013 min
Response: 42476853
Conc: 919.73 ng/ml



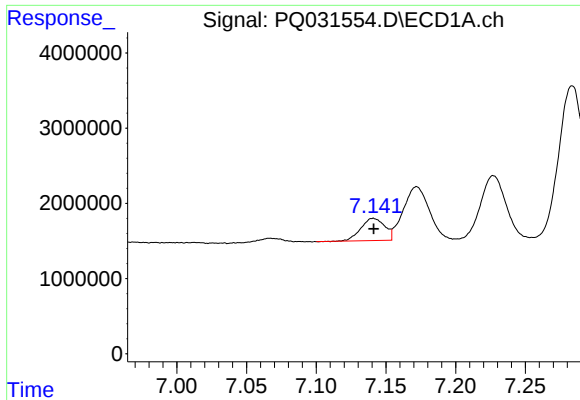
#26 AR-1254-1

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 20404739
Conc: 140.67 ng/ml



#26 AR-1254-1

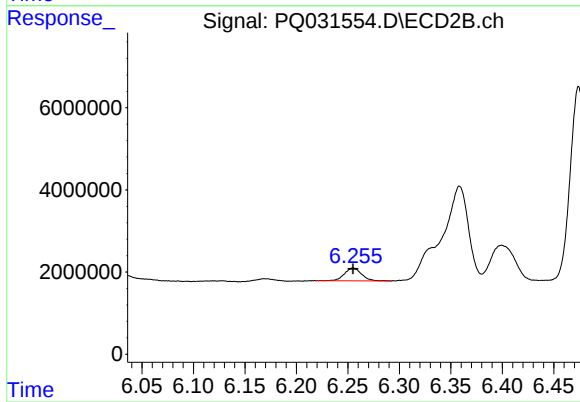
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 16740825
Conc: 167.70 ng/ml



#27 AR-1254-2

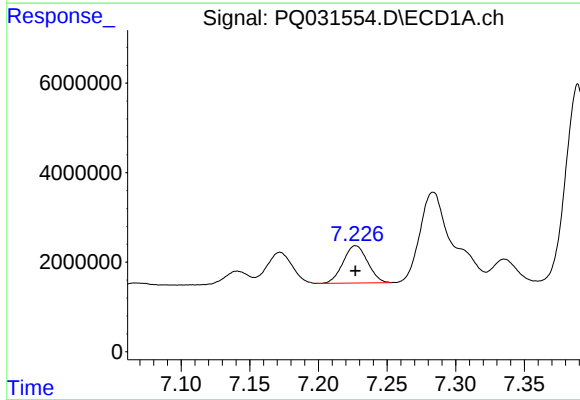
R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 3526209
Conc: 39.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



