

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072522\
 Data File : PQ058674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2022 12:15
 Operator : YP\AJ
 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: Jul 25 23:59:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 25 05:11:05 2022
 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...	4.687	4.051	135.4E6	106.0E6	19.245	18.960
2)	SA Decachlor...	10.596	9.172	239.0E6	137.4E6	42.729	41.494
Target Compounds							
3)	L1 AR-1016-1	5.868	5.149	61001361	62496039	403.502	400.351
4)	L1 AR-1016-2	5.890	5.169	103.3E6	88891047	396.962	396.230
5)	L1 AR-1016-3	5.954	5.349	69823977	44077266	432.409	398.915
6)	L1 AR-1016-4	6.055	5.385	58158816	37565522	431.959	394.720
7)	L1 AR-1016-5	6.347	5.604	48176188	45998897	410.639	393.706
8)	L2 AR-1221-1	4.897	4.263	7344256	5455070	93.836	91.893
9)	L2 AR-1221-2	4.988	4.352	9904492	7446064	180.605	181.750
10)	L2 AR-1221-3	5.066	4.430	39797868	33190754	227.479	229.824
11)	L3 AR-1232-1	5.066	4.430	39797868	33190754	251.366	251.731
12)	L3 AR-1232-2	5.600	5.169	47544180	88891047	620.076	758.671
13)	L3 AR-1232-3	5.890	5.349	103.3E6	44077266	735.236	803.395
14)	L3 AR-1232-4	6.055	5.429	58158816	45428342	820.457	863.679
15)	L3 AR-1232-5	6.140	5.604	40834048	45998897	902.642	807.103
16)	L4 AR-1242-1	5.868	5.149	61001361	62496039	442.481	450.817
17)	L4 AR-1242-2	5.890	5.169	103.3E6	88891047	429.881	444.521
18)	L4 AR-1242-3	5.954	5.349	69823977	44077266	439.606	446.196
19)	L4 AR-1242-4	6.055	5.429	58158816	45428342	442.145	446.964
20)	L4 AR-1242-5	6.793	5.957	7192566	32913775	63.108	281.975 #
21)	L5 AR-1248-1	5.868	5.149	61001361	62496039	519.036	539.911
22)	L5 AR-1248-2	6.140	5.385	40834048	37565522	242.546	225.272
23)	L5 AR-1248-3	6.347	5.429	48176188	45428342	238.329	262.949
24)	L5 AR-1248-4	6.752	5.604	7626586	45998897	38.489	231.927 #
25)	L5 AR-1248-5	6.793	5.998	7192566	5365614	34.016	30.233
26)	L6 AR-1254-1	6.724	5.957	29542967	32913775	141.880	108.858
27)	L6 AR-1254-2	6.941	6.102	29438078	30574974	94.579	117.620
28)	L6 AR-1254-3	7.312	6.524	19950971	69158657	55.654	172.673 #
29)	L6 AR-1254-4	7.598	6.737	12240410	7116622	56.397	27.788 #
30)	L6 AR-1254-5	8.017	7.156	105.9E6	98552454	406.882	323.071
31)	L7 AR-1260-1	7.473	6.640	69731127	78995186	395.978	394.639
32)	L7 AR-1260-2	7.730	6.824	80521754	93122522	384.499	400.118
33)	L7 AR-1260-3	8.017	6.983	105.9E6	85471332	400.491	399.521
34)	L7 AR-1260-4	8.327	7.455	83344064	71296760	409.693	403.401
35)	L7 AR-1260-5	8.668	7.692	188.8E6	169.4E6	428.364	425.968
36)	L8 AR-1262-1	8.090	7.156	68069779	98552454	208.770	611.189 #
37)	L8 AR-1262-2	8.668	7.692	188.8E6	169.4E6	295.089	303.262
38)	L8 AR-1262-3	8.996	7.978	50222950	36412466	144.336	167.161
39)	L8 AR-1262-4	9.079	8.042	96093551	119.4E6	303.334	299.146
40)	L8 AR-1262-5	9.798	8.566	72005190	40171236	283.985	253.292
41)	L9 AR-1268-1	8.996	7.978	50222950	36412466	48.429	46.852

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 Acq On : 25 Jul 2022 12:15
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

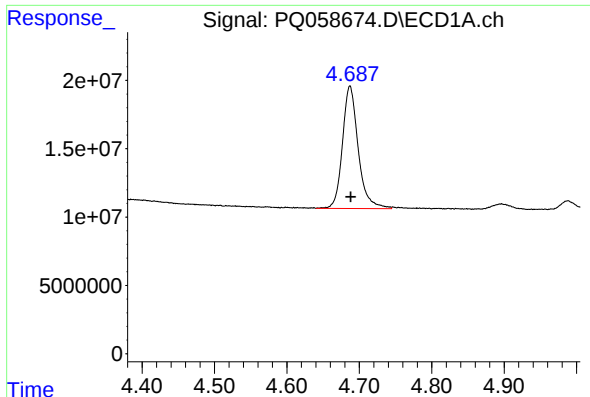
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 23:59:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071222CLP.M
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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	9.079	8.042	96093551	119.4E6	88.476	168.994 #
43) L9	AR-1268-3	9.335	8.258	3751699	1489032	3.802	2.428 #
44) L9	AR-1268-4	9.798	8.566	72005190	40171236	217.038	188.708
45) L9	AR-1268-5	10.238	8.887	16328935	11097207	5.420	6.031

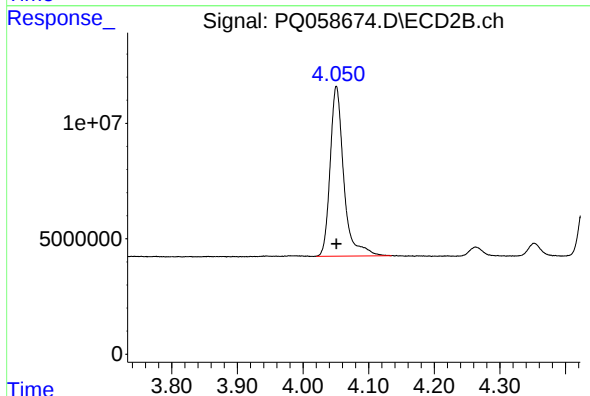
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

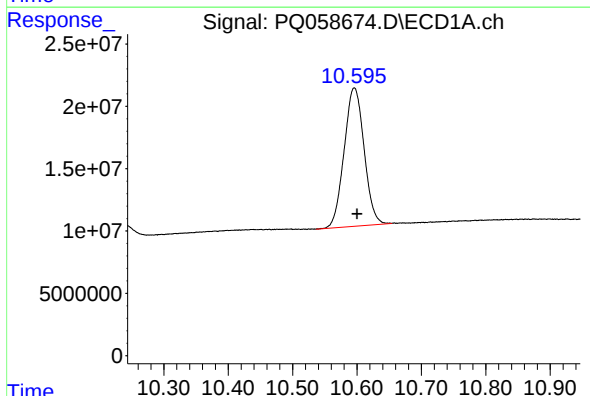
R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 135406421
Conc: 19.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



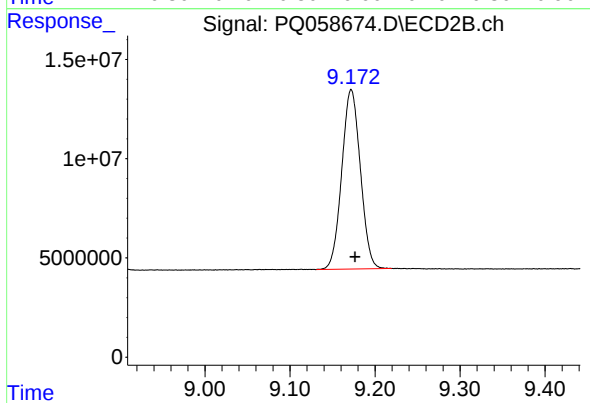
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 105991223
Conc: 18.96 ng/ml



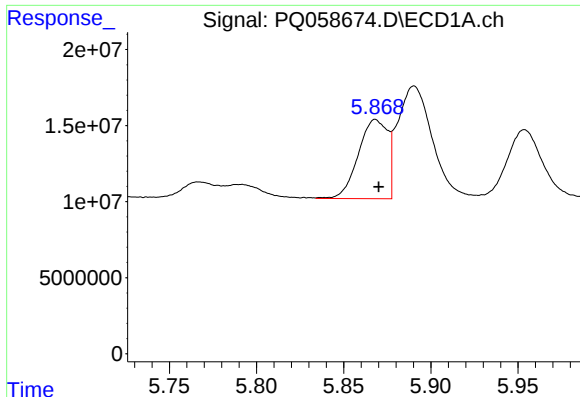
#2 Decachlorobiphenyl

R.T.: 10.596 min
Delta R.T.: -0.004 min
Response: 239035222
Conc: 42.73 ng/ml



#2 Decachlorobiphenyl

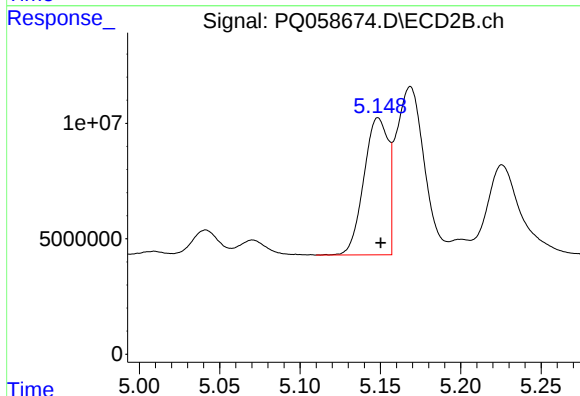
R.T.: 9.172 min
Delta R.T.: -0.004 min
Response: 137392487
Conc: 41.49 ng/ml



#3 AR-1016-1

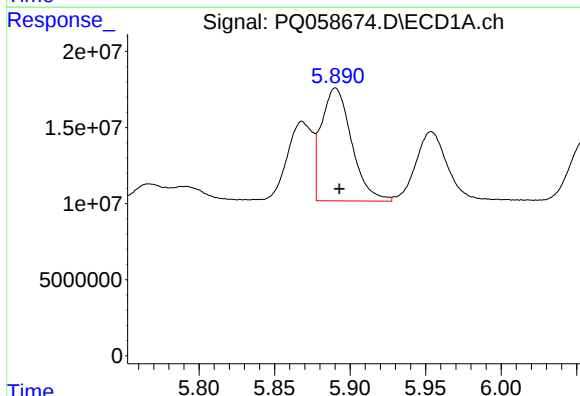
R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 61001361
Conc: 403.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



