

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072720\
 Data File : PQ048939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2020 16:14
 Operator : DD\AJ
 Sample : L3444-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:49:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072420CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 24 16:48:23 2020
 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...	5.270	4.292	77965803	40695337	17.700	18.682
2)	SA Decachlor...	11.520	9.655	341.7E6	175.9E6	35.561	34.555
Target Compounds							
3)	L1 AR-1016-1	6.601	5.553	76587173	40997619	360.927	365.350
4)	L1 AR-1016-2	6.625	5.574	102.5E6	56077794	350.508	369.260
5)	L1 AR-1016-3	6.691	5.767	64830399	30366789	356.846	367.184
6)	L1 AR-1016-4	6.801	5.817	55379228	24918070	353.349	358.196
7)	L1 AR-1016-5	7.115	6.048	61194361	32414356	389.701	373.229
8)	L2 AR-1221-1	5.516	4.547	4969378	2815770	105.364	106.412
9)	L2 AR-1221-2	5.624	4.649	8127704	4061301	171.899	205.322
10)	L2 AR-1221-3	5.712	4.739	31265462	16403167	220.607	246.634
11)	L3 AR-1232-1	5.712	4.739	31265462	16403167	302.357	288.124
12)	L3 AR-1232-2	6.305	5.574	46150339	56077794	839.358	850.076
13)	L3 AR-1232-3	6.625	5.767	102.5E6	30366789	761.695	861.721
14)	L3 AR-1232-4	6.801	5.862	55379228	30241750	835.964	904.334
15)	L3 AR-1232-5	6.894	6.048	49789560	32414356	844.769	926.958
16)	L4 AR-1242-1	6.601	5.553	76587173	40997619	483.285	492.900
17)	L4 AR-1242-2	6.625	5.574	102.5E6	56077794	476.383	499.689
18)	L4 AR-1242-3	6.691	5.767	64830399	30366789	478.111	492.915
19)	L4 AR-1242-4	6.801	5.862	55379228	30241750	477.380	479.828
20)	L4 AR-1242-5	7.586	6.427	14533051	25655801	94.278	268.091 #
21)	L5 AR-1248-1	6.601	5.553	76587173	40997619	604.871	605.396
22)	L5 AR-1248-2	6.894	5.817	49789560	24918070	285.030	268.583
23)	L5 AR-1248-3	7.115	5.862	61194361	30241750	298.133	320.281
24)	L5 AR-1248-4	7.545	6.048	14442831	32414356	55.763	283.181 #
25)	L5 AR-1248-5	7.586	6.470	14533051	4464843	58.997	34.141 #
26)	L6 AR-1254-1	7.514	6.427	44166331	25655801	176.293	131.949 #
27)	L6 AR-1254-2	7.741	6.585	51835135	24286704	129.635	137.217
28)	L6 AR-1254-3	8.129	7.026	31769283	49372394	73.317	161.259 #
29)	L6 AR-1254-4	8.425	7.246	24183092	7953602	66.139	38.145 #
30)	L6 AR-1254-5	8.856	7.676	169.1E6	101.0E6	433.393	338.471
31)	L7 AR-1260-1	8.295	7.145	113.2E6	69024188	343.759	322.586
32)	L7 AR-1260-2	8.560	7.341	147.2E6	87874561	341.616	320.844
33)	L7 AR-1260-3	8.928	7.497	122.3E6	80869110	340.055	321.942
34)	L7 AR-1260-4	9.176	7.982	129.8E6	73990098	325.558	320.968
35)	L7 AR-1260-5	9.528	8.227	298.9E6	190.9E6	326.579	319.036
36)	L8 AR-1262-1	8.928	7.676	122.3E6	101.0E6	205.810	562.865 #
37)	L8 AR-1262-2	9.528	8.227	298.9E6	190.9E6	262.423	278.463
38)	L8 AR-1262-3	9.863	8.516	79983609	43655620	143.647	153.296
39)	L8 AR-1262-4	9.948	8.579	134.8E6	143.6E6	205.569	274.899 #
40)	L8 AR-1262-5	10.697	9.086	111.9E6	58751717	217.431	217.495
41)	L9 AR-1268-1	9.863	8.516	79983609	43655620	59.168	55.674

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 Acq On : 27 Jul 2020 16:14
 Operator : DD\AJ
 Sample : L3444-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

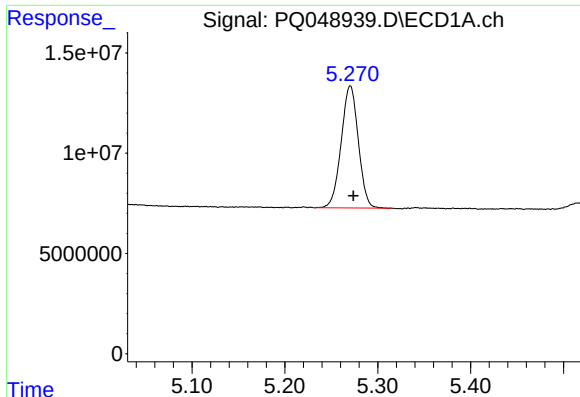
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:49:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072420CLP.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	9.948	8.579	134.8E6	143.6E6	103.978	196.371 #
43) L9	AR-1268-3	10.213	8.792	7209177	3290918	6.349	5.326
44) L9	AR-1268-4	10.697	9.086	111.9E6	58751717	212.756	207.404
45) L9	AR-1268-5	11.149	9.390	33548410	16888129	8.570	7.970

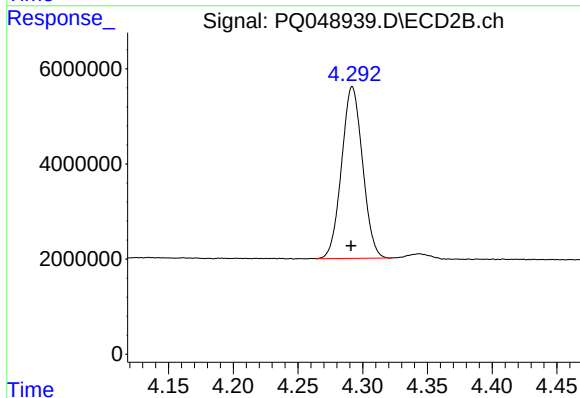
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

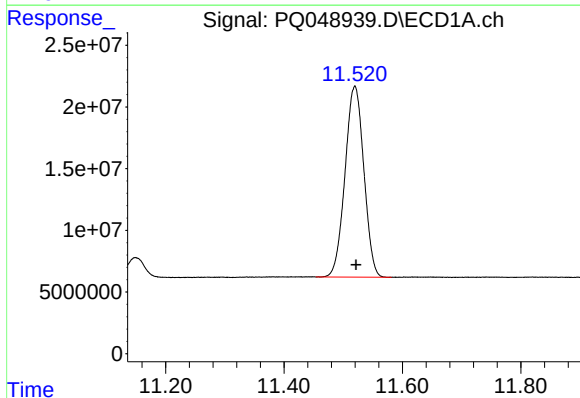
R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 77965803
Conc: 17.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



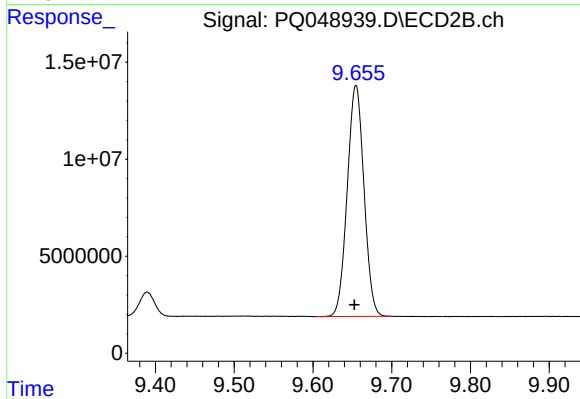
#1 Tetrachloro-m-xylene

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 40695337
Conc: 18.68 ng/ml



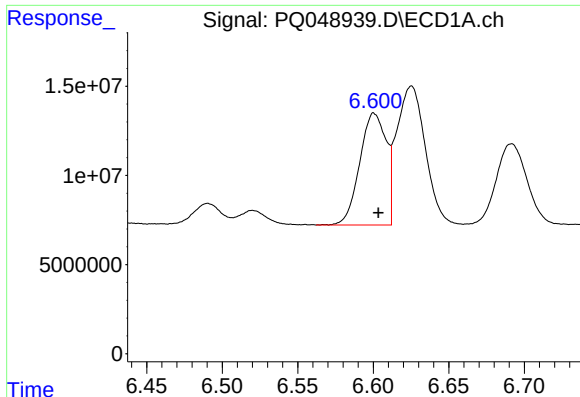
#2 Decachlorobiphenyl

R.T.: 11.520 min
Delta R.T.: -0.002 min
Response: 341678217
Conc: 35.56 ng/ml



#2 Decachlorobiphenyl

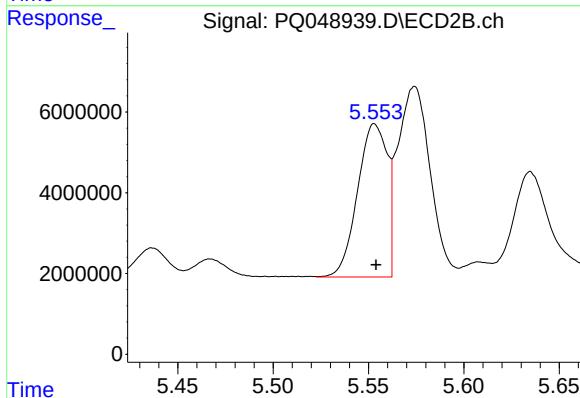
R.T.: 9.655 min
Delta R.T.: 0.002 min
Response: 175871827
Conc: 34.55 ng/ml



#3 AR-1016-1

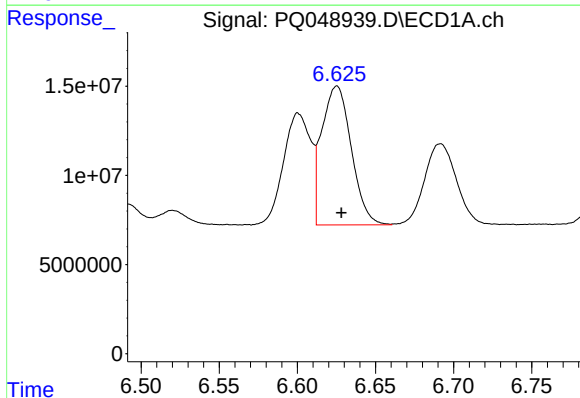
R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 76587173
Conc: 360.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