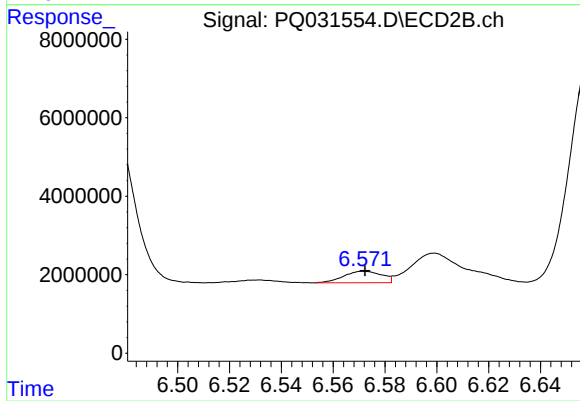
#27 AR-1254-2

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 3615241
Conc: 41.23 ng/ml



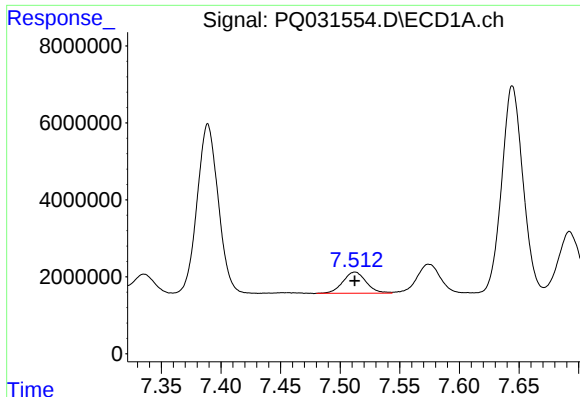
#28 AR-1254-3

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 10308207
Conc: 62.90 ng/ml



#28 AR-1254-3

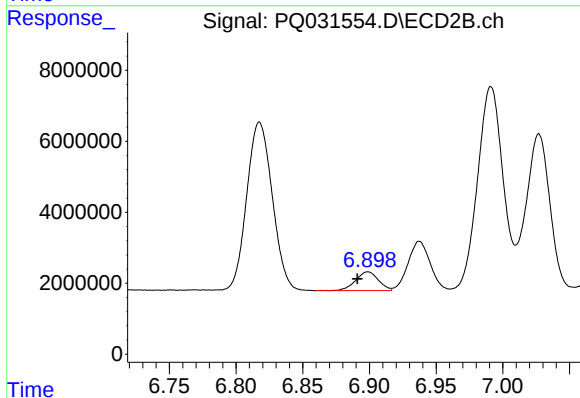
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 2996069
Conc: 25.93 ng/ml



#29 AR-1254-4

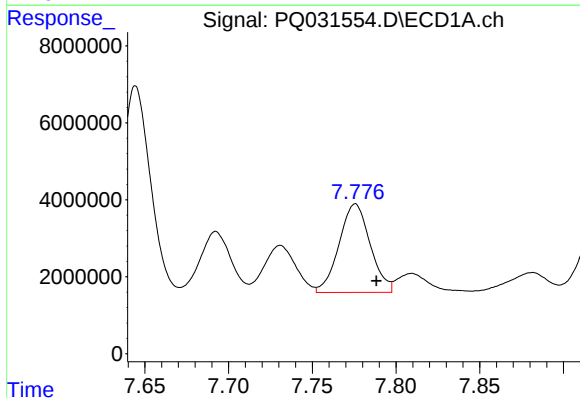
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 7497366
Conc: 61.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



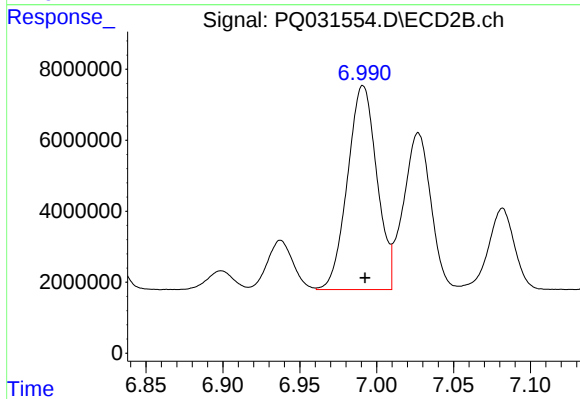
#29 AR-1254-4

R.T.: 6.899 min
Delta R.T.: 0.008 min
Response: 6326409
Conc: 76.19 ng/ml



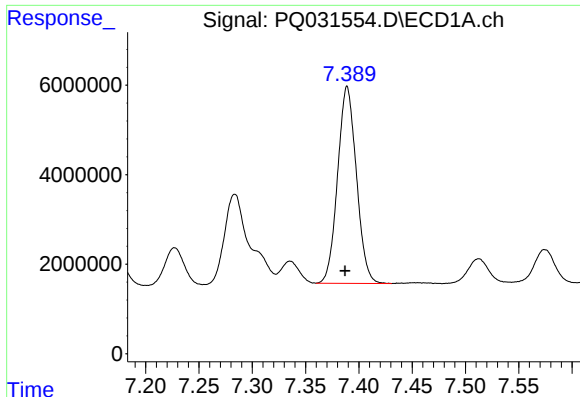
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: -0.013 min
Response: 29879326
Conc: 314.87 ng/ml



#30 AR-1254-5

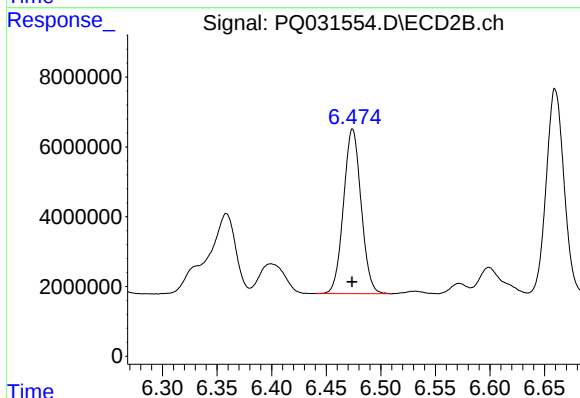
R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 76451113
Conc: 459.82 ng/ml



