

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112018\
 Data File : PQ034711.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2018 18:20
 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: Nov 21 00:05:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 09 08:12:53 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...	4.532	3.820	164.1E6	100.6E6	55.968	52.695
2)	SA Decachlor...	10.317	8.840	123.7E6	74149518	48.200	37.733
Target Compounds							
3)	L1 AR-1016-1	5.727	4.924	73706461	38437000	777.643	544.150 #
4)	L1 AR-1016-2	5.727	4.924	73706461	38437000	522.161	381.279 #
5)	L1 AR-1016-3	5.790	5.102	43275388	16611750	509.284	323.475 #
6)	L1 AR-1016-4	5.976	5.141	27447374	16888185	404.298	410.360
7)	L1 AR-1016-5	6.224	5.356	1918988	15290487	27.204	286.700 #
8)	L2 AR-1221-1	4.738	4.031	1812389	1609886	63.281	76.814
9)	L2 AR-1221-2	4.830	4.120	1979458	4245992	92.895	274.491 #
10)	L2 AR-1221-3	0.000	4.195	0	16271844	N.D.	318.795 #
11)	L3 AR-1232-1	0.000	4.195	0	16271844	N.D.	430.050 #
12)	L3 AR-1232-2	5.437	4.956	35626908	861400	1268.354	21.674 #
13)	L3 AR-1232-3	5.727	5.102	73706461	16611750	1296.994	807.421 #
14)	L3 AR-1232-4	5.976	5.214	27447374	6962302	982.910	375.724 #
15)	L3 AR-1232-5	6.022	5.356	30408207	15290487	1515.048	756.635 #
16)	L4 AR-1242-1	5.727	4.924	73706461	38437000	937.796	695.470 #
17)	L4 AR-1242-2	5.727	4.956	73706461	861400	630.457	10.773 #
18)	L4 AR-1242-3	5.790	5.102	43275388	16611750	611.783	402.400 #
19)	L4 AR-1242-4	5.976	5.214	27447374	6962302	478.109	173.002 #
20)	L4 AR-1242-5	6.625	5.706	7486193	28763662	115.823	550.880 #
21)	L5 AR-1248-1	5.727	4.924	73706461	38437000	1135.461	829.005 #
22)	L5 AR-1248-2	6.022	5.141	30408207	16888185	326.195	269.195
23)	L5 AR-1248-3	6.224	5.183	1918988	21640996	17.979	334.561 #
24)	L5 AR-1248-4	6.625	5.356	7486193	15290487	61.603	191.880 #
25)	L5 AR-1248-5	6.625	5.747	7486193	6370876	64.066	79.201
26)	L6 AR-1254-1	6.586	5.706	3417175	28763662	30.235	248.775 #
27)	L6 AR-1254-2	6.825	5.852	1616878	22346829	9.016	223.332 #
28)	L6 AR-1254-3	7.145	6.267	19763708	44965892	101.656	260.214 #
29)	L6 AR-1254-4	7.430	6.510	11799976	12019636	82.454	110.277 #
30)	L6 AR-1254-5	7.880	6.934	11959671	44508457	75.961	293.307 #
31)	L7 AR-1260-1	7.306	6.384	66956729	52069576	485.619	452.427
32)	L7 AR-1260-2	7.609	6.571	26287193	64450512	152.730	453.932 #
33)	L7 AR-1260-3	7.921	6.725	50070111	46589153	491.554	353.625 #
34)	L7 AR-1260-4	8.151	7.194	62831785	41158578	483.638	453.590
35)	L7 AR-1260-5	8.533	7.436	6377029	104.6E6	25.570	450.041 #
36)	L8 AR-1262-1	7.921	6.934	50070111	44508457	271.810	296.417
37)	L8 AR-1262-2	8.478	7.436	119.5E6	104.6E6	351.240	362.956
38)	L8 AR-1262-3	8.816	7.716	53472281	16776609	240.735	157.048 #
39)	L8 AR-1262-4	8.869	7.782	35592636	73000908	422.226	356.498
40)	L8 AR-1262-5	0.000	8.283	0	13337189	N.D.	146.315 #
41)	L9 AR-1268-1	8.816	7.716	53472281	16776609	121.346	47.134 #

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 Acq On : 20 Nov 2018 18:20
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

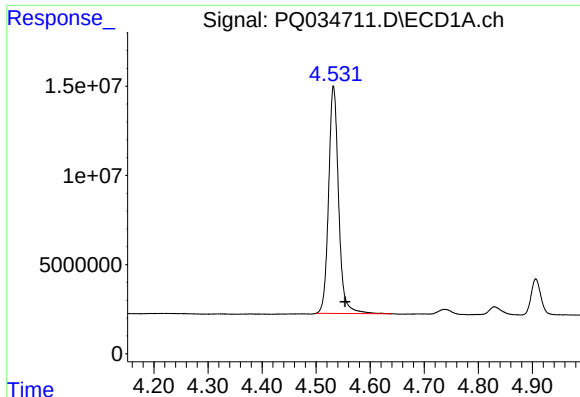
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 00:05:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 09 08:12:53 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	8.869	7.782	35592636	73000908	89.636	228.487 #
43) L9	AR-1268-3	9.222	8.037	1387801	784099	4.069	2.984 #
44) L9	AR-1268-4	0.000	8.283	0	13337189	N.D.	119.968 #
45) L9	AR-1268-5	9.979	8.582	1388563	2784342	1.218	3.218 #

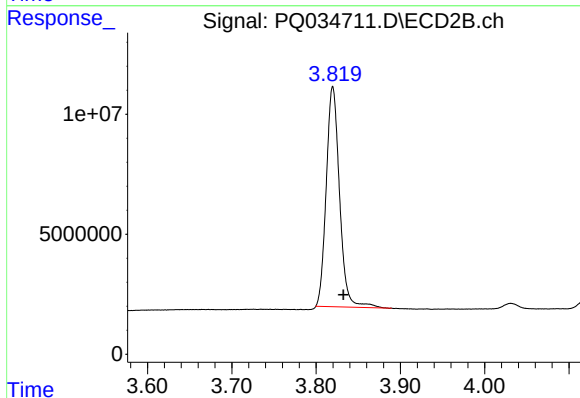
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

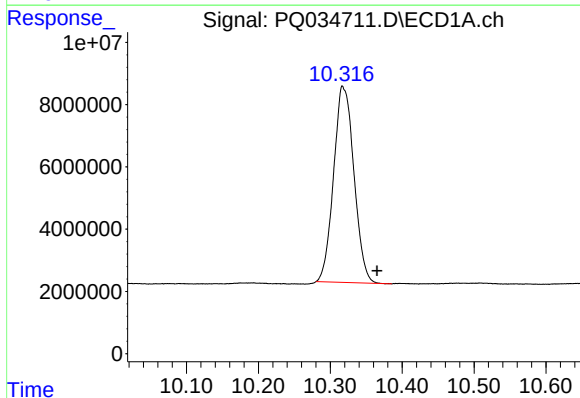
R.T.: 4.532 min
Delta R.T.: -0.022 min
Response: 164060220
Conc: 55.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



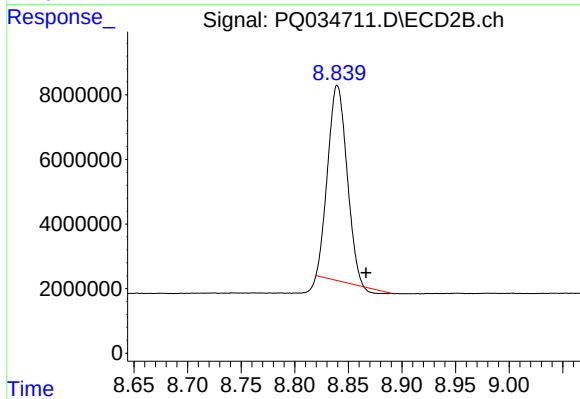
#1 Tetrachloro-m-xylene

R.T.: 3.820 min
Delta R.T.: -0.012 min
Response: 100578346
Conc: 52.70 ng/ml



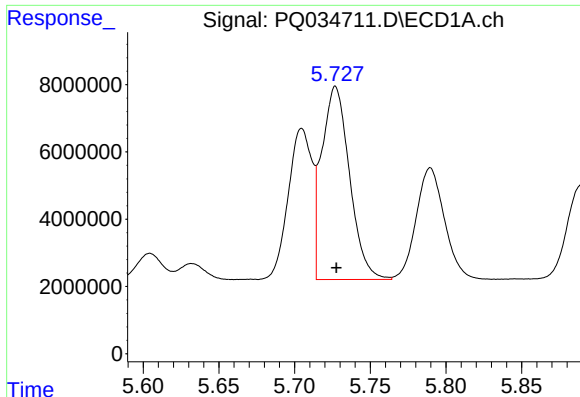
#2 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: -0.048 min
Response: 123728134
Conc: 48.20 ng/ml



#2 Decachlorobiphenyl

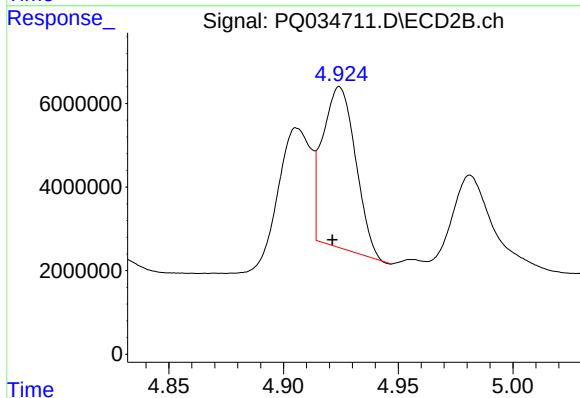
R.T.: 8.840 min
Delta R.T.: -0.027 min
Response: 74149518
Conc: 37.73 ng/ml



#3 AR-1016-1

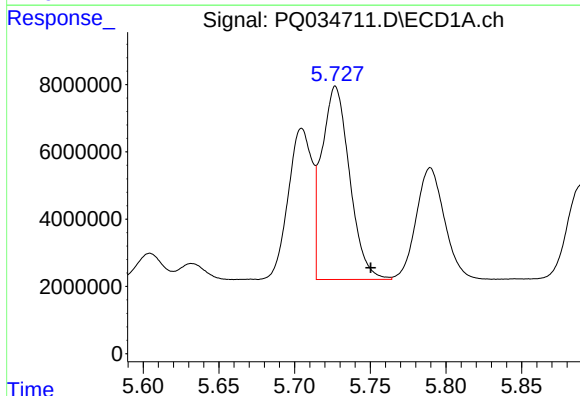
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 73706461
Conc: 777.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



