

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072220\
 Data File : PQ048820.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2020 11:41
 Operator : DD\AJ
 Sample : PB130360BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 12:42:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 05:42:31 2020
 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...	5.267	4.282	184.5E6	93731874	21.843	22.351
2)	SA Decachlor...	11.519	9.648	214.5E6	111.8E6	20.834	20.748
Target Compounds							
3)	L1 AR-1016-1	6.599	5.547	18647992	8391249	57.896	48.548
4)	L1 AR-1016-2	6.623	5.568	25603570	11267566	57.121	47.309
5)	L1 AR-1016-3	6.690	5.761	20436677	6106826	75.011	49.127 #
6)	L1 AR-1016-4	6.800	5.811	16673441	5099510	73.116	51.868 #
7)	L1 AR-1016-5	7.114	6.043	13920510	5118288	62.410	39.425 #
8)	L2 AR-1221-1	5.517	0.000	1373845	0	15.387	N.D. #
9)	L2 AR-1221-2	5.624	4.640	4213632	1947422	63.792	60.414
10)	L2 AR-1221-3	5.710	4.730	7768850	4038142	37.219	38.219
11)	L3 AR-1232-1	5.710	4.730	7768850	4038142	43.901	44.967
12)	L3 AR-1232-2	6.303	5.568	15734930	11267566	174.492	114.670 #
13)	L3 AR-1232-3	6.623	5.761	25603570	6106826	138.319	120.880
14)	L3 AR-1232-4	6.800	5.856	16673441	6033854	177.535	132.423 #
15)	L3 AR-1232-5	6.893	6.043	13899761	5118288	202.935	104.781 #
16)	L4 AR-1242-1	6.599	5.547	18647992	8391249	75.883	63.531
17)	L4 AR-1242-2	6.623	5.568	25603570	11267566	73.915	61.987
18)	L4 AR-1242-3	6.690	5.761	20436677	6106826	96.674	64.077 #
19)	L4 AR-1242-4	6.800	5.856	16673441	6033854	94.683	64.120 #
20)	L4 AR-1242-5	7.586	6.422	2622283	6409364	13.394	49.693 #
21)	L5 AR-1248-1	6.599	5.547	18647992	8391249	113.749	94.458
22)	L5 AR-1248-2	6.893	5.811	13899761	5099510	63.891	44.106 #
23)	L5 AR-1248-3	7.114	5.856	13920510	6033854	56.642	50.969
24)	L5 AR-1248-4	7.544	6.043	2447592	5118288	8.379	35.296 #
25)	L5 AR-1248-5	7.586	0.000	2622283	0	9.457	N.D. #
26)	L6 AR-1254-1	7.514	6.422	10296096	6409364	33.696	25.415
27)	L6 AR-1254-2	7.740	6.580	8502589	4465068	17.882	20.185
28)	L6 AR-1254-3	8.129	7.020f	4261166	12360105	8.299	33.075 #
29)	L6 AR-1254-4	8.424	7.240	3567531	1671059	8.850	6.812
30)	L6 AR-1254-5	8.855	7.670	25536495	15600917	58.943	46.151
31)	L7 AR-1260-1	8.294	7.139	18161150	13156375	44.966	49.978
32)	L7 AR-1260-2	8.559	7.335	22847957	15510888	45.427	46.714
33)	L7 AR-1260-3	8.928	7.492	17746702	13180056	44.430	43.558
34)	L7 AR-1260-4	9.175	7.976	19392400	11430401	42.466	44.236
35)	L7 AR-1260-5	9.526	8.222	41706386	27243940	42.045	41.722
36)	L8 AR-1262-1	8.928	7.670	17746702	15600917	30.697	78.633 #
37)	L8 AR-1262-2	9.526	8.222	41706386	27243940	37.992	37.357
38)	L8 AR-1262-3	9.863	8.510	10819489	8691467	22.016	31.905 #
39)	L8 AR-1262-4	9.947f	8.573	19530921	21391278	33.447	41.224
40)	L8 AR-1262-5	10.696	9.079	15888487	7685183	37.873	33.035
41)	L9 AR-1268-1	9.863	8.510	10819489	8691467	7.579	9.766 #

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 Acq On : 22 Jul 2020 11:41
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 Sample : PB130360BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

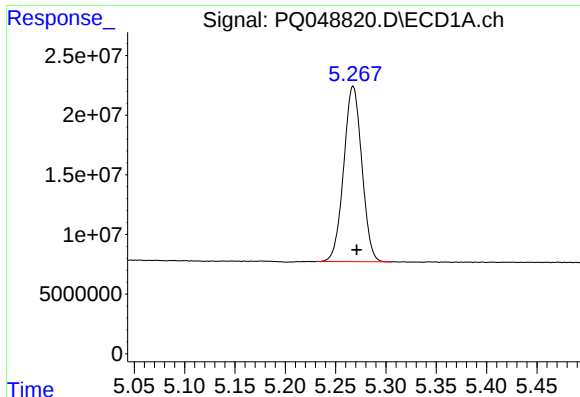
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 12:42:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071620.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.947f	8.573	19530921	21391278	14.211	26.012 #
43) L9	AR-1268-3	10.214	8.786	2022998	737791	1.721	1.090 #
44) L9	AR-1268-4	10.696	9.079	15888487	7685183	30.950	26.953
45) L9	AR-1268-5	11.149	9.383	5759479	3116442	1.486	1.454

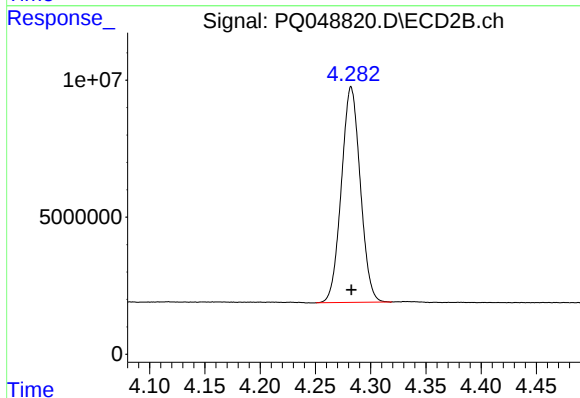
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

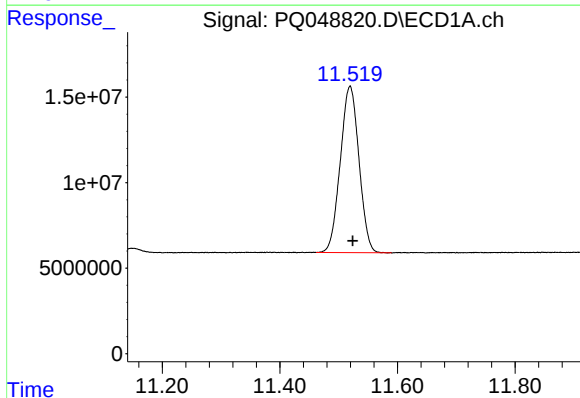
R.T.: 5.267 min
Delta R.T.: -0.004 min
Response: 184522453
Conc: 21.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