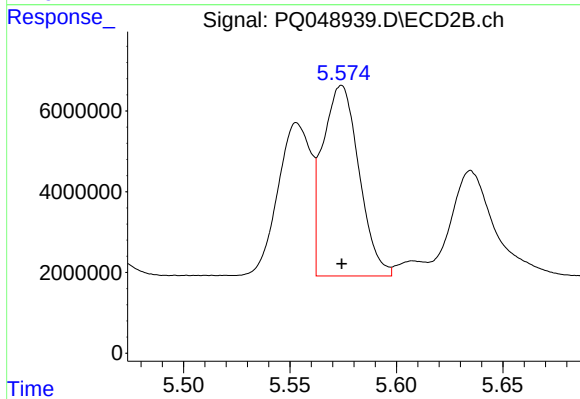
#3 AR-1016-1

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 40997619
Conc: 365.35 ng/ml



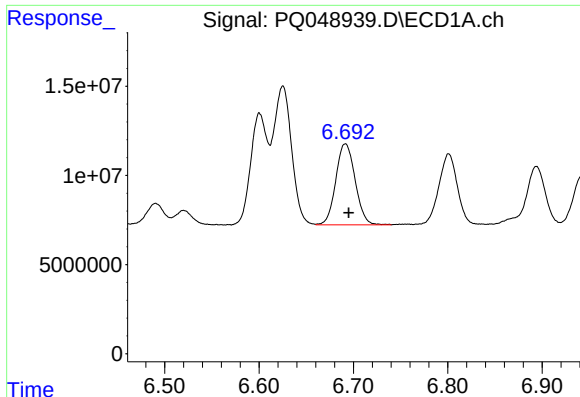
#4 AR-1016-2

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 102454765
Conc: 350.51 ng/ml



#4 AR-1016-2

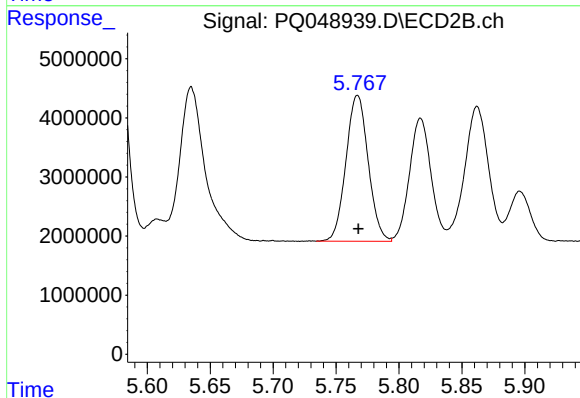
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 56077794
Conc: 369.26 ng/ml



#5 AR-1016-3

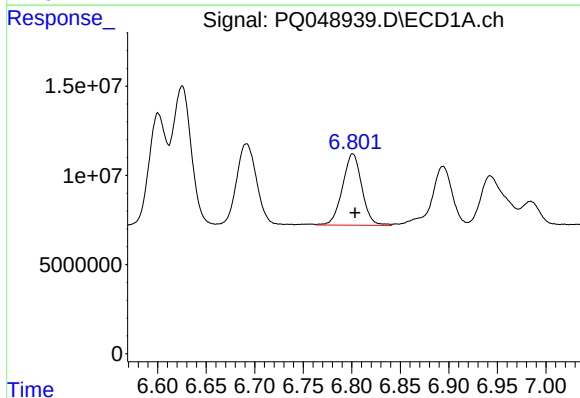
R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 64830399
Conc: 356.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



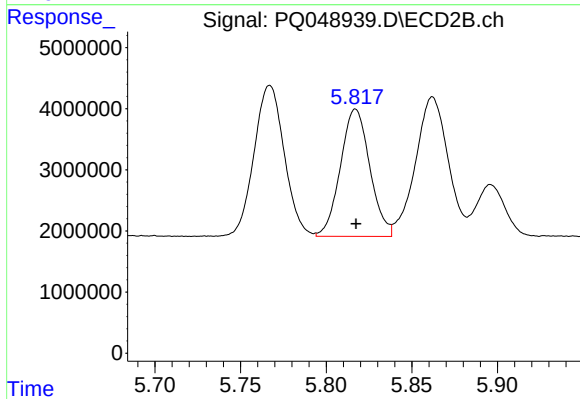
#5 AR-1016-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 30366789
Conc: 367.18 ng/ml



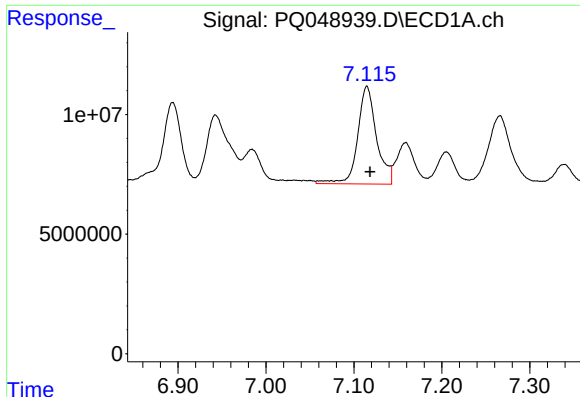
#6 AR-1016-4

R.T.: 6.801 min
Delta R.T.: -0.002 min
Response: 55379228
Conc: 353.35 ng/ml



#6 AR-1016-4

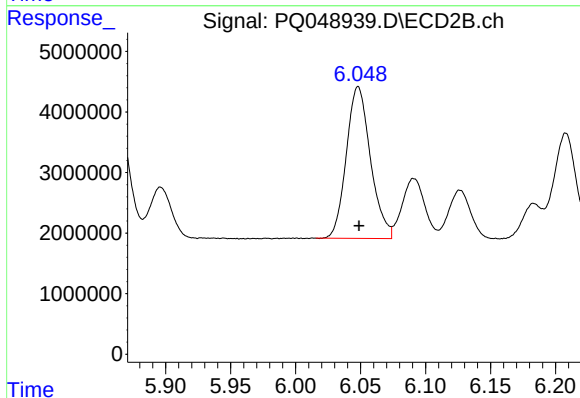
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 24918070
Conc: 358.20 ng/ml



#7 AR-1016-5

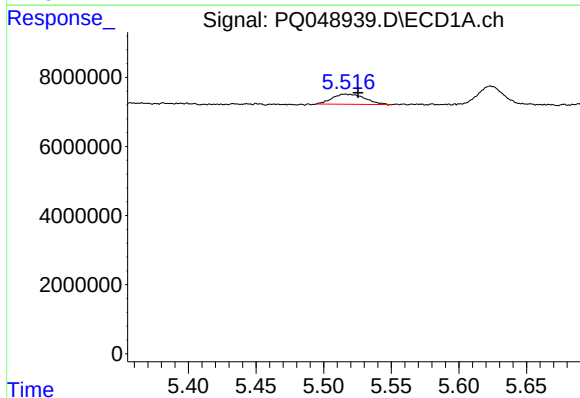
R.T.: 7.115 min
Delta R.T.: -0.004 min
Response: 61194361
Conc: 389.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



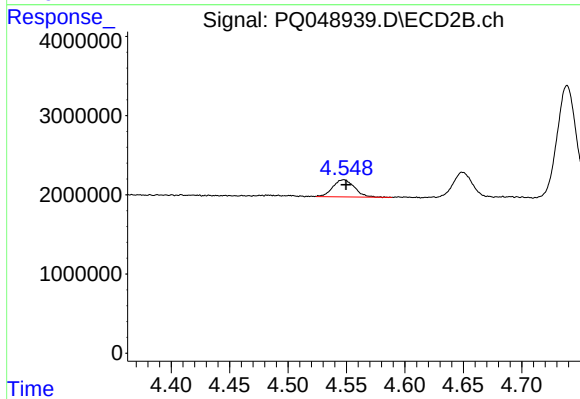
#7 AR-1016-5

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 32414356
Conc: 373.23 ng/ml



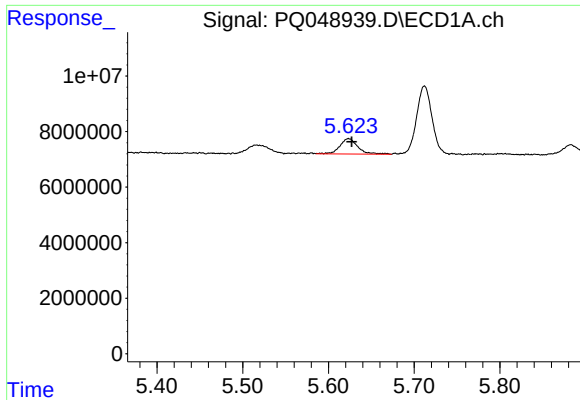
#8 AR-1221-1

R.T.: 5.516 min
Delta R.T.: -0.010 min
Response: 4969378
Conc: 105.36 ng/ml



#8 AR-1221-1

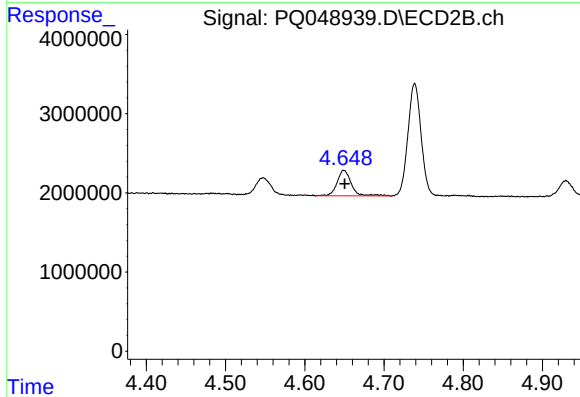
R.T.: 4.547 min
Delta R.T.: -0.002 min
Response: 2815770
Conc: 106.41 ng/ml



#9 AR-1221-2

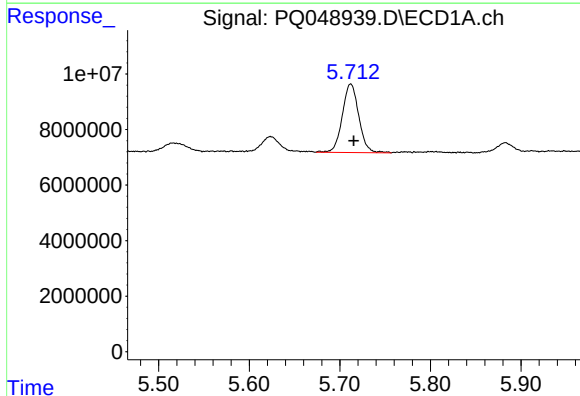
R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 8127704
Conc: 171.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



