

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081418\
 Data File : PQ031082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2018 08:14 am
 Operator : SM\SJ
 Sample : AR1660CCC400
 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: Aug 14 09:07:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 13 07:57:53 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.608	3.889	36342172	37940499	18.281	19.525
2)	SA Decachlor...	10.469	8.980	81462346	93182626	40.962	42.276
Target Compounds							
3)	L1 AR-1016-1	5.321	4.574	18288242	18856536	369.613	376.443
4)	L1 AR-1016-2	5.517	4.990	18897400	27359105	379.488	376.223
5)	L1 AR-1016-3	5.786	5.010	26934416	45524166	377.670	421.414
6)	L1 AR-1016-4	5.871	5.068	26051097	29683255	387.177	413.816
7)	L1 AR-1016-5	6.266	5.445	22449380	24387780	394.923	382.038
8)	L2 AR-1221-1	4.814	4.105	1775572	2136408	77.874	91.661
9)	L2 AR-1221-2	4.907	4.194	2647354	2488750	137.028	139.198
10)	L2 AR-1221-3	4.984	4.271	12435720	12707043	210.452	202.490
11)	L3 AR-1232-1	5.809	4.769	40888732	20269655	907.519	932.197
12)	L3 AR-1232-2	5.972	5.010	20420120	45524166	891.975	1107.597
13)	L3 AR-1232-3	6.059	5.271	13801051	21975379	948.783	1270.144 #
14)	L3 AR-1232-4	6.669	5.596	7643557	13272214	240.662	823.728 #
15)	L3 AR-1232-5	6.709	5.840	6391410	6057221	219.139	284.529 #
16)	L4 AR-1242-1	5.352	4.594	10777552	10957500	506.455	511.919
17)	L4 AR-1242-2	6.105	5.190	17483151	22766239	472.273	544.678
18)	L4 AR-1242-3	6.307	5.228	9972540	17903459	533.025	546.318
19)	L4 AR-1242-4	6.352	6.042	7739494	2984446	565.059	72.301 #
20)	L4 AR-1242-5	6.407	6.042	23885683	2984446	511.078	85.054 #
21)	L5 AR-1248-1	6.059	5.228	13801051	17903459	213.235	264.390
22)	L5 AR-1248-2	6.643	5.799	20701606	25537519	296.999	187.186 #
23)	L5 AR-1248-3	6.669	5.840	7643557	6057221	84.137	65.406
24)	L5 AR-1248-4	6.709	6.042	6391410	2984446	73.375	37.407 #
25)	L5 AR-1248-5	6.859	6.366	18361895	47222182	318.815	653.995 #
26)	L6 AR-1254-1	6.859	5.944	18361895	19243405	114.843	135.818
27)	L6 AR-1254-2	7.144	6.263	3018946	3673785	30.684	30.723
28)	L6 AR-1254-3	7.229	6.580	9692295	2899428	54.208	16.308 #
29)	L6 AR-1254-4	7.515	6.907	6107069	6407335	46.721	59.773 #
30)	L6 AR-1254-5	7.778	6.999	26196954	78245636	261.230	354.668 #
31)	L7 AR-1260-1	7.392	6.483	50113007	59526303	400.071	400.249
32)	L7 AR-1260-2	7.648	6.668	58769427	72208803	389.309	405.178
33)	L7 AR-1260-3	7.933	6.826	64670520	69700729	359.978	405.461
34)	L7 AR-1260-4	8.241	7.298	39705952	56124797	307.681	405.831 #
35)	L7 AR-1260-5	8.573	7.536	100.9E6	132.1E6	391.762	413.065
36)	L8 AR-1262-1	7.286	6.366	31100555	47222182	390.807	396.016
37)	L8 AR-1262-2	8.066	7.089	21996257	31243698	298.845	325.950
38)	L8 AR-1262-3	8.326	7.396	23977348	29849806	271.728	310.080
39)	L8 AR-1262-4	8.974	7.822	35454742	27279932	234.693	161.136 #
40)	L8 AR-1262-5	9.680	8.394	23660742	26269856	237.282	229.692
41)	L9 AR-1268-1	8.008	7.036	38889624	62699843	530.614	714.301 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081418\
 Data File : PQ031082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2018 08:14 am
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

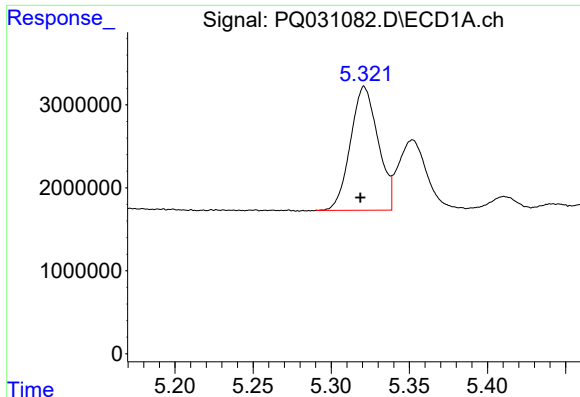
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 09:07:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 13 07:57:53 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.241	7.886	39705952	94866038	400.961	198.385 #
43) L9	AR-1268-3	8.917	8.097	61609666	1498362	145.922	3.832 #
44) L9	AR-1268-4	0.000	8.190	0	1496706	N.D.	15.323 #
45) L9	AR-1268-5	10.115	8.705	6915112	6353813	7.726	5.829

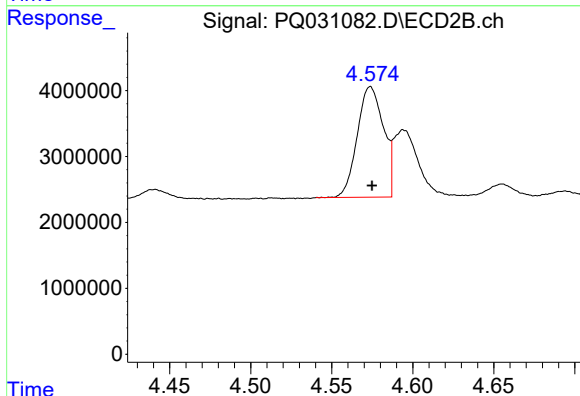
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

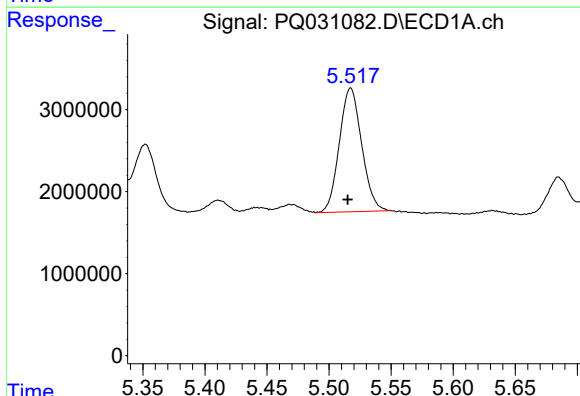
R.T.: 5.321 min
Delta R.T.: 0.003 min
Response: 18288242
Conc: 369.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



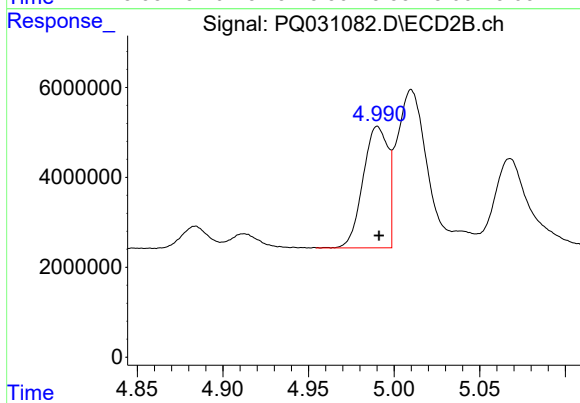
#3 AR-1016-1

R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 18856536
Conc: 376.44 ng/ml



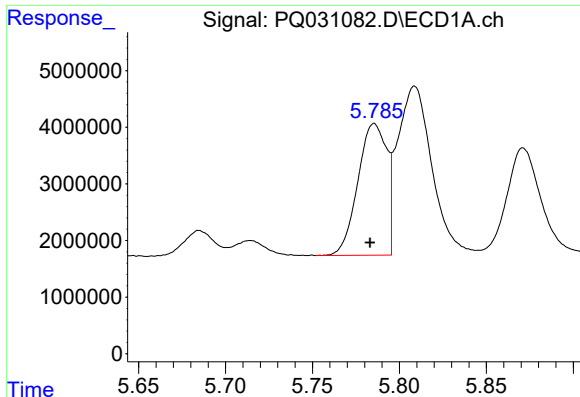
#4 AR-1016-2

R.T.: 5.517 min
Delta R.T.: 0.002 min
Response: 18897400
Conc: 379.49 ng/ml



#4 AR-1016-2

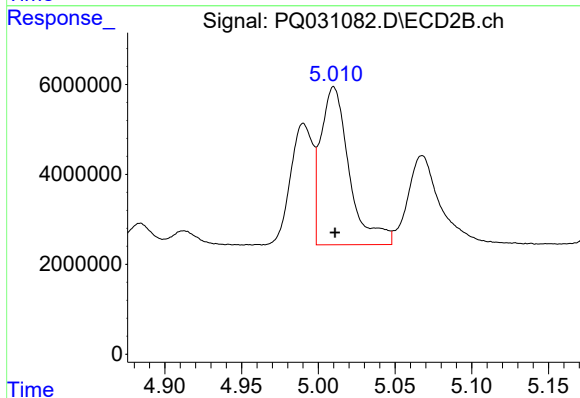
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 27359105
Conc: 376.22 ng/ml



#5 AR-1016-3

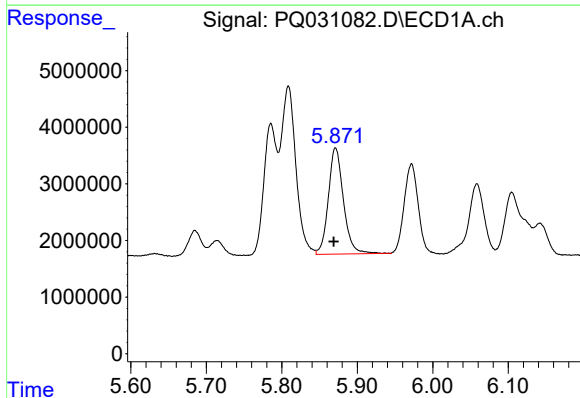
R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 26934416
Conc: 377.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