#31 AR-1260-1

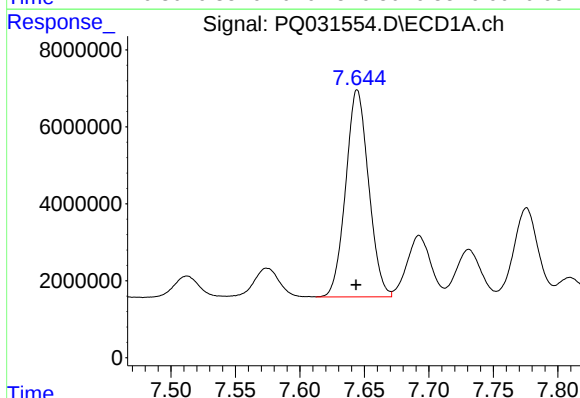
R.T.: 7.389 min
Delta R.T.: 0.002 min
Response: 53968890
Conc: 491.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



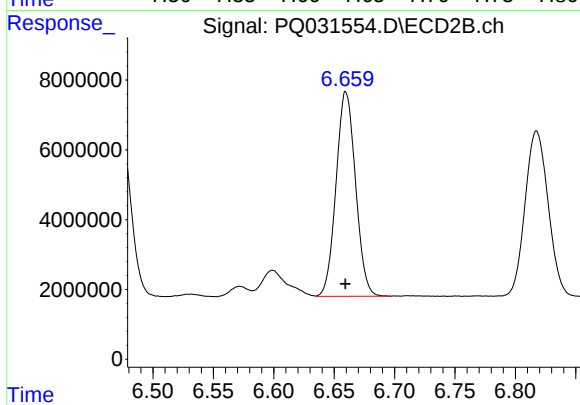
#31 AR-1260-1

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 52946219
Conc: 524.21 ng/ml



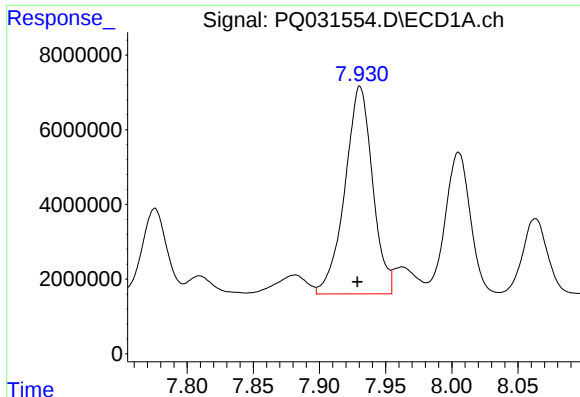
#32 AR-1260-2

R.T.: 7.644 min
Delta R.T.: 0.001 min
Response: 66554305
Conc: 502.33 ng/ml



#32 AR-1260-2

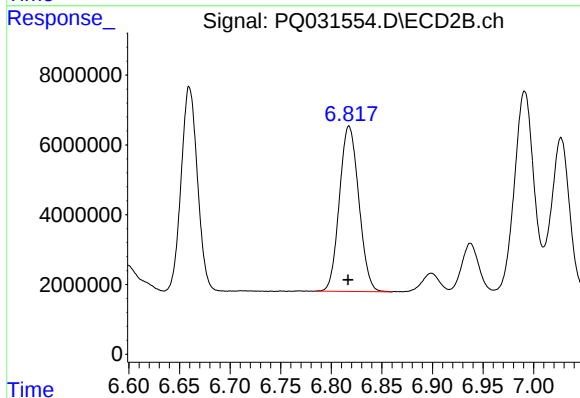
R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 65853597
Conc: 509.73 ng/ml



#33 AR-1260-3

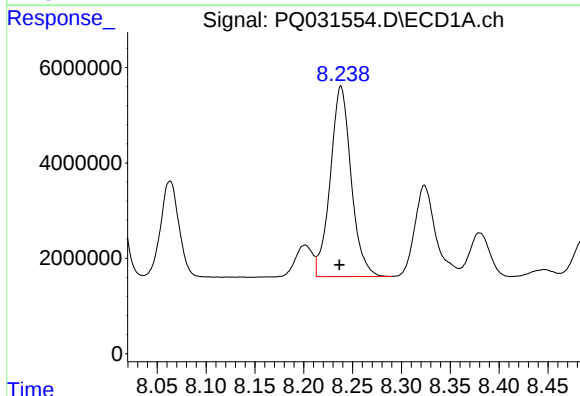
R.T.: 7.931 min
Delta R.T.: 0.002 min
Response: 80963770
Conc: 513.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