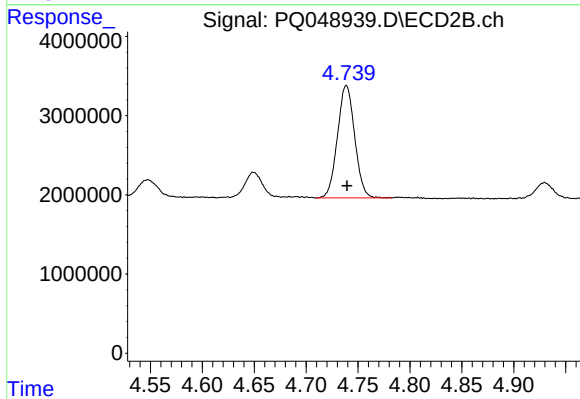
#9 AR-1221-2

R.T.: 4.649 min
Delta R.T.: -0.001 min
Response: 4061301
Conc: 205.32 ng/ml



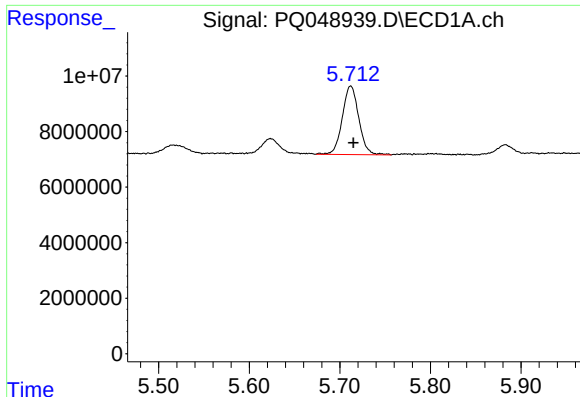
#10 AR-1221-3

R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 31265462
Conc: 220.61 ng/ml



#10 AR-1221-3

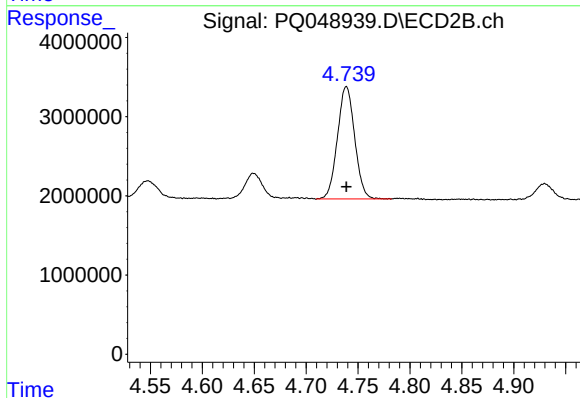
R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 16403167
Conc: 246.63 ng/ml



#11 AR-1232-1

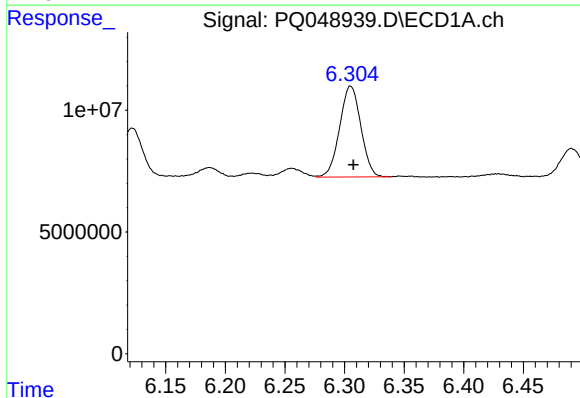
R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 31265462
Conc: 302.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



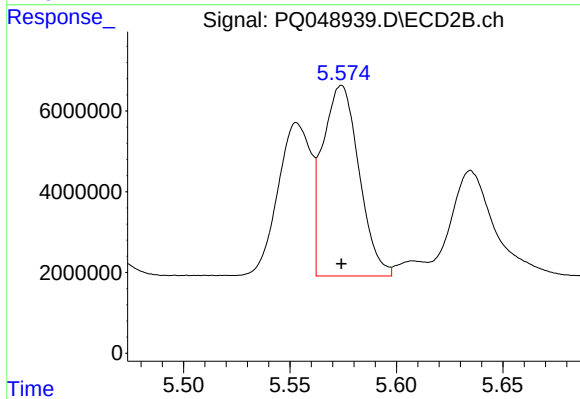
#11 AR-1232-1

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 16403167
Conc: 288.12 ng/ml



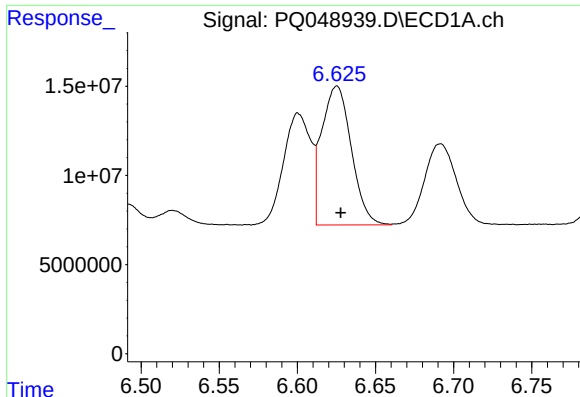
#12 AR-1232-2

R.T.: 6.305 min
Delta R.T.: -0.002 min
Response: 46150339
Conc: 839.36 ng/ml



#12 AR-1232-2

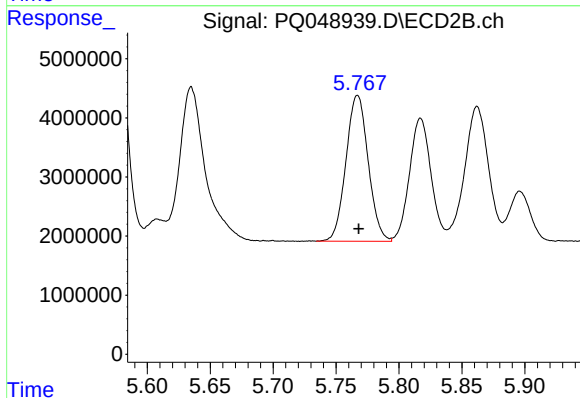
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 56077794
Conc: 850.08 ng/ml



#13 AR-1232-3

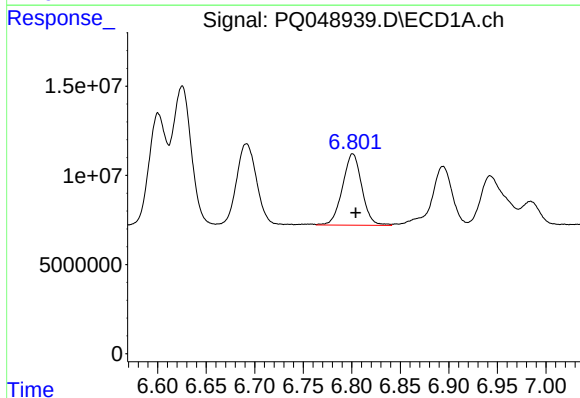
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 102454765
Conc: 761.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



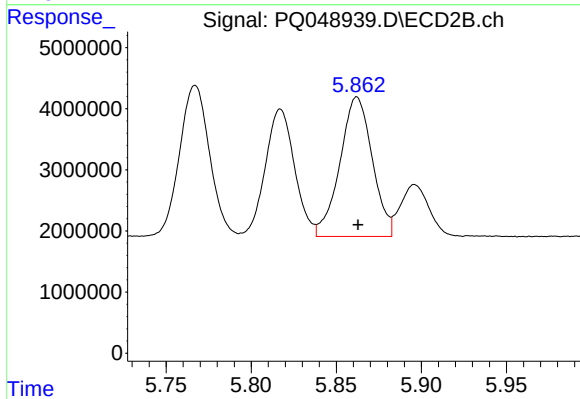
#13 AR-1232-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 30366789
Conc: 861.72 ng/ml



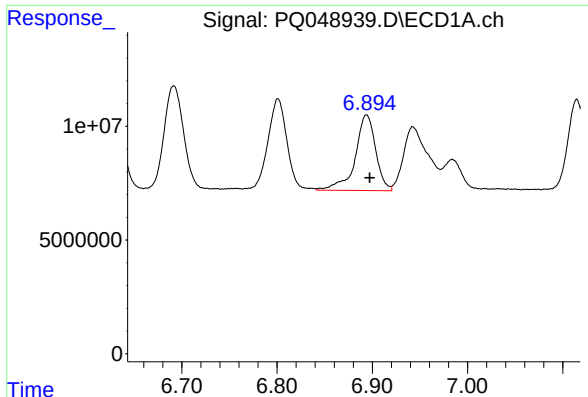
#14 AR-1232-4

R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 55379228
Conc: 835.96 ng/ml



#14 AR-1232-4

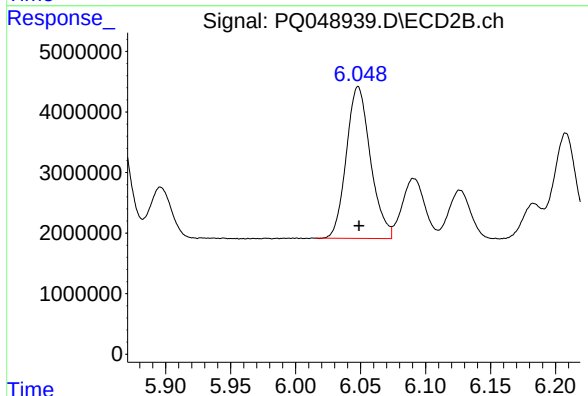
R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 30241750
Conc: 904.33 ng/ml



#15 AR-1232-5

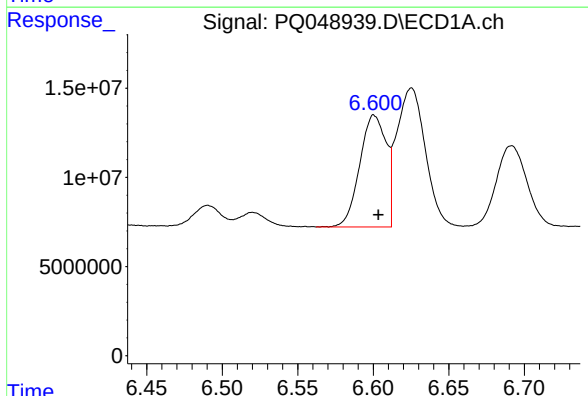
R.T.: 6.894 min
Delta R.T.: -0.003 min
Response: 49789560
Conc: 844.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