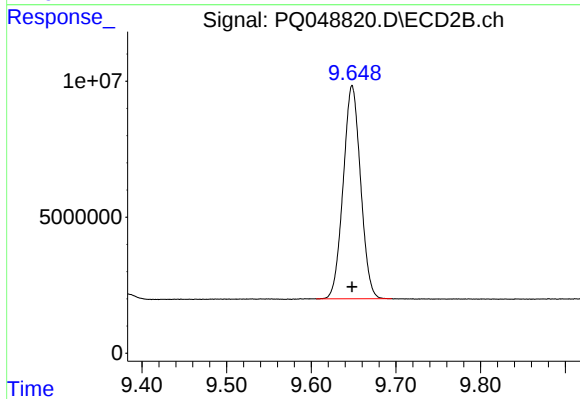
#1 Tetrachloro-m-xylene

R.T.: 4.282 min
Delta R.T.: 0.000 min
Response: 93731874
Conc: 22.35 ng/ml



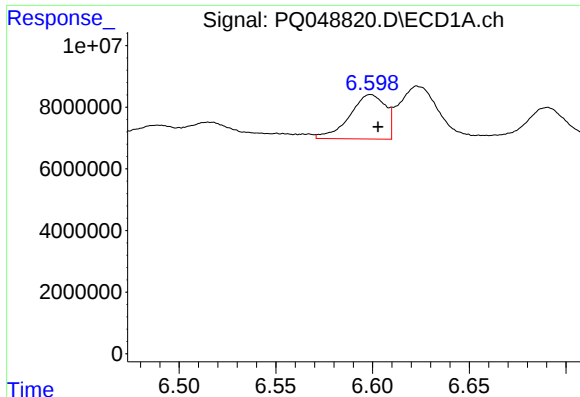
#2 Decachlorobiphenyl

R.T.: 11.519 min
Delta R.T.: -0.005 min
Response: 214547597
Conc: 20.83 ng/ml



#2 Decachlorobiphenyl

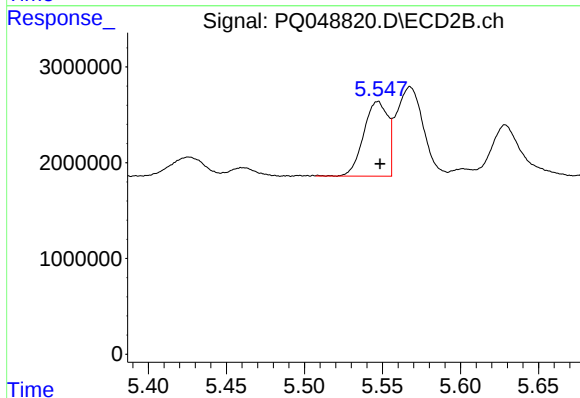
R.T.: 9.648 min
Delta R.T.: 0.000 min
Response: 111795100
Conc: 20.75 ng/ml



#3 AR-1016-1

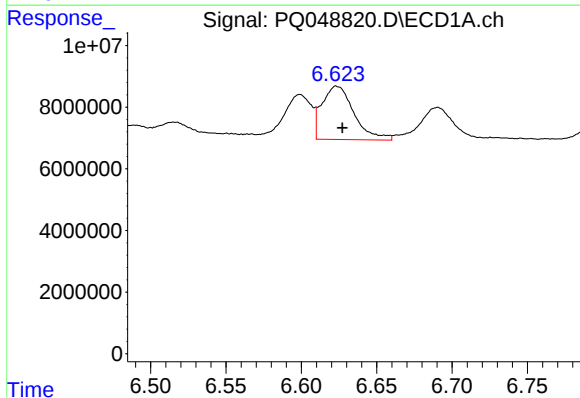
R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 18647992
Conc: 57.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



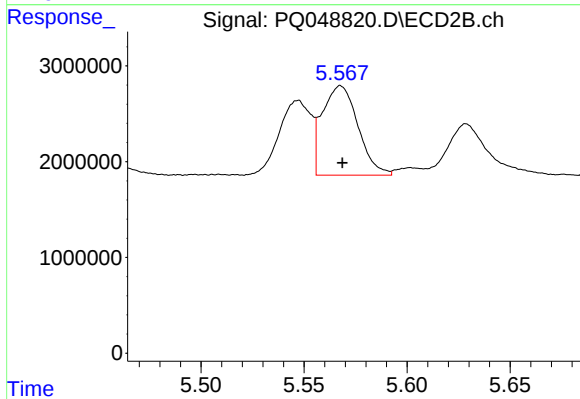
#3 AR-1016-1

R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 8391249
Conc: 48.55 ng/ml



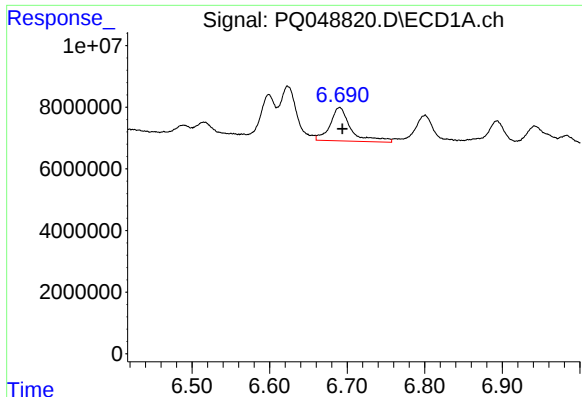
#4 AR-1016-2

R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 25603570
Conc: 57.12 ng/ml



#4 AR-1016-2

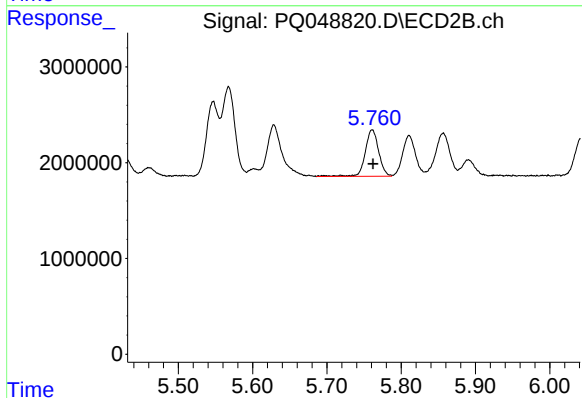
R.T.: 5.568 min
Delta R.T.: -0.001 min
Response: 11267566
Conc: 47.31 ng/ml



#5 AR-1016-3

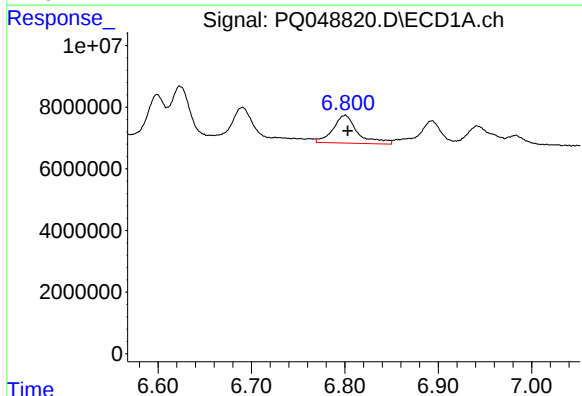
R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 20436677
Conc: 75.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