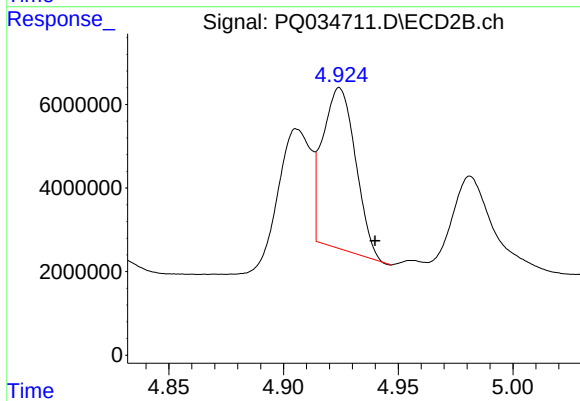
#3 AR-1016-1

R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 38437000
Conc: 544.15 ng/ml



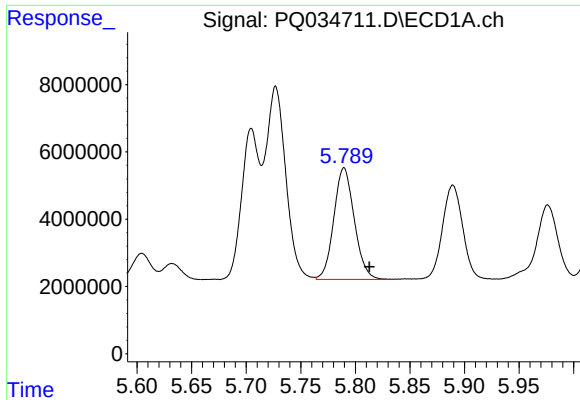
#4 AR-1016-2

R.T.: 5.727 min
Delta R.T.: -0.023 min
Response: 73706461
Conc: 522.16 ng/ml



#4 AR-1016-2

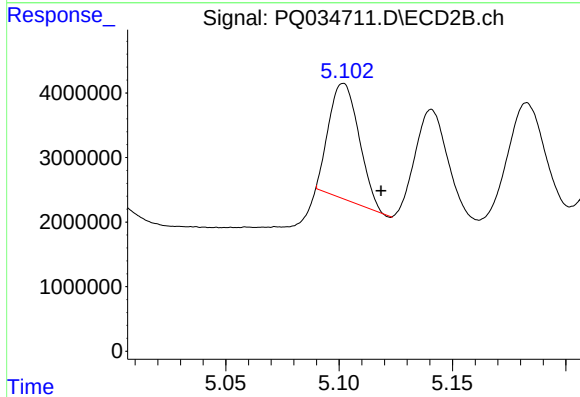
R.T.: 4.924 min
Delta R.T.: -0.016 min
Response: 38437000
Conc: 381.28 ng/ml



#5 AR-1016-3

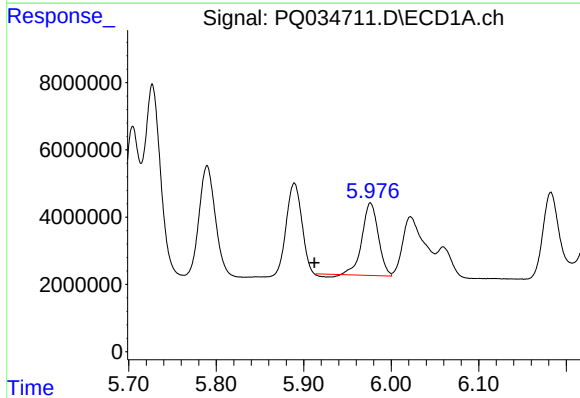
R.T.: 5.790 min
Delta R.T.: -0.023 min
Response: 43275388
Conc: 509.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



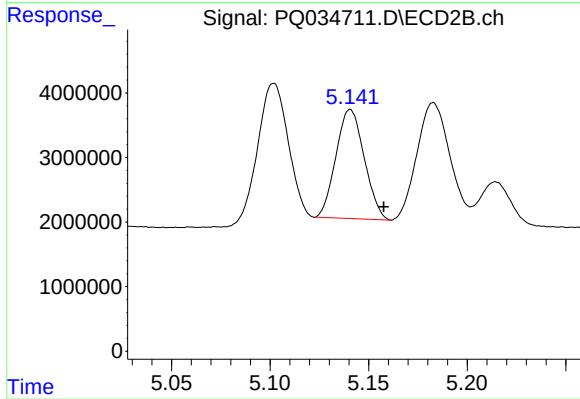
#5 AR-1016-3

R.T.: 5.102 min
Delta R.T.: -0.017 min
Response: 16611750
Conc: 323.48 ng/ml



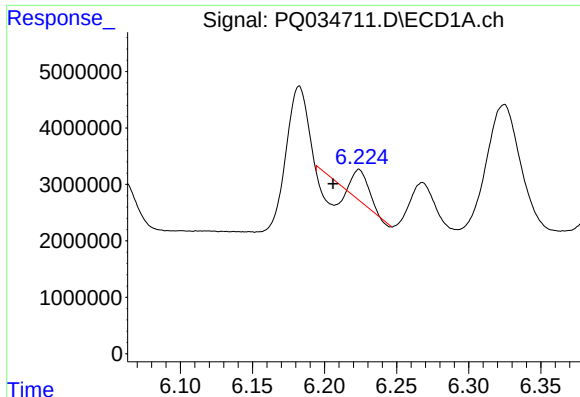
#6 AR-1016-4

R.T.: 5.976 min
Delta R.T.: 0.064 min
Response: 27447374
Conc: 404.30 ng/ml



#6 AR-1016-4

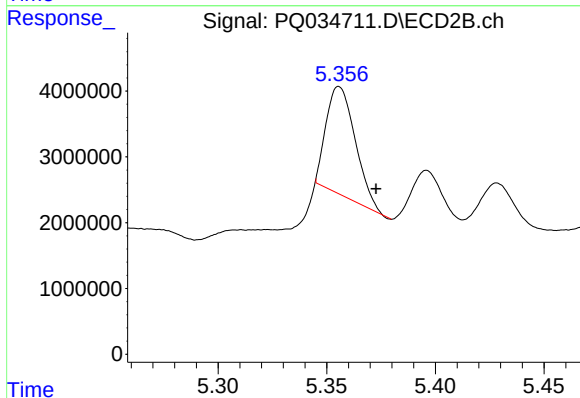
R.T.: 5.141 min
Delta R.T.: -0.017 min
Response: 16888185
Conc: 410.36 ng/ml



#7 AR-1016-5

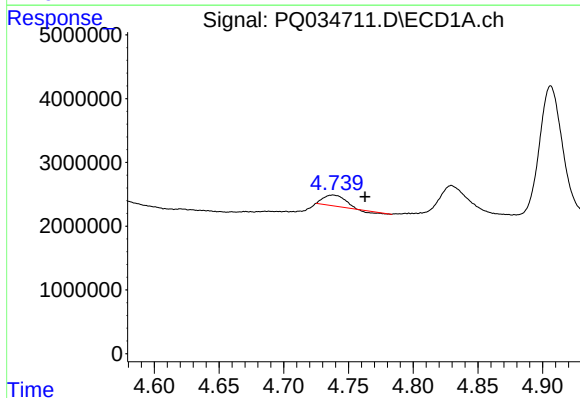
R.T.: 6.224 min
Delta R.T.: 0.018 min
Response: 1918988
Conc: 27.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



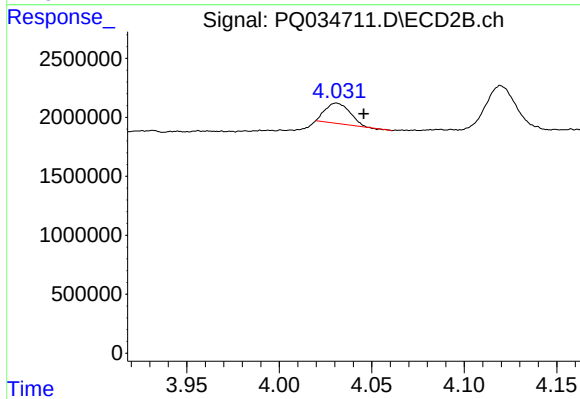
#7 AR-1016-5

R.T.: 5.356 min
Delta R.T.: -0.017 min
Response: 15290487
Conc: 286.70 ng/ml



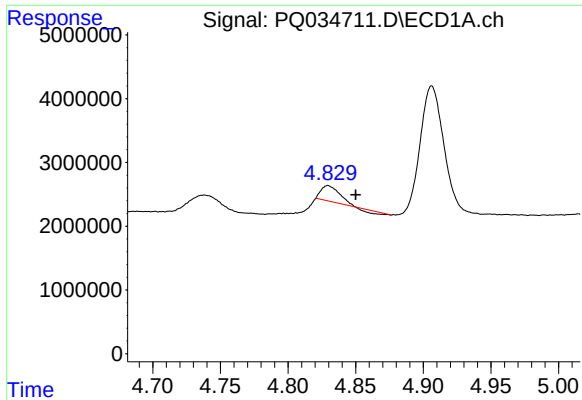
#8 AR-1221-1

R.T.: 4.738 min
Delta R.T.: -0.025 min
Response: 1812389
Conc: 63.28 ng/ml



#8 AR-1221-1

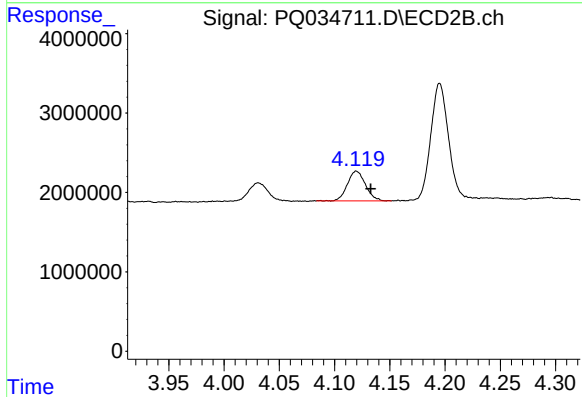
R.T.: 4.031 min
Delta R.T.: -0.015 min
Response: 1609886
Conc: 76.81 ng/ml



#9 AR-1221-2

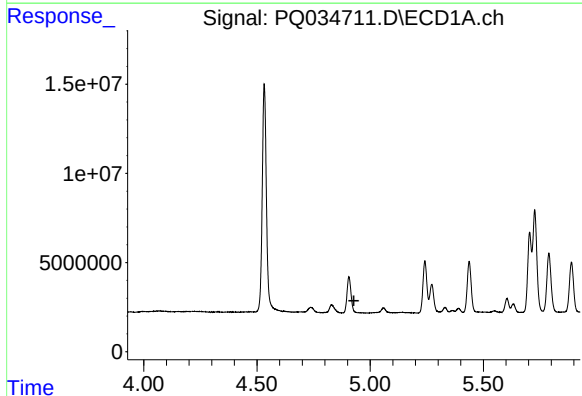
R.T.: 4.830 min
Delta R.T.: -0.020 min
Response: 1979458
Conc: 92.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