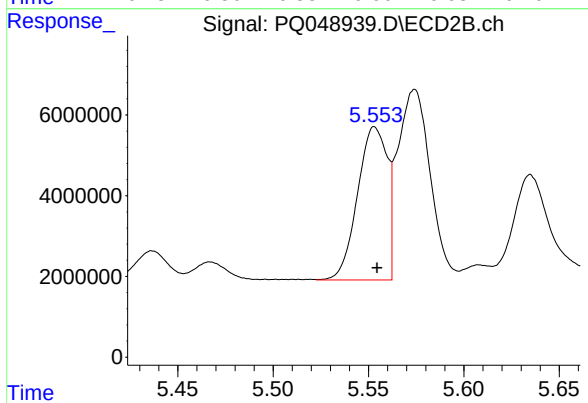
#15 AR-1232-5

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 32414356
Conc: 926.96 ng/ml



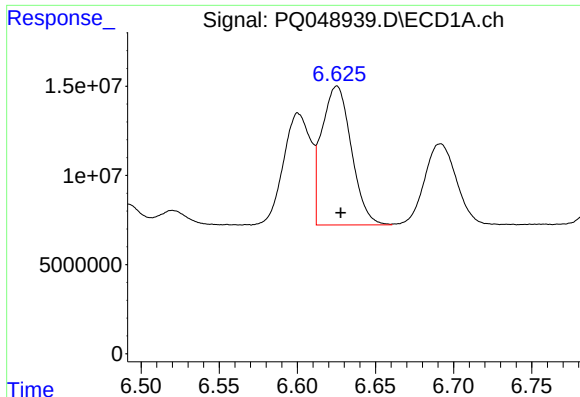
#16 AR-1242-1

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 76587173
Conc: 483.29 ng/ml



#16 AR-1242-1

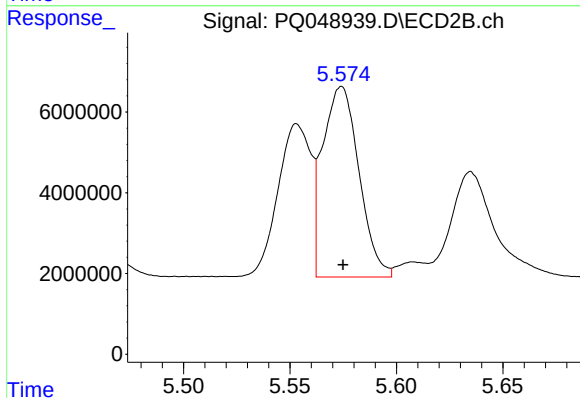
R.T.: 5.553 min
Delta R.T.: -0.001 min
Response: 40997619
Conc: 492.90 ng/ml



#17 AR-1242-2

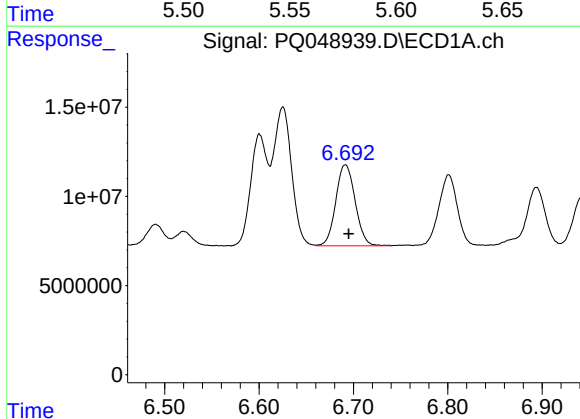
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 102454765
Conc: 476.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



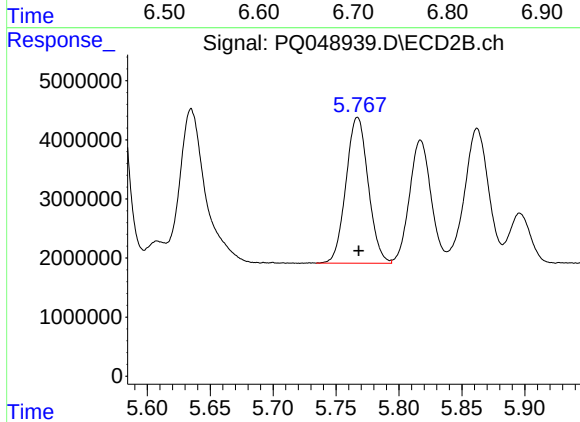
#17 AR-1242-2

R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 56077794
Conc: 499.69 ng/ml



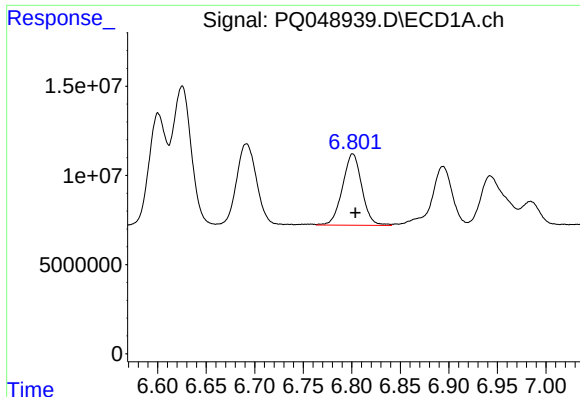
#18 AR-1242-3

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 64830399
Conc: 478.11 ng/ml



#18 AR-1242-3

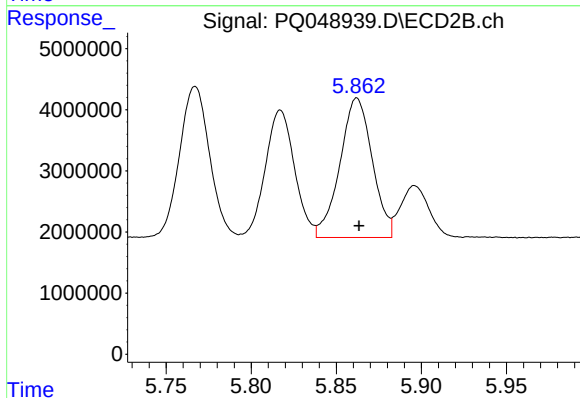
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 30366789
Conc: 492.91 ng/ml



#19 AR-1242-4

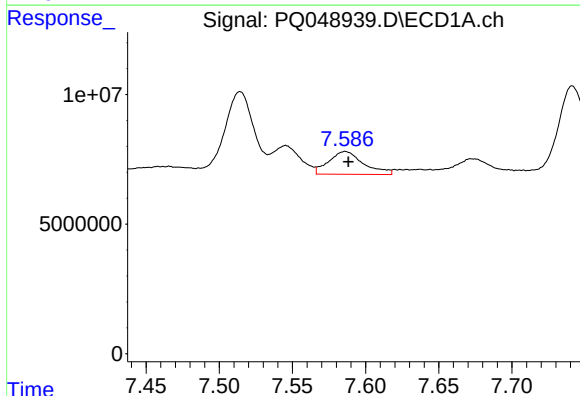
R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 55379228
Conc: 477.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



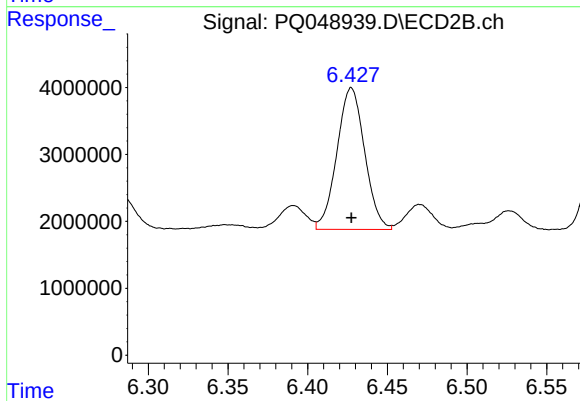
#19 AR-1242-4

R.T.: 5.862 min
Delta R.T.: -0.001 min
Response: 30241750
Conc: 479.83 ng/ml



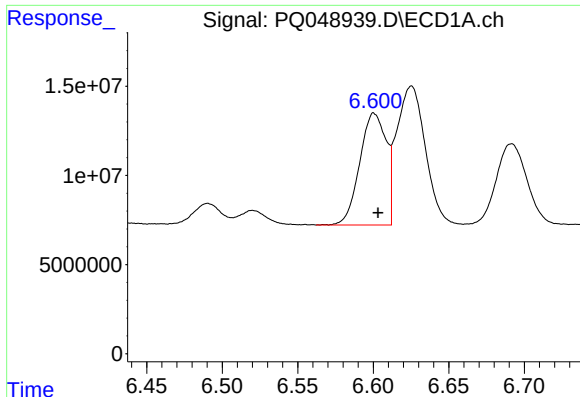
#20 AR-1242-5

R.T.: 7.586 min
Delta R.T.: -0.002 min
Response: 14533051
Conc: 94.28 ng/ml



#20 AR-1242-5

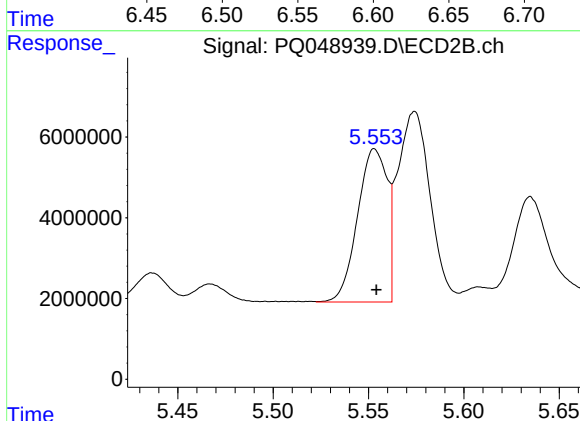
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 25655801
Conc: 268.09 ng/ml



#21 AR-1248-1

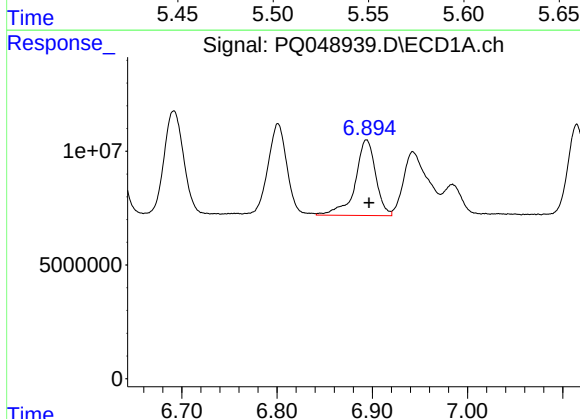
R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 76587173
Conc: 604.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