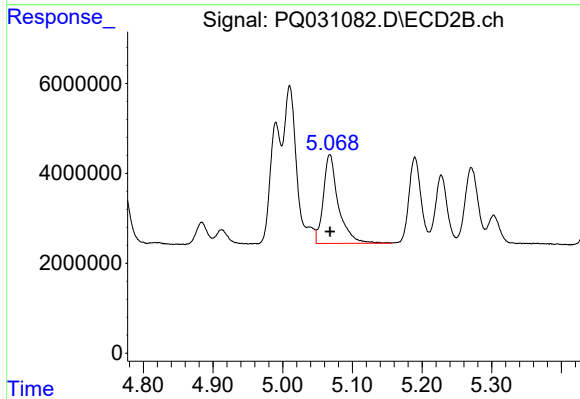
#5 AR-1016-3

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 45524166
Conc: 421.41 ng/ml



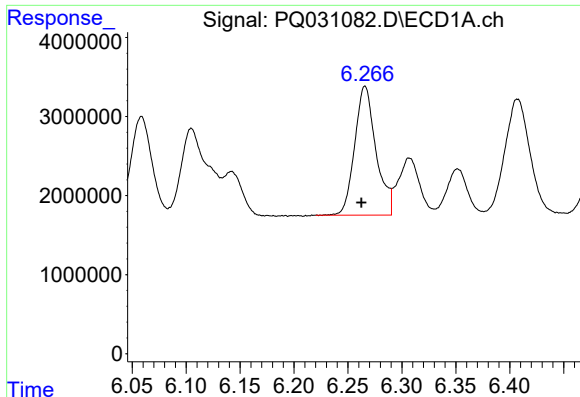
#6 AR-1016-4

R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 26051097
Conc: 387.18 ng/ml



#6 AR-1016-4

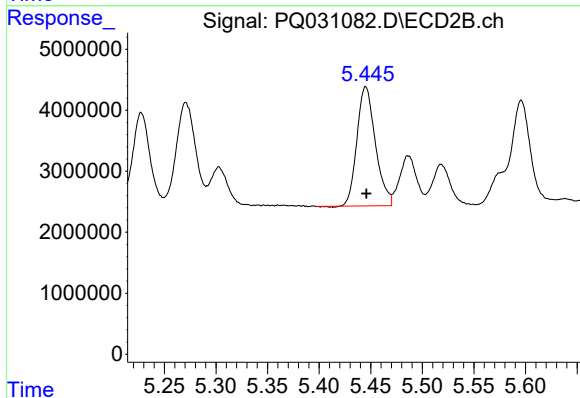
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 29683255
Conc: 413.82 ng/ml



#7 AR-1016-5

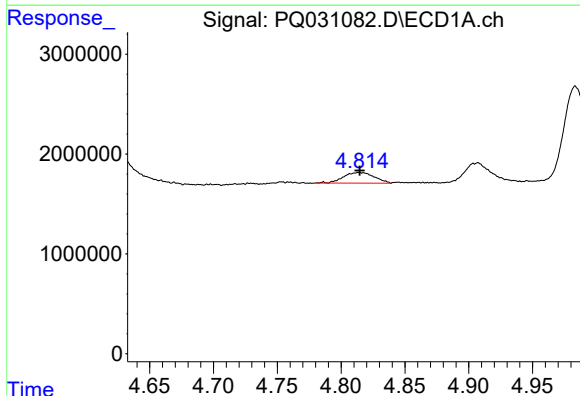
R.T.: 6.266 min
Delta R.T.: 0.003 min
Response: 22449380
Conc: 394.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



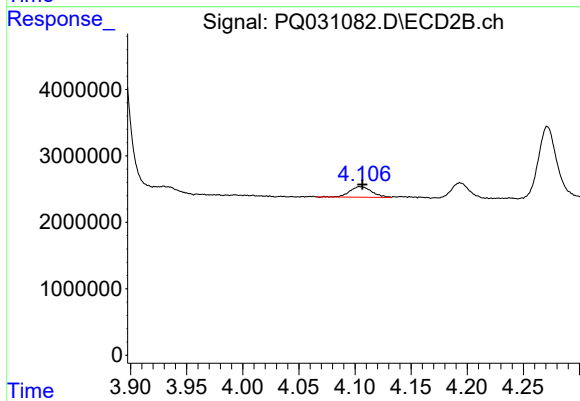
#7 AR-1016-5

R.T.: 5.445 min
Delta R.T.: 0.000 min
Response: 24387780
Conc: 382.04 ng/ml



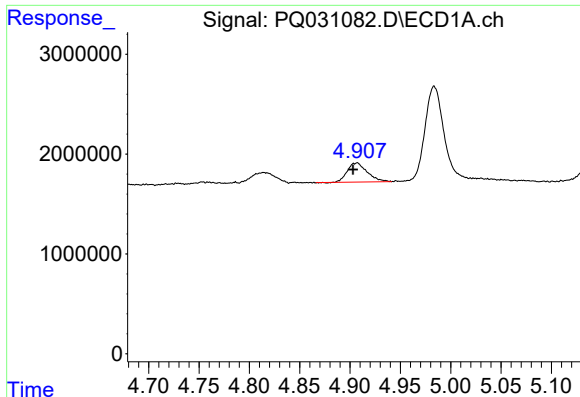
#8 AR-1221-1

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 1775572
Conc: 77.87 ng/ml



#8 AR-1221-1

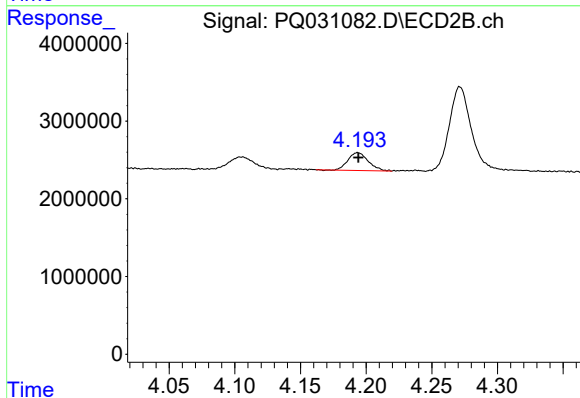
R.T.: 4.105 min
Delta R.T.: -0.002 min
Response: 2136408
Conc: 91.66 ng/ml



#9 AR-1221-2

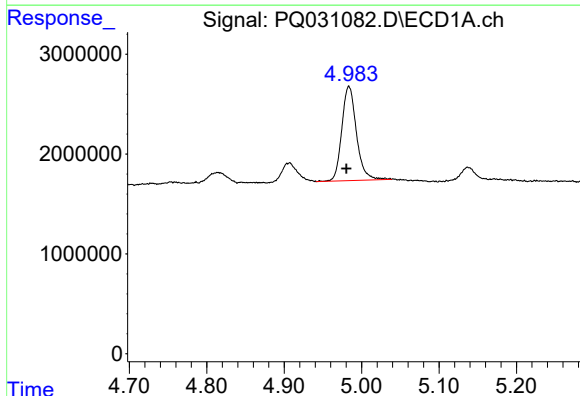
R.T.: 4.907 min
Delta R.T.: 0.004 min
Response: 2647354
Conc: 137.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



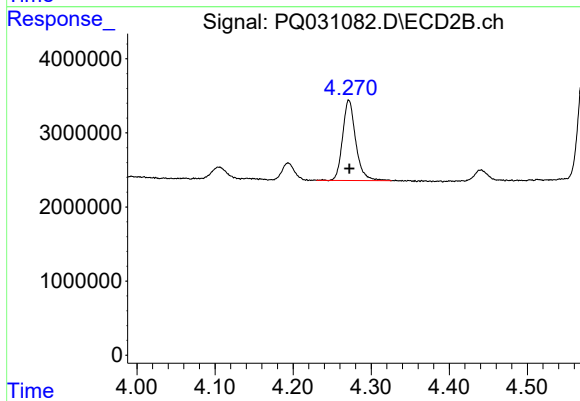
#9 AR-1221-2

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 2488750
Conc: 139.20 ng/ml



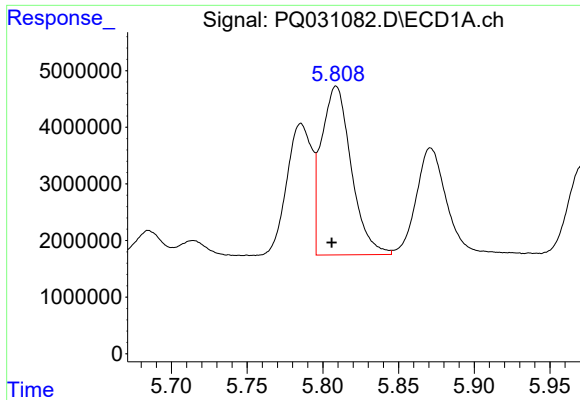
#10 AR-1221-3

R.T.: 4.984 min
Delta R.T.: 0.003 min
Response: 12435720
Conc: 210.45 ng/ml



#10 AR-1221-3

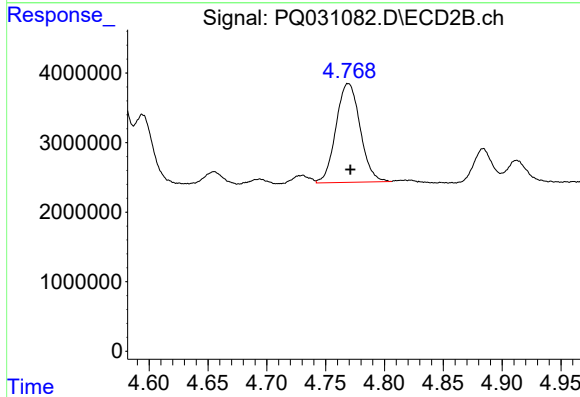
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 12707043
Conc: 202.49 ng/ml