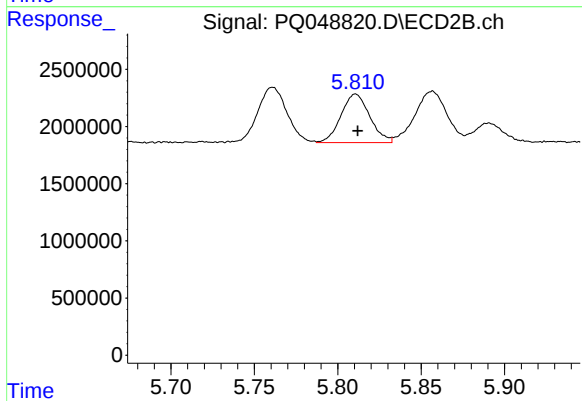
#5 AR-1016-3

R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 6106826
Conc: 49.13 ng/ml



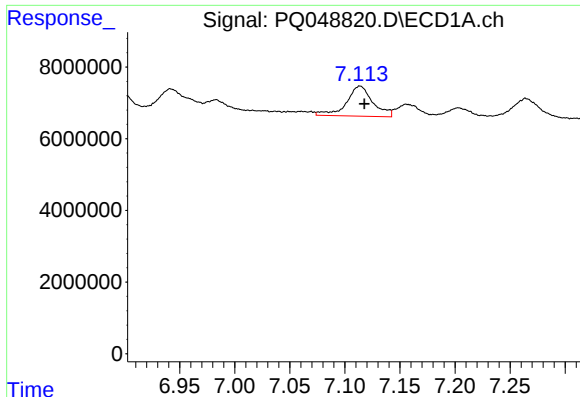
#6 AR-1016-4

R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 16673441
Conc: 73.12 ng/ml



#6 AR-1016-4

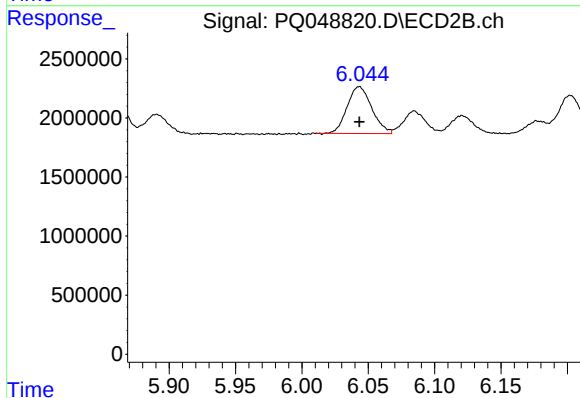
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 5099510
Conc: 51.87 ng/ml



#7 AR-1016-5

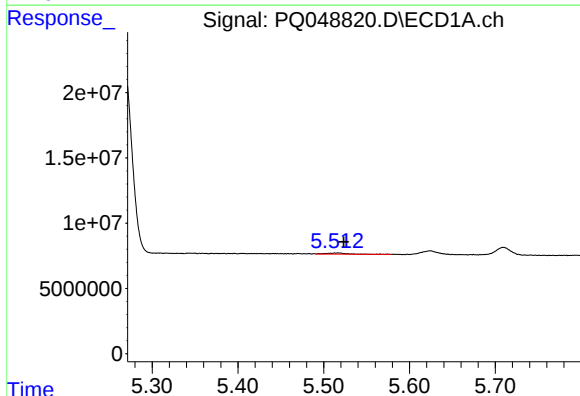
R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 13920510
Conc: 62.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



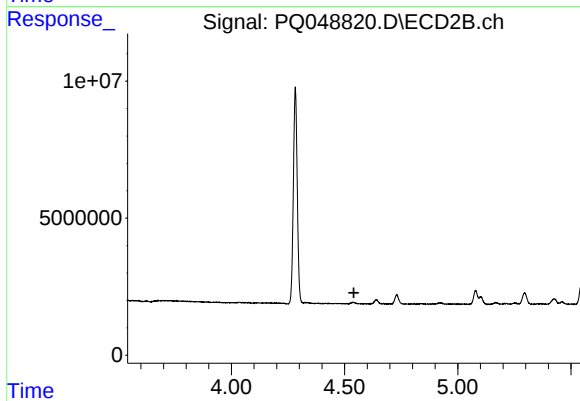
#7 AR-1016-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 5118288
Conc: 39.42 ng/ml



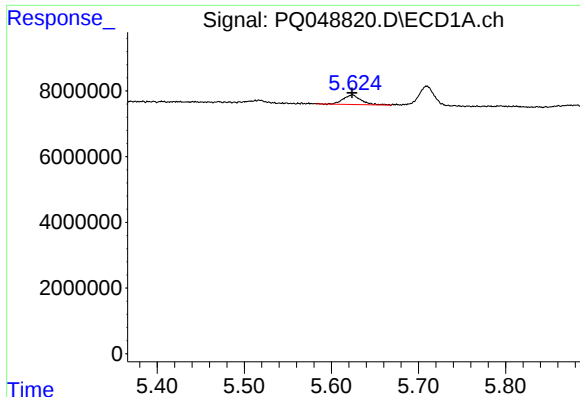
#8 AR-1221-1

R.T.: 5.517 min
Delta R.T.: -0.006 min
Response: 1373845
Conc: 15.39 ng/ml



#8 AR-1221-1

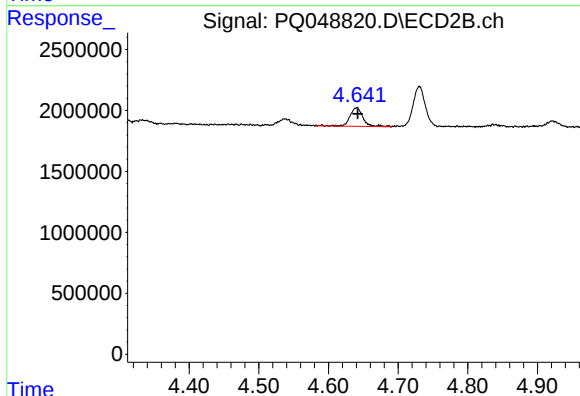
R.T.: 0.000 min
Exp R.T. : 4.541 min
Response: 0
Conc: N.D.