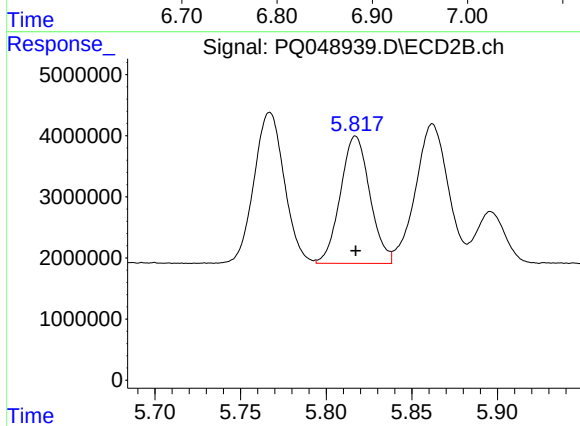
#21 AR-1248-1

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 40997619
Conc: 605.40 ng/ml



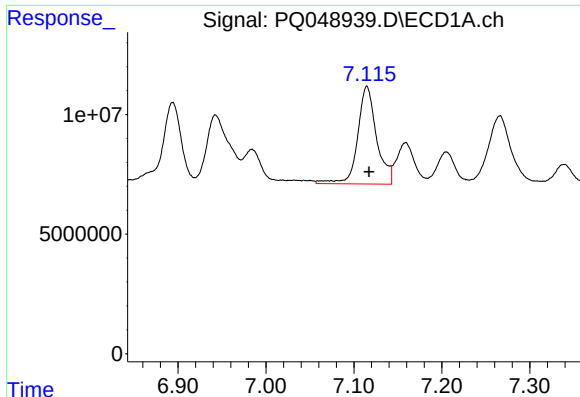
#22 AR-1248-2

R.T.: 6.894 min
Delta R.T.: -0.003 min
Response: 49789560
Conc: 285.03 ng/ml



#22 AR-1248-2

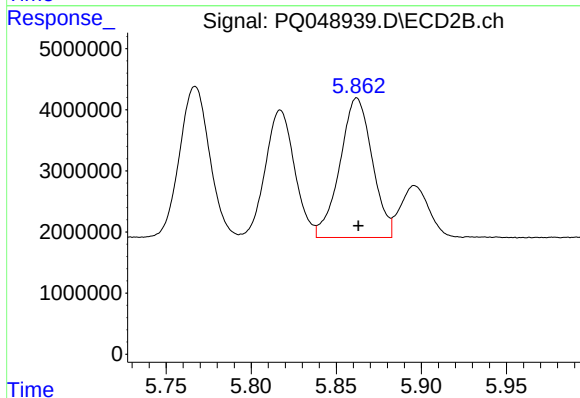
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 24918070
Conc: 268.58 ng/ml



#23 AR-1248-3

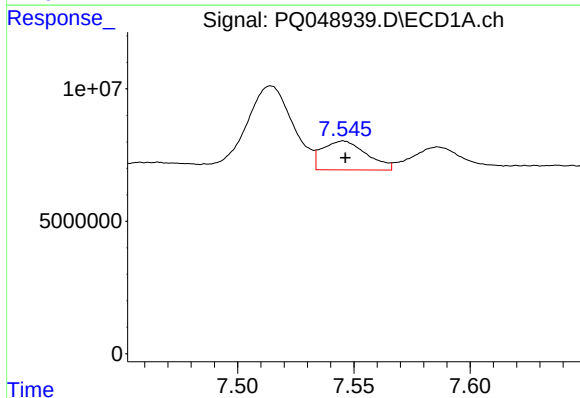
R.T.: 7.115 min
Delta R.T.: -0.002 min
Response: 61194361
Conc: 298.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



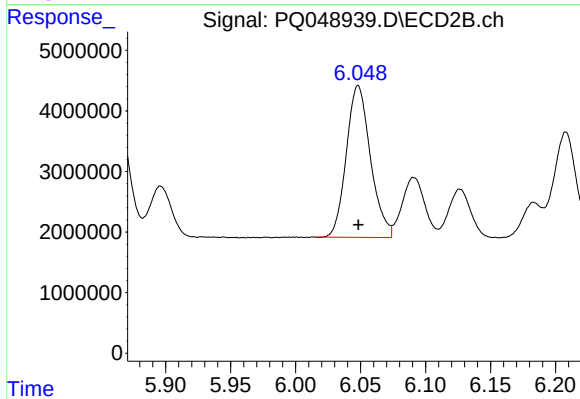
#23 AR-1248-3

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 30241750
Conc: 320.28 ng/ml



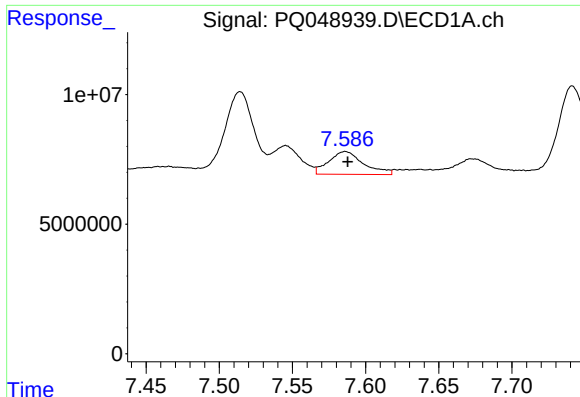
#24 AR-1248-4

R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 14442831
Conc: 55.76 ng/ml



#24 AR-1248-4

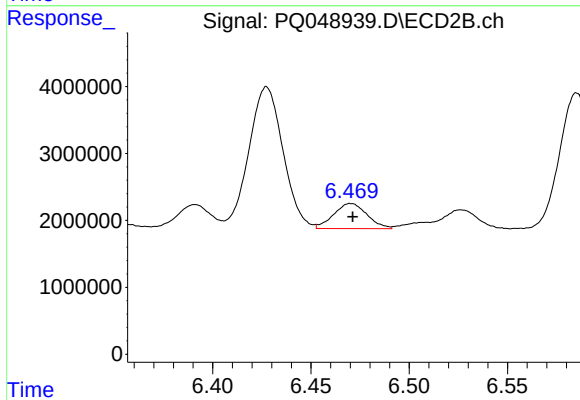
R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 32414356
Conc: 283.18 ng/ml



#25 AR-1248-5

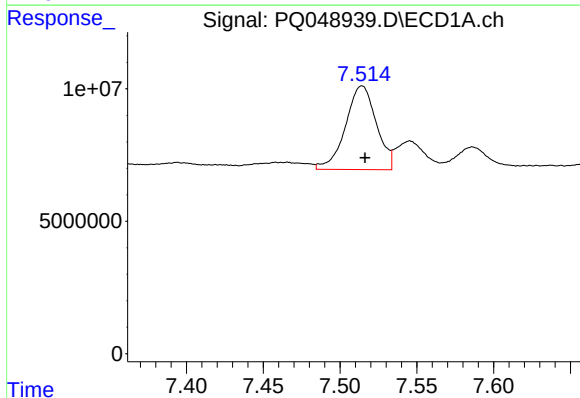
R.T.: 7.586 min
Delta R.T.: -0.002 min
Response: 14533051
Conc: 59.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



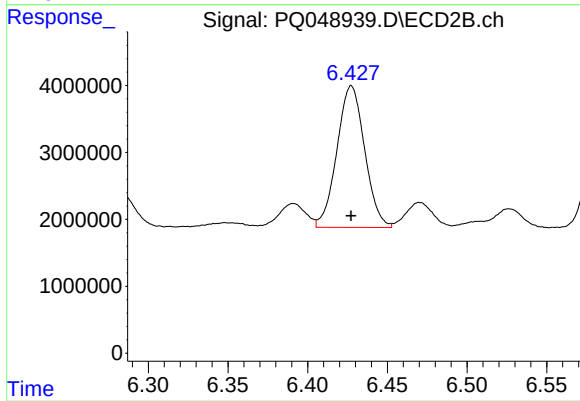
#25 AR-1248-5

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 4464843
Conc: 34.14 ng/ml



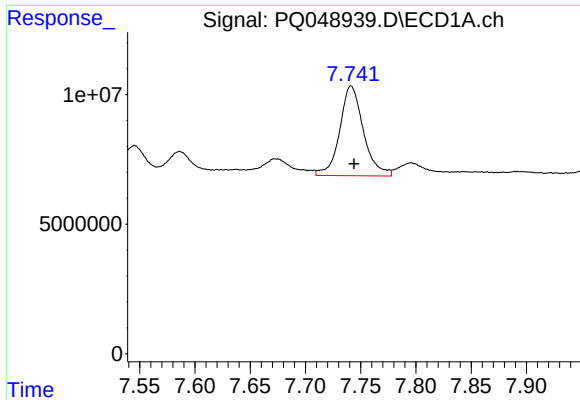
#26 AR-1254-1

R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 44166331
Conc: 176.29 ng/ml



#26 AR-1254-1

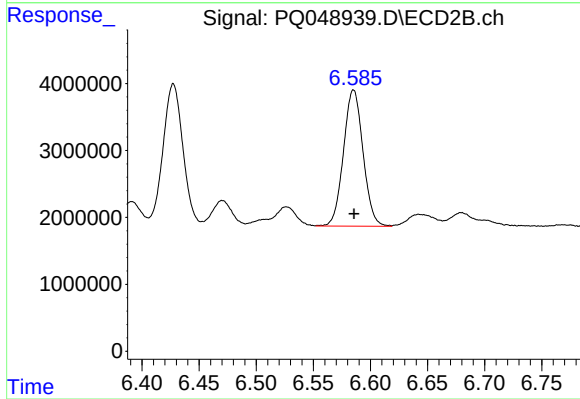
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 25655801
Conc: 131.95 ng/ml



#27 AR-1254-2

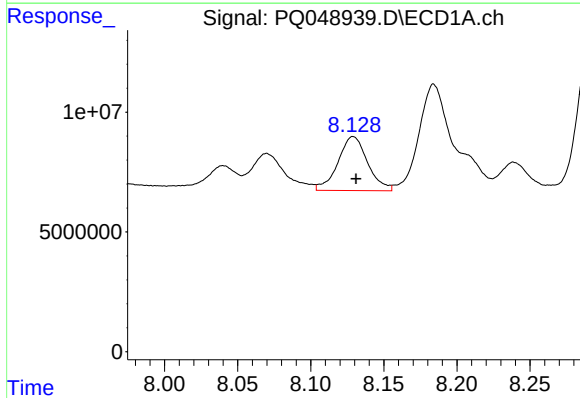
R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 51835135
Conc: 129.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