#11 AR-1232-1

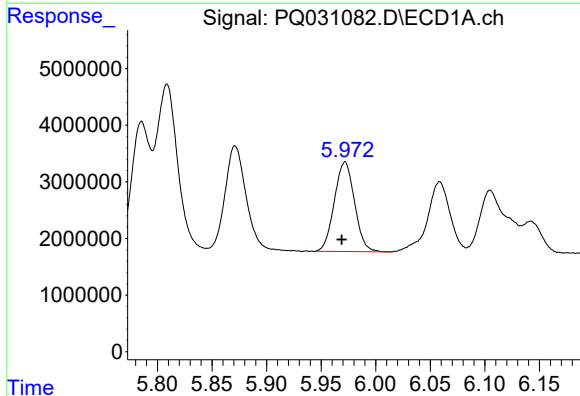
R.T.: 5.809 min
Delta R.T.: 0.003 min
Response: 40888732
Conc: 907.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



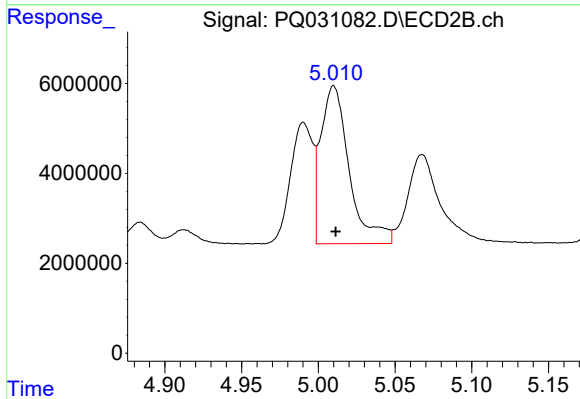
#11 AR-1232-1

R.T.: 4.769 min
Delta R.T.: -0.002 min
Response: 20269655
Conc: 932.20 ng/ml



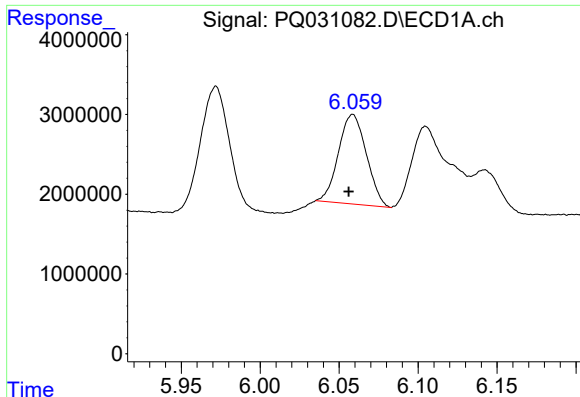
#12 AR-1232-2

R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 20420120
Conc: 891.98 ng/ml



#12 AR-1232-2

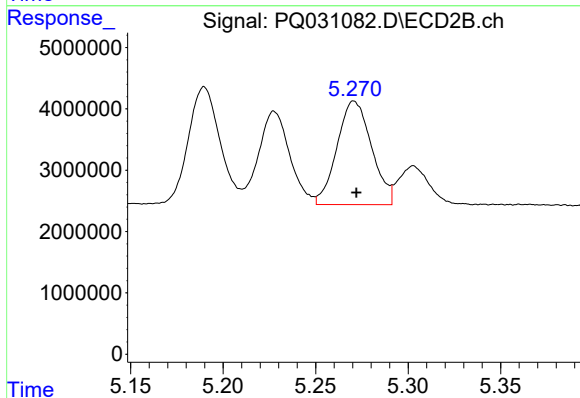
R.T.: 5.010 min
Delta R.T.: -0.001 min
Response: 45524166
Conc: 1107.60 ng/ml



#13 AR-1232-3

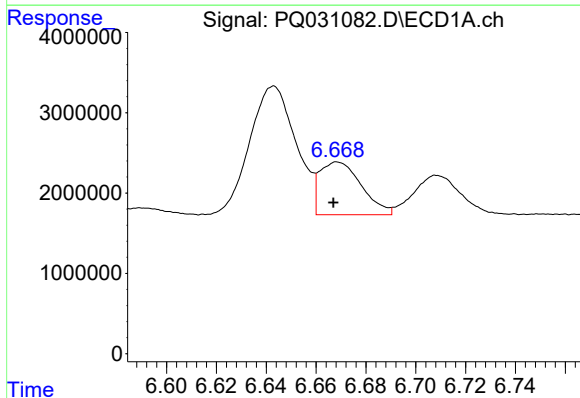
R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 13801051
Conc: 948.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



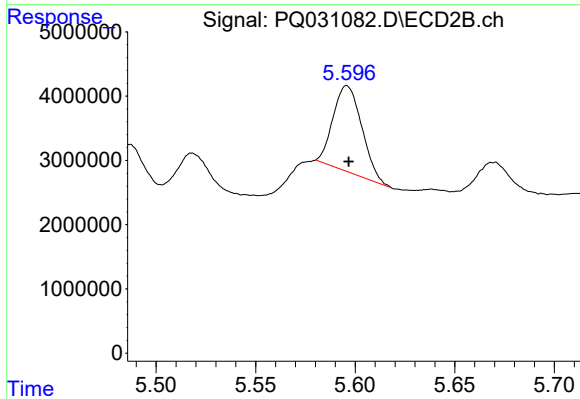
#13 AR-1232-3

R.T.: 5.271 min
Delta R.T.: -0.001 min
Response: 21975379
Conc: 1270.14 ng/ml



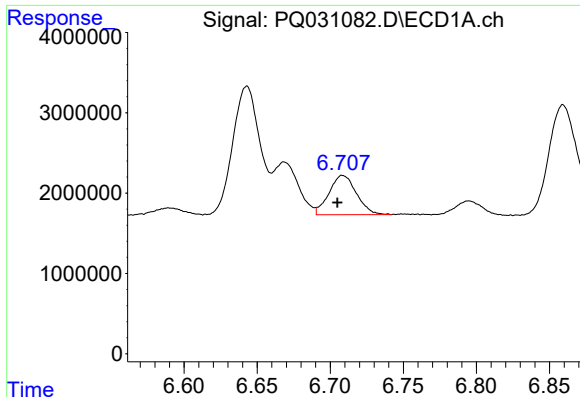
#14 AR-1232-4

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 7643557
Conc: 240.66 ng/ml



#14 AR-1232-4

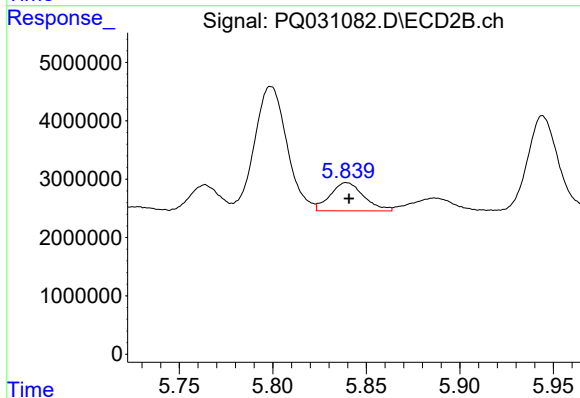
R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 13272214
Conc: 823.73 ng/ml



#15 AR-1232-5

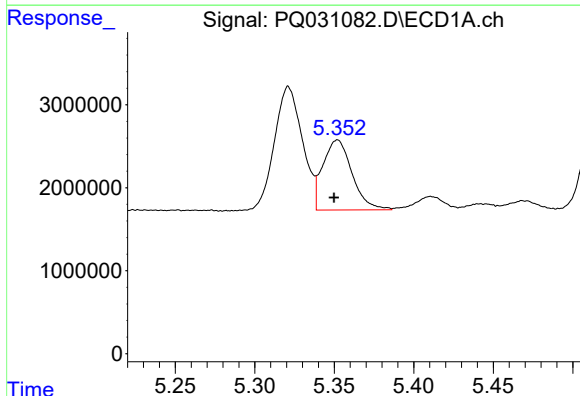
R.T.: 6.709 min
Delta R.T.: 0.004 min
Response: 6391410
Conc: 219.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



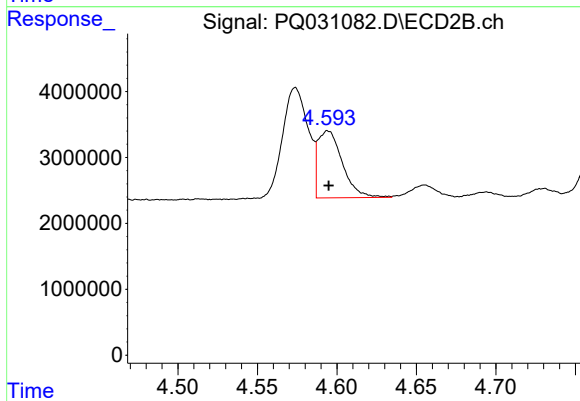
#15 AR-1232-5

R.T.: 5.840 min
Delta R.T.: -0.001 min
Response: 6057221
Conc: 284.53 ng/ml



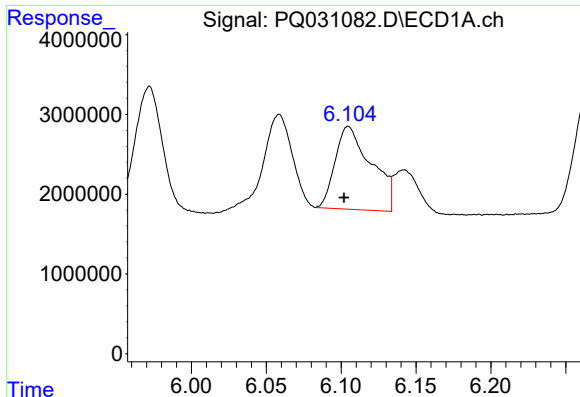
#16 AR-1242-1

R.T.: 5.352 min
Delta R.T.: 0.002 min
Response: 10777552
Conc: 506.45 ng/ml



#16 AR-1242-1

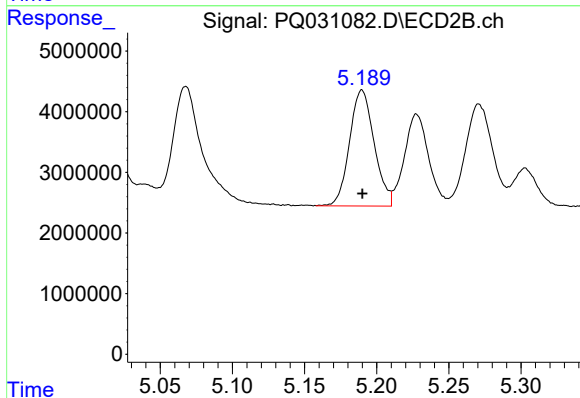
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 10957500
Conc: 511.92 ng/ml