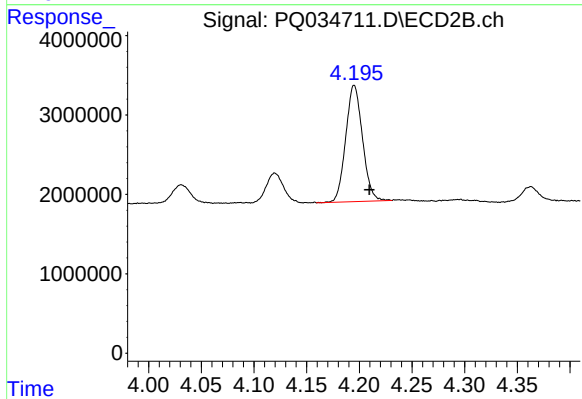
#9 AR-1221-2

R.T.: 4.120 min
Delta R.T.: -0.013 min
Response: 4245992
Conc: 274.49 ng/ml



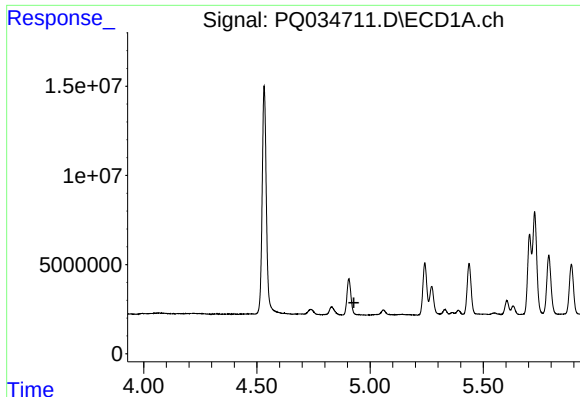
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



#10 AR-1221-3

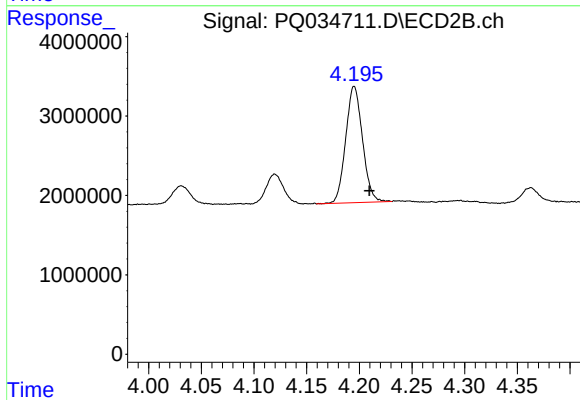
R.T.: 4.195 min
Delta R.T.: -0.014 min
Response: 16271844
Conc: 318.80 ng/ml



#11 AR-1232-1

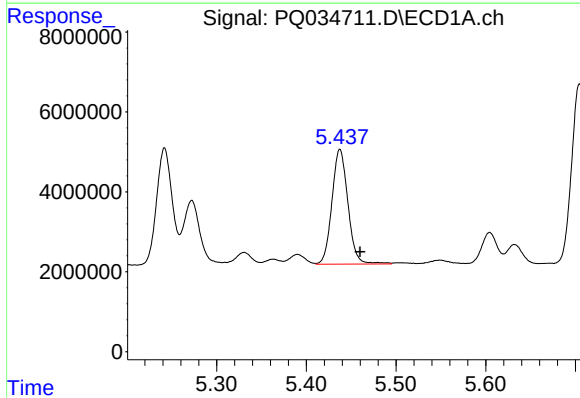
R.T.: 0.000 min
Exp R.T.: 4.928 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



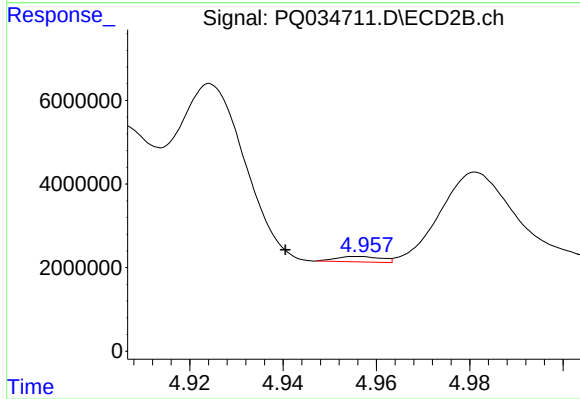
#11 AR-1232-1

R.T.: 4.195 min
Delta R.T.: -0.014 min
Response: 16271844
Conc: 430.05 ng/ml



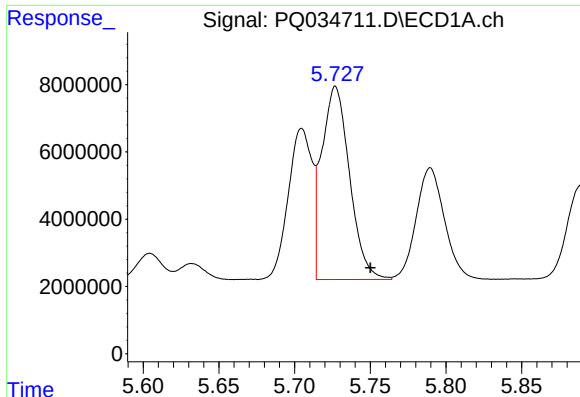
#12 AR-1232-2

R.T.: 5.437 min
Delta R.T.: -0.022 min
Response: 35626908
Conc: 1268.35 ng/ml



#12 AR-1232-2

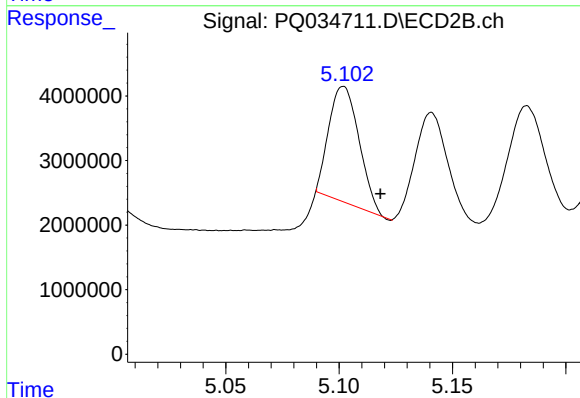
R.T.: 4.956 min
Delta R.T.: 0.016 min
Response: 861400
Conc: 21.67 ng/ml



#13 AR-1232-3

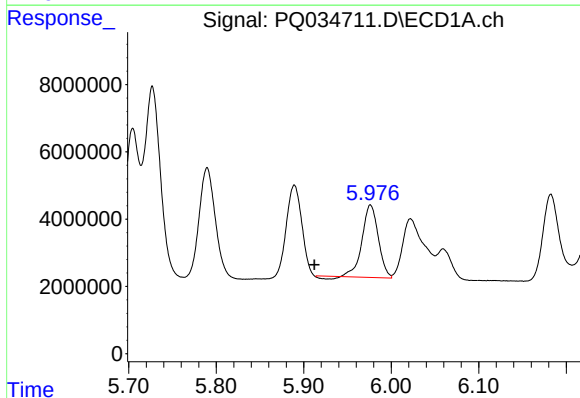
R.T.: 5.727 min
Delta R.T.: -0.023 min
Response: 73706461
Conc: 1296.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



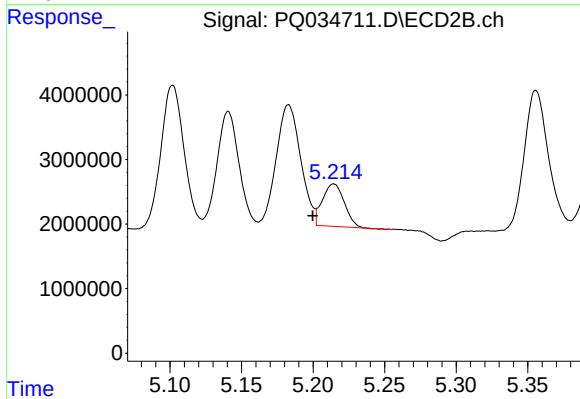
#13 AR-1232-3

R.T.: 5.102 min
Delta R.T.: -0.016 min
Response: 16611750
Conc: 807.42 ng/ml



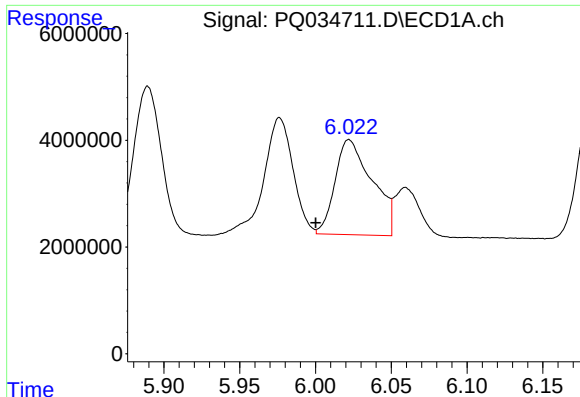
#14 AR-1232-4

R.T.: 5.976 min
Delta R.T.: 0.064 min
Response: 27447374
Conc: 982.91 ng/ml



#14 AR-1232-4

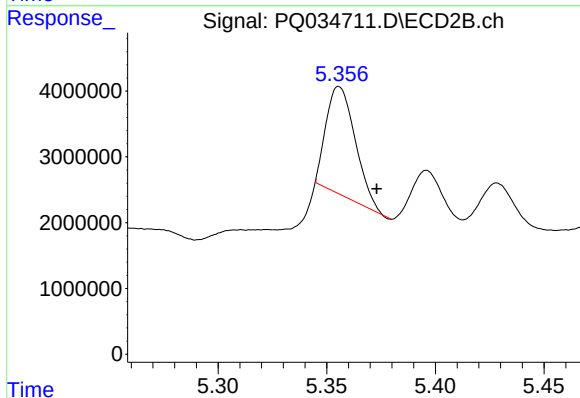
R.T.: 5.214 min
Delta R.T.: 0.015 min
Response: 6962302
Conc: 375.72 ng/ml



#15 AR-1232-5

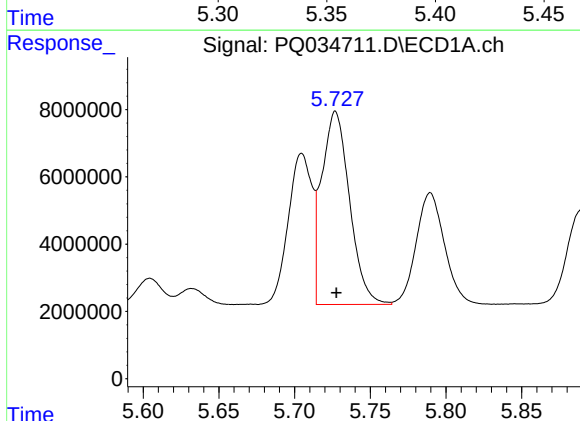
R.T.: 6.022 min
Delta R.T.: 0.022 min
Response: 30408207
Conc: 1515.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