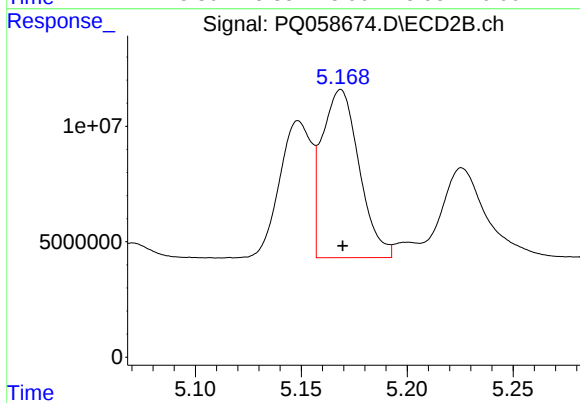
#3 AR-1016-1

R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 62496039
Conc: 400.35 ng/ml



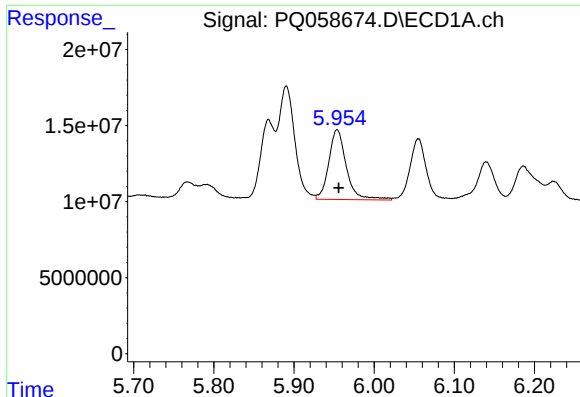
#4 AR-1016-2

R.T.: 5.890 min
Delta R.T.: -0.003 min
Response: 103336877
Conc: 396.96 ng/ml



#4 AR-1016-2

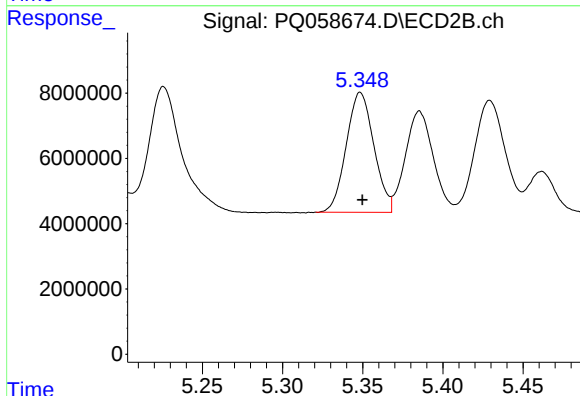
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 88891047
Conc: 396.23 ng/ml



#5 AR-1016-3

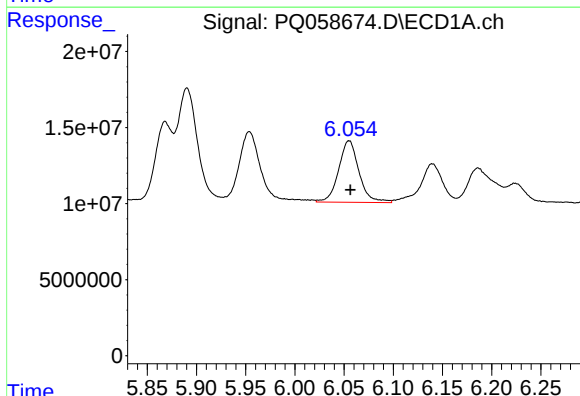
R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 69823977
Conc: 432.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



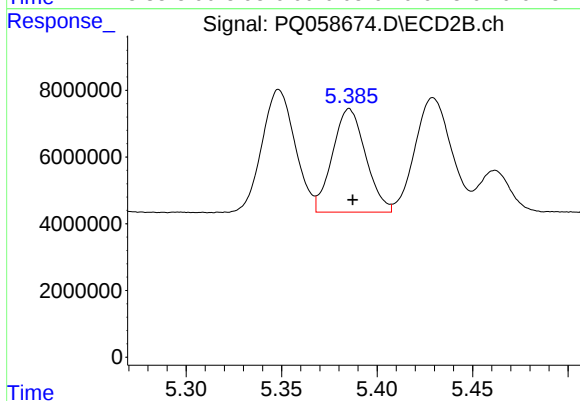
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 44077266
Conc: 398.91 ng/ml



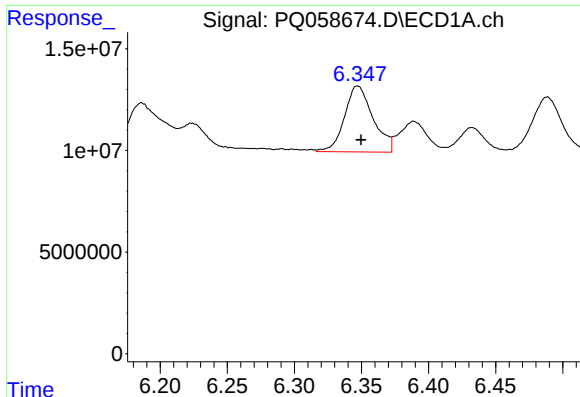
#6 AR-1016-4

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 58158816
Conc: 431.96 ng/ml



#6 AR-1016-4

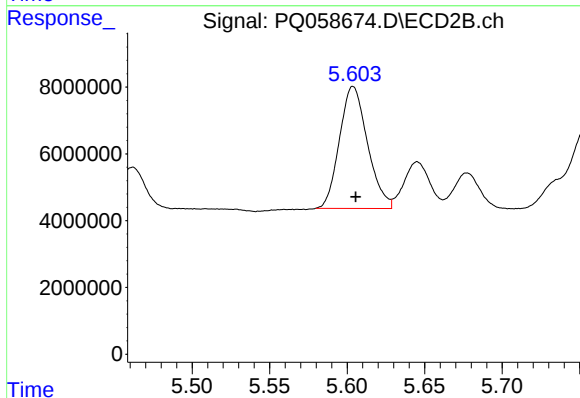
R.T.: 5.385 min
Delta R.T.: -0.002 min
Response: 37565522
Conc: 394.72 ng/ml



#7 AR-1016-5

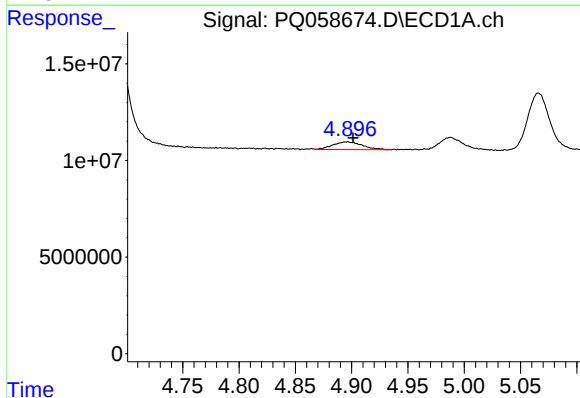
R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 48176188
Conc: 410.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



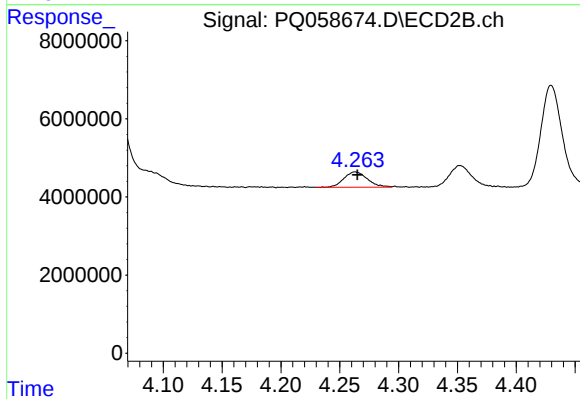
#7 AR-1016-5

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 45998897
Conc: 393.71 ng/ml



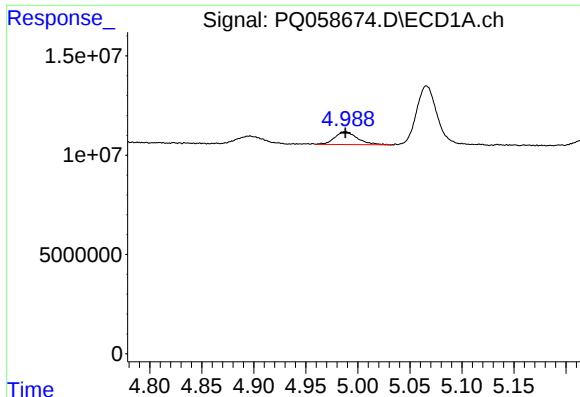
#8 AR-1221-1

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 7344256
Conc: 93.84 ng/ml



#8 AR-1221-1

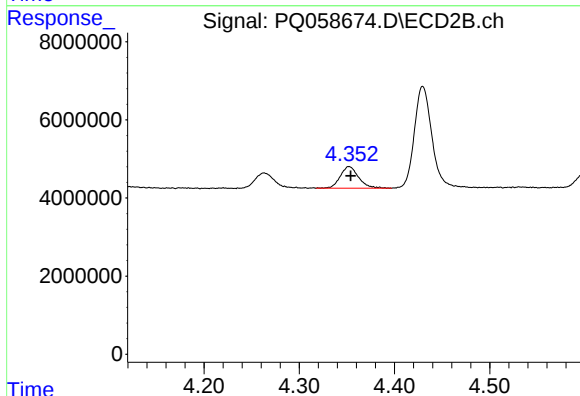
R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 5455070
Conc: 91.89 ng/ml



#9 AR-1221-2

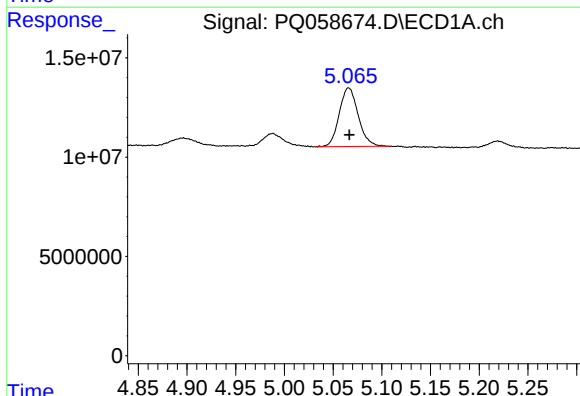
R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 9904492
Conc: 180.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