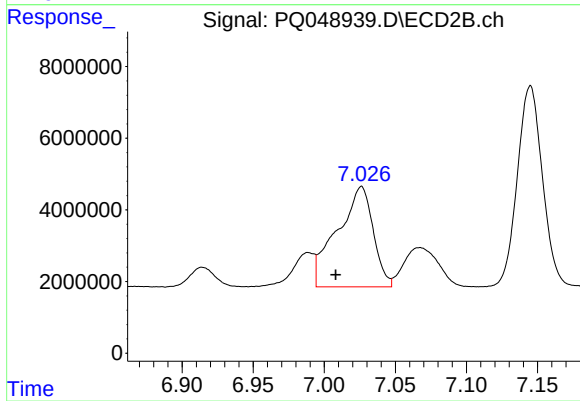
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 24286704
Conc: 137.22 ng/ml



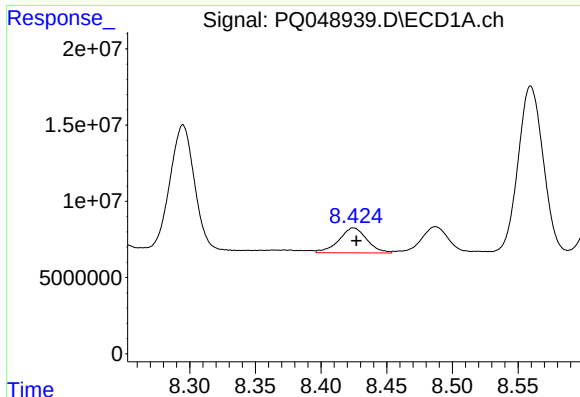
#28 AR-1254-3

R.T.: 8.129 min
Delta R.T.: -0.002 min
Response: 31769283
Conc: 73.32 ng/ml



#28 AR-1254-3

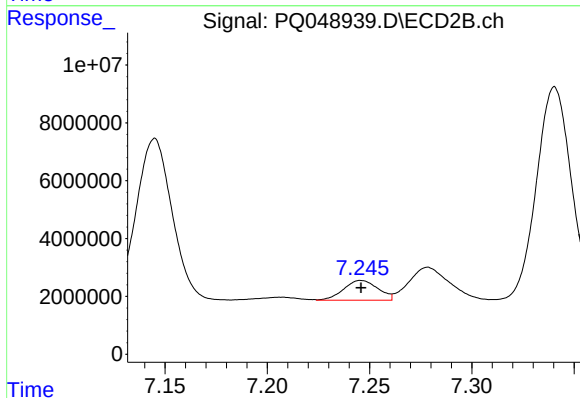
R.T.: 7.026 min
Delta R.T.: 0.018 min
Response: 49372394
Conc: 161.26 ng/ml



#29 AR-1254-4

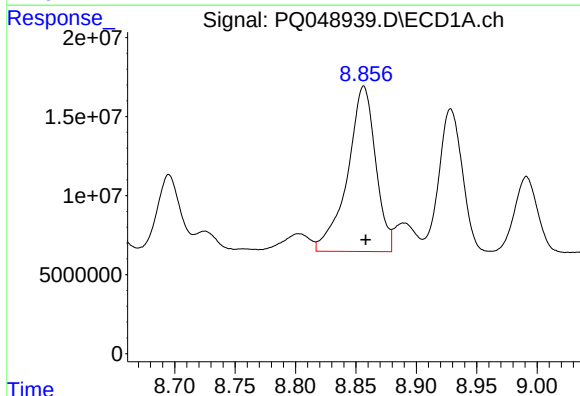
R.T.: 8.425 min
Delta R.T.: -0.002 min
Response: 24183092
Conc: 66.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



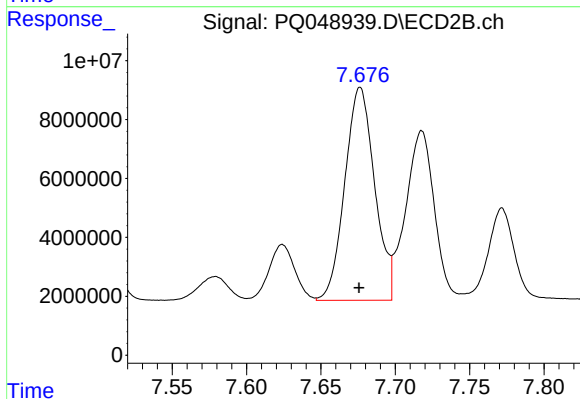
#29 AR-1254-4

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 7953602
Conc: 38.14 ng/ml



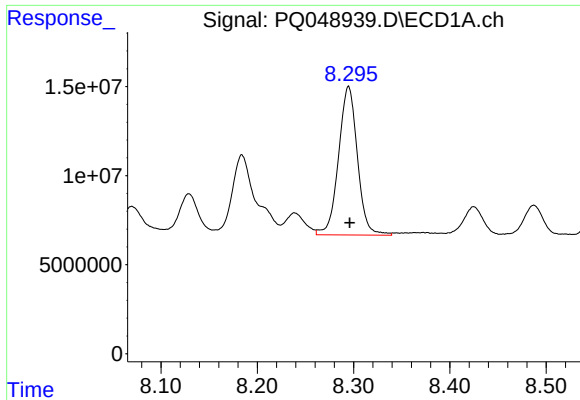
#30 AR-1254-5

R.T.: 8.856 min
Delta R.T.: -0.002 min
Response: 169142960
Conc: 433.39 ng/ml



#30 AR-1254-5

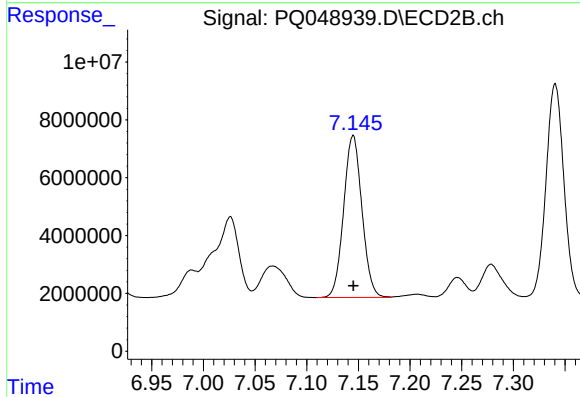
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 100964157
Conc: 338.47 ng/ml



#31 AR-1260-1

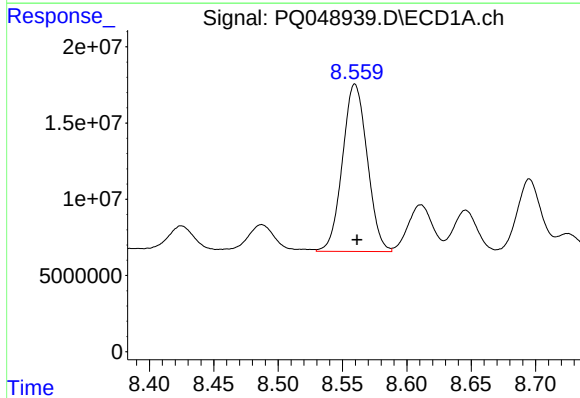
R.T.: 8.295 min
Delta R.T.: -0.001 min
Response: 113238234
Conc: 343.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



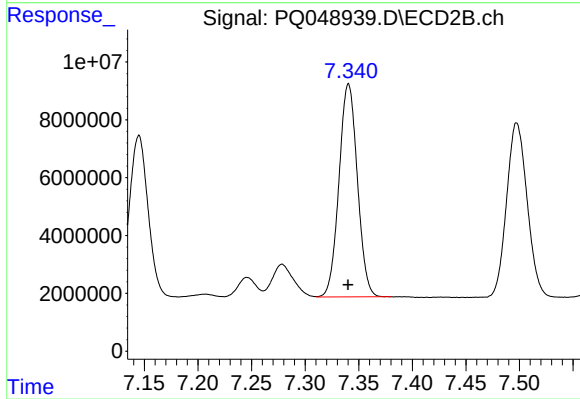
#31 AR-1260-1

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 69024188
Conc: 322.59 ng/ml



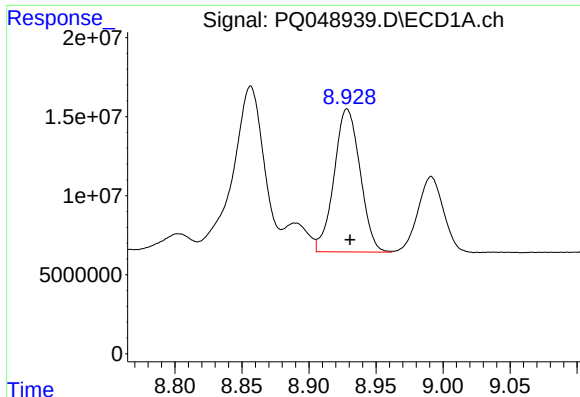
#32 AR-1260-2

R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 147172604
Conc: 341.62 ng/ml



#32 AR-1260-2

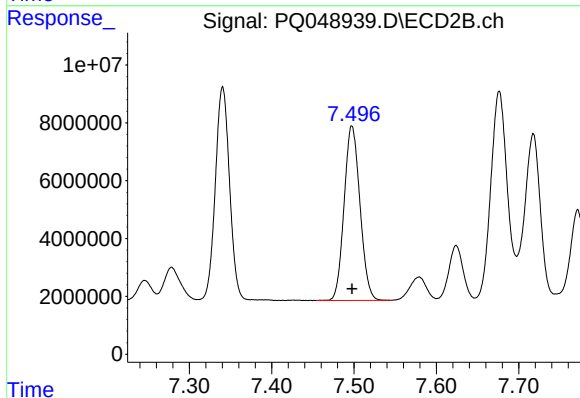
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 87874561
Conc: 320.84 ng/ml



#33 AR-1260-3

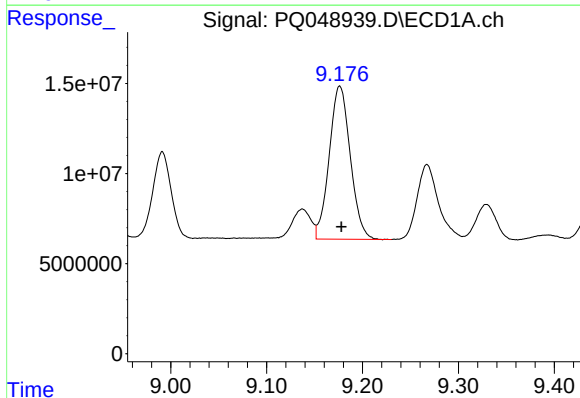
R.T.: 8.928 min
Delta R.T.: -0.002 min
Response: 122262310
Conc: 340.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