#17 AR-1242-2

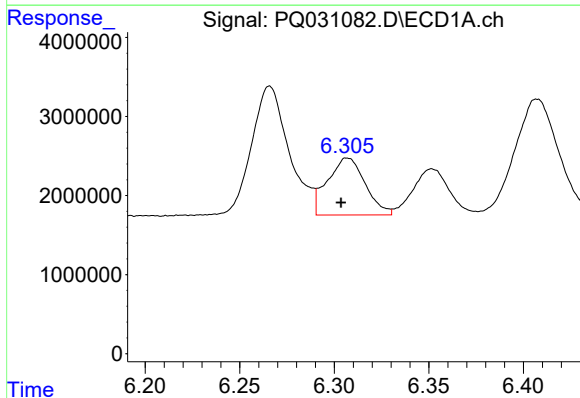
R.T.: 6.105 min
Delta R.T.: 0.003 min
Response: 17483151
Conc: 472.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



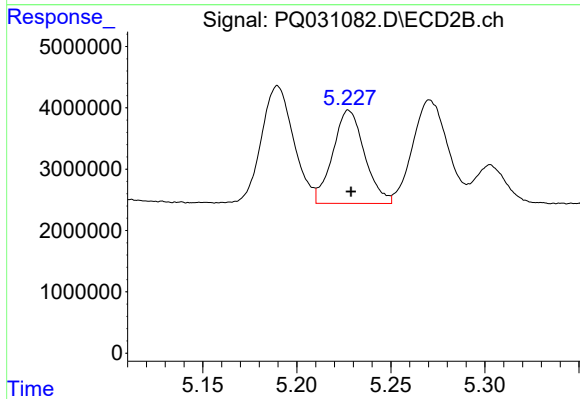
#17 AR-1242-2

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 22766239
Conc: 544.68 ng/ml



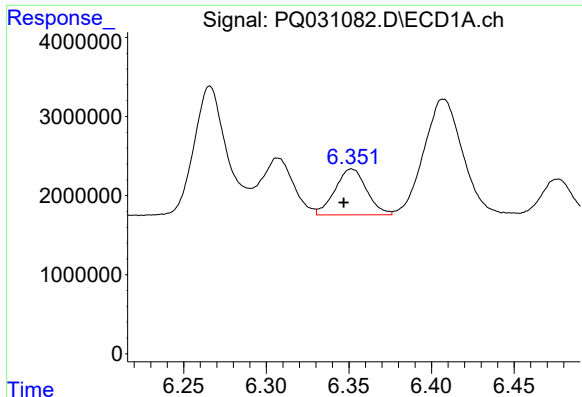
#18 AR-1242-3

R.T.: 6.307 min
Delta R.T.: 0.003 min
Response: 9972540
Conc: 533.02 ng/ml



#18 AR-1242-3

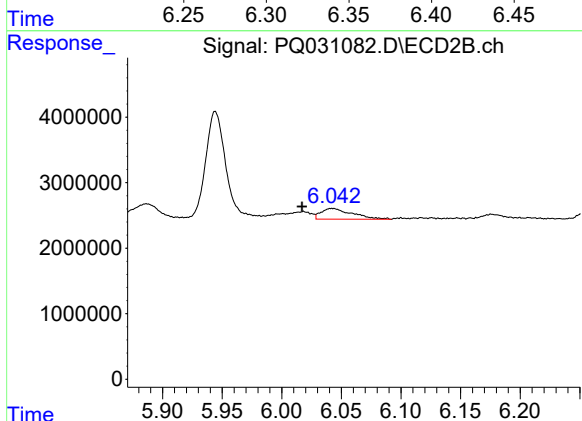
R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 17903459
Conc: 546.32 ng/ml



#19 AR-1242-4

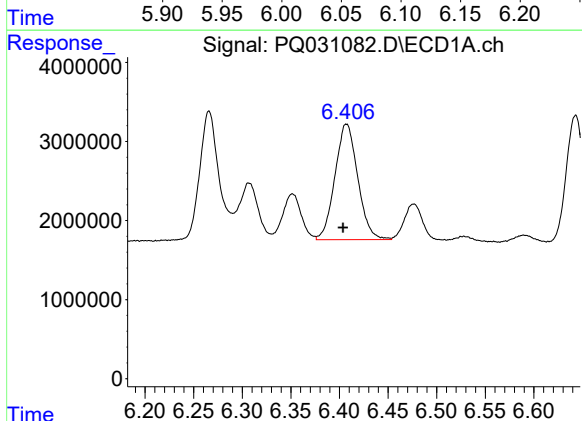
R.T.: 6.352 min
Delta R.T.: 0.005 min
Response: 7739494
Conc: 565.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



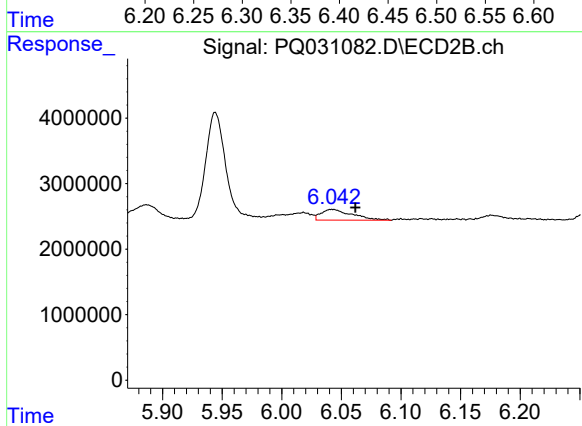
#19 AR-1242-4

R.T.: 6.042 min
Delta R.T.: 0.025 min
Response: 2984446
Conc: 72.30 ng/ml



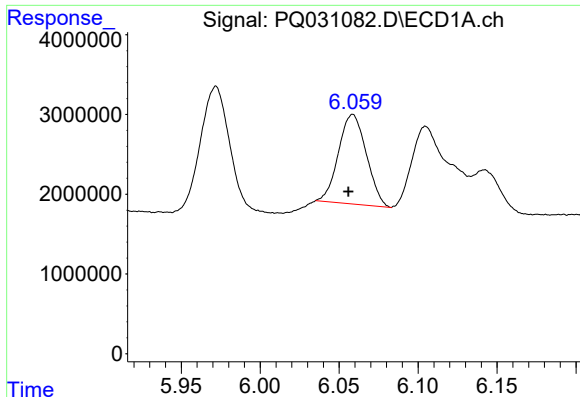
#20 AR-1242-5

R.T.: 6.407 min
Delta R.T.: 0.003 min
Response: 23885683
Conc: 511.08 ng/ml



#20 AR-1242-5

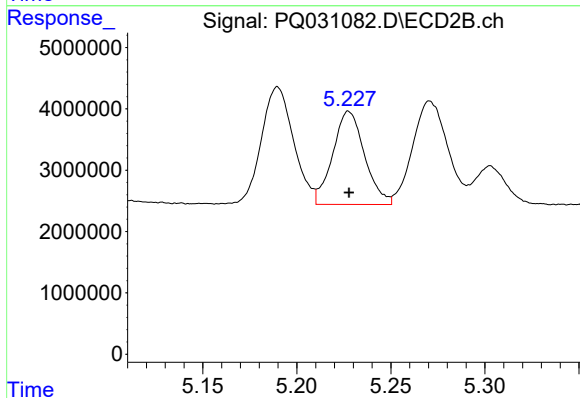
R.T.: 6.042 min
Delta R.T.: -0.020 min
Response: 2984446
Conc: 85.05 ng/ml



#21 AR-1248-1

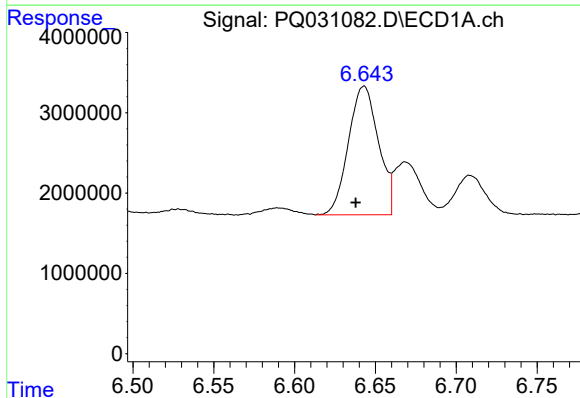
R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 13801051
Conc: 213.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



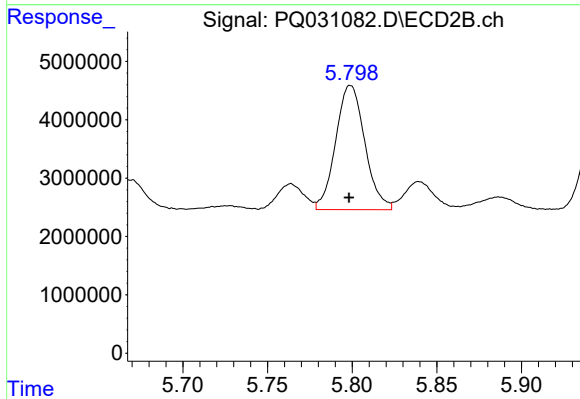
#21 AR-1248-1

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 17903459
Conc: 264.39 ng/ml