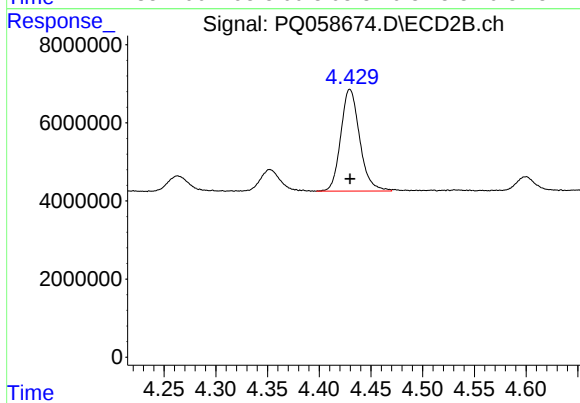
#9 AR-1221-2

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 7446064
Conc: 181.75 ng/ml



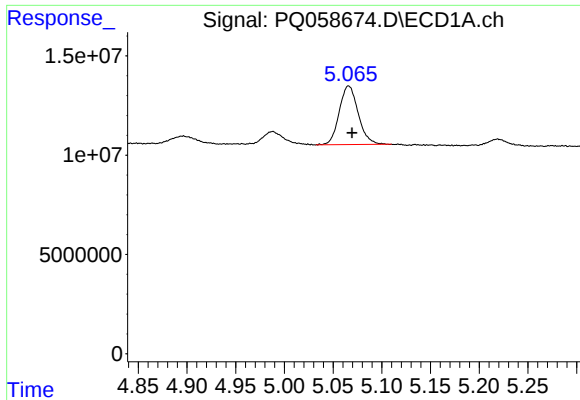
#10 AR-1221-3

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 39797868
Conc: 227.48 ng/ml



#10 AR-1221-3

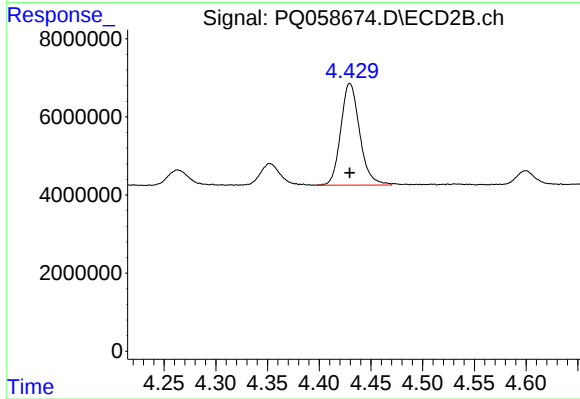
R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 33190754
Conc: 229.82 ng/ml



#11 AR-1232-1

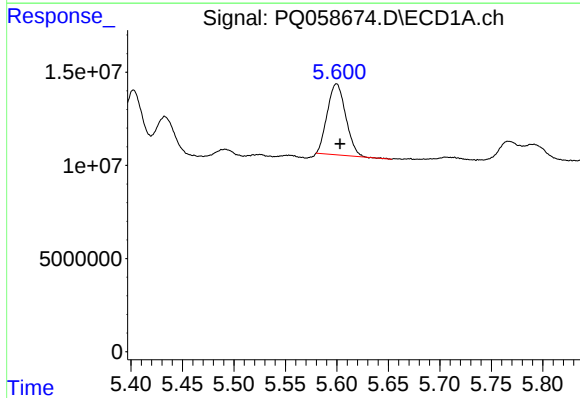
R.T.: 5.066 min
Delta R.T.: -0.003 min
Response: 39797868
Conc: 251.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



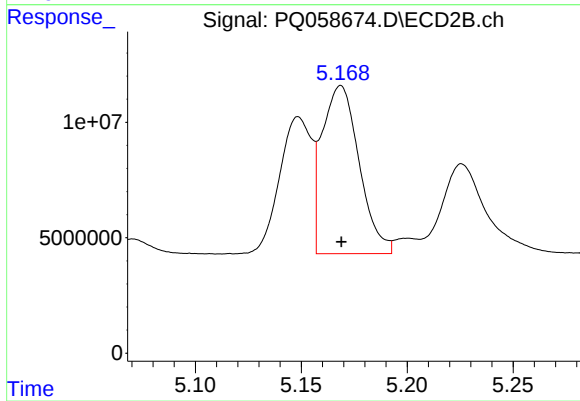
#11 AR-1232-1

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 33190754
Conc: 251.73 ng/ml



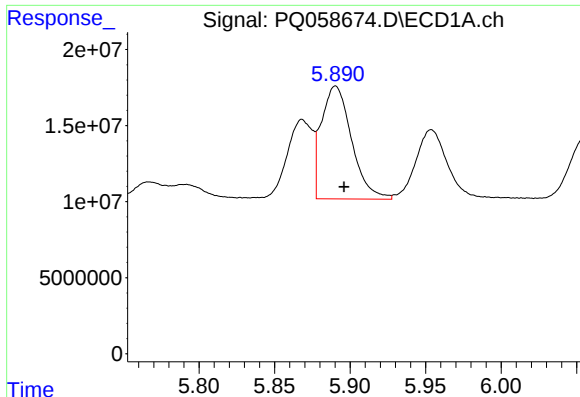
#12 AR-1232-2

R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 47544180
Conc: 620.08 ng/ml



#12 AR-1232-2

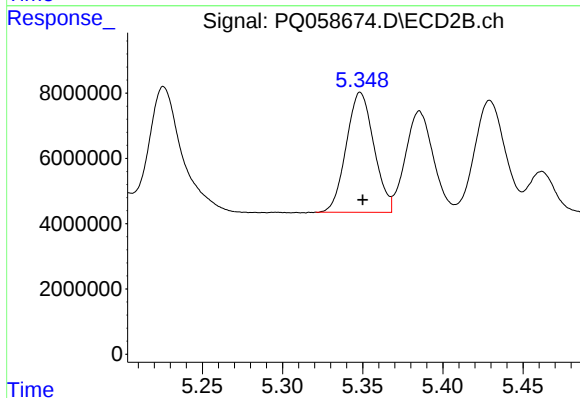
R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 88891047
Conc: 758.67 ng/ml



#13 AR-1232-3

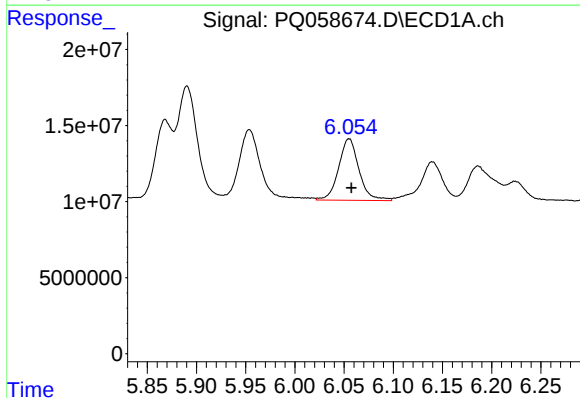
R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 103336877
Conc: 735.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



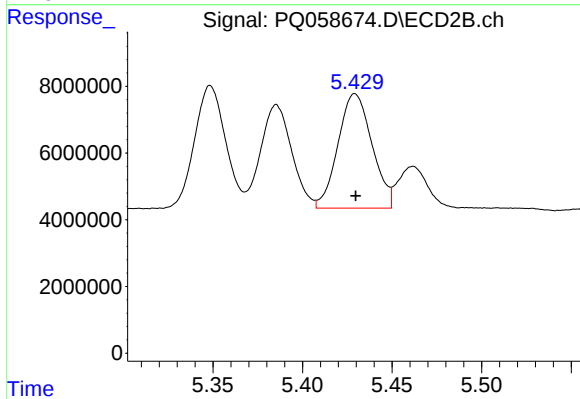
#13 AR-1232-3

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 44077266
Conc: 803.40 ng/ml



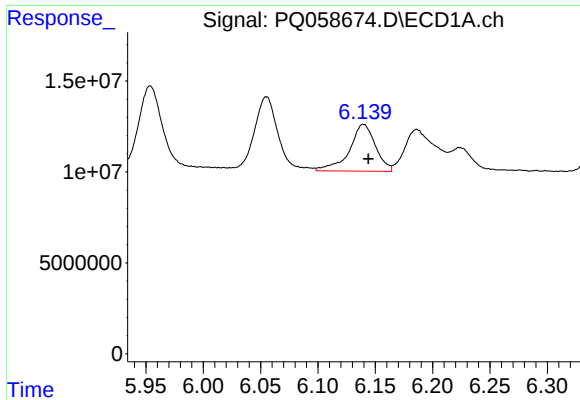
#14 AR-1232-4

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 58158816
Conc: 820.46 ng/ml



#14 AR-1232-4

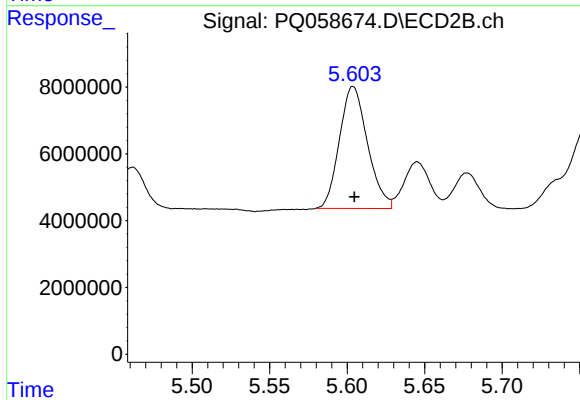
R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 45428342
Conc: 863.68 ng/ml



#15 AR-1232-5

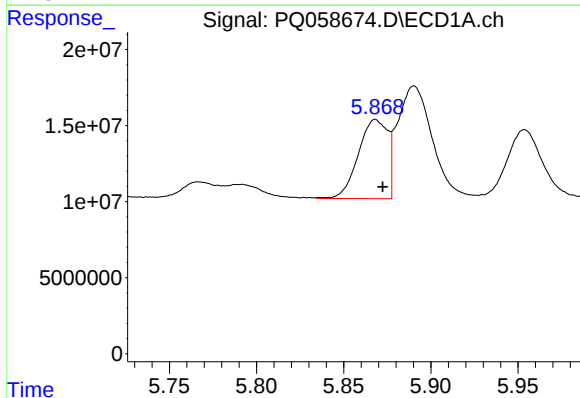
R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 40834048
Conc: 902.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