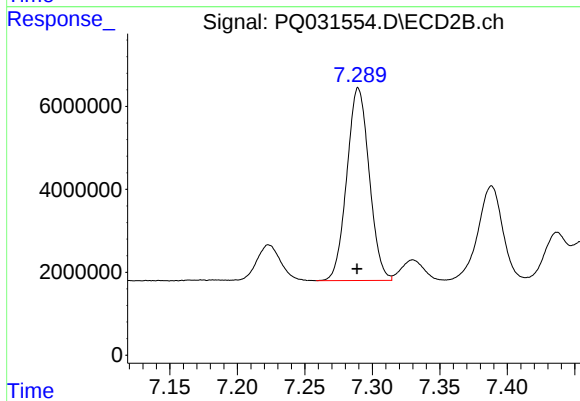
#33 AR-1260-3

R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 63096879
Conc: 524.72 ng/ml



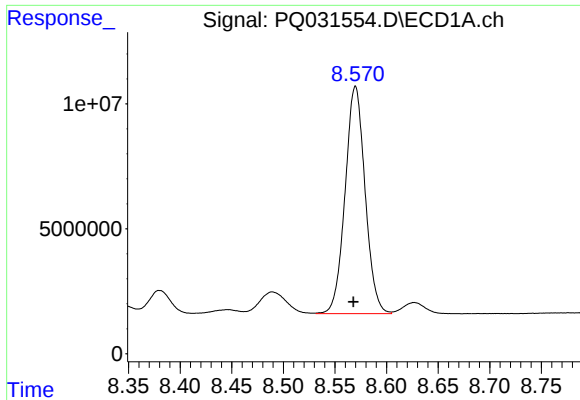
#34 AR-1260-4

R.T.: 8.238 min
Delta R.T.: 0.002 min
Response: 59388031
Conc: 507.85 ng/ml



#34 AR-1260-4

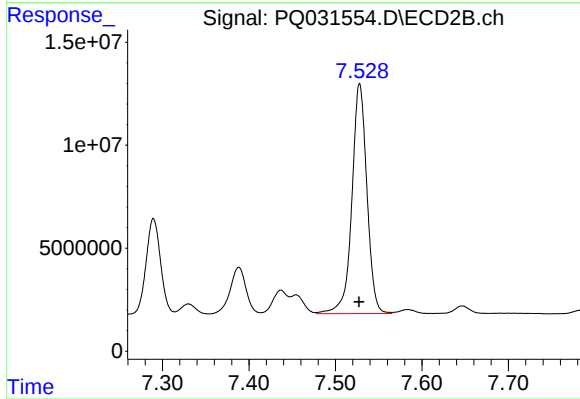
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 53648924
Conc: 518.81 ng/ml



#35 AR-1260-5

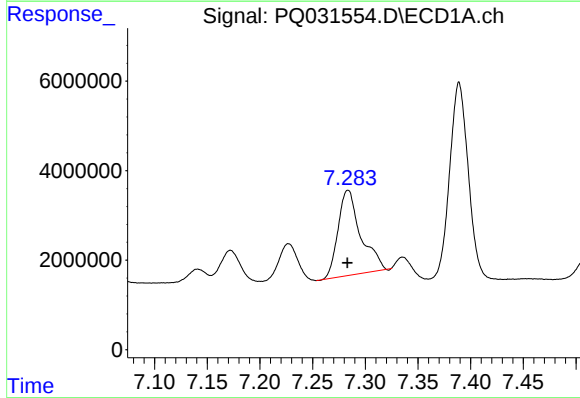
R.T.: 8.570 min
Delta R.T.: 0.002 min
Response: 122645913
Conc: 516.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