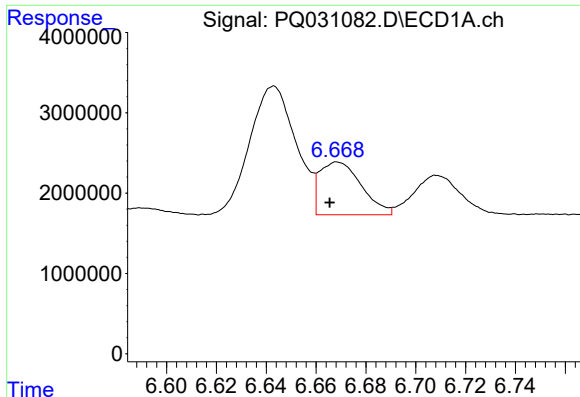
#22 AR-1248-2

R.T.: 6.643 min
Delta R.T.: 0.005 min
Response: 20701606
Conc: 297.00 ng/ml



#22 AR-1248-2

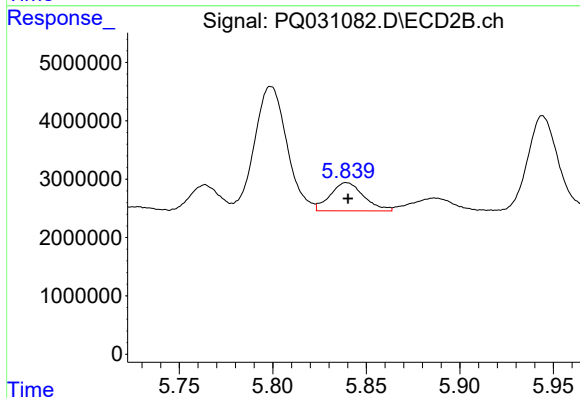
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 25537519
Conc: 187.19 ng/ml



#23 AR-1248-3

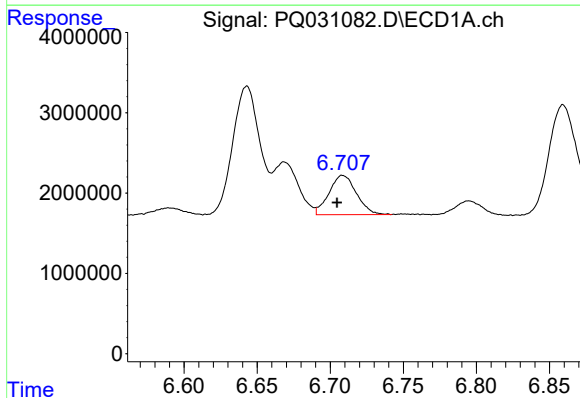
R.T.: 6.669 min
Delta R.T.: 0.003 min
Response: 7643557
Conc: 84.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



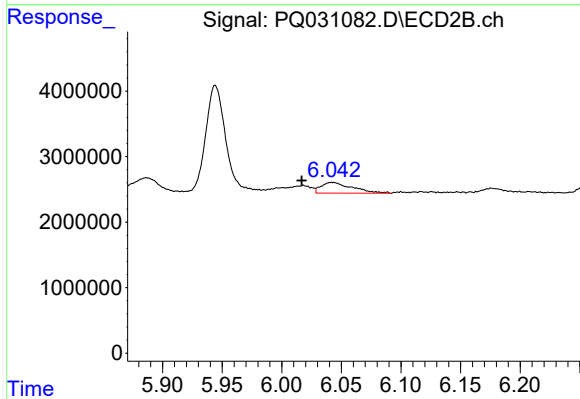
#23 AR-1248-3

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 6057221
Conc: 65.41 ng/ml



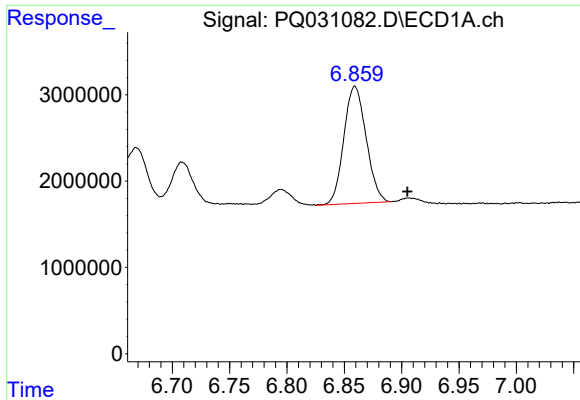
#24 AR-1248-4

R.T.: 6.709 min
Delta R.T.: 0.004 min
Response: 6391410
Conc: 73.37 ng/ml



#24 AR-1248-4

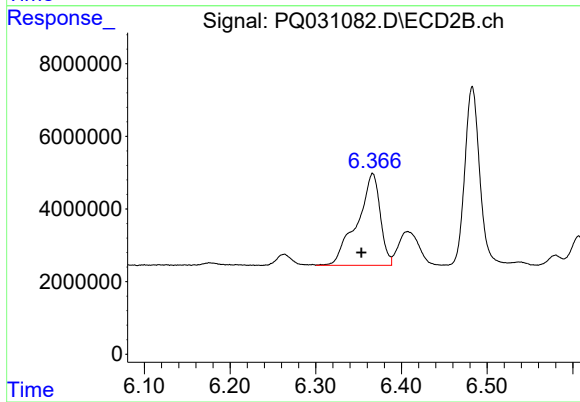
R.T.: 6.042 min
Delta R.T.: 0.025 min
Response: 2984446
Conc: 37.41 ng/ml



#25 AR-1248-5

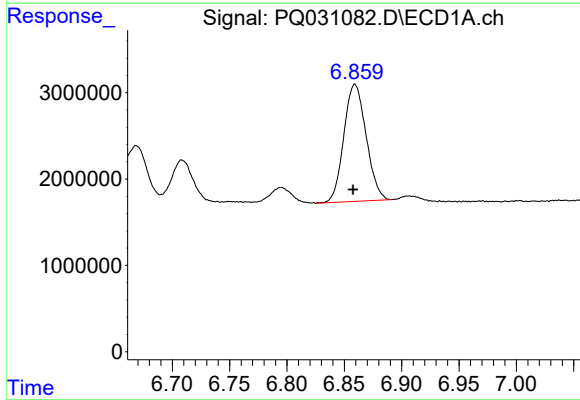
R.T.: 6.859 min
Delta R.T.: -0.046 min
Response: 18361895
Conc: 318.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



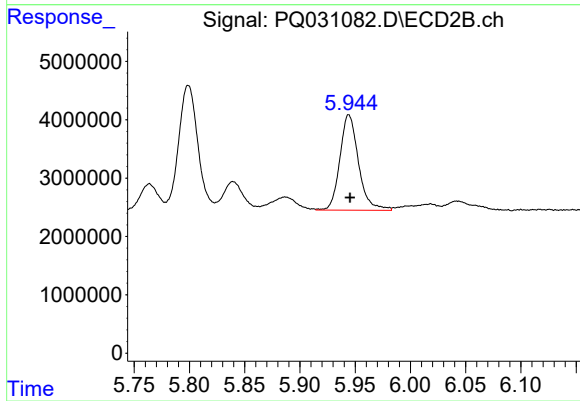
#25 AR-1248-5

R.T.: 6.366 min
Delta R.T.: 0.013 min
Response: 47222182
Conc: 653.99 ng/ml



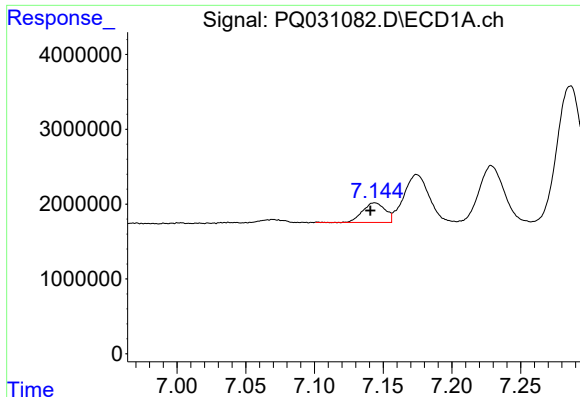
#26 AR-1254-1

R.T.: 6.859 min
Delta R.T.: 0.002 min
Response: 18361895
Conc: 114.84 ng/ml



#26 AR-1254-1

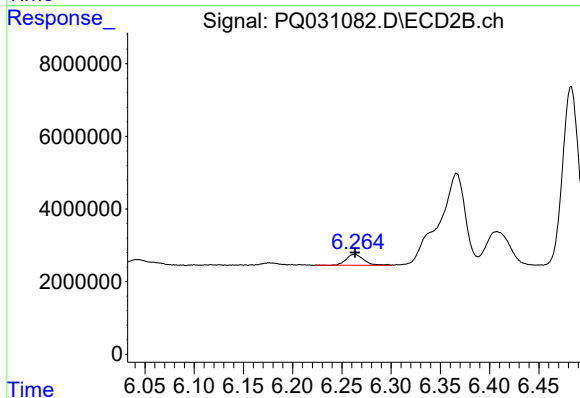
R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 19243405
Conc: 135.82 ng/ml



#27 AR-1254-2

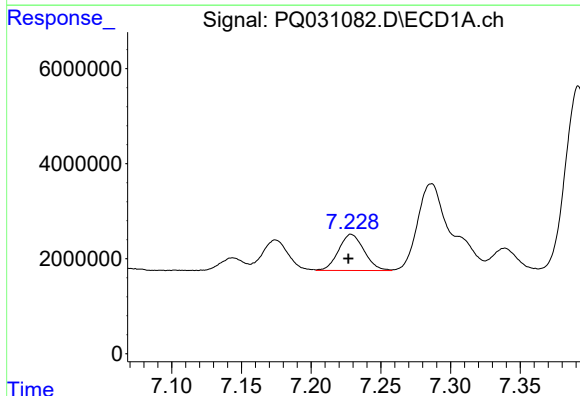
R.T.: 7.144 min
Delta R.T.: 0.003 min
Response: 3018946
Conc: 30.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