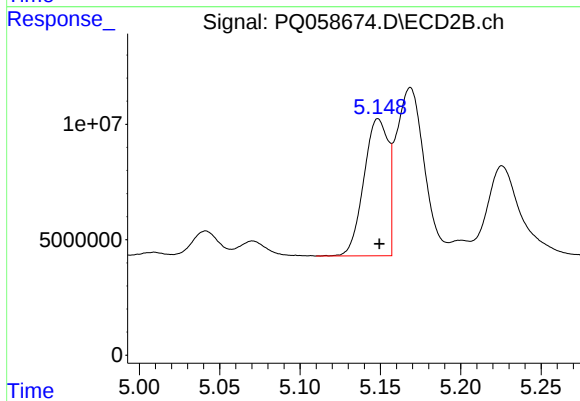
#15 AR-1232-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 45998897
Conc: 807.10 ng/ml



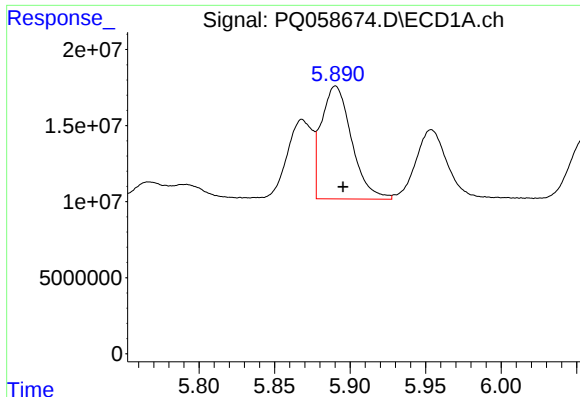
#16 AR-1242-1

R.T.: 5.868 min
Delta R.T.: -0.004 min
Response: 61001361
Conc: 442.48 ng/ml



#16 AR-1242-1

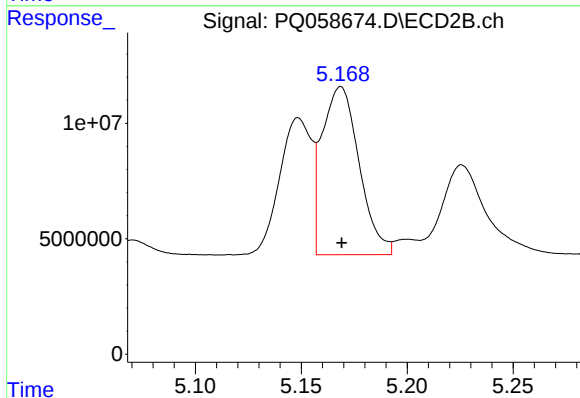
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 62496039
Conc: 450.82 ng/ml



#17 AR-1242-2

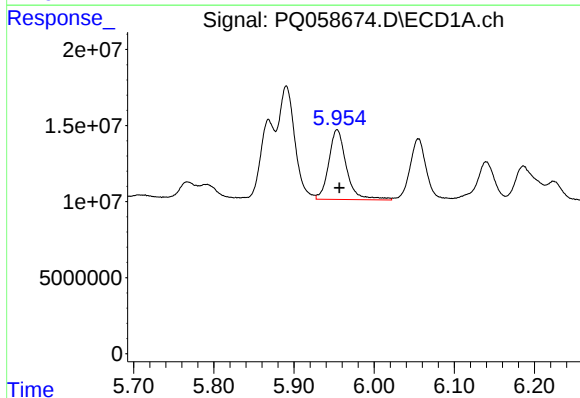
R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 103336877
Conc: 429.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



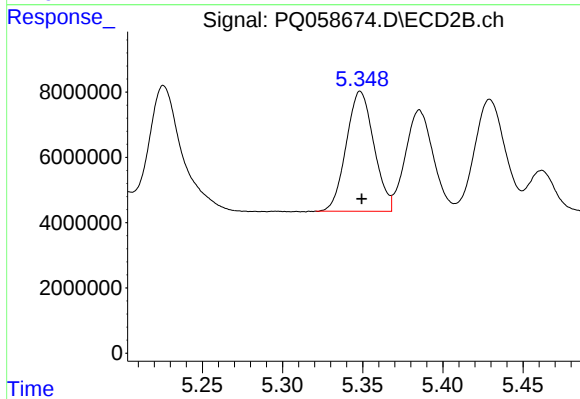
#17 AR-1242-2

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 88891047
Conc: 444.52 ng/ml



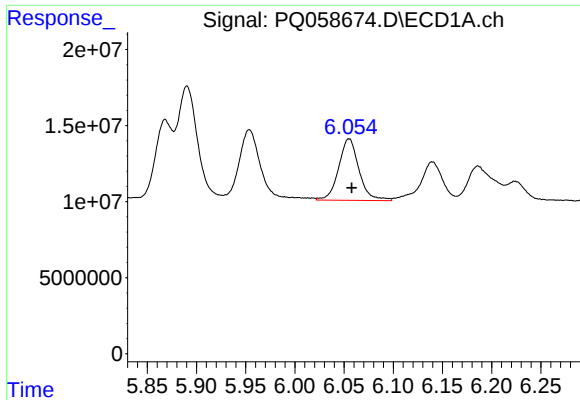
#18 AR-1242-3

R.T.: 5.954 min
Delta R.T.: -0.003 min
Response: 69823977
Conc: 439.61 ng/ml



#18 AR-1242-3

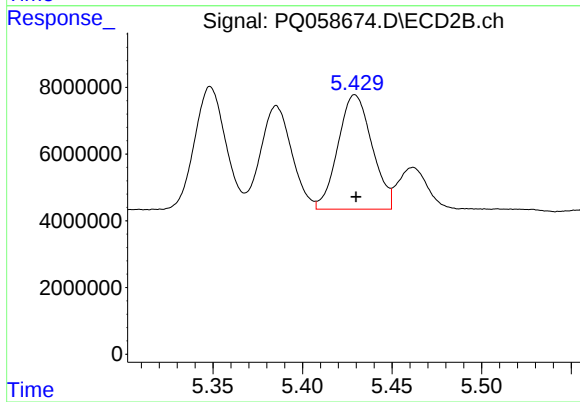
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 44077266
Conc: 446.20 ng/ml



#19 AR-1242-4

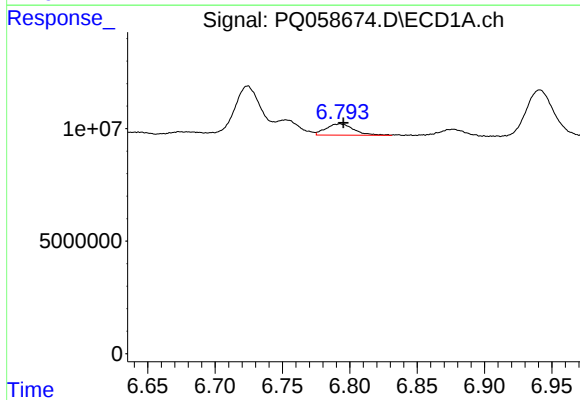
R.T.: 6.055 min
Delta R.T.: -0.003 min
Response: 58158816
Conc: 442.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



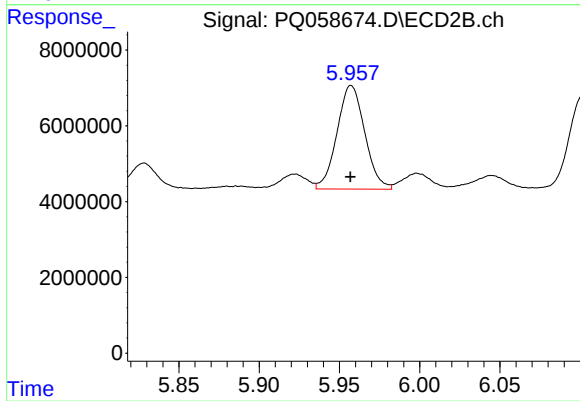
#19 AR-1242-4

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 45428342
Conc: 446.96 ng/ml



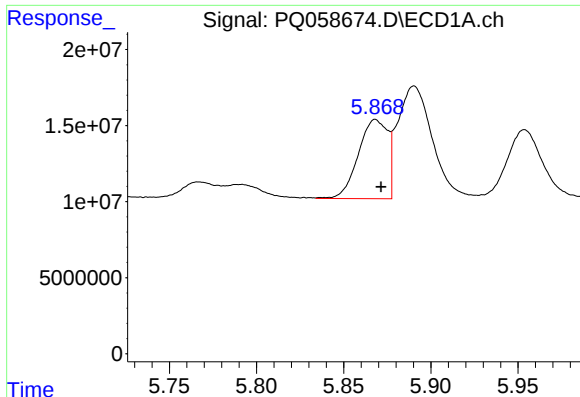
#20 AR-1242-5

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 7192566
Conc: 63.11 ng/ml



#20 AR-1242-5

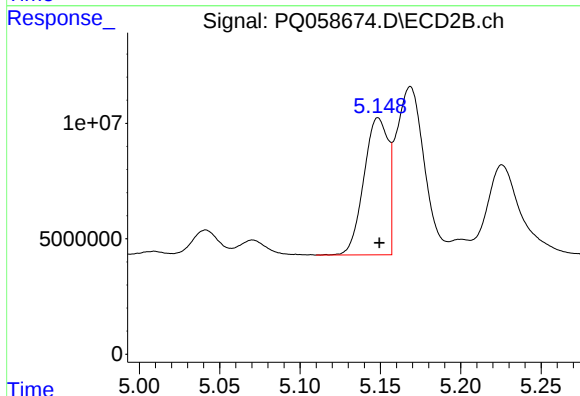
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 32913775
Conc: 281.98 ng/ml



#21 AR-1248-1

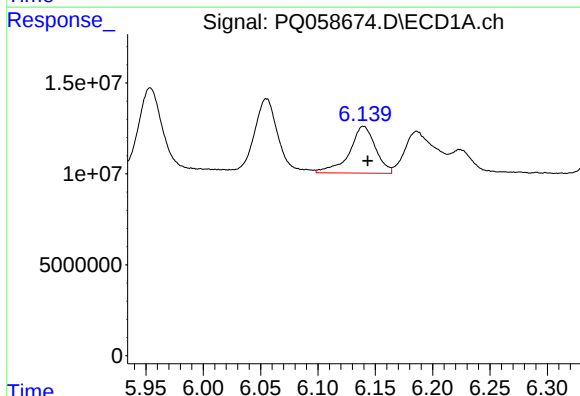
R.T.: 5.868 min
Delta R.T.: -0.003 min
Response: 61001361
Conc: 519.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