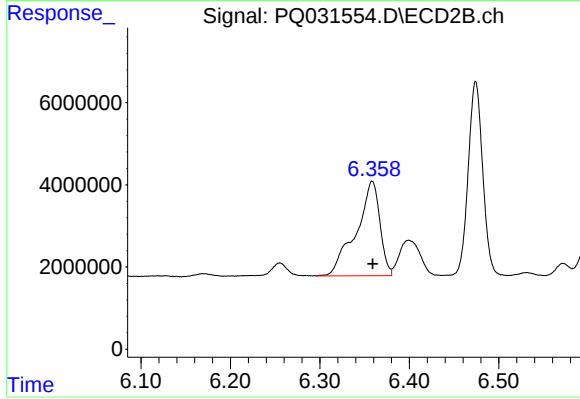
#35 AR-1260-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 135125181
Conc: 530.66 ng/ml



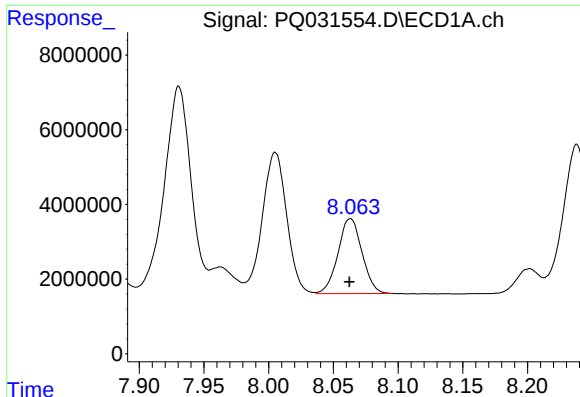
#36 AR-1262-1

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 28439716
Conc: 493.76 ng/ml



#36 AR-1262-1

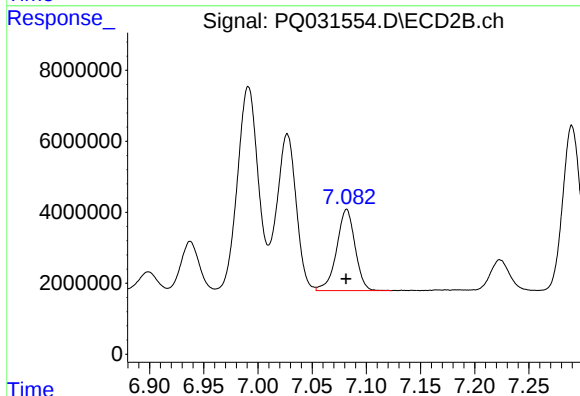
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 42476853
Conc: 846.47 ng/ml



#37 AR-1262-2

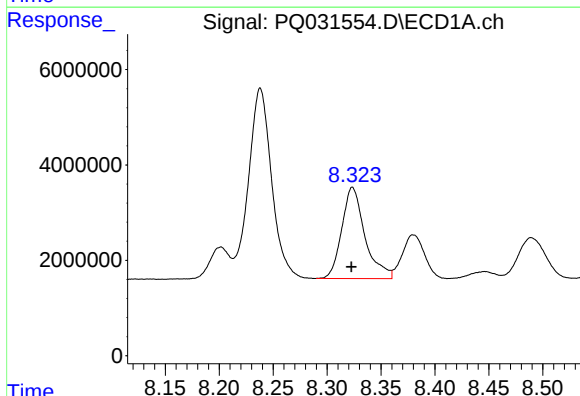
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 25903789
Conc: 484.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



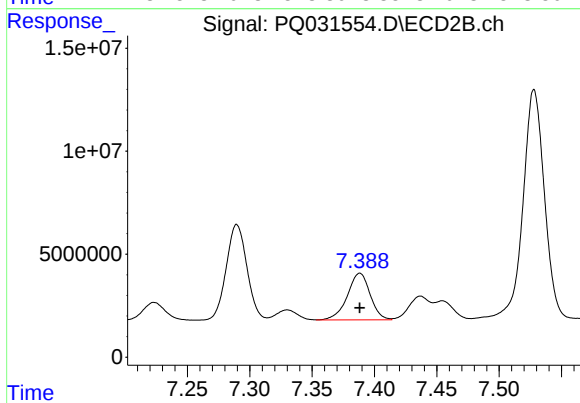
#37 AR-1262-2

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 27201593
Conc: 499.82 ng/ml