#9 AR-1221-2

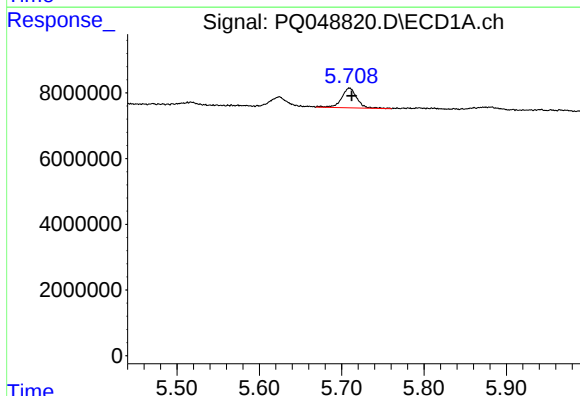
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 4213632
Conc: 63.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



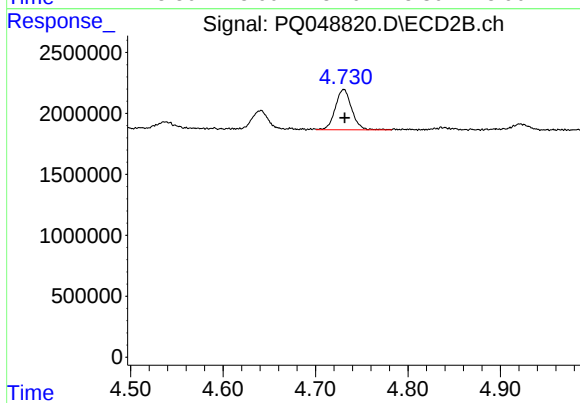
#9 AR-1221-2

R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 1947422
Conc: 60.41 ng/ml



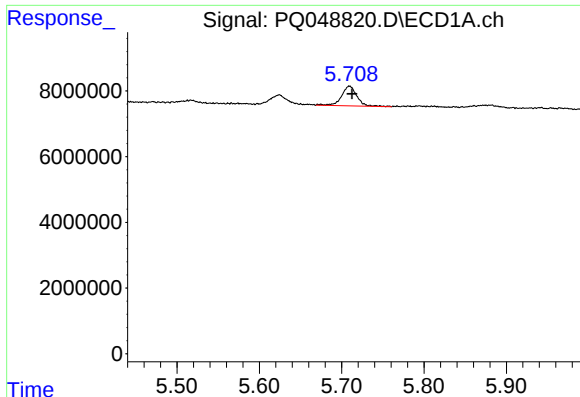
#10 AR-1221-3

R.T.: 5.710 min
Delta R.T.: -0.002 min
Response: 7768850
Conc: 37.22 ng/ml



#10 AR-1221-3

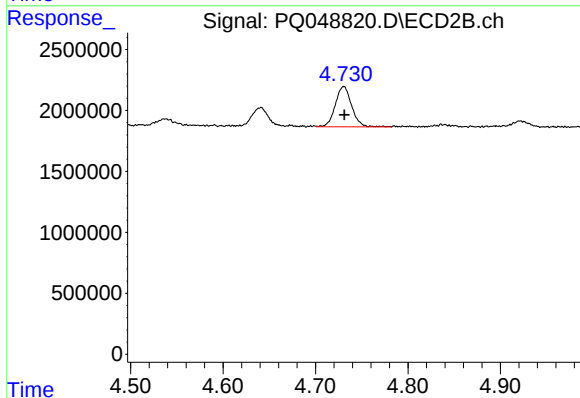
R.T.: 4.730 min
Delta R.T.: -0.001 min
Response: 4038142
Conc: 38.22 ng/ml



#11 AR-1232-1

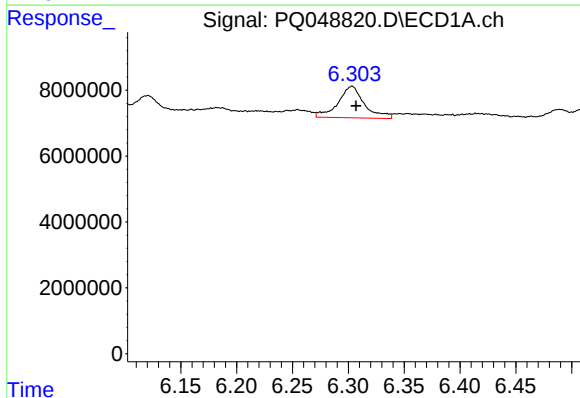
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 7768850
Conc: 43.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



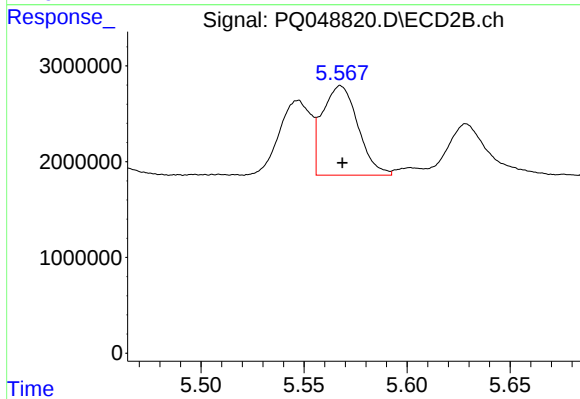
#11 AR-1232-1

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 4038142
Conc: 44.97 ng/ml



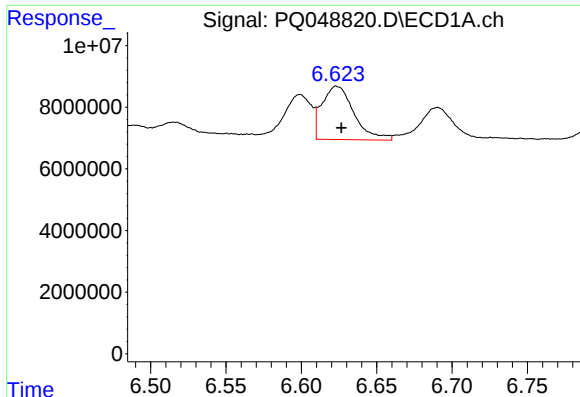
#12 AR-1232-2

R.T.: 6.303 min
Delta R.T.: -0.004 min
Response: 15734930
Conc: 174.49 ng/ml



#12 AR-1232-2

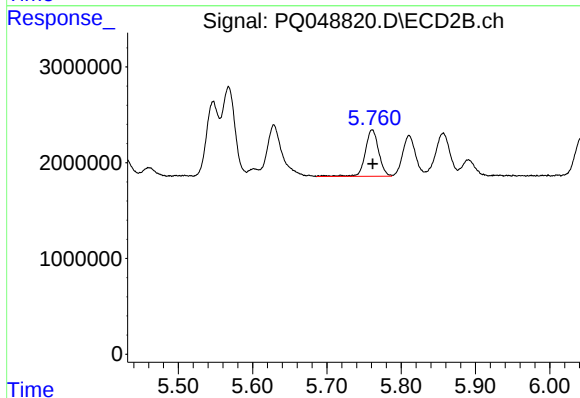
R.T.: 5.568 min
Delta R.T.: -0.001 min
Response: 11267566
Conc: 114.67 ng/ml