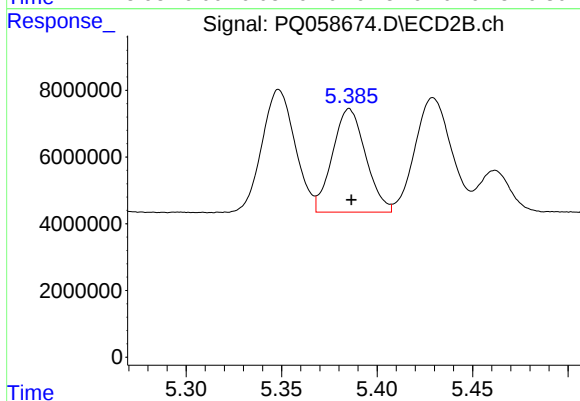
#21 AR-1248-1

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 62496039
Conc: 539.91 ng/ml



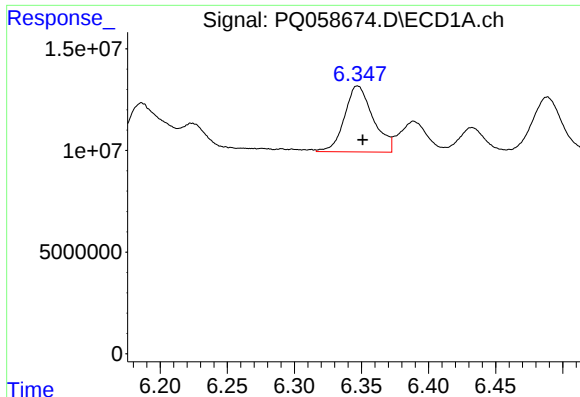
#22 AR-1248-2

R.T.: 6.140 min
Delta R.T.: -0.004 min
Response: 40834048
Conc: 242.55 ng/ml



#22 AR-1248-2

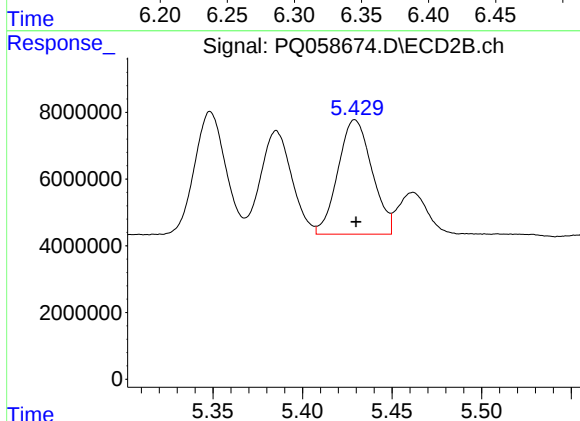
R.T.: 5.385 min
Delta R.T.: -0.001 min
Response: 37565522
Conc: 225.27 ng/ml



#23 AR-1248-3

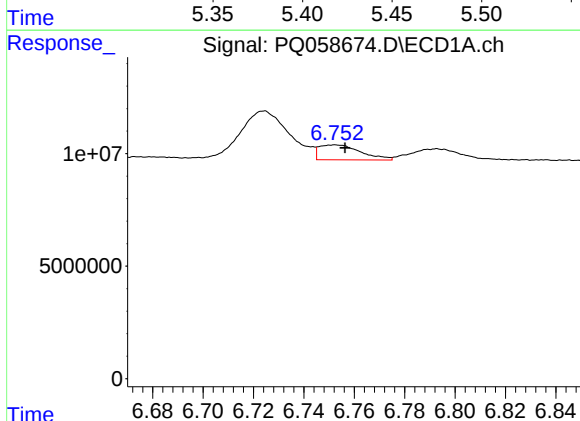
R.T.: 6.347 min
Delta R.T.: -0.004 min
Response: 48176188
Conc: 238.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



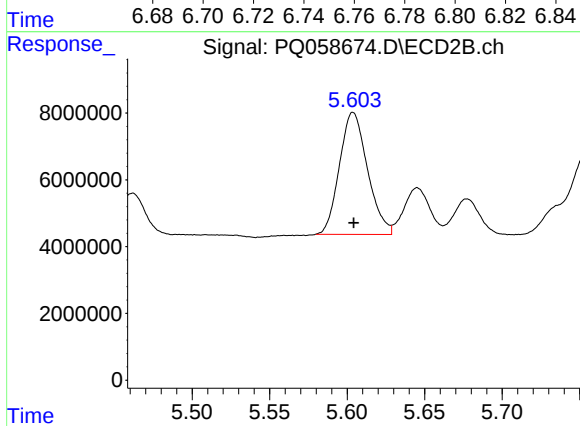
#23 AR-1248-3

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 45428342
Conc: 262.95 ng/ml



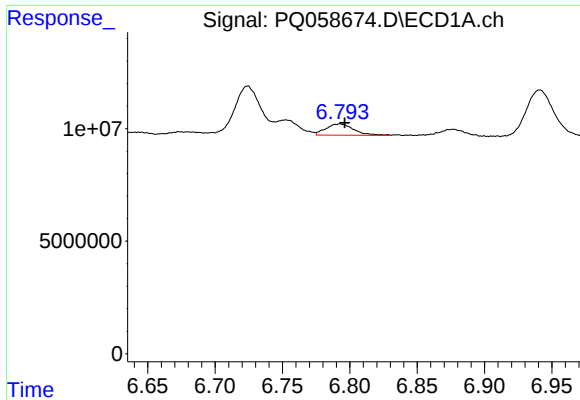
#24 AR-1248-4

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 7626586
Conc: 38.49 ng/ml



#24 AR-1248-4

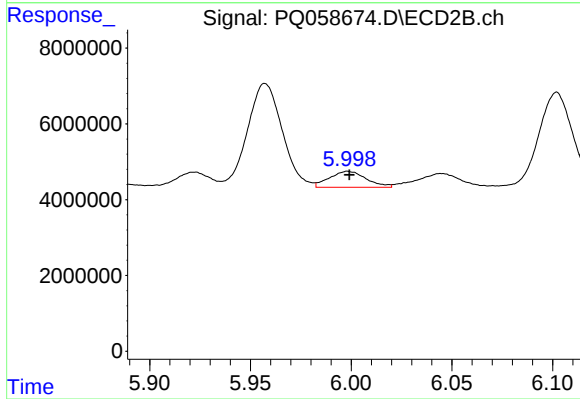
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 45998897
Conc: 231.93 ng/ml



#25 AR-1248-5

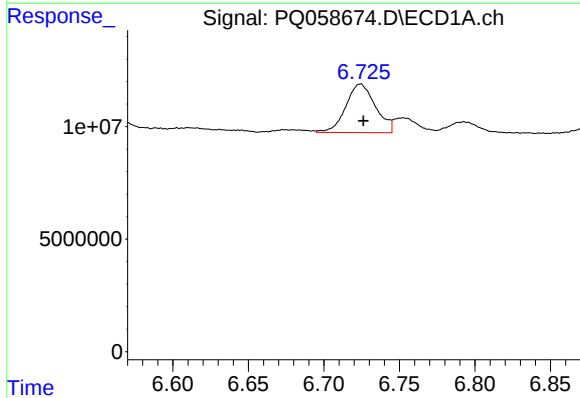
R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 7192566
Conc: 34.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



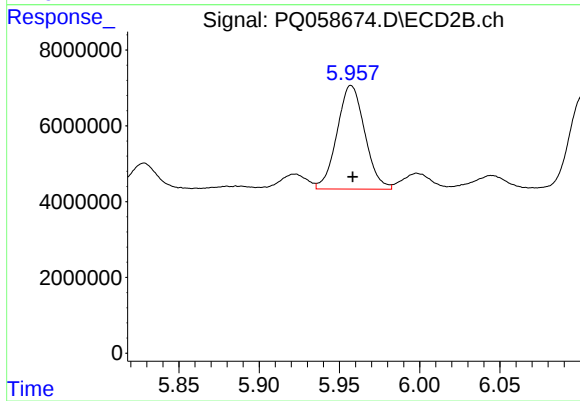
#25 AR-1248-5

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 5365614
Conc: 30.23 ng/ml



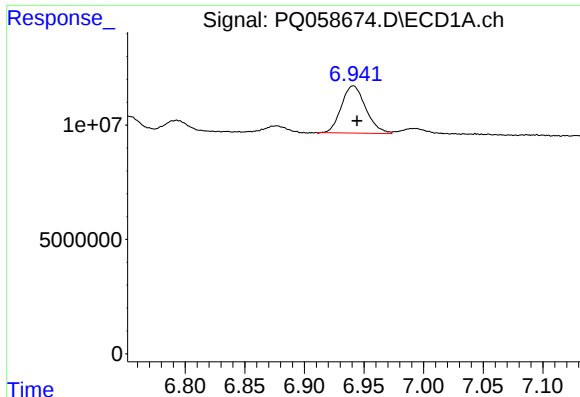
#26 AR-1254-1

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 29542967
Conc: 141.88 ng/ml



#26 AR-1254-1

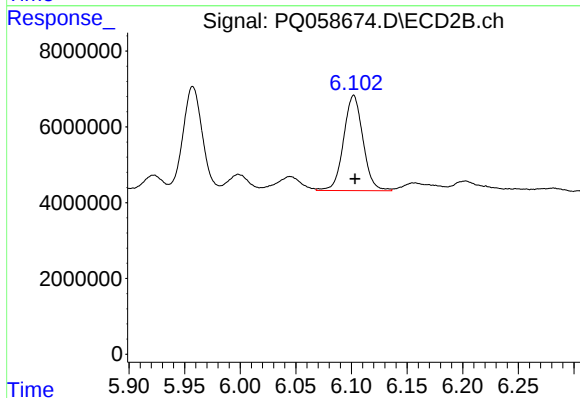
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 32913775
Conc: 108.86 ng/ml



#27 AR-1254-2

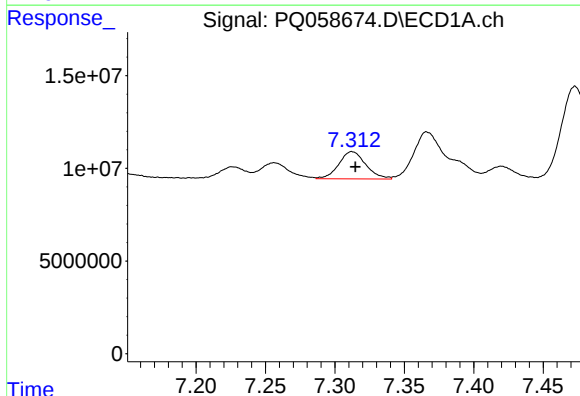
R.T.: 6.941 min
Delta R.T.: -0.003 min
Response: 29438078
Conc: 94.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