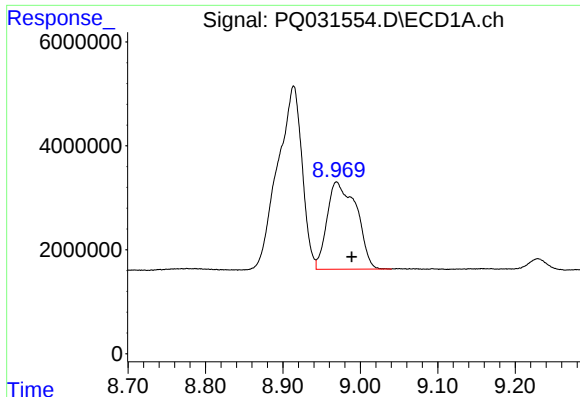
#38 AR-1262-3

R.T.: 8.323 min
Delta R.T.: 0.001 min
Response: 28598213
Conc: 467.50 ng/ml



#38 AR-1262-3

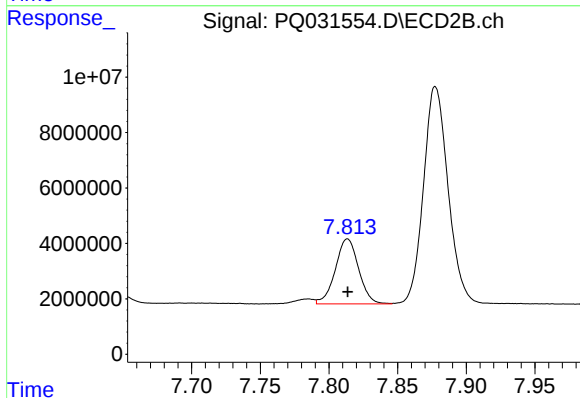
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 28852327
Conc: 465.24 ng/ml



#39 AR-1262-4

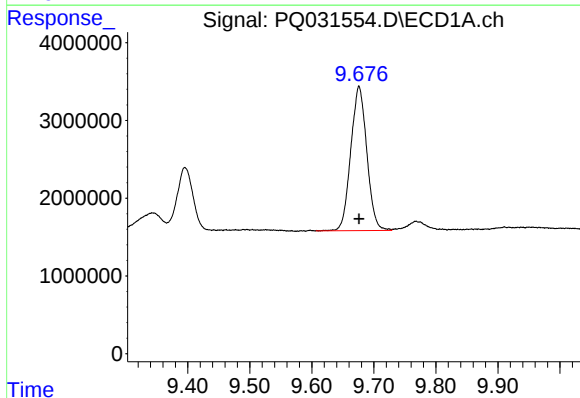
R.T.: 8.969 min
Delta R.T.: -0.020 min
Response: 44355040
Conc: 346.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



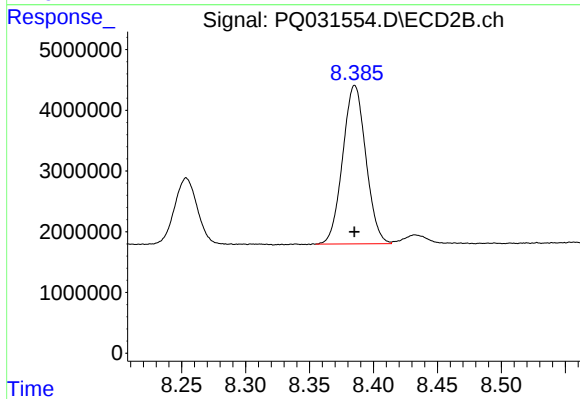
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 27659430
Conc: 264.09 ng/ml