#13 AR-1232-3

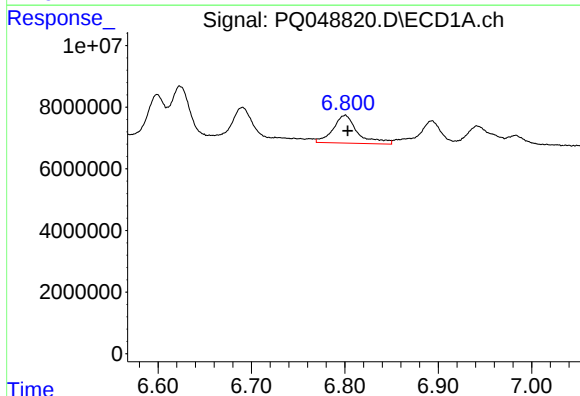
R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 25603570
Conc: 138.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



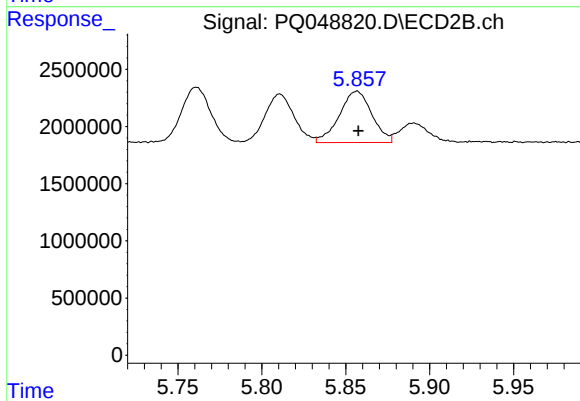
#13 AR-1232-3

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 6106826
Conc: 120.88 ng/ml



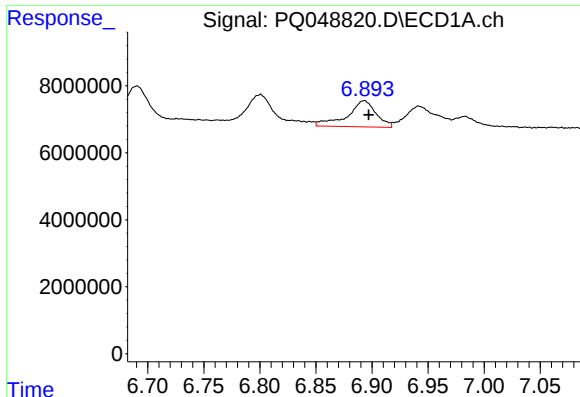
#14 AR-1232-4

R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 16673441
Conc: 177.54 ng/ml



#14 AR-1232-4

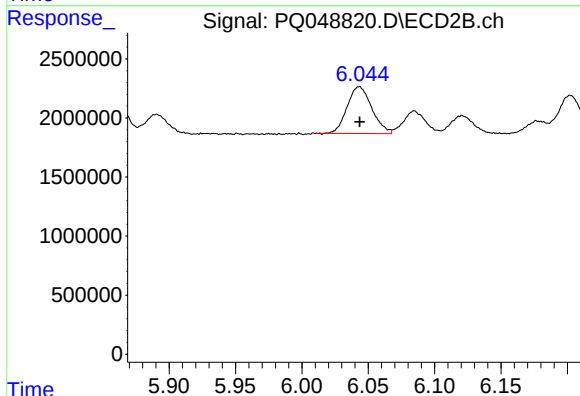
R.T.: 5.856 min
Delta R.T.: -0.001 min
Response: 6033854
Conc: 132.42 ng/ml



#15 AR-1232-5

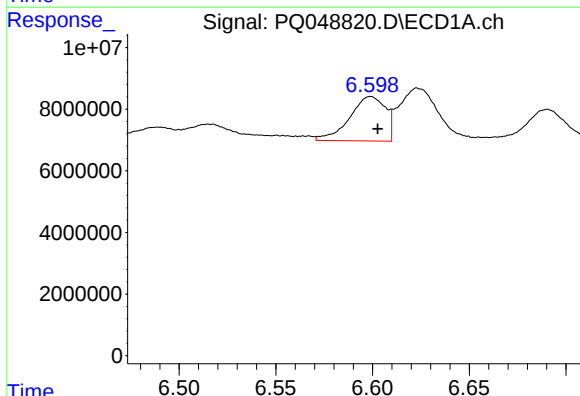
R.T.: 6.893 min
Delta R.T.: -0.004 min
Response: 13899761
Conc: 202.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



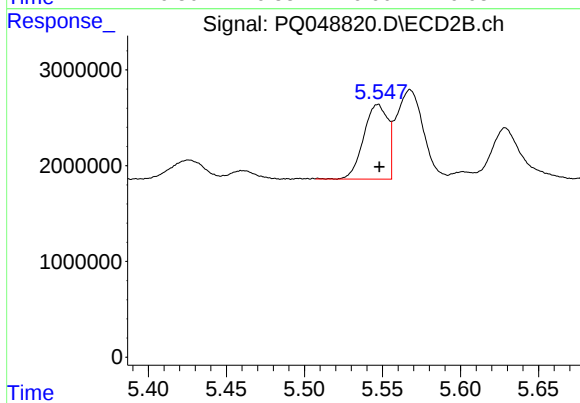
#15 AR-1232-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 5118288
Conc: 104.78 ng/ml



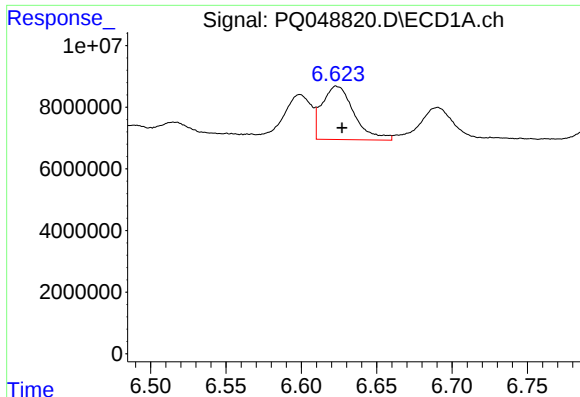
#16 AR-1242-1

R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 18647992
Conc: 75.88 ng/ml



#16 AR-1242-1

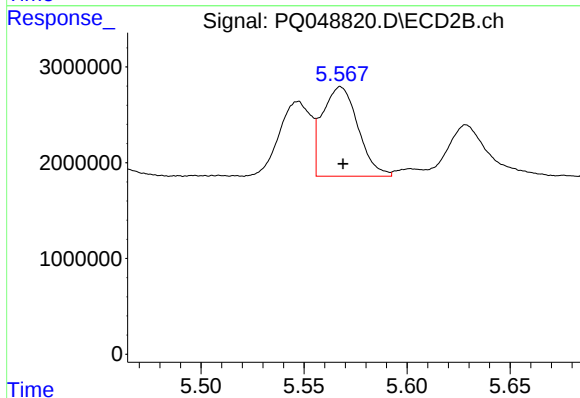
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 8391249
Conc: 63.53 ng/ml