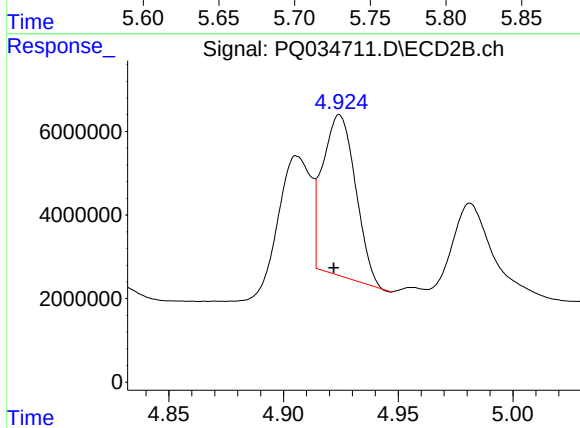
#15 AR-1232-5

R.T.: 5.356 min
Delta R.T.: -0.017 min
Response: 15290487
Conc: 756.64 ng/ml



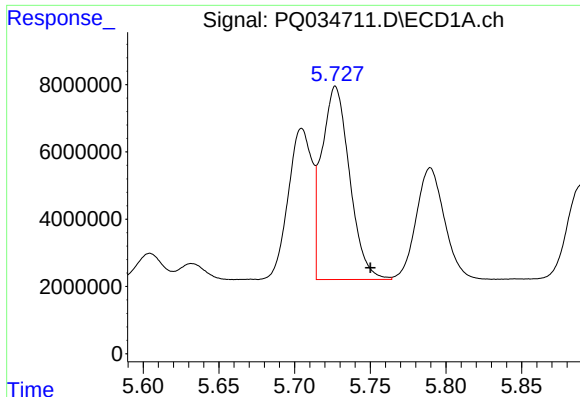
#16 AR-1242-1

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 73706461
Conc: 937.80 ng/ml



#16 AR-1242-1

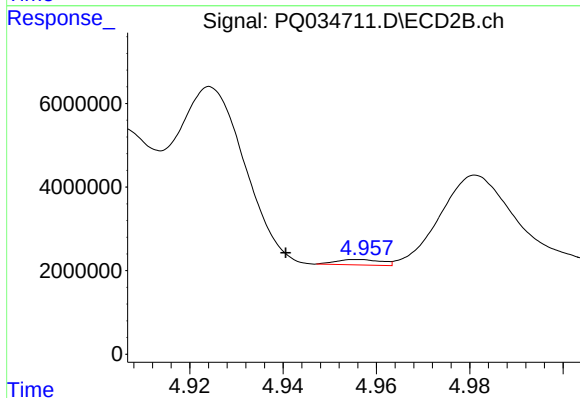
R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 38437000
Conc: 695.47 ng/ml



#17 AR-1242-2

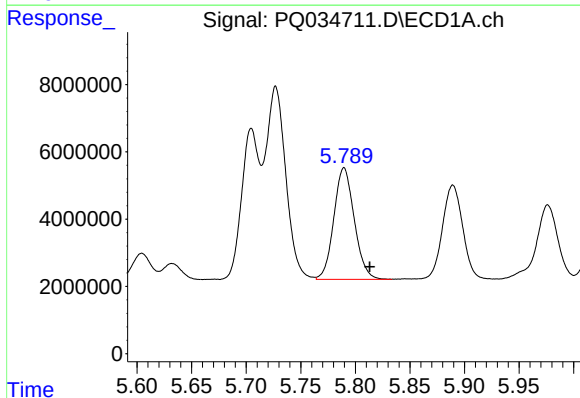
R.T.: 5.727 min
Delta R.T.: -0.023 min
Response: 73706461
Conc: 630.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



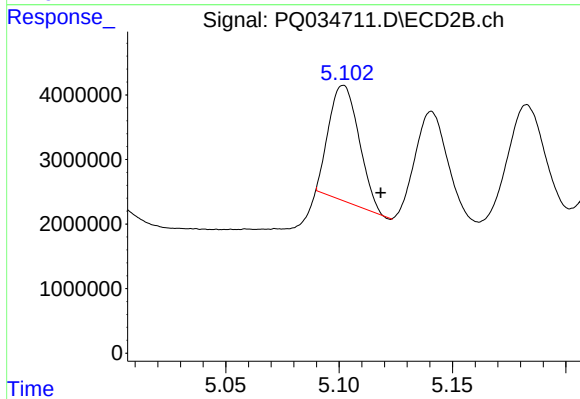
#17 AR-1242-2

R.T.: 4.956 min
Delta R.T.: 0.016 min
Response: 861400
Conc: 10.77 ng/ml



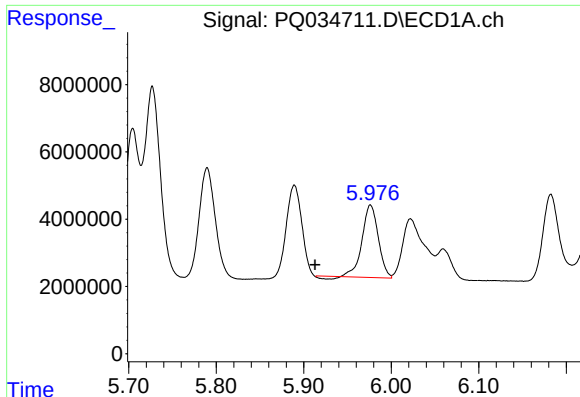
#18 AR-1242-3

R.T.: 5.790 min
Delta R.T.: -0.024 min
Response: 43275388
Conc: 611.78 ng/ml



#18 AR-1242-3

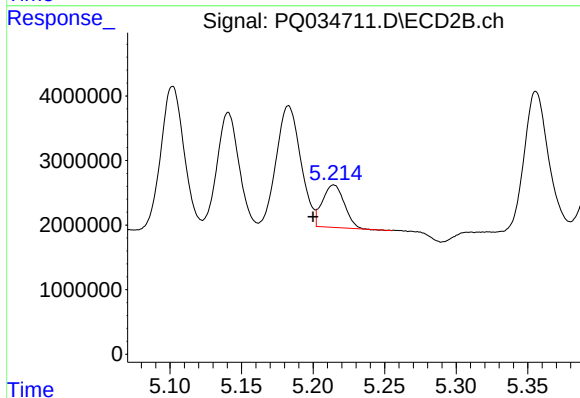
R.T.: 5.102 min
Delta R.T.: -0.016 min
Response: 16611750
Conc: 402.40 ng/ml



#19 AR-1242-4

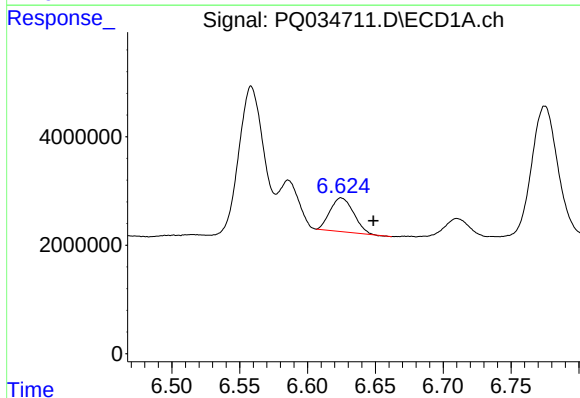
R.T.: 5.976 min
Delta R.T.: 0.063 min
Response: 27447374
Conc: 478.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



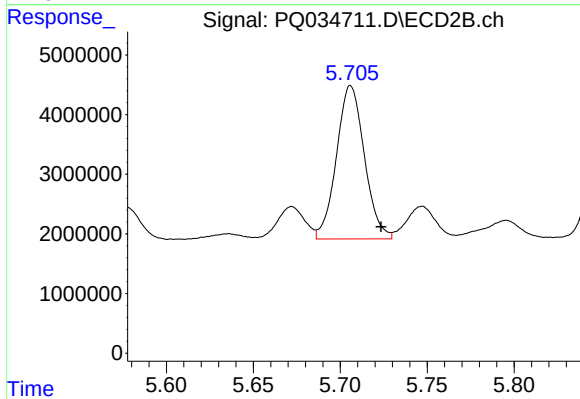
#19 AR-1242-4

R.T.: 5.214 min
Delta R.T.: 0.015 min
Response: 6962302
Conc: 173.00 ng/ml



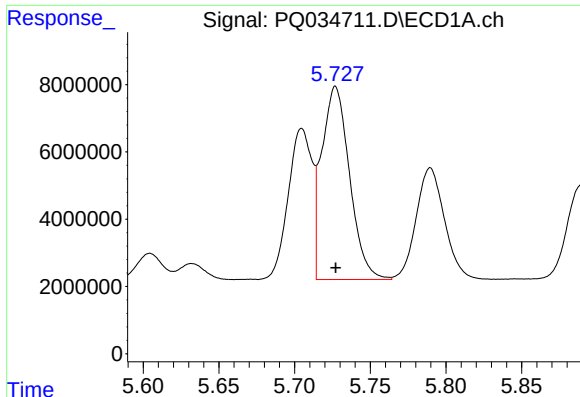
#20 AR-1242-5

R.T.: 6.625 min
Delta R.T.: -0.024 min
Response: 7486193
Conc: 115.82 ng/ml



#20 AR-1242-5

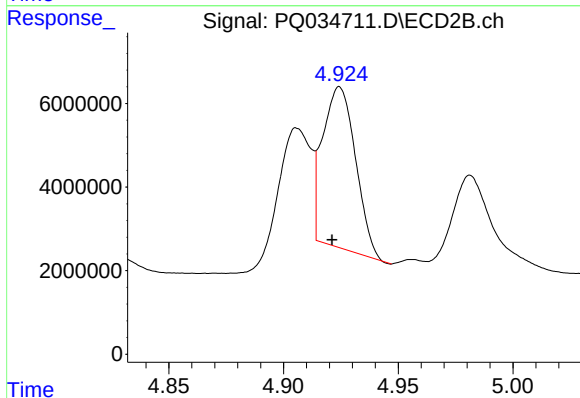
R.T.: 5.706 min
Delta R.T.: -0.018 min
Response: 28763662
Conc: 550.88 ng/ml



#21 AR-1248-1

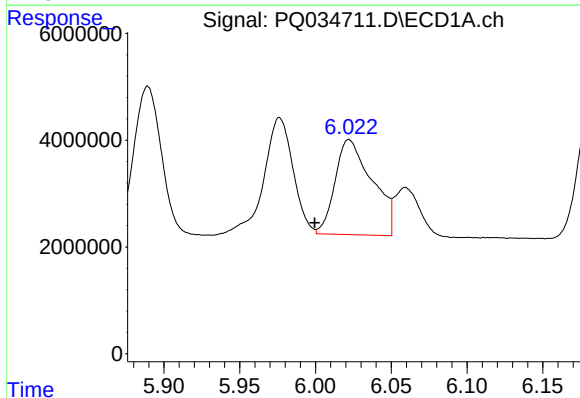
R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 73706461
Conc: 1135.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