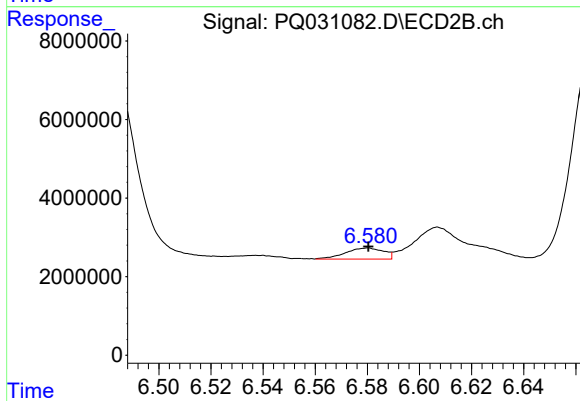
#27 AR-1254-2

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 3673785
Conc: 30.72 ng/ml



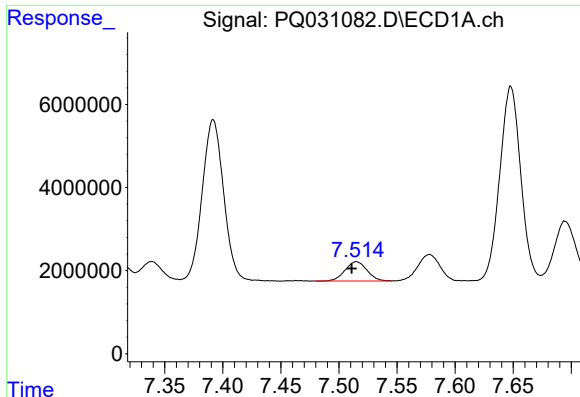
#28 AR-1254-3

R.T.: 7.229 min
Delta R.T.: 0.002 min
Response: 9692295
Conc: 54.21 ng/ml



#28 AR-1254-3

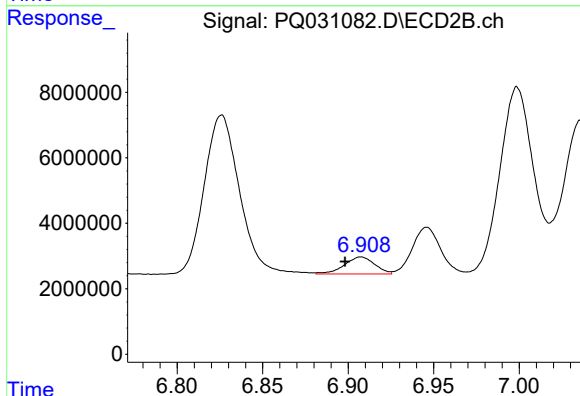
R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 2899428
Conc: 16.31 ng/ml



#29 AR-1254-4

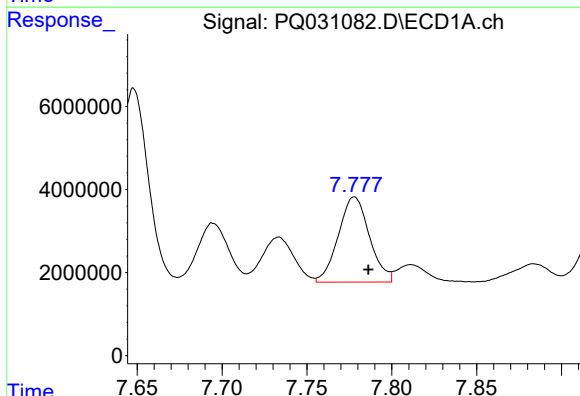
R.T.: 7.515 min
Delta R.T.: 0.004 min
Response: 6107069
Conc: 46.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



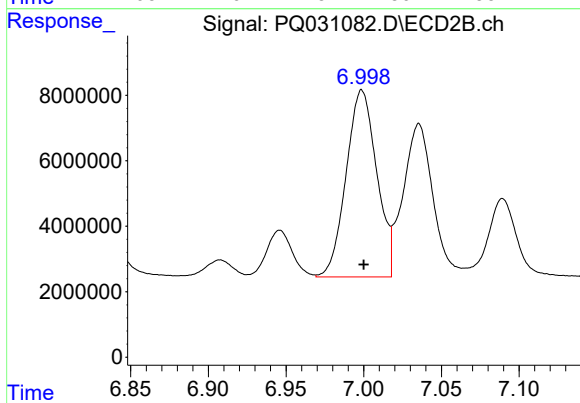
#29 AR-1254-4

R.T.: 6.907 min
Delta R.T.: 0.009 min
Response: 6407335
Conc: 59.77 ng/ml



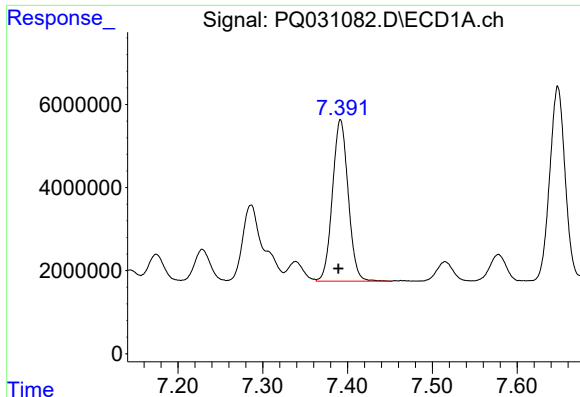
#30 AR-1254-5

R.T.: 7.778 min
Delta R.T.: -0.008 min
Response: 26196954
Conc: 261.23 ng/ml



#30 AR-1254-5

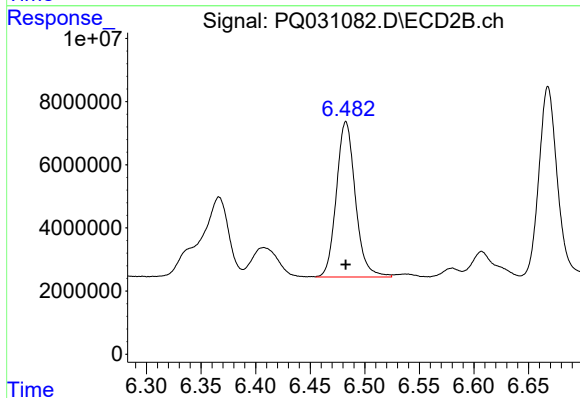
R.T.: 6.999 min
Delta R.T.: -0.001 min
Response: 78245636
Conc: 354.67 ng/ml



#31 AR-1260-1

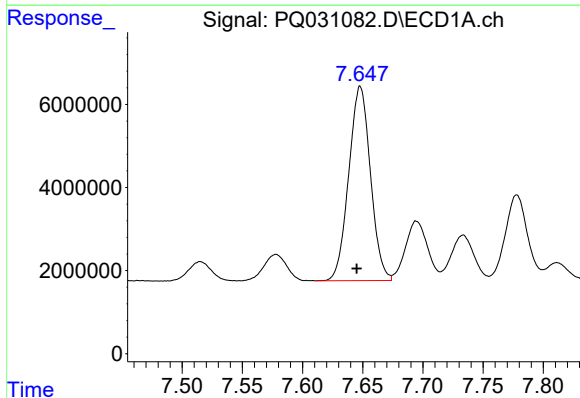
R.T.: 7.392 min
Delta R.T.: 0.002 min
Response: 50113007
Conc: 400.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



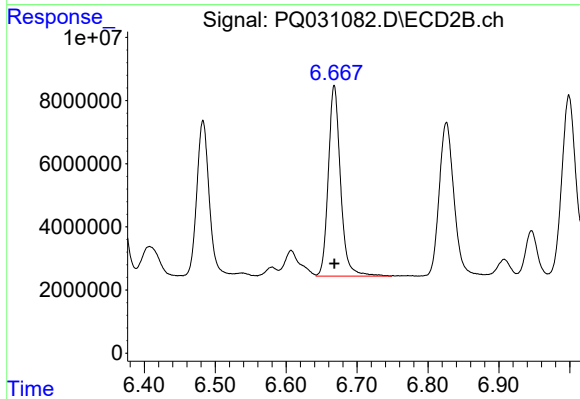
#31 AR-1260-1

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 59526303
Conc: 400.25 ng/ml



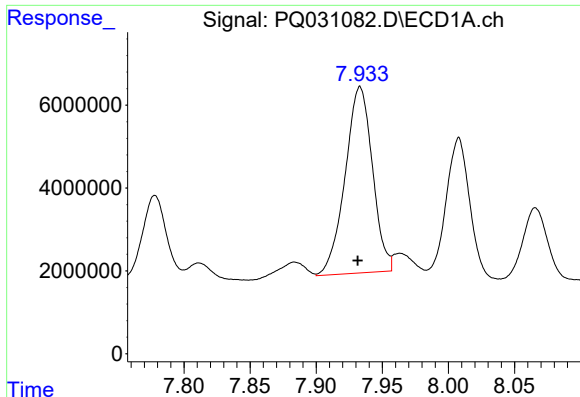
#32 AR-1260-2

R.T.: 7.648 min
Delta R.T.: 0.003 min
Response: 58769427
Conc: 389.31 ng/ml



#32 AR-1260-2

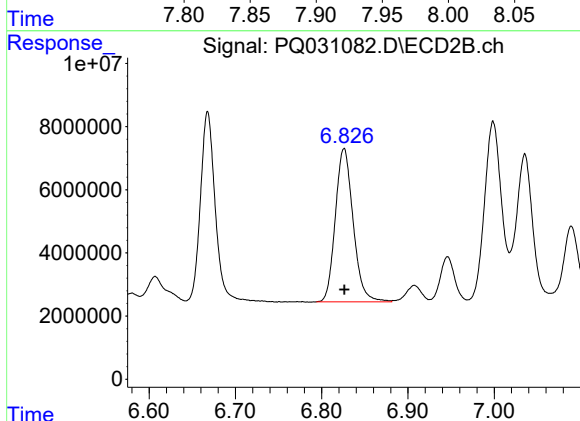
R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 72208803
Conc: 405.18 ng/ml



#33 AR-1260-3

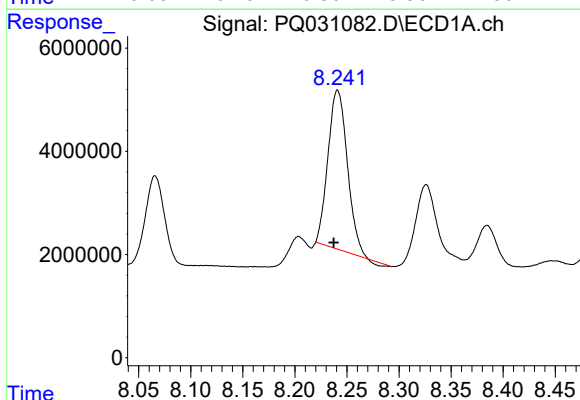
R.T.: 7.933 min
Delta R.T.: 0.002 min
Response: 64670520
Conc: 359.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