#17 AR-1242-2

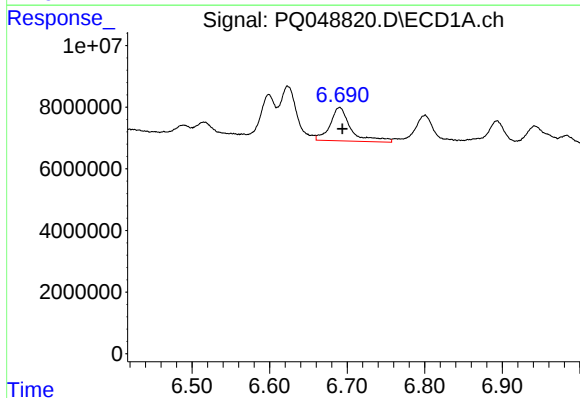
R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 25603570
Conc: 73.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



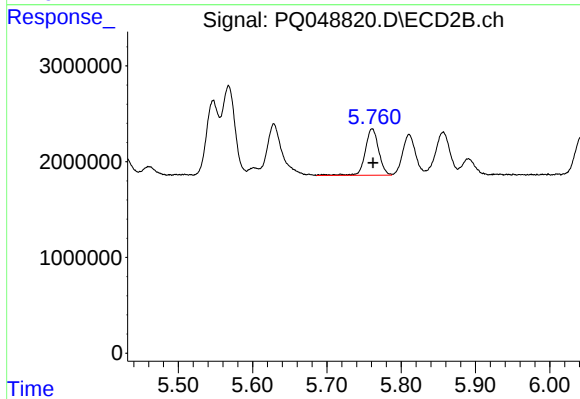
#17 AR-1242-2

R.T.: 5.568 min
Delta R.T.: -0.001 min
Response: 11267566
Conc: 61.99 ng/ml



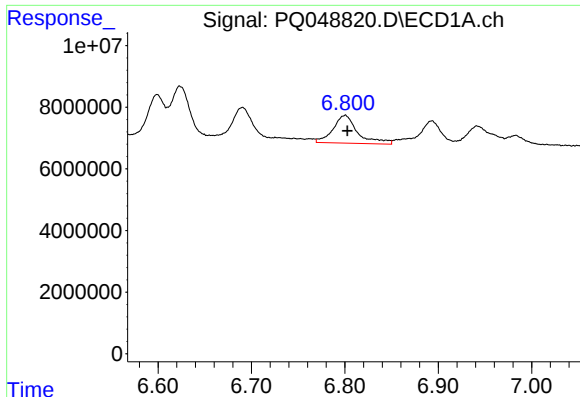
#18 AR-1242-3

R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 20436677
Conc: 96.67 ng/ml



#18 AR-1242-3

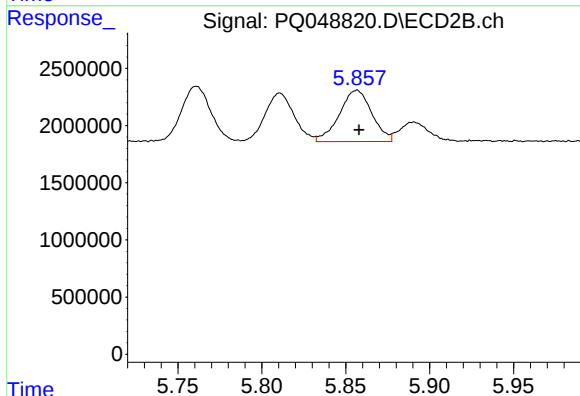
R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 6106826
Conc: 64.08 ng/ml



#19 AR-1242-4

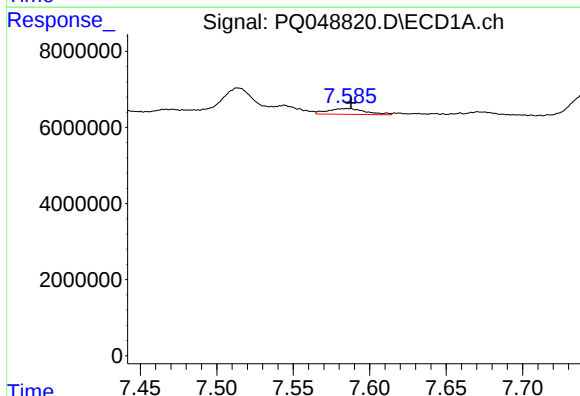
R.T.: 6.800 min
Delta R.T.: -0.002 min
Response: 16673441
Conc: 94.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



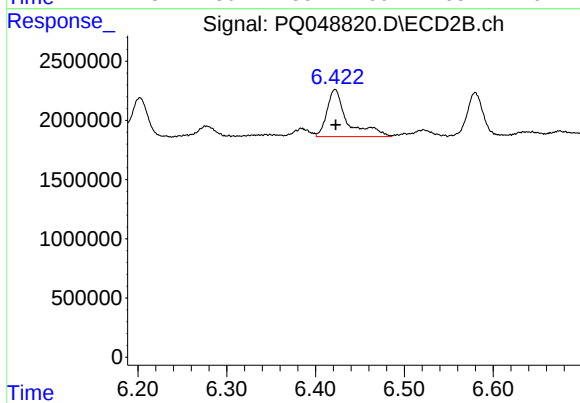
#19 AR-1242-4

R.T.: 5.856 min
Delta R.T.: -0.001 min
Response: 6033854
Conc: 64.12 ng/ml



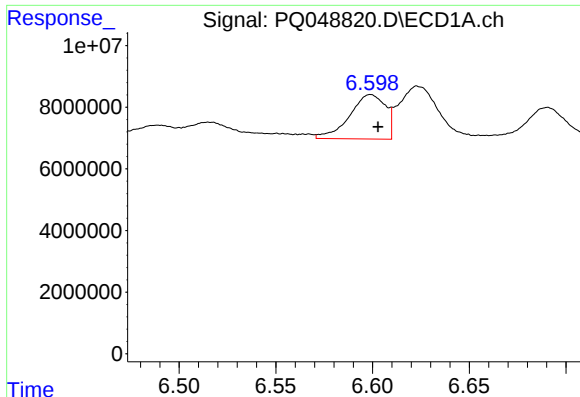
#20 AR-1242-5

R.T.: 7.586 min
Delta R.T.: -0.002 min
Response: 2622283
Conc: 13.39 ng/ml



#20 AR-1242-5

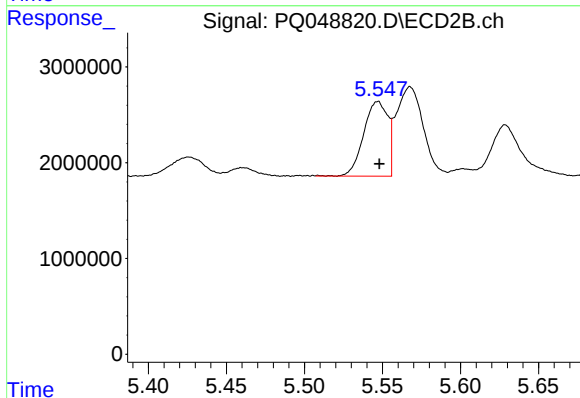
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 6409364
Conc: 49.69 ng/ml