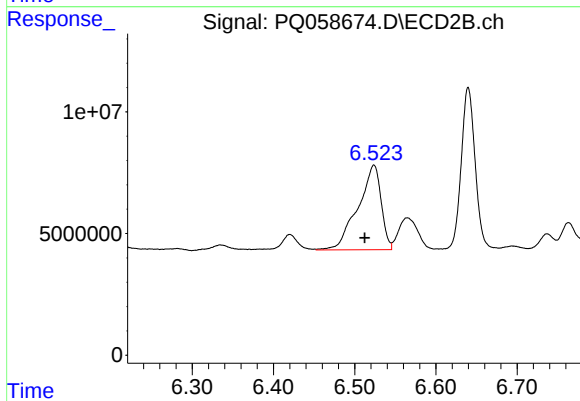
#27 AR-1254-2

R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 30574974
Conc: 117.62 ng/ml



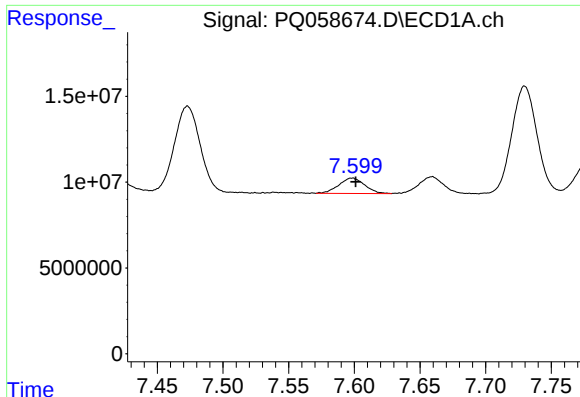
#28 AR-1254-3

R.T.: 7.312 min
Delta R.T.: -0.002 min
Response: 19950971
Conc: 55.65 ng/ml



#28 AR-1254-3

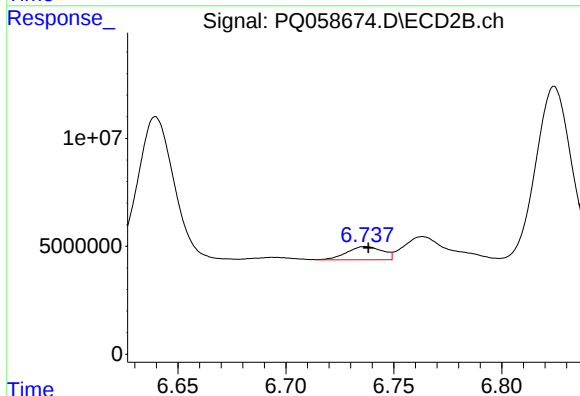
R.T.: 6.524 min
Delta R.T.: 0.011 min
Response: 69158657
Conc: 172.67 ng/ml



#29 AR-1254-4

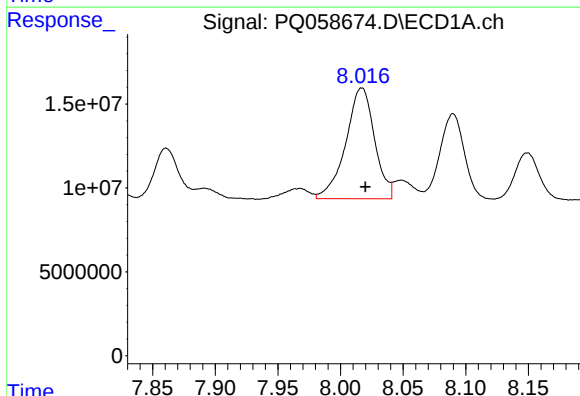
R.T.: 7.598 min
Delta R.T.: -0.003 min
Response: 12240410
Conc: 56.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



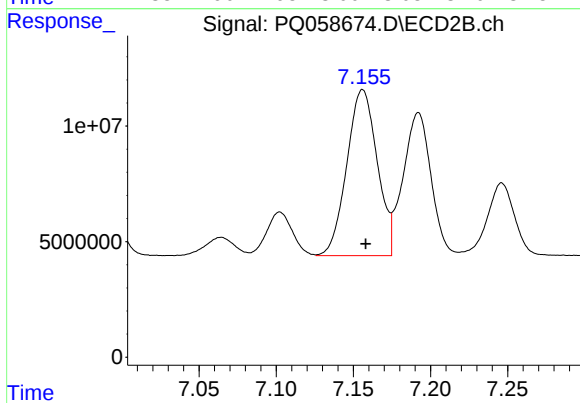
#29 AR-1254-4

R.T.: 6.737 min
Delta R.T.: -0.001 min
Response: 7116622
Conc: 27.79 ng/ml



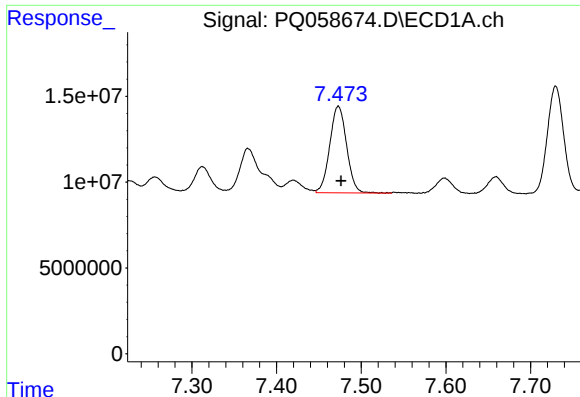
#30 AR-1254-5

R.T.: 8.017 min
Delta R.T.: -0.003 min
Response: 105907700
Conc: 406.88 ng/ml



#30 AR-1254-5

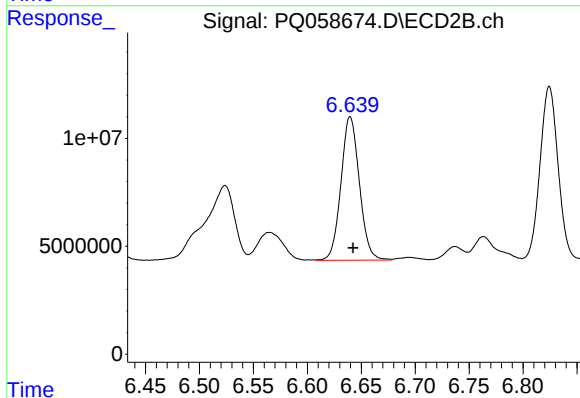
R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 98552454
Conc: 323.07 ng/ml



#31 AR-1260-1

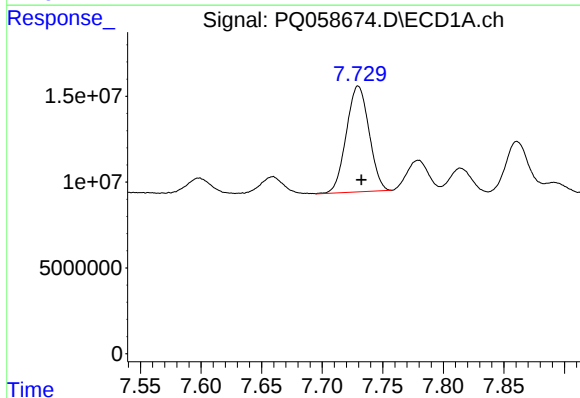
R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 69731127
Conc: 395.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



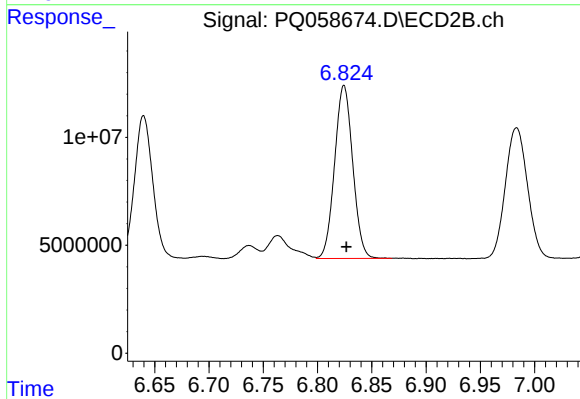
#31 AR-1260-1

R.T.: 6.640 min
Delta R.T.: -0.003 min
Response: 78995186
Conc: 394.64 ng/ml



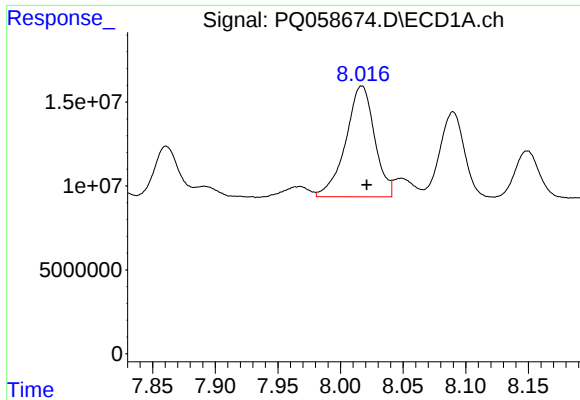
#32 AR-1260-2

R.T.: 7.730 min
Delta R.T.: -0.003 min
Response: 80521754
Conc: 384.50 ng/ml



#32 AR-1260-2

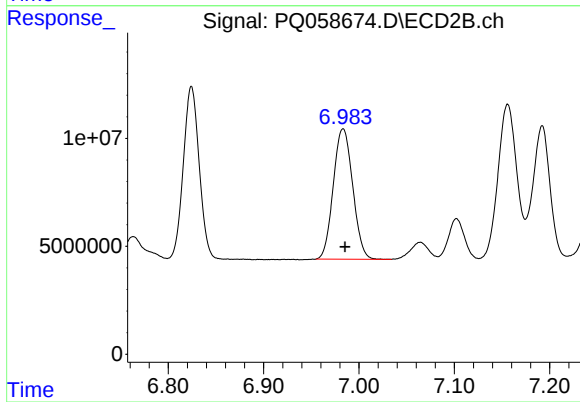
R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 93122522
Conc: 400.12 ng/ml



#33 AR-1260-3

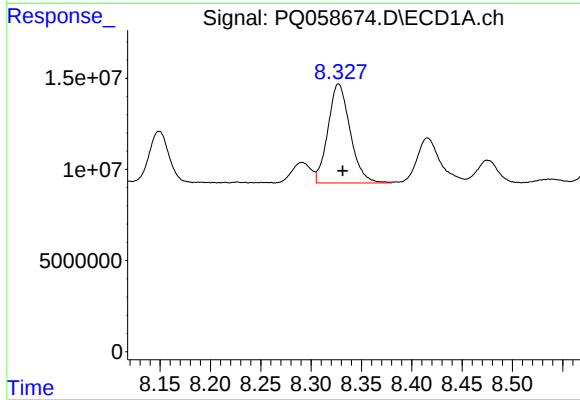
R.T.: 8.017 min
Delta R.T.: -0.004 min
Response: 105907700
Conc: 400.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