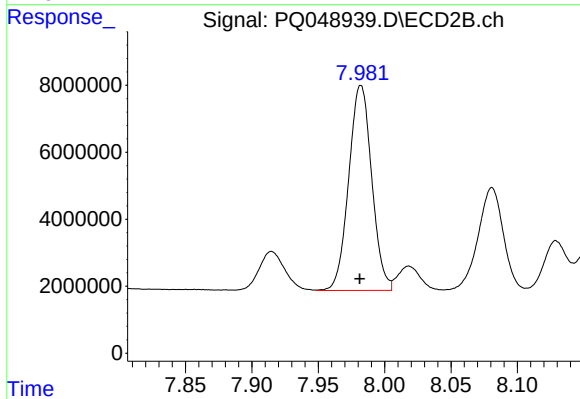
#33 AR-1260-3

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 80869110
Conc: 321.94 ng/ml



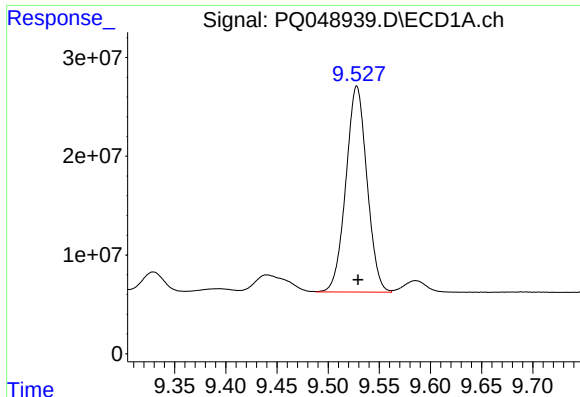
#34 AR-1260-4

R.T.: 9.176 min
Delta R.T.: -0.002 min
Response: 129846430
Conc: 325.56 ng/ml



#34 AR-1260-4

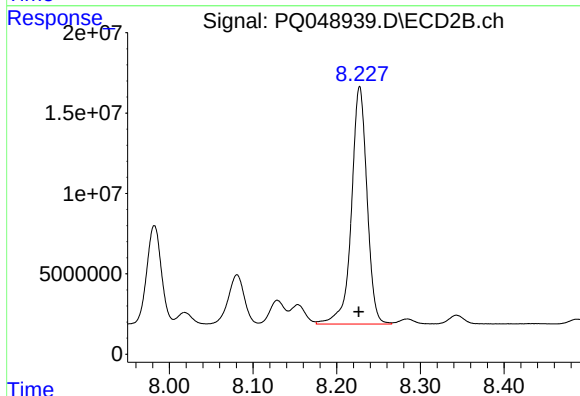
R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 73990098
Conc: 320.97 ng/ml



#35 AR-1260-5

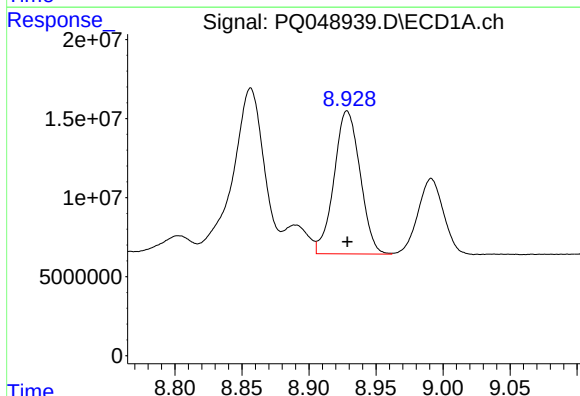
R.T.: 9.528 min
Delta R.T.: -0.001 min
Response: 298918318
Conc: 326.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



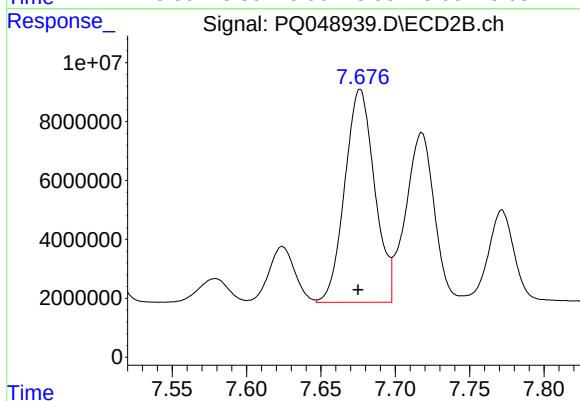
#35 AR-1260-5

R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 190941840
Conc: 319.04 ng/ml



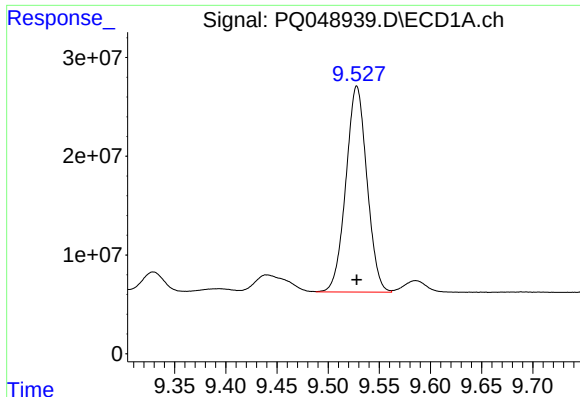
#36 AR-1262-1

R.T.: 8.928 min
Delta R.T.: 0.000 min
Response: 122262310
Conc: 205.81 ng/ml



#36 AR-1262-1

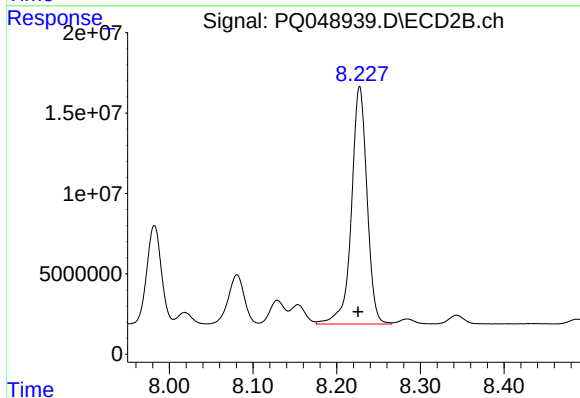
R.T.: 7.676 min
Delta R.T.: 0.001 min
Response: 100964157
Conc: 562.86 ng/ml



#37 AR-1262-2

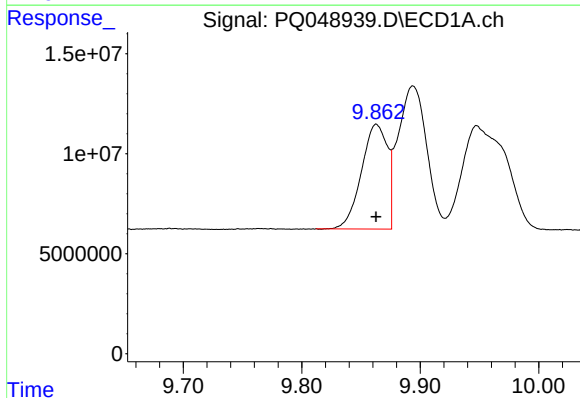
R.T.: 9.528 min
Delta R.T.: 0.000 min
Response: 298918318
Conc: 262.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



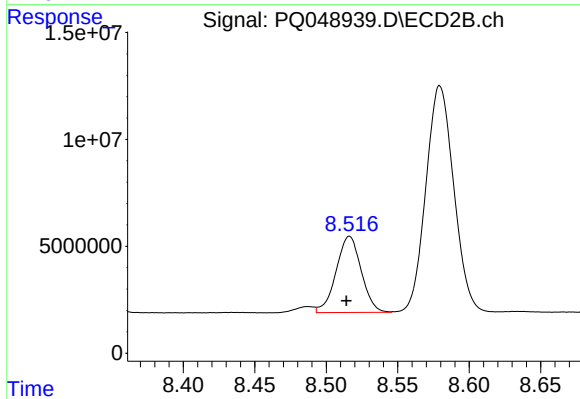
#37 AR-1262-2

R.T.: 8.227 min
Delta R.T.: 0.002 min
Response: 190941840
Conc: 278.46 ng/ml



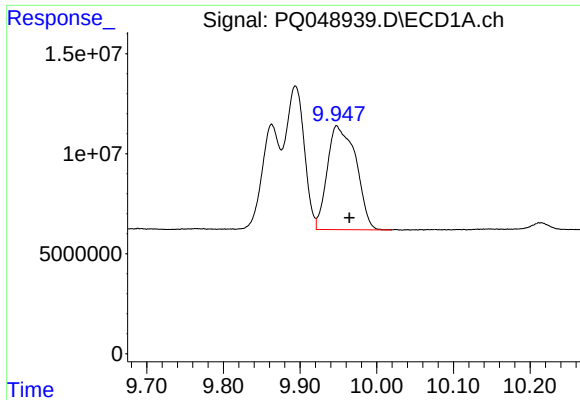
#38 AR-1262-3

R.T.: 9.863 min
Delta R.T.: 0.000 min
Response: 79983609
Conc: 143.65 ng/ml



#38 AR-1262-3

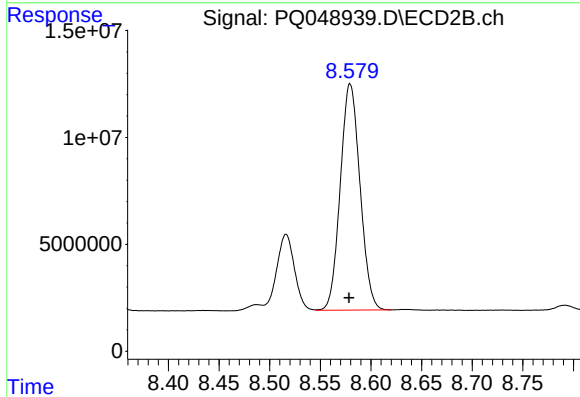
R.T.: 8.516 min
Delta R.T.: 0.002 min
Response: 43655620
Conc: 153.30 ng/ml



#39 AR-1262-4

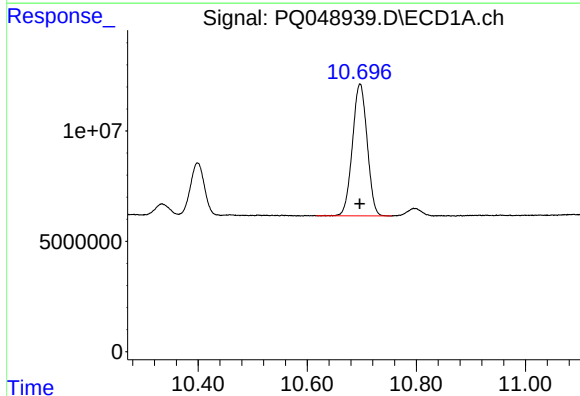
R.T.: 9.948 min
Delta R.T.: -0.017 min
Response: 134786833
Conc: 205.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