#21 AR-1248-1

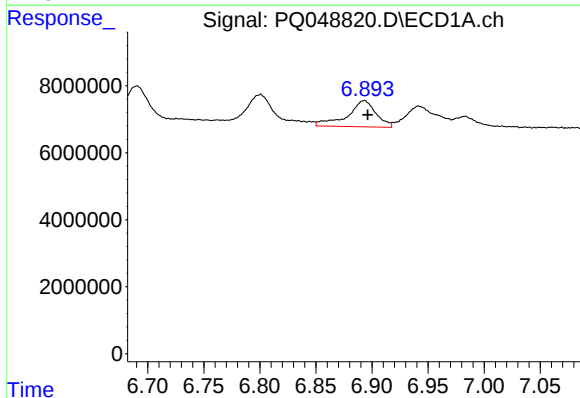
R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 18647992
Conc: 113.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



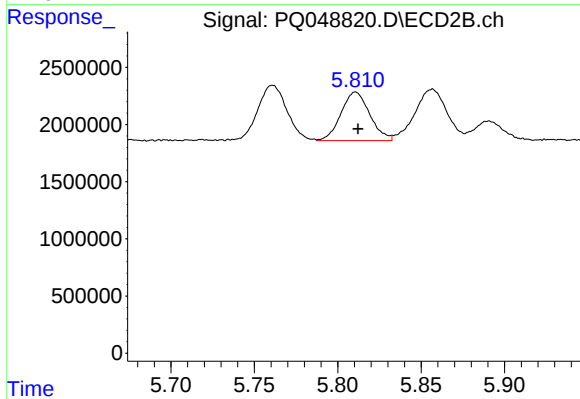
#21 AR-1248-1

R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 8391249
Conc: 94.46 ng/ml



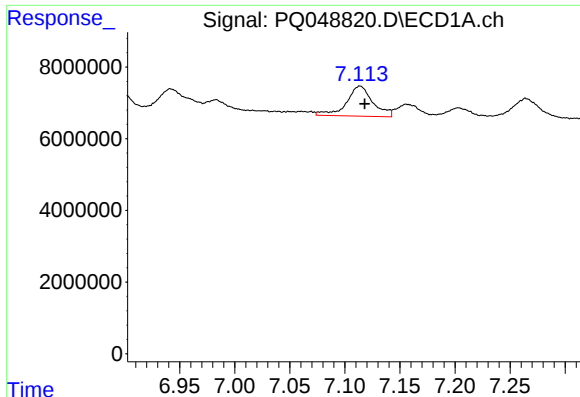
#22 AR-1248-2

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 13899761
Conc: 63.89 ng/ml



#22 AR-1248-2

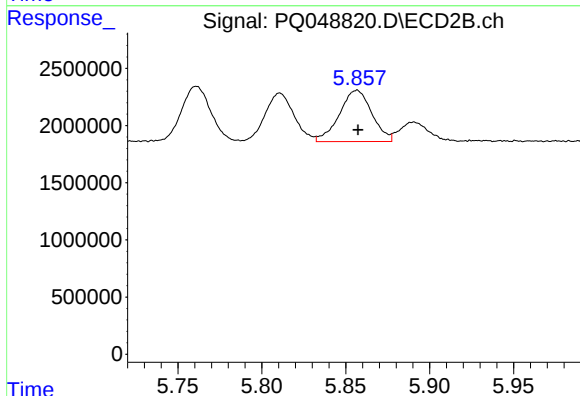
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 5099510
Conc: 44.11 ng/ml



#23 AR-1248-3

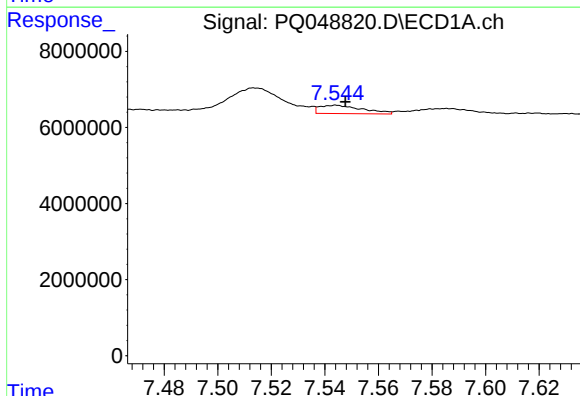
R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 13920510
Conc: 56.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



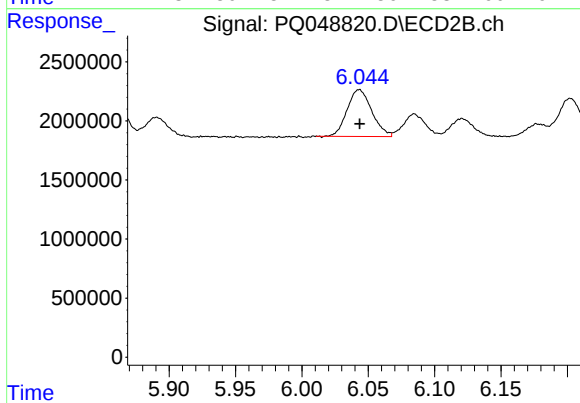
#23 AR-1248-3

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 6033854
Conc: 50.97 ng/ml



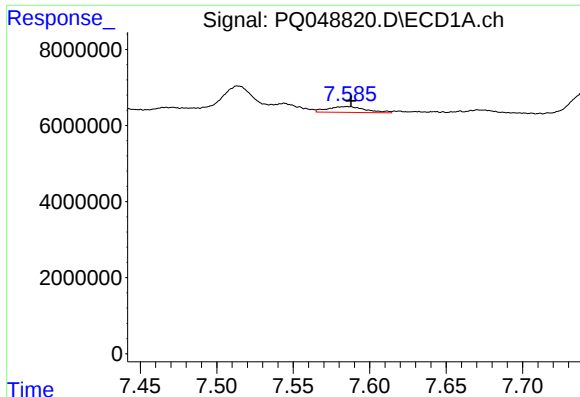
#24 AR-1248-4

R.T.: 7.544 min
Delta R.T.: -0.004 min
Response: 2447592
Conc: 8.38 ng/ml



#24 AR-1248-4

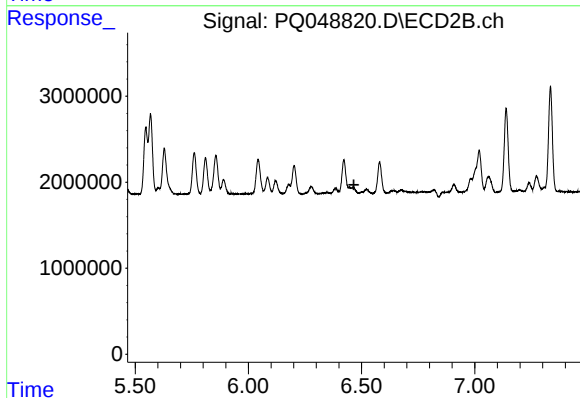
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 5118288
Conc: 35.30 ng/ml