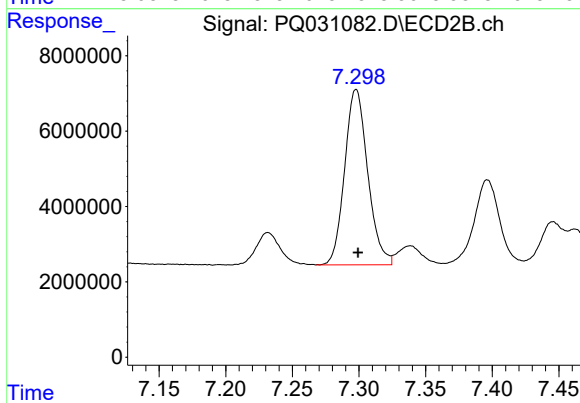
#33 AR-1260-3

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 69700729
Conc: 405.46 ng/ml



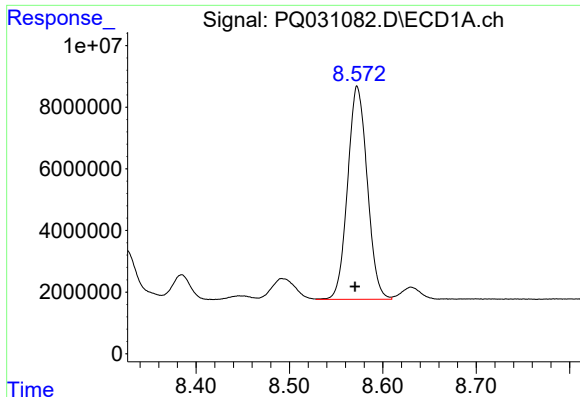
#34 AR-1260-4

R.T.: 8.241 min
Delta R.T.: 0.003 min
Response: 39705952
Conc: 307.68 ng/ml



#34 AR-1260-4

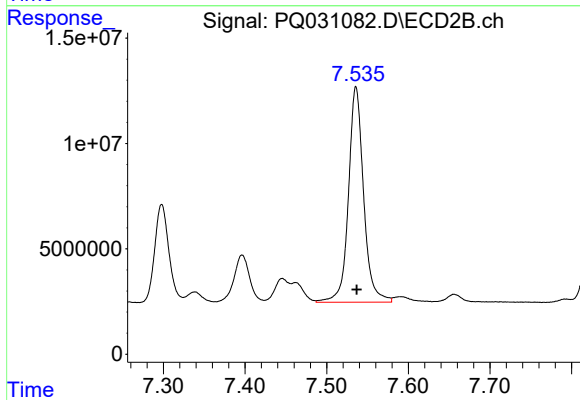
R.T.: 7.298 min
Delta R.T.: -0.001 min
Response: 56124797
Conc: 405.83 ng/ml



#35 AR-1260-5

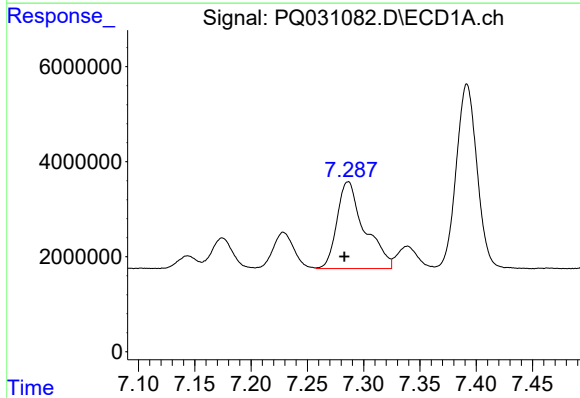
R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 100904816
Conc: 391.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



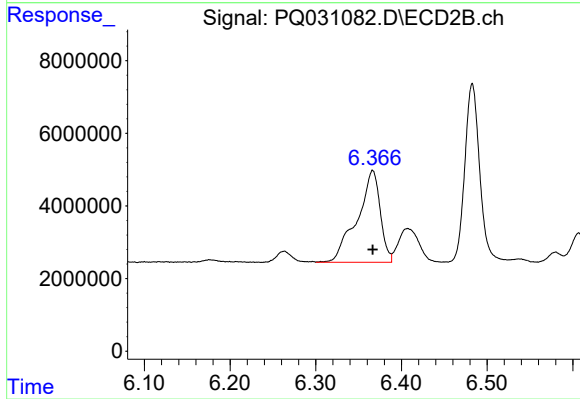
#35 AR-1260-5

R.T.: 7.536 min
Delta R.T.: 0.000 min
Response: 132122946
Conc: 413.06 ng/ml



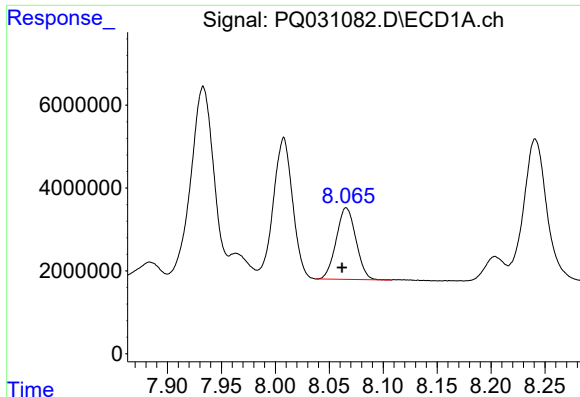
#36 AR-1262-1

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 31100555
Conc: 390.81 ng/ml



#36 AR-1262-1

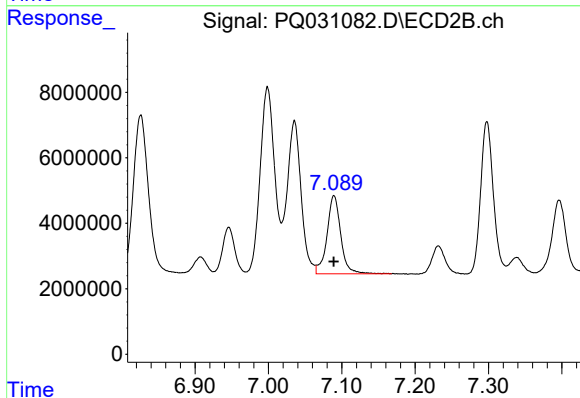
R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 47222182
Conc: 396.02 ng/ml



#37 AR-1262-2

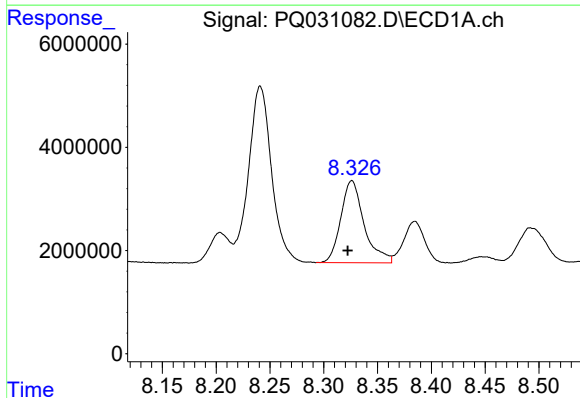
R.T.: 8.066 min
Delta R.T.: 0.004 min
Response: 21996257
Conc: 298.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



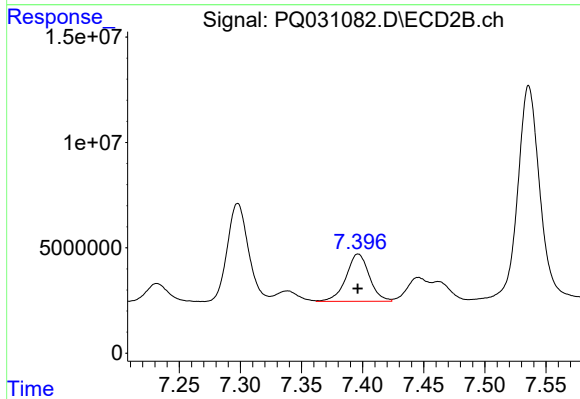
#37 AR-1262-2

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 31243698
Conc: 325.95 ng/ml



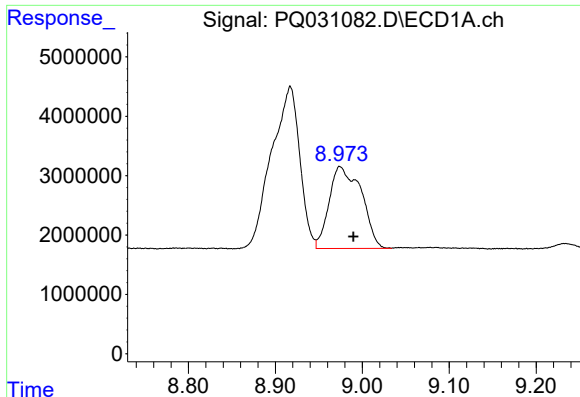
#38 AR-1262-3

R.T.: 8.326 min
Delta R.T.: 0.004 min
Response: 23977348
Conc: 271.73 ng/ml



#38 AR-1262-3

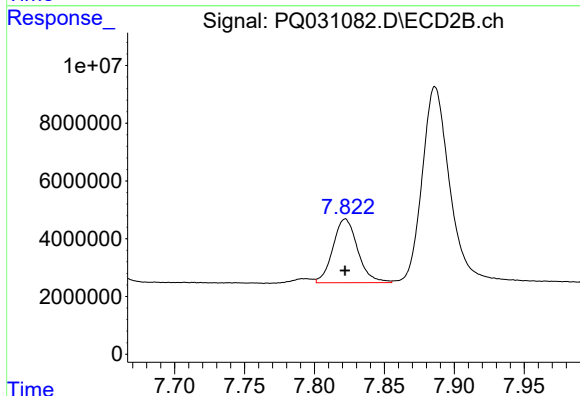
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 29849806
Conc: 310.08 ng/ml



#39 AR-1262-4

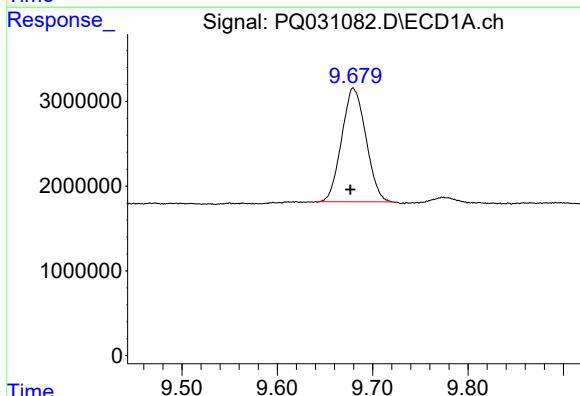
R.T.: 8.974 min
Delta R.T.: -0.015 min
Response: 35454742
Conc: 234.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