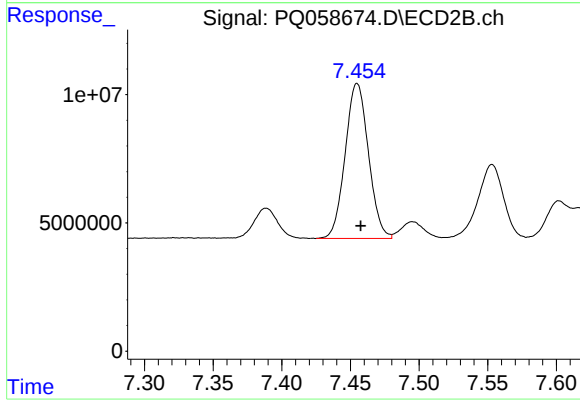
#33 AR-1260-3

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 85471332
Conc: 399.52 ng/ml



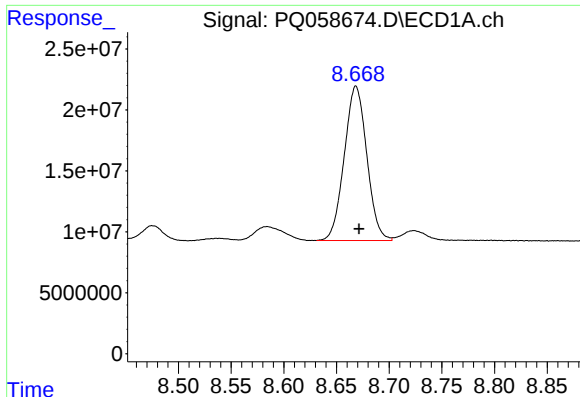
#34 AR-1260-4

R.T.: 8.327 min
Delta R.T.: -0.004 min
Response: 83344064
Conc: 409.69 ng/ml



#34 AR-1260-4

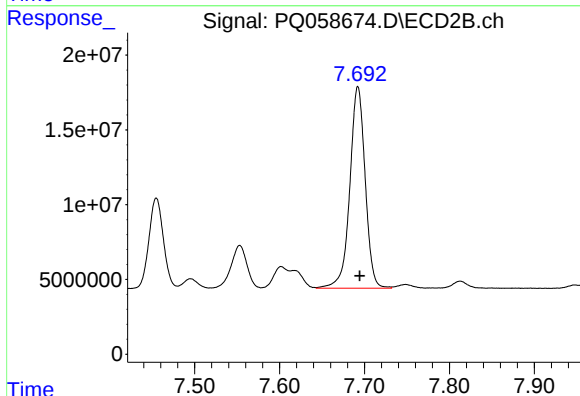
R.T.: 7.455 min
Delta R.T.: -0.003 min
Response: 71296760
Conc: 403.40 ng/ml



#35 AR-1260-5

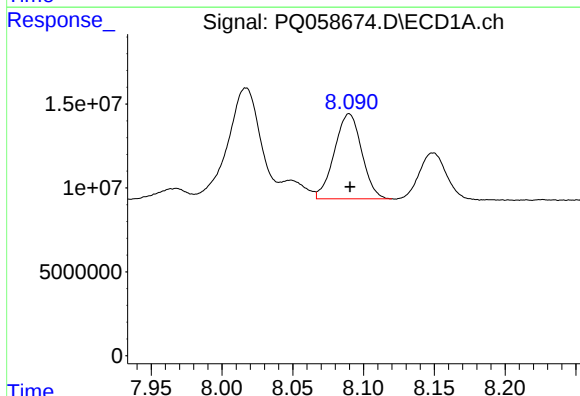
R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 188807382
Conc: 428.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



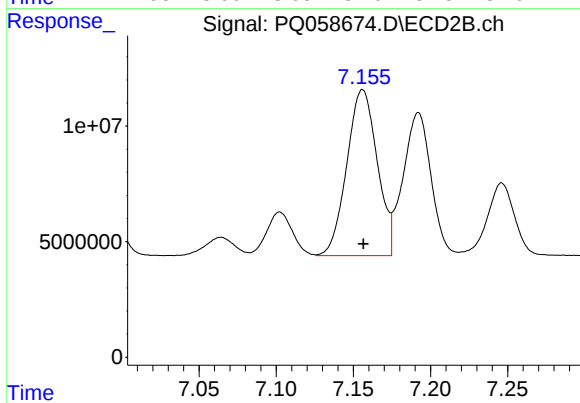
#35 AR-1260-5

R.T.: 7.692 min
Delta R.T.: -0.002 min
Response: 169440445
Conc: 425.97 ng/ml



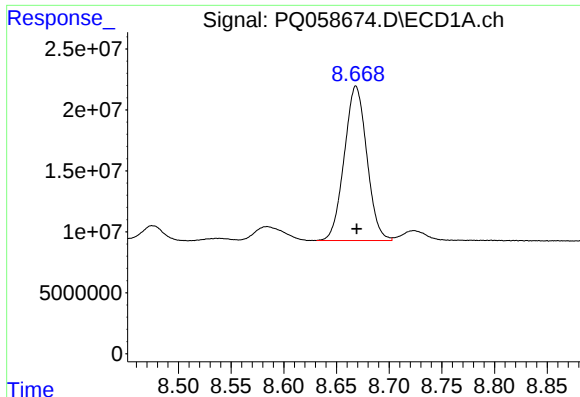
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 68069779
Conc: 208.77 ng/ml



#36 AR-1262-1

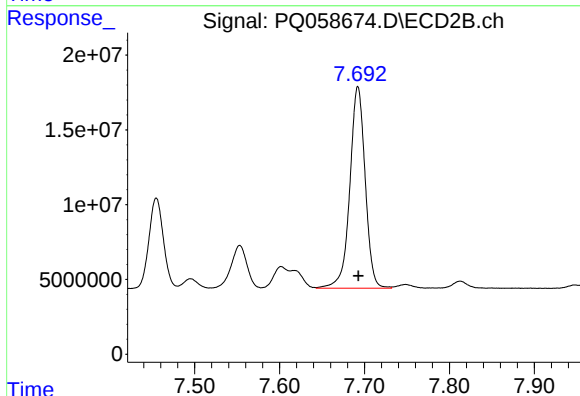
R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 98552454
Conc: 611.19 ng/ml



#37 AR-1262-2

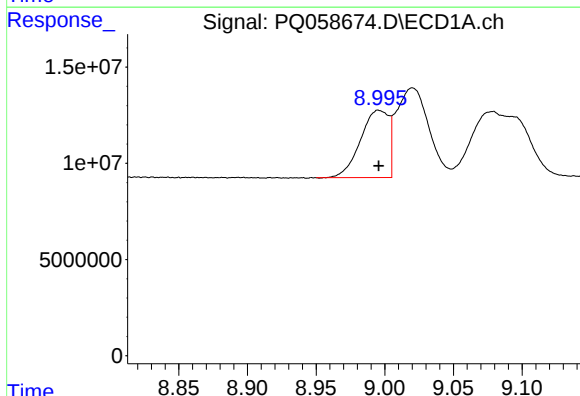
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 188807382
Conc: 295.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



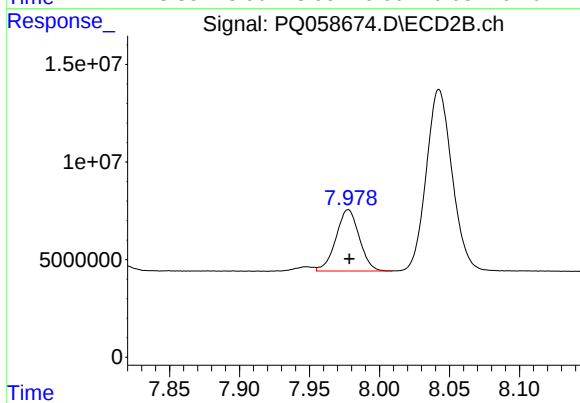
#37 AR-1262-2

R.T.: 7.692 min
Delta R.T.: 0.000 min
Response: 169440445
Conc: 303.26 ng/ml



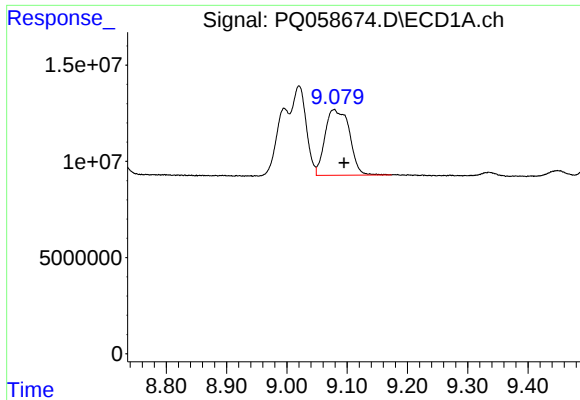
#38 AR-1262-3

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 50222950
Conc: 144.34 ng/ml



#38 AR-1262-3

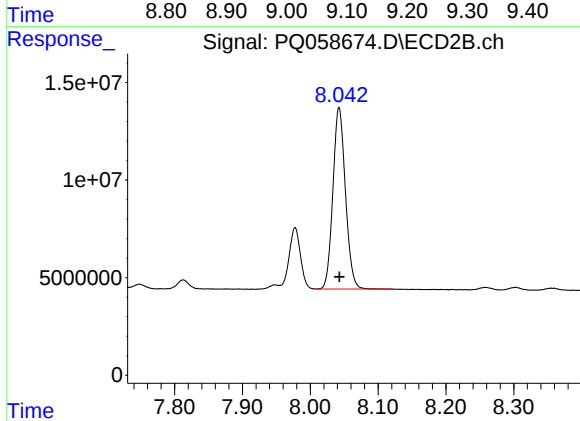
R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 36412466
Conc: 167.16 ng/ml