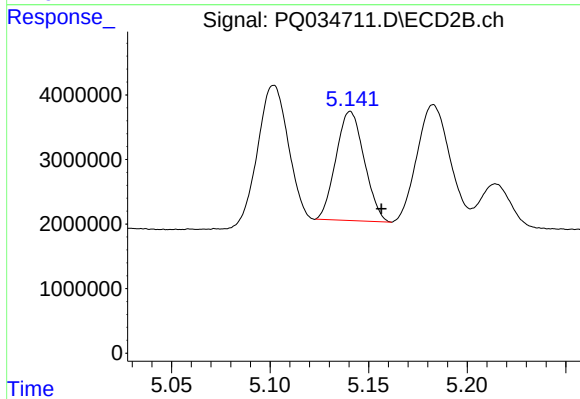
#21 AR-1248-1

R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 38437000
Conc: 829.01 ng/ml



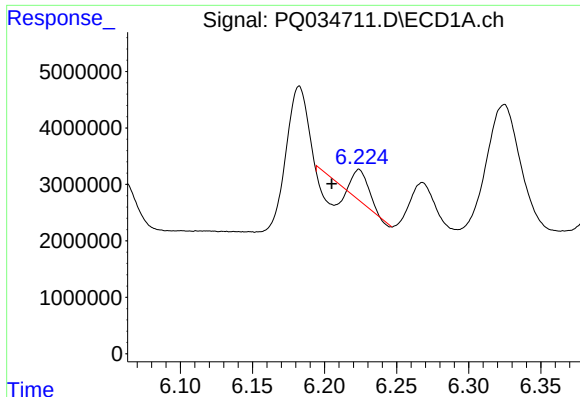
#22 AR-1248-2

R.T.: 6.022 min
Delta R.T.: 0.023 min
Response: 30408207
Conc: 326.20 ng/ml



#22 AR-1248-2

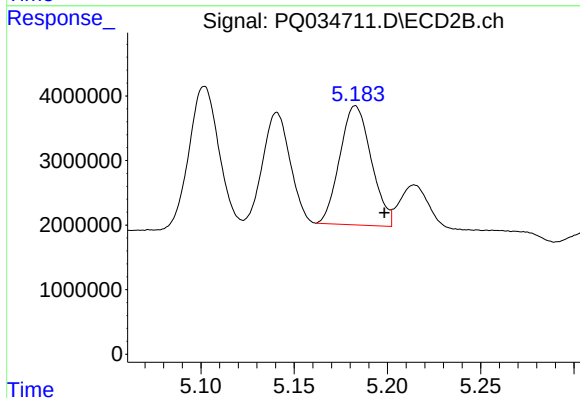
R.T.: 5.141 min
Delta R.T.: -0.016 min
Response: 16888185
Conc: 269.19 ng/ml



#23 AR-1248-3

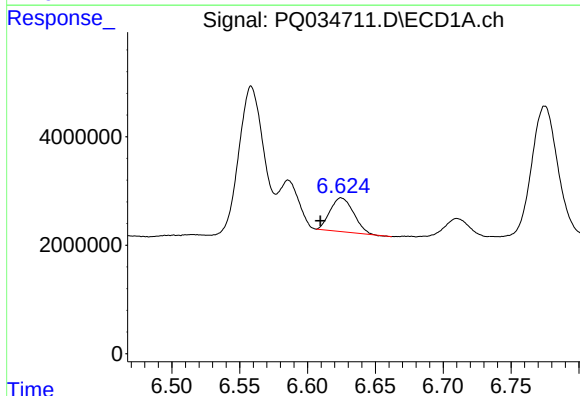
R.T.: 6.224 min
Delta R.T.: 0.019 min
Response: 1918988
Conc: 17.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



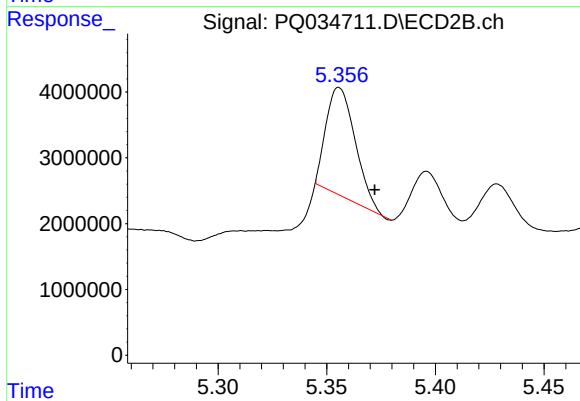
#23 AR-1248-3

R.T.: 5.183 min
Delta R.T.: -0.016 min
Response: 21640996
Conc: 334.56 ng/ml



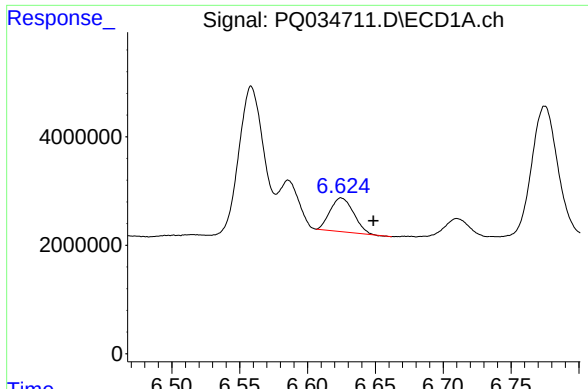
#24 AR-1248-4

R.T.: 6.625 min
Delta R.T.: 0.015 min
Response: 7486193
Conc: 61.60 ng/ml



#24 AR-1248-4

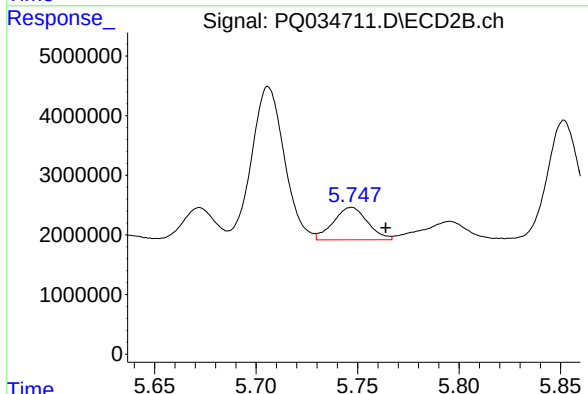
R.T.: 5.356 min
Delta R.T.: -0.016 min
Response: 15290487
Conc: 191.88 ng/ml



#25 AR-1248-5

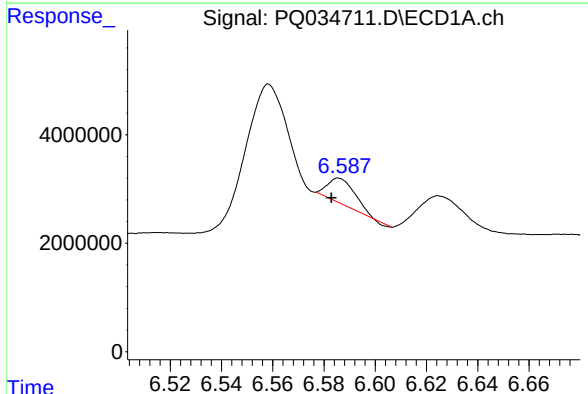
R.T.: 6.625 min
Delta R.T.: -0.024 min
Response: 7486193
Conc: 64.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



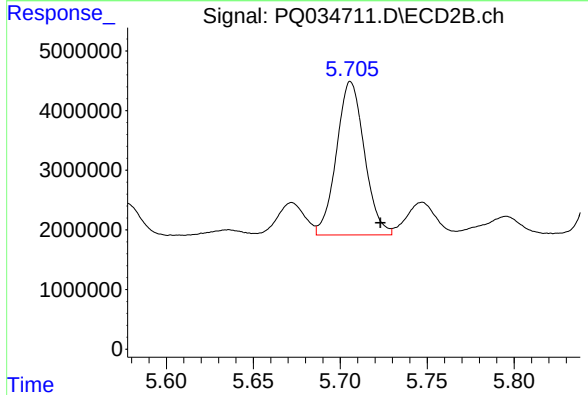
#25 AR-1248-5

R.T.: 5.747 min
Delta R.T.: -0.017 min
Response: 6370876
Conc: 79.20 ng/ml



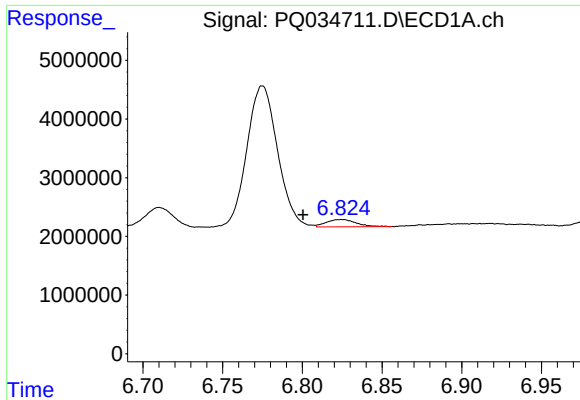
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 3417175
Conc: 30.24 ng/ml



#26 AR-1254-1

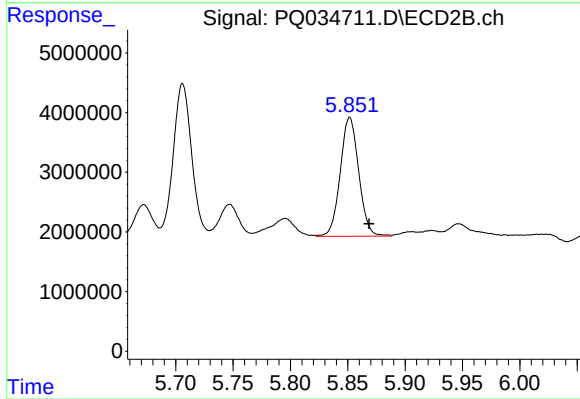
R.T.: 5.706 min
Delta R.T.: -0.017 min
Response: 28763662
Conc: 248.77 ng/ml



#27 AR-1254-2

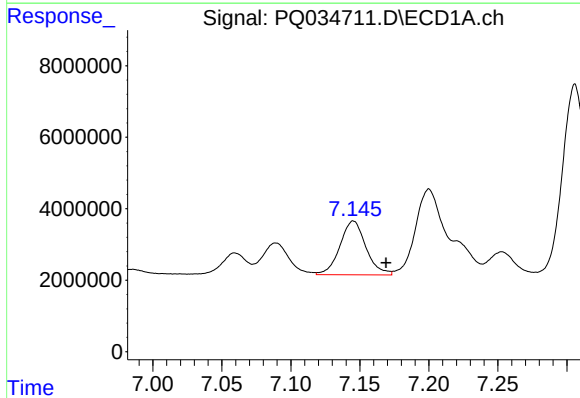
R.T.: 6.825 min
Delta R.T.: 0.025 min
Response: 1616878
Conc: 9.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