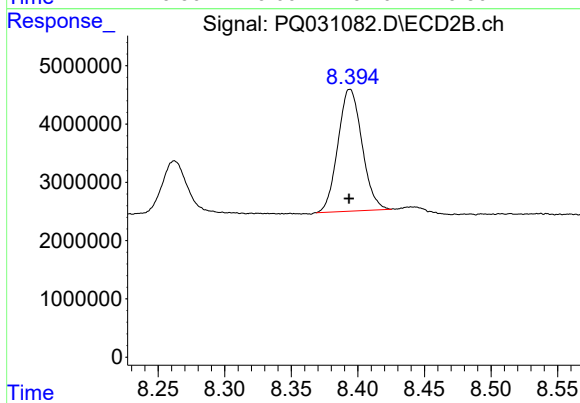
#39 AR-1262-4

R.T.: 7.822 min
Delta R.T.: 0.000 min
Response: 27279932
Conc: 161.14 ng/ml



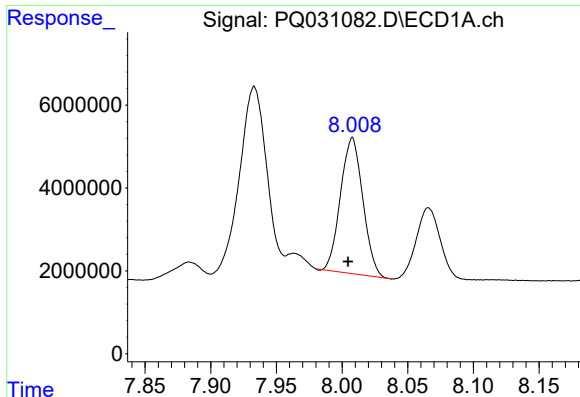
#40 AR-1262-5

R.T.: 9.680 min
Delta R.T.: 0.003 min
Response: 23660742
Conc: 237.28 ng/ml



#40 AR-1262-5

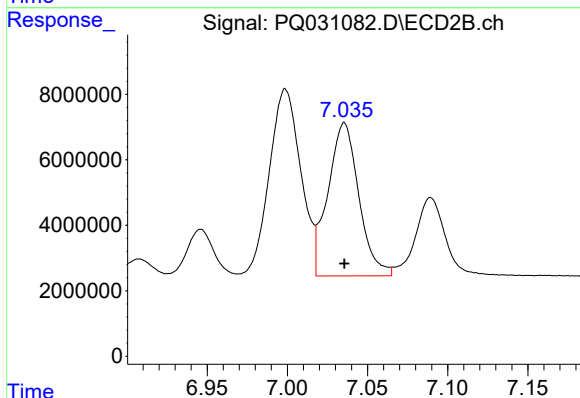
R.T.: 8.394 min
Delta R.T.: 0.000 min
Response: 26269856
Conc: 229.69 ng/ml



#41 AR-1268-1

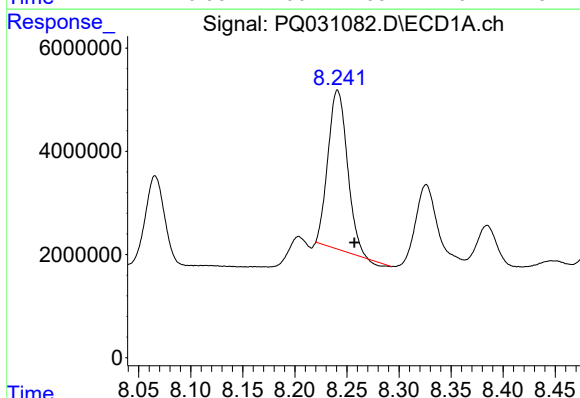
R.T.: 8.008 min
Delta R.T.: 0.003 min
Response: 38889624
Conc: 530.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



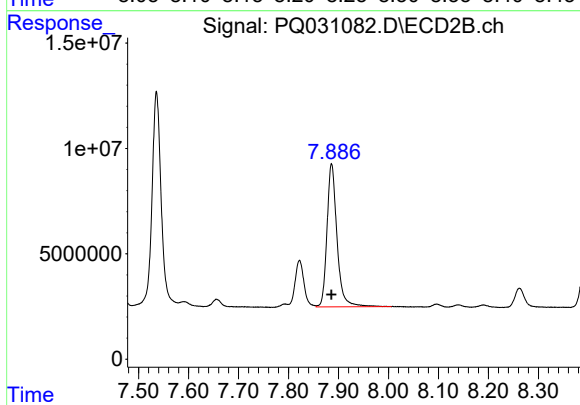
#41 AR-1268-1

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 62699843
Conc: 714.30 ng/ml



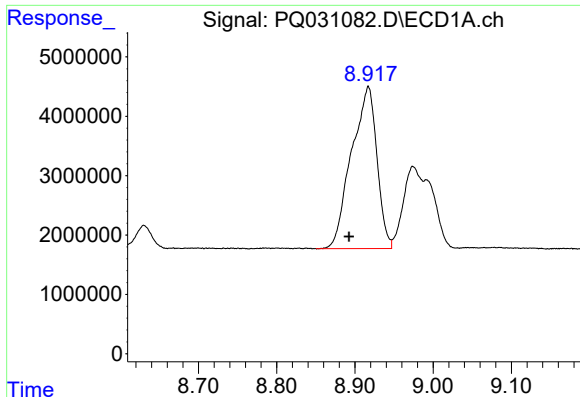
#42 AR-1268-2

R.T.: 8.241 min
Delta R.T.: -0.016 min
Response: 39705952
Conc: 400.96 ng/ml



#42 AR-1268-2

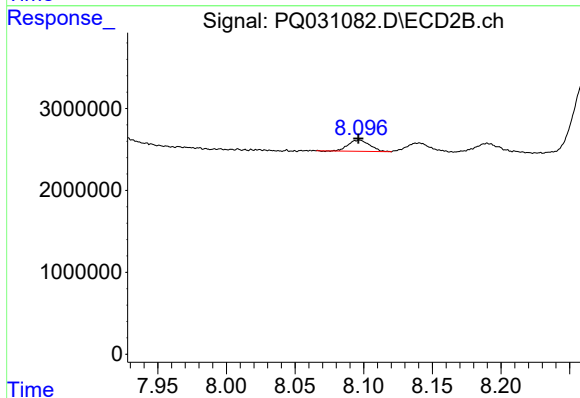
R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 94866038
Conc: 198.39 ng/ml



#43 AR-1268-3

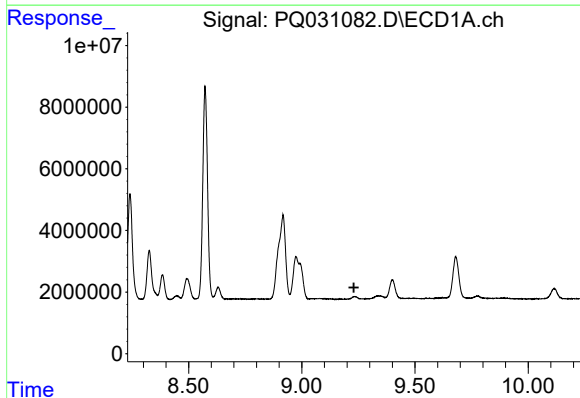
R.T.: 8.917 min
Delta R.T.: 0.024 min
Response: 61609666
Conc: 145.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



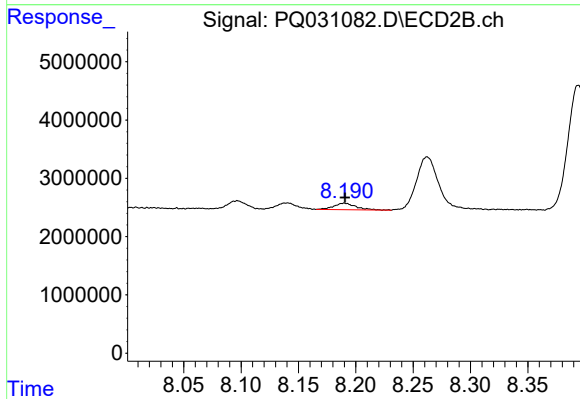
#43 AR-1268-3

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 1498362
Conc: 3.83 ng/ml



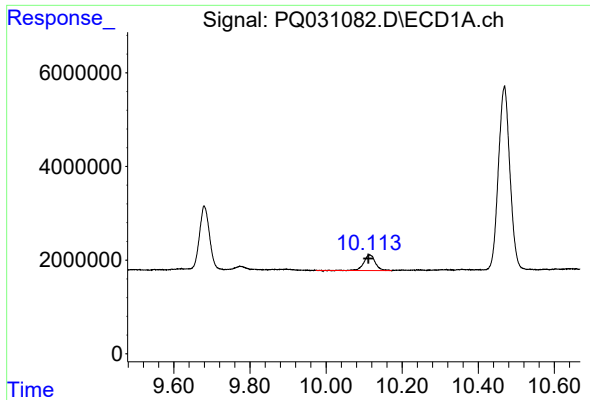
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.230 min
Response: 0
Conc: N.D.



#44 AR-1268-4

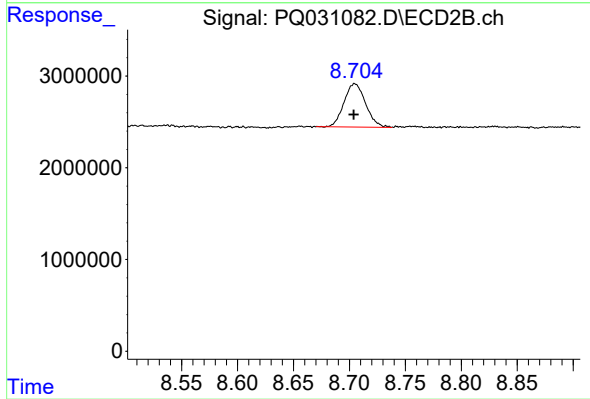
R.T.: 8.190 min
Delta R.T.: 0.000 min
Response: 1496706
Conc: 15.32 ng/ml



#45 AR-1268-5

R.T.: 10.115 min
Delta R.T.: 0.004 min
Response: 6915112
Conc: 7.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 6353813
Conc: 5.83 ng/ml