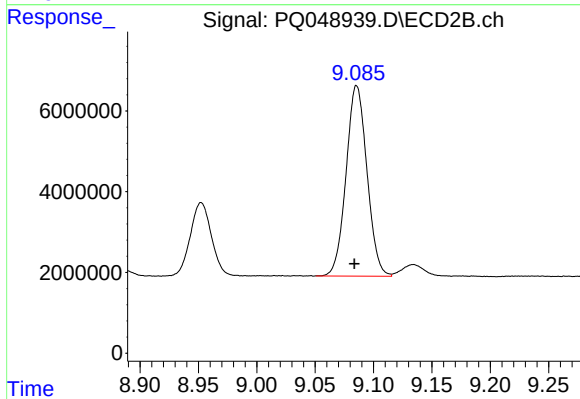
#39 AR-1262-4

R.T.: 8.579 min
Delta R.T.: 0.001 min
Response: 143646901
Conc: 274.90 ng/ml



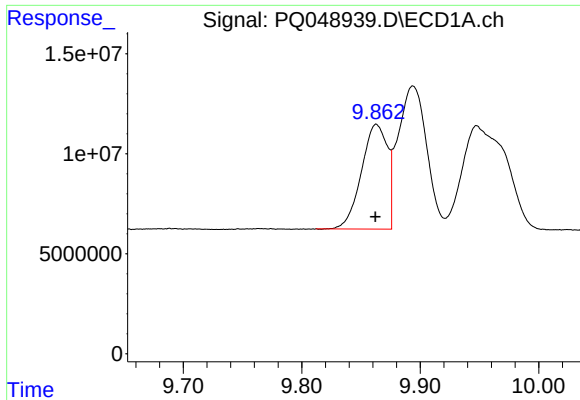
#40 AR-1262-5

R.T.: 10.697 min
Delta R.T.: 0.000 min
Response: 111865006
Conc: 217.43 ng/ml



#40 AR-1262-5

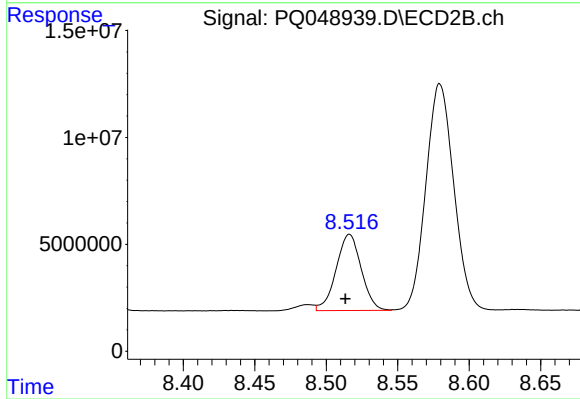
R.T.: 9.086 min
Delta R.T.: 0.002 min
Response: 58751717
Conc: 217.49 ng/ml



#41 AR-1268-1

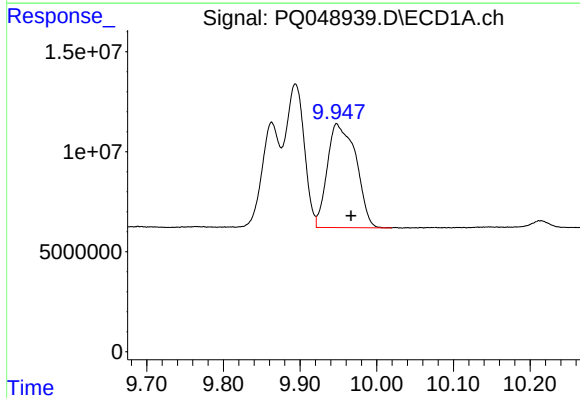
R.T.: 9.863 min
Delta R.T.: 0.000 min
Response: 79983609
Conc: 59.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



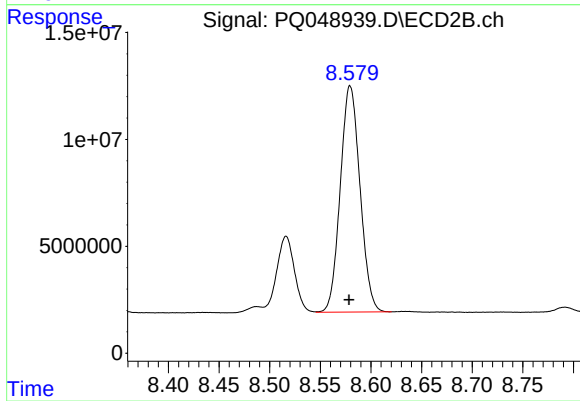
#41 AR-1268-1

R.T.: 8.516 min
Delta R.T.: 0.003 min
Response: 43655620
Conc: 55.67 ng/ml



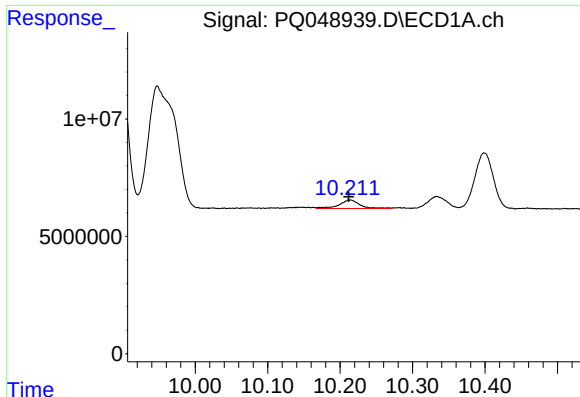
#42 AR-1268-2

R.T.: 9.948 min
Delta R.T.: -0.019 min
Response: 134786833
Conc: 103.98 ng/ml



#42 AR-1268-2

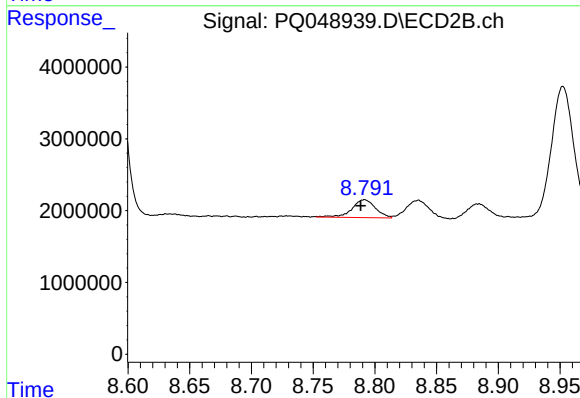
R.T.: 8.579 min
Delta R.T.: 0.001 min
Response: 143646901
Conc: 196.37 ng/ml



#43 AR-1268-3

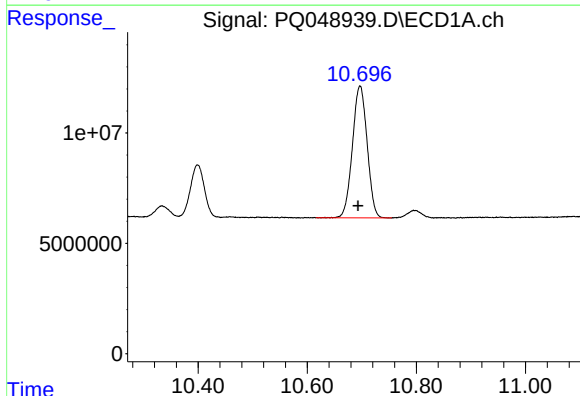
R.T.: 10.213 min
Delta R.T.: 0.002 min
Response: 7209177
Conc: 6.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



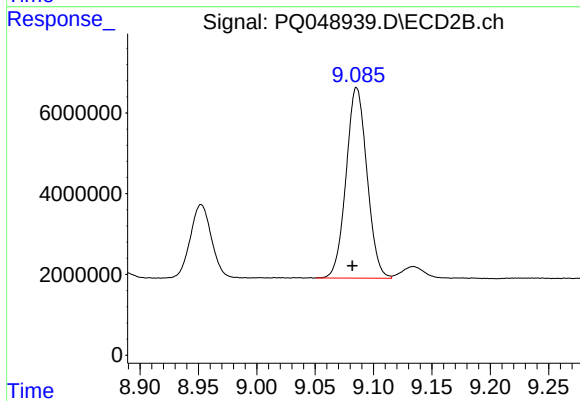
#43 AR-1268-3

R.T.: 8.792 min
Delta R.T.: 0.003 min
Response: 3290918
Conc: 5.33 ng/ml



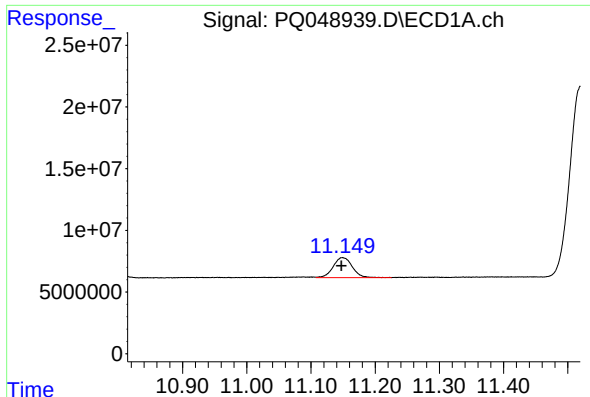
#44 AR-1268-4

R.T.: 10.697 min
Delta R.T.: 0.004 min
Response: 111865006
Conc: 212.76 ng/ml



#44 AR-1268-4

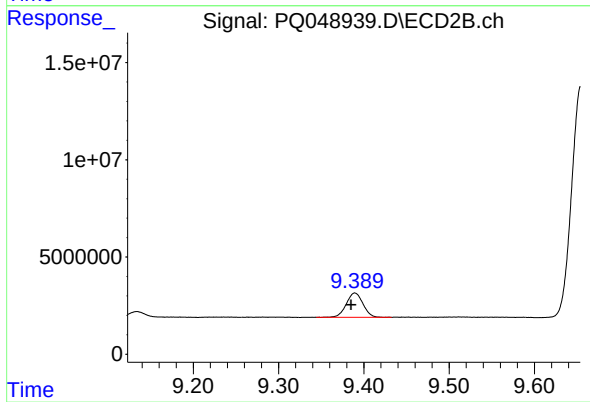
R.T.: 9.086 min
Delta R.T.: 0.004 min
Response: 58751717
Conc: 207.40 ng/ml



#45 AR-1268-5

R.T.: 11.149 min
Delta R.T.: 0.000 min
Response: 33548410
Conc: 8.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.390 min
Delta R.T.: 0.005 min
Response: 16888129
Conc: 7.97 ng/ml