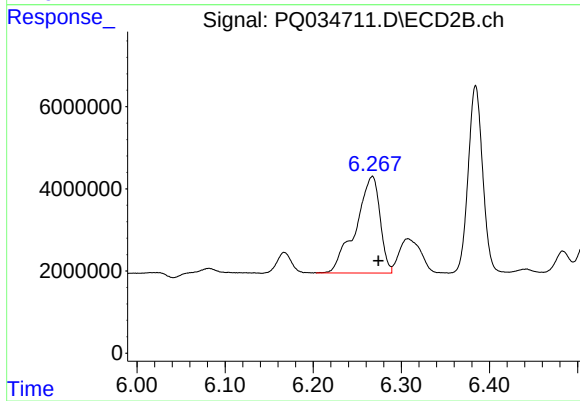
#27 AR-1254-2

R.T.: 5.852 min
Delta R.T.: -0.017 min
Response: 22346829
Conc: 223.33 ng/ml



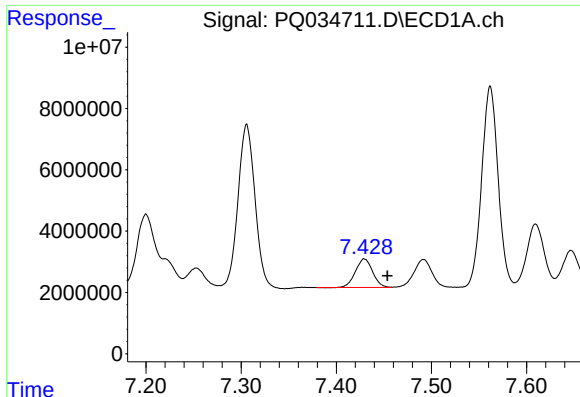
#28 AR-1254-3

R.T.: 7.145 min
Delta R.T.: -0.024 min
Response: 19763708
Conc: 101.66 ng/ml



#28 AR-1254-3

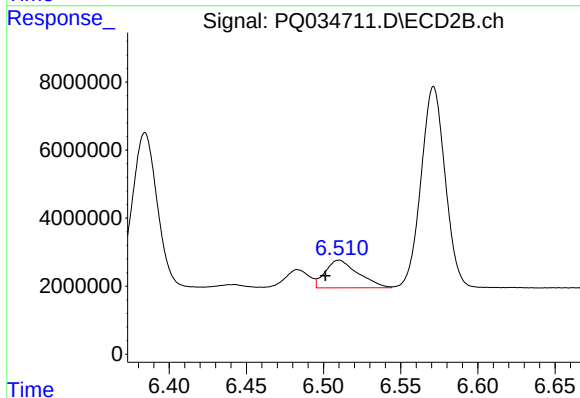
R.T.: 6.267 min
Delta R.T.: -0.007 min
Response: 44965892
Conc: 260.21 ng/ml



#29 AR-1254-4

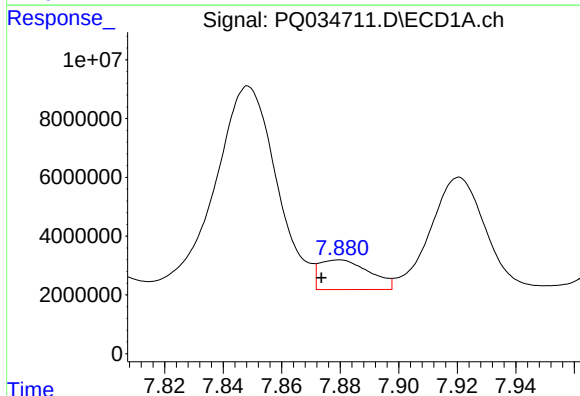
R.T.: 7.430 min
Delta R.T.: -0.024 min
Response: 11799976
Conc: 82.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



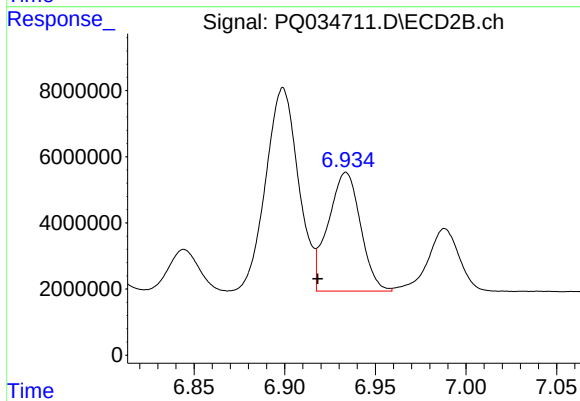
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: 0.009 min
Response: 12019636
Conc: 110.28 ng/ml



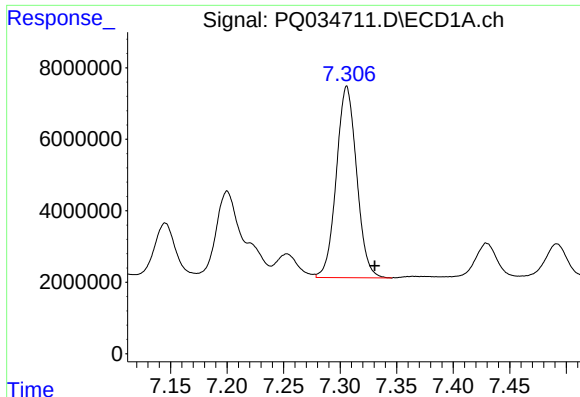
#30 AR-1254-5

R.T.: 7.880 min
Delta R.T.: 0.006 min
Response: 11959671
Conc: 75.96 ng/ml



#30 AR-1254-5

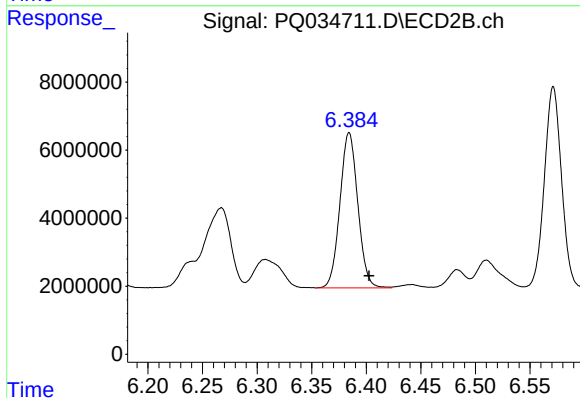
R.T.: 6.934 min
Delta R.T.: 0.016 min
Response: 44508457
Conc: 293.31 ng/ml



#31 AR-1260-1

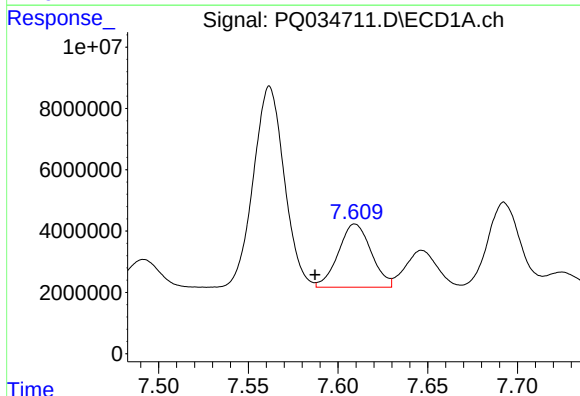
R.T.: 7.306 min
Delta R.T.: -0.025 min
Response: 66956729
Conc: 485.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



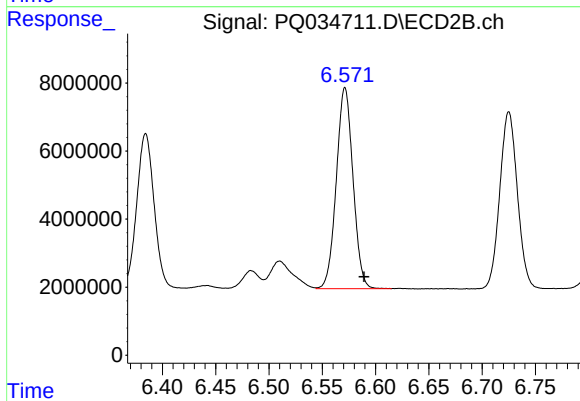
#31 AR-1260-1

R.T.: 6.384 min
Delta R.T.: -0.018 min
Response: 52069576
Conc: 452.43 ng/ml



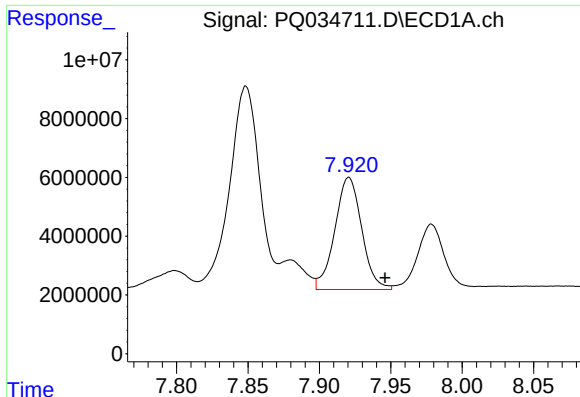
#32 AR-1260-2

R.T.: 7.609 min
Delta R.T.: 0.022 min
Response: 26287193
Conc: 152.73 ng/ml



#32 AR-1260-2

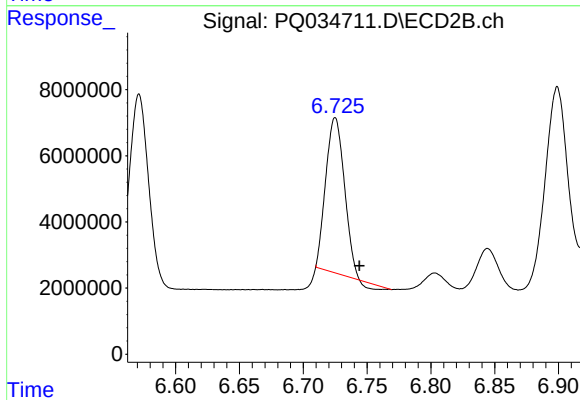
R.T.: 6.571 min
Delta R.T.: -0.018 min
Response: 64450512
Conc: 453.93 ng/ml



#33 AR-1260-3

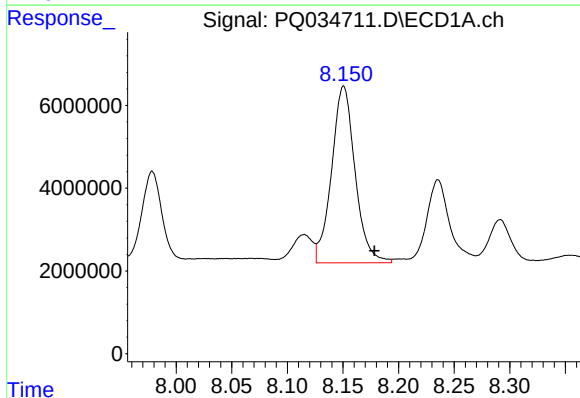
R.T.: 7.921 min
Delta R.T.: -0.026 min
Response: 50070111
Conc: 491.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