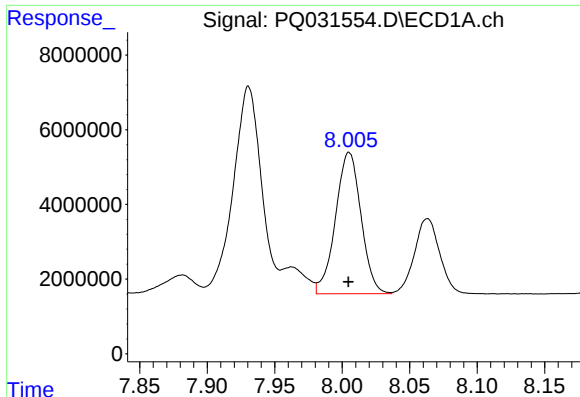
#40 AR-1262-5

R.T.: 9.676 min
Delta R.T.: 0.000 min
Response: 33322185
Conc: 345.63 ng/ml



#40 AR-1262-5

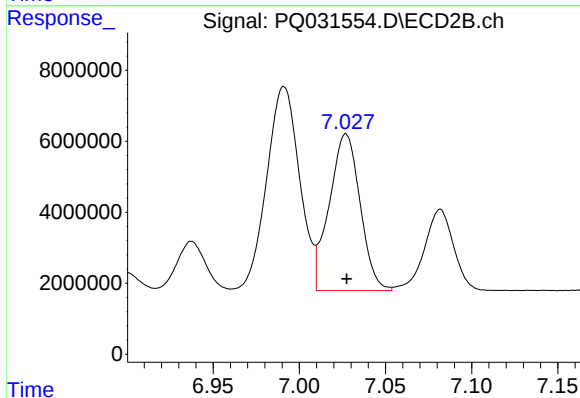
R.T.: 8.385 min
Delta R.T.: 0.000 min
Response: 32918702
Conc: 347.93 ng/ml



#41 AR-1268-1

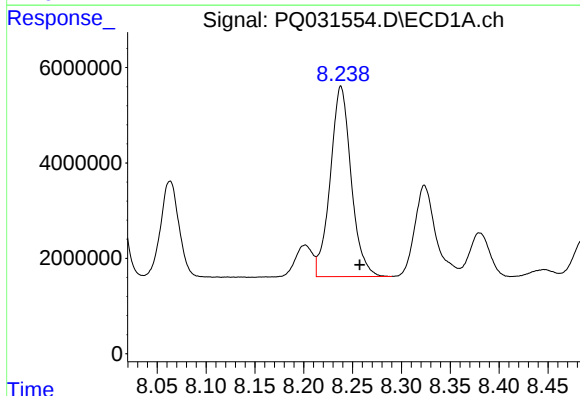
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 49805441
Conc: 938.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



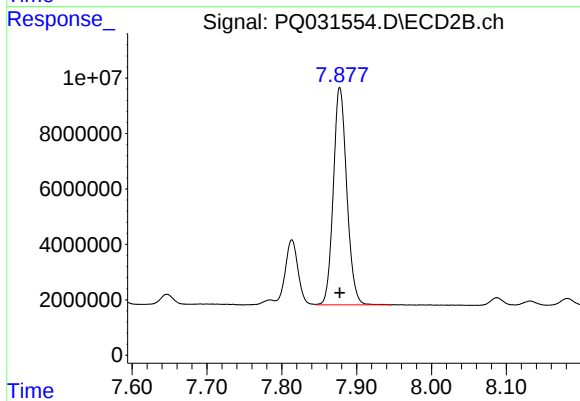
#41 AR-1268-1

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 55099236
Conc: 1023.26 ng/ml



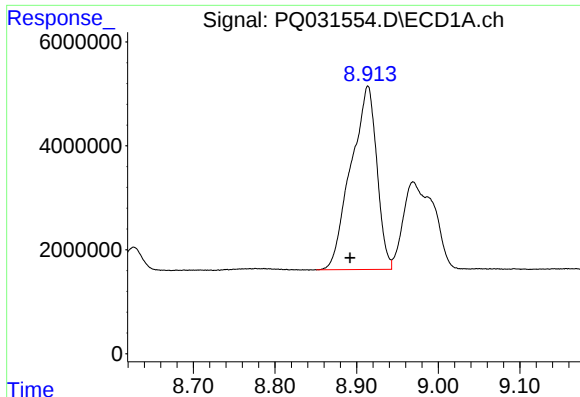
#42 AR-1268-2

R.T.: 8.238 min
Delta R.T.: -0.019 min
Response: 59388031
Conc: 850.90 ng/ml



#42 AR-1268-2

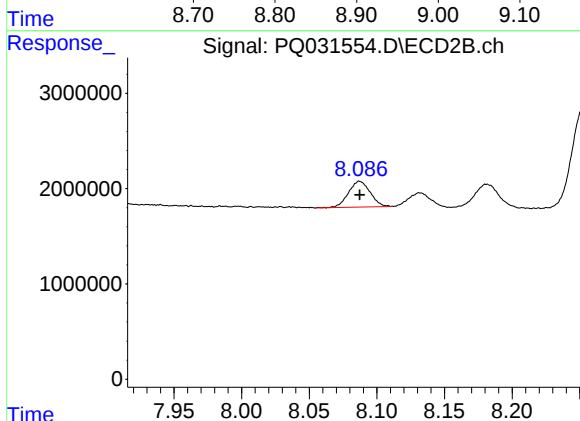
R.T.: 7.878 min
Delta R.T.: 0.000 min
Response: 98067298
Conc: 324.42 ng/ml