#39 AR-1262-4

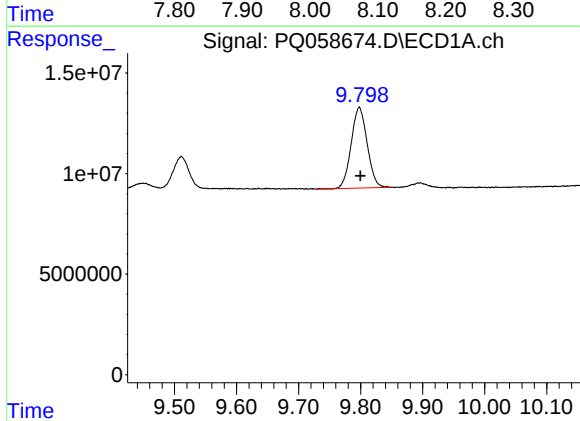
R.T.: 9.079 min
Delta R.T.: -0.016 min
Response: 96093551
Conc: 303.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



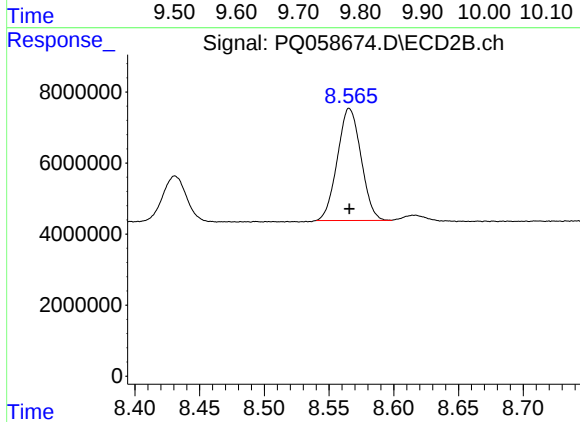
#39 AR-1262-4

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 119356980
Conc: 299.15 ng/ml



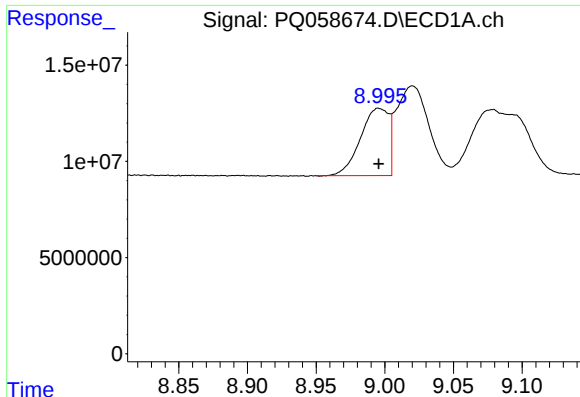
#40 AR-1262-5

R.T.: 9.798 min
Delta R.T.: -0.002 min
Response: 72005190
Conc: 283.99 ng/ml



#40 AR-1262-5

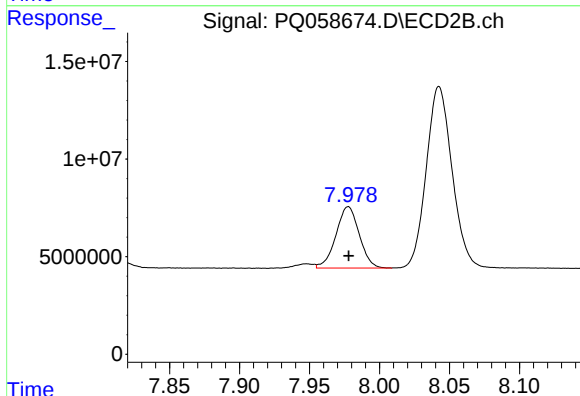
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 40171236
Conc: 253.29 ng/ml



#41 AR-1268-1

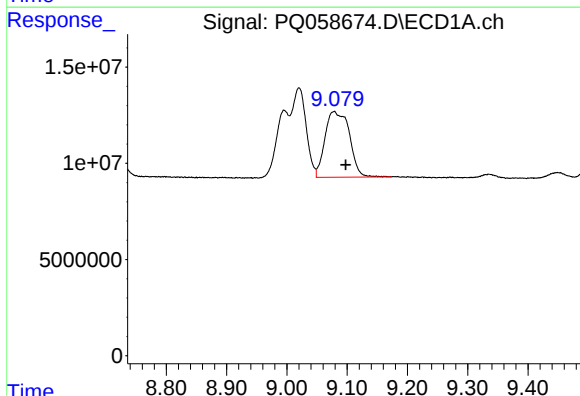
R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 50222950
Conc: 48.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



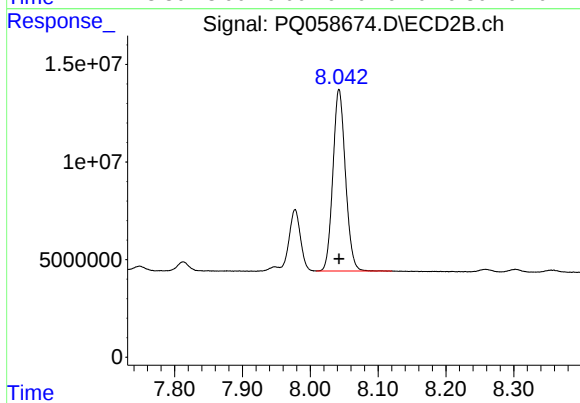
#41 AR-1268-1

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 36412466
Conc: 46.85 ng/ml



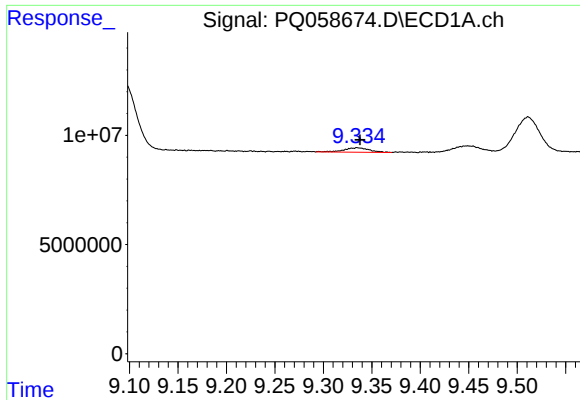
#42 AR-1268-2

R.T.: 9.079 min
Delta R.T.: -0.019 min
Response: 96093551
Conc: 88.48 ng/ml



#42 AR-1268-2

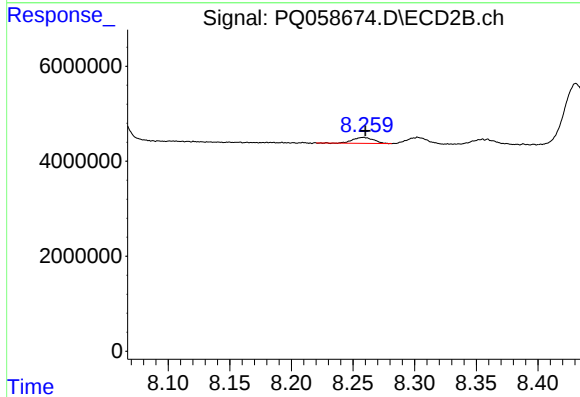
R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 119356980
Conc: 168.99 ng/ml



#43 AR-1268-3

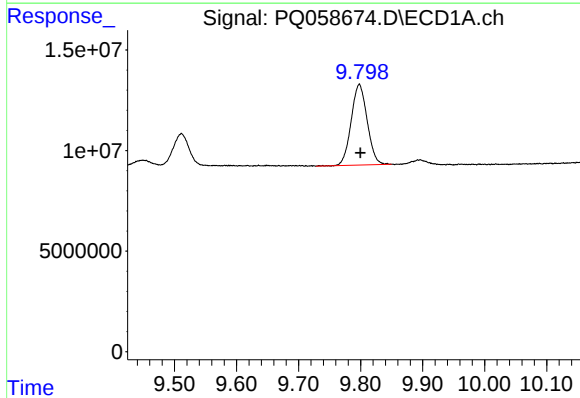
R.T.: 9.335 min
Delta R.T.: -0.003 min
Response: 3751699
Conc: 3.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



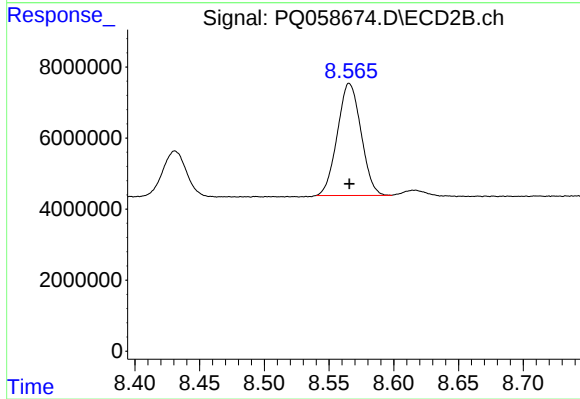
#43 AR-1268-3

R.T.: 8.258 min
Delta R.T.: -0.002 min
Response: 1489032
Conc: 2.43 ng/ml



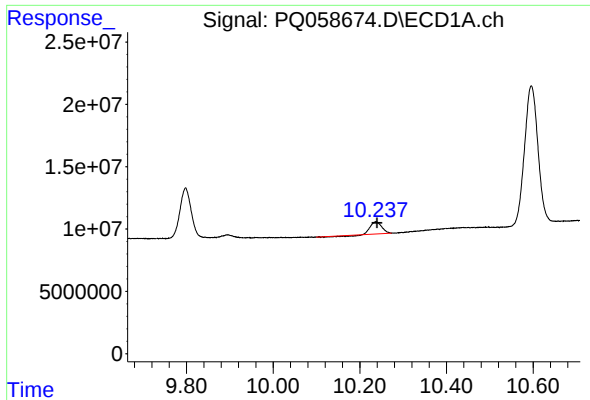
#44 AR-1268-4

R.T.: 9.798 min
Delta R.T.: -0.002 min
Response: 72005190
Conc: 217.04 ng/ml



#44 AR-1268-4

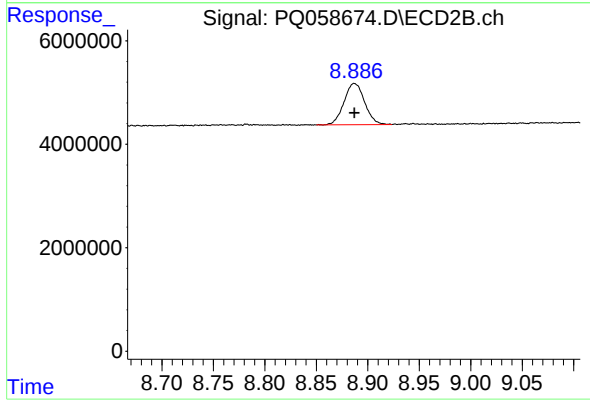
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 40171236
Conc: 188.71 ng/ml



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: -0.003 min
Response: 16328935
Conc: 5.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 11097207
Conc: 6.03 ng/ml