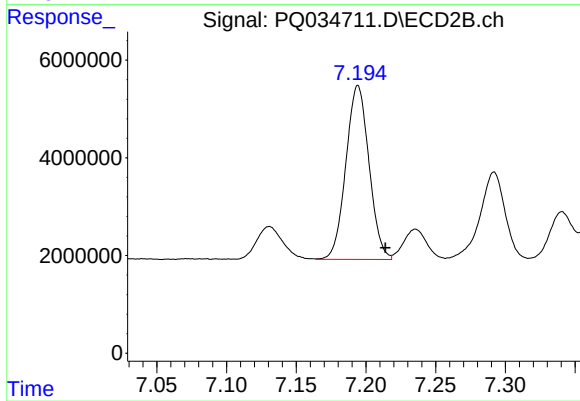
#33 AR-1260-3

R.T.: 6.725 min
Delta R.T.: -0.019 min
Response: 46589153
Conc: 353.62 ng/ml



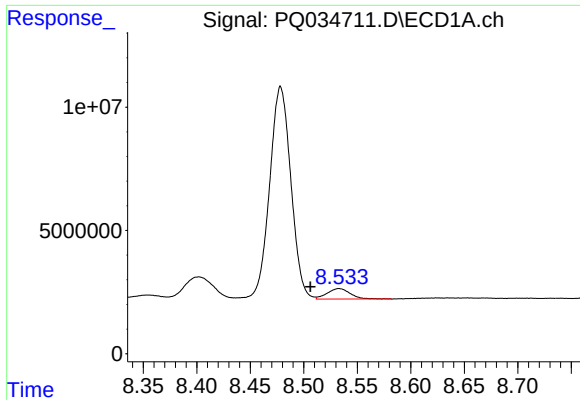
#34 AR-1260-4

R.T.: 8.151 min
Delta R.T.: -0.028 min
Response: 62831785
Conc: 483.64 ng/ml



#34 AR-1260-4

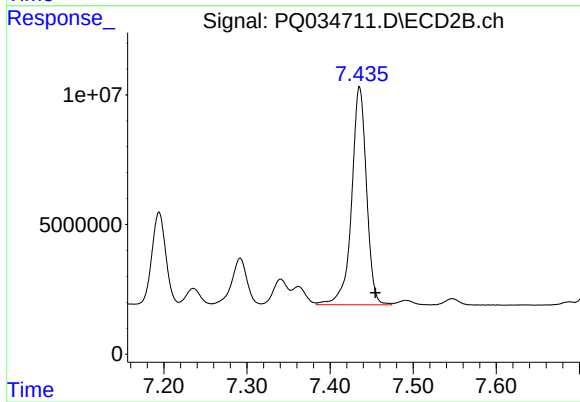
R.T.: 7.194 min
Delta R.T.: -0.020 min
Response: 41158578
Conc: 453.59 ng/ml



#35 AR-1260-5

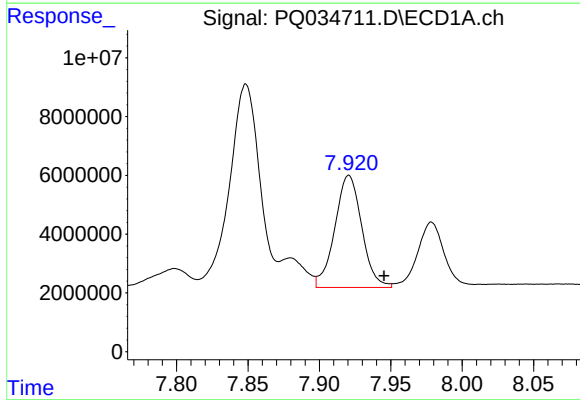
R.T.: 8.533 min
Delta R.T.: 0.027 min
Response: 6377029
Conc: 25.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



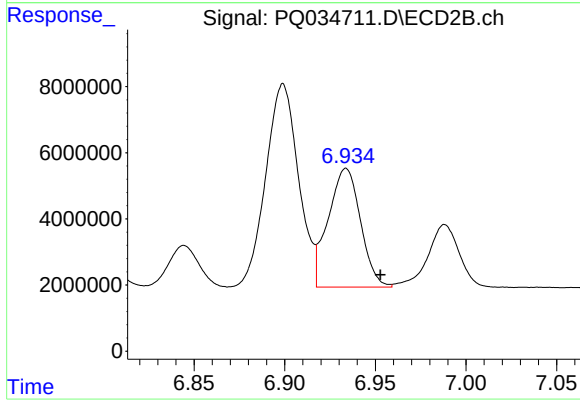
#35 AR-1260-5

R.T.: 7.436 min
Delta R.T.: -0.019 min
Response: 104589358
Conc: 450.04 ng/ml



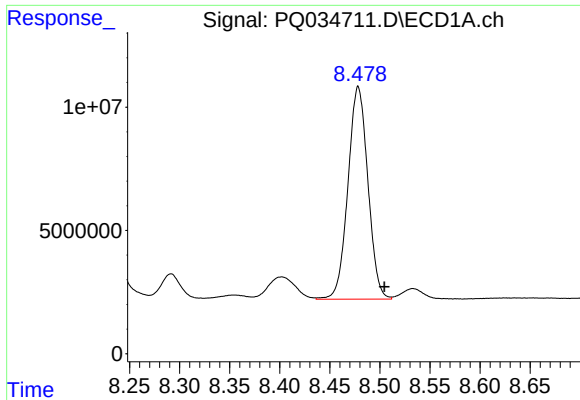
#36 AR-1262-1

R.T.: 7.921 min
Delta R.T.: -0.025 min
Response: 50070111
Conc: 271.81 ng/ml



#36 AR-1262-1

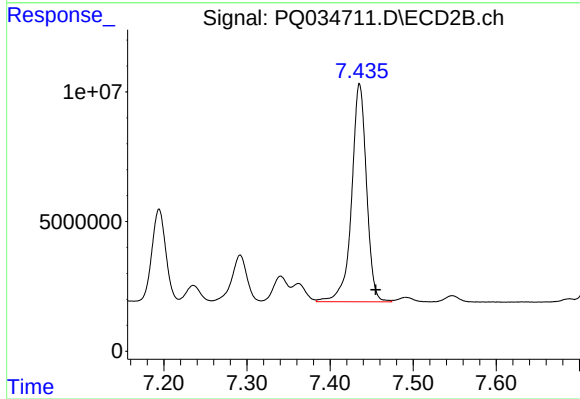
R.T.: 6.934 min
Delta R.T.: -0.019 min
Response: 44508457
Conc: 296.42 ng/ml



#37 AR-1262-2

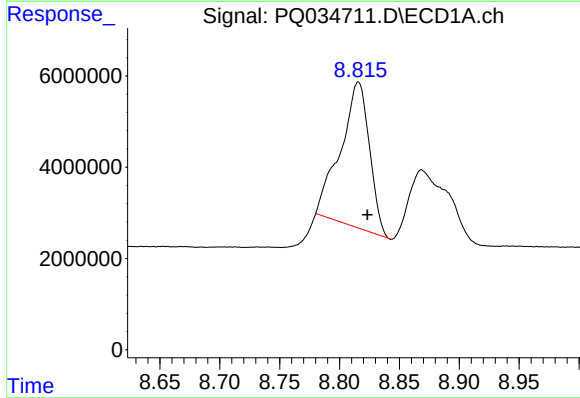
R.T.: 8.478 min
Delta R.T.: -0.026 min
Response: 119466826
Conc: 351.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



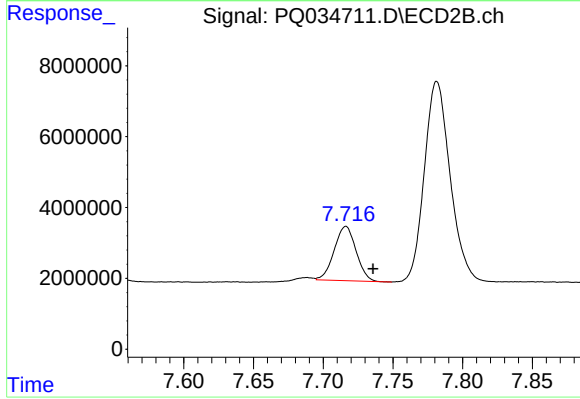
#37 AR-1262-2

R.T.: 7.436 min
Delta R.T.: -0.019 min
Response: 104589358
Conc: 362.96 ng/ml



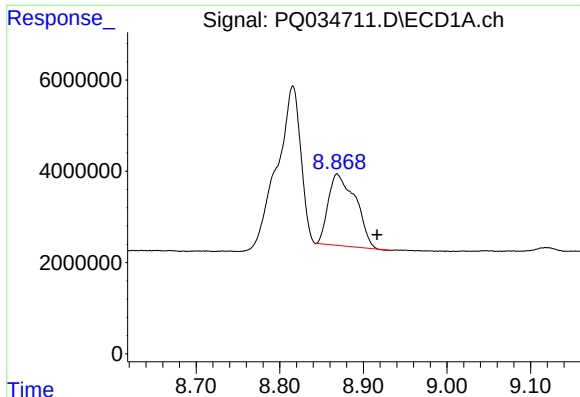
#38 AR-1262-3

R.T.: 8.816 min
Delta R.T.: -0.008 min
Response: 53472281
Conc: 240.73 ng/ml



#38 AR-1262-3

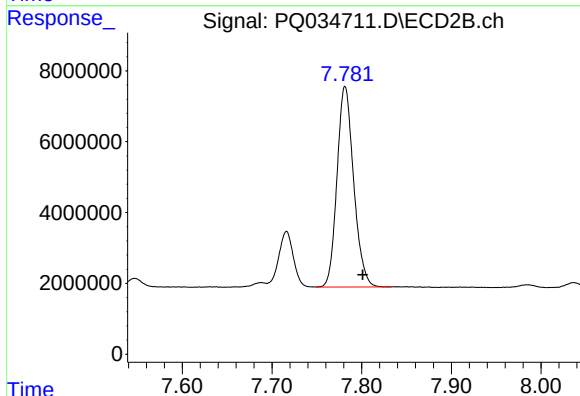
R.T.: 7.716 min
Delta R.T.: -0.019 min
Response: 16776609
Conc: 157.05 ng/ml