#43 AR-1268-3

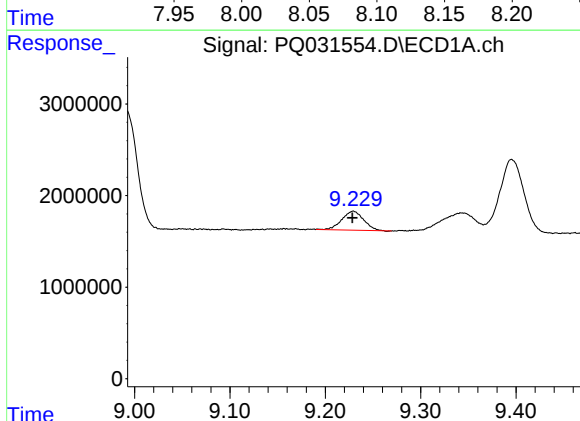
R.T.: 8.914 min
Delta R.T.: 0.022 min
Response: 77642373
Conc: 238.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



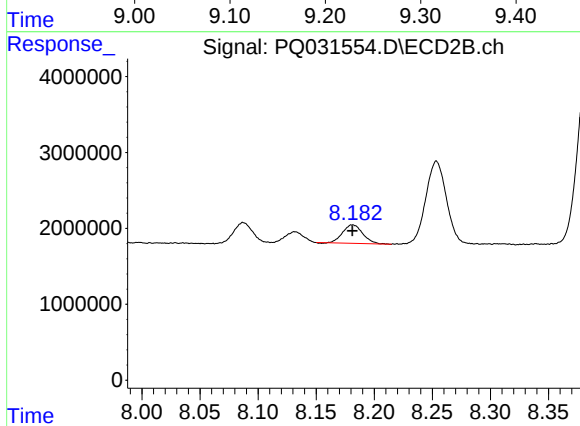
#43 AR-1268-3

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 3033931
Conc: 12.13 ng/ml



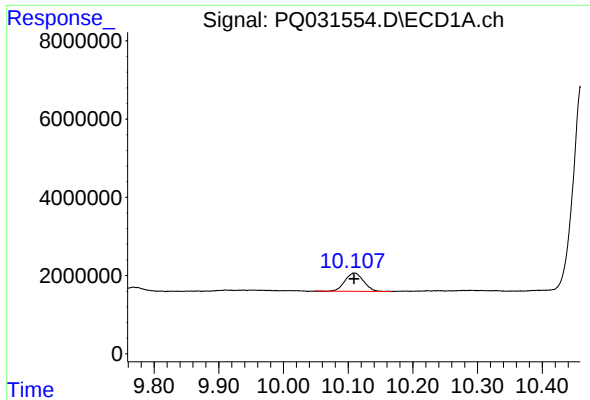
#44 AR-1268-4

R.T.: 9.229 min
Delta R.T.: 0.000 min
Response: 3260240
Conc: 13.04 ng/ml



#44 AR-1268-4

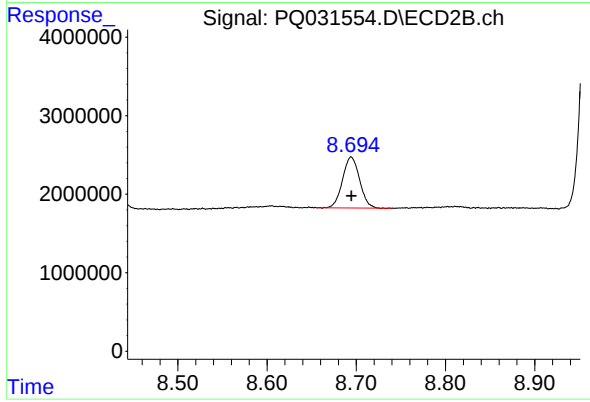
R.T.: 8.181 min
Delta R.T.: 0.000 min
Response: 2930105
Conc: 43.55 ng/ml



#45 AR-1268-5

R.T.: 10.110 min
Delta R.T.: 0.000 min
Response: 9348509
Conc: 10.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 8583351
Conc: 10.19 ng/ml