#39 AR-1262-4

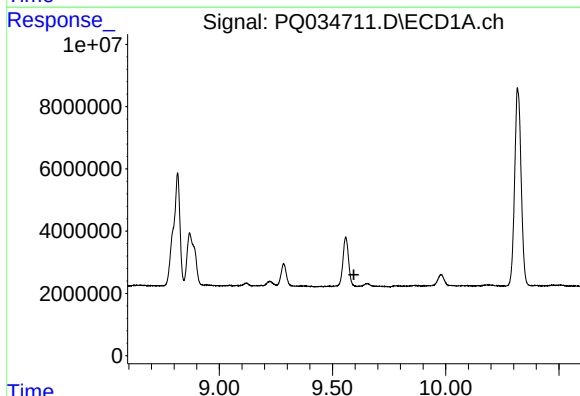
R.T.: 8.869 min
Delta R.T.: -0.048 min
Response: 35592636
Conc: 422.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



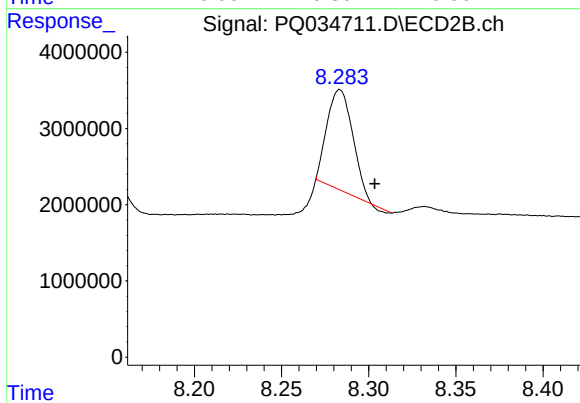
#39 AR-1262-4

R.T.: 7.782 min
Delta R.T.: -0.020 min
Response: 73000908
Conc: 356.50 ng/ml



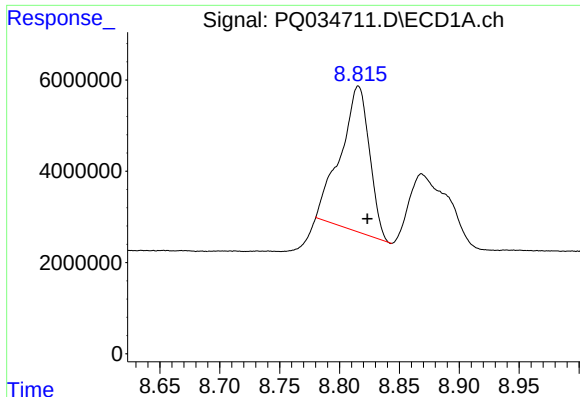
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.595 min
Response: 0
Conc: N.D.



#40 AR-1262-5

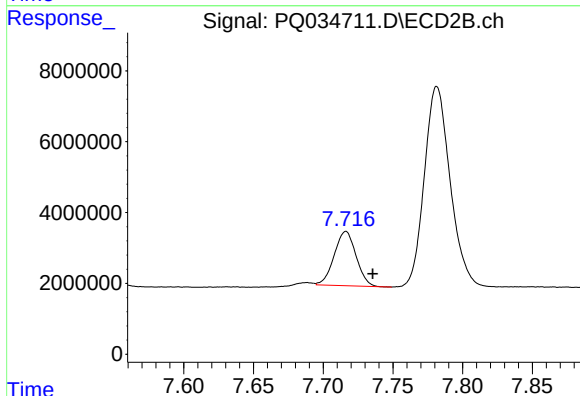
R.T.: 8.283 min
Delta R.T.: -0.020 min
Response: 13337189
Conc: 146.32 ng/ml



#41 AR-1268-1

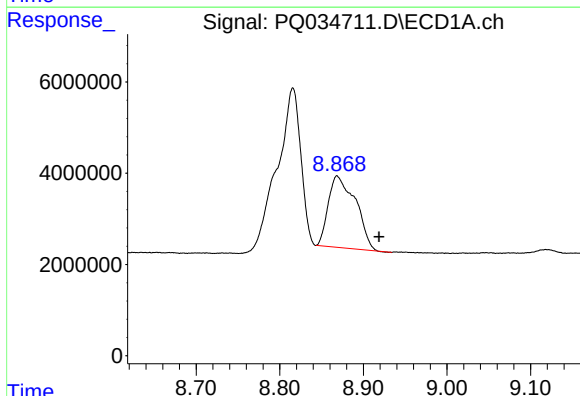
R.T.: 8.816 min
Delta R.T.: -0.008 min
Response: 53472281
Conc: 121.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



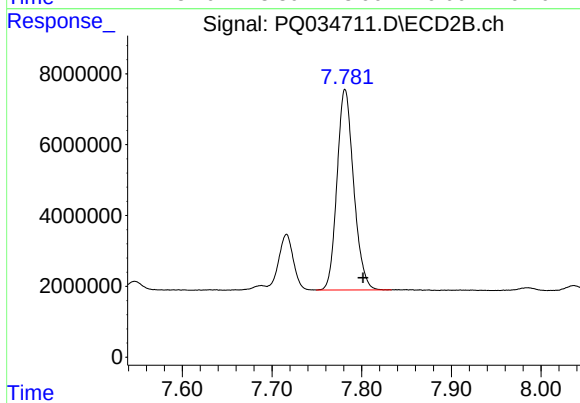
#41 AR-1268-1

R.T.: 7.716 min
Delta R.T.: -0.019 min
Response: 16776609
Conc: 47.13 ng/ml



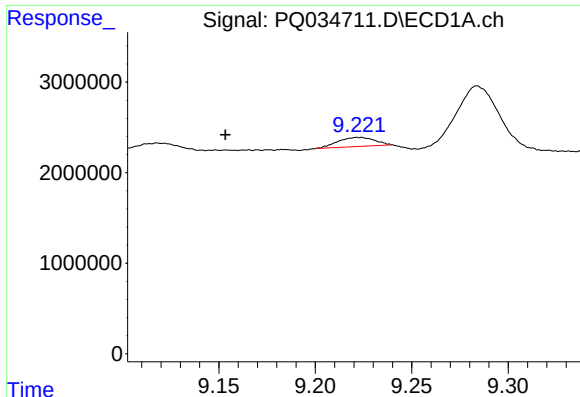
#42 AR-1268-2

R.T.: 8.869 min
Delta R.T.: -0.050 min
Response: 35592636
Conc: 89.64 ng/ml



#42 AR-1268-2

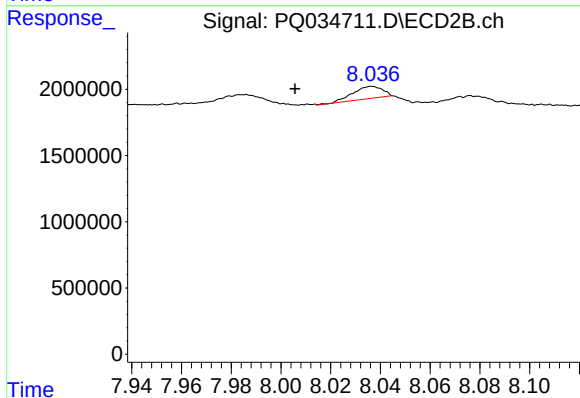
R.T.: 7.782 min
Delta R.T.: -0.020 min
Response: 73000908
Conc: 228.49 ng/ml



#43 AR-1268-3

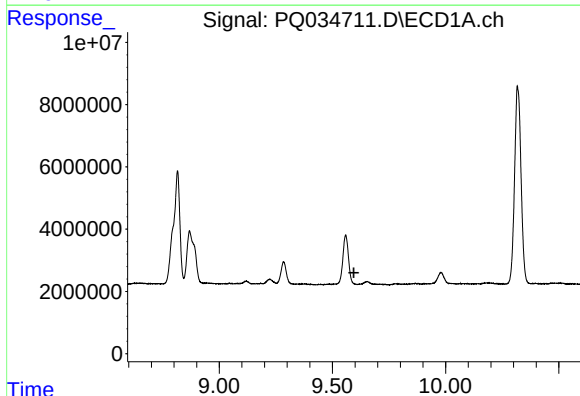
R.T.: 9.222 min
Delta R.T.: 0.069 min
Response: 1387801
Conc: 4.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



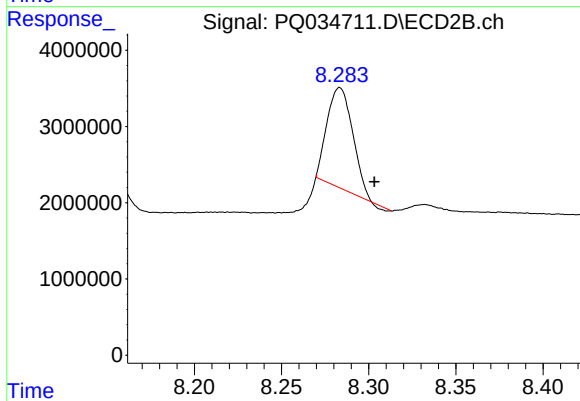
#43 AR-1268-3

R.T.: 8.037 min
Delta R.T.: 0.031 min
Response: 784099
Conc: 2.98 ng/ml



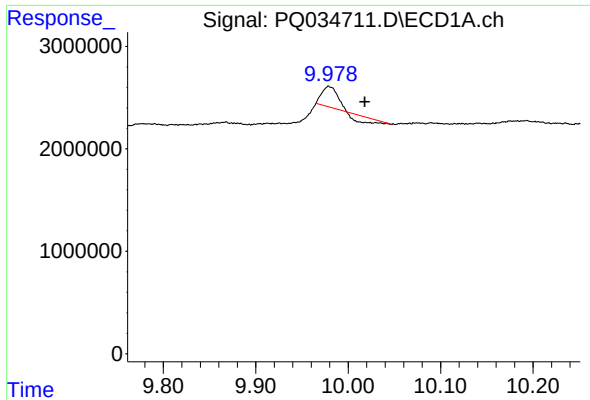
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.595 min
Response: 0
Conc: N.D.



#44 AR-1268-4

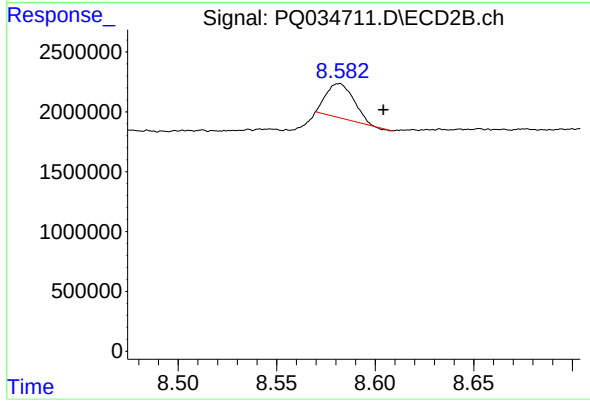
R.T.: 8.283 min
Delta R.T.: -0.020 min
Response: 13337189
Conc: 119.97 ng/ml



#45 AR-1268-5

R.T.: 9.979 min
Delta R.T.: -0.039 min
Response: 1388563
Conc: 1.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.582 min
Delta R.T.: -0.023 min
Response: 2784342
Conc: 3.22 ng/ml