#25 AR-1248-5

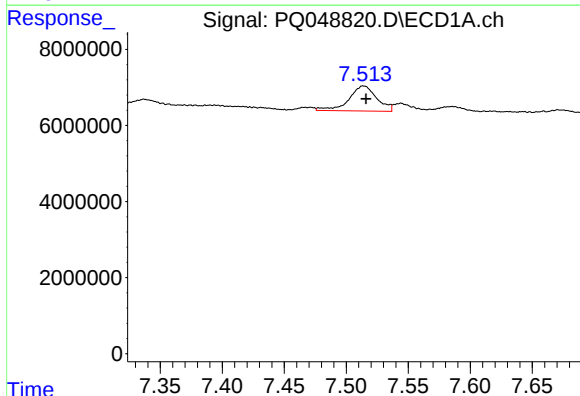
R.T.: 7.586 min
Delta R.T.: -0.002 min
Response: 2622283
Conc: 9.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



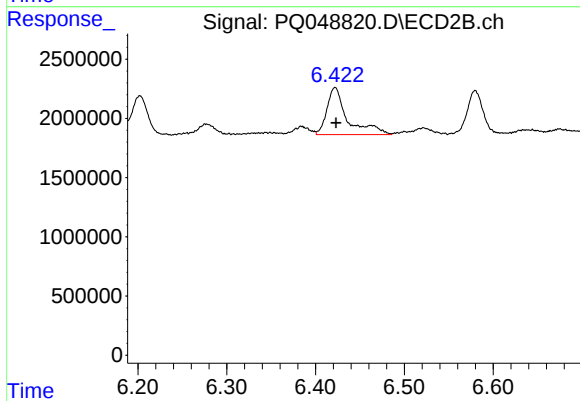
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.466 min
Response: 0
Conc: N.D.



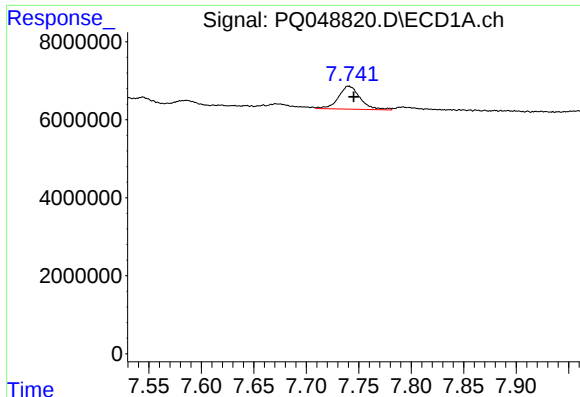
#26 AR-1254-1

R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 10296096
Conc: 33.70 ng/ml



#26 AR-1254-1

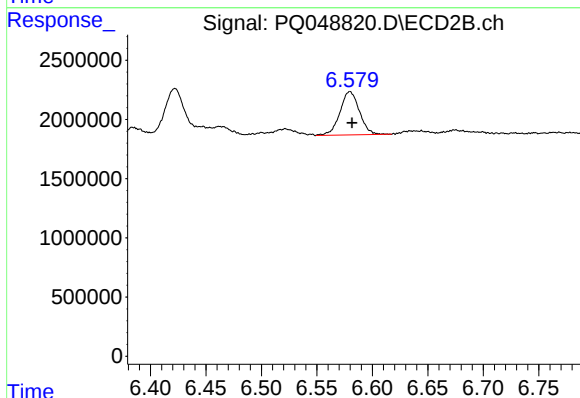
R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 6409364
Conc: 25.41 ng/ml



#27 AR-1254-2

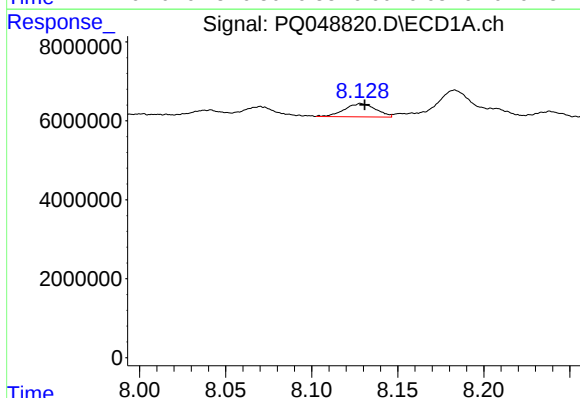
R.T.: 7.740 min
Delta R.T.: -0.005 min
Response: 8502589
Conc: 17.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



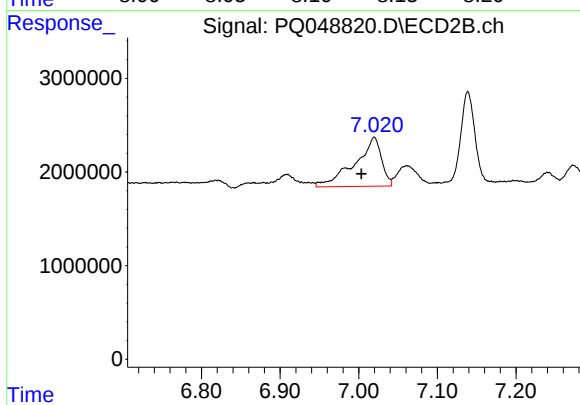
#27 AR-1254-2

R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 4465068
Conc: 20.19 ng/ml



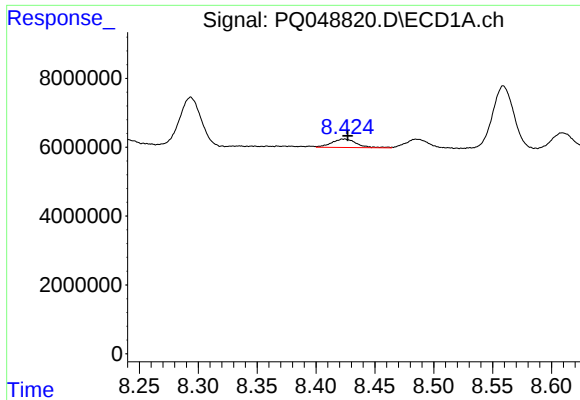
#28 AR-1254-3

R.T.: 8.129 min
Delta R.T.: -0.002 min
Response: 4261166
Conc: 8.30 ng/ml



#28 AR-1254-3

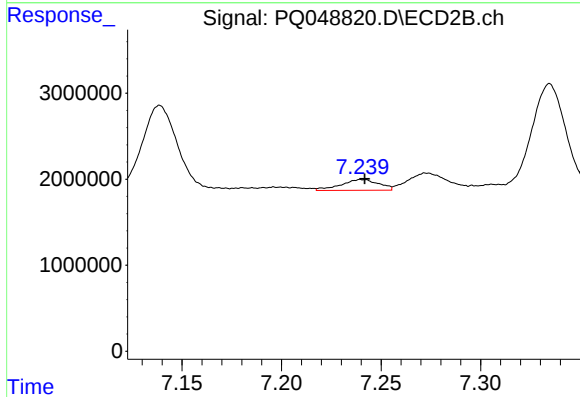
R.T.: 7.020 min
Delta R.T.: 0.016 min
Response: 12360105
Conc: 33.08 ng/ml



#29 AR-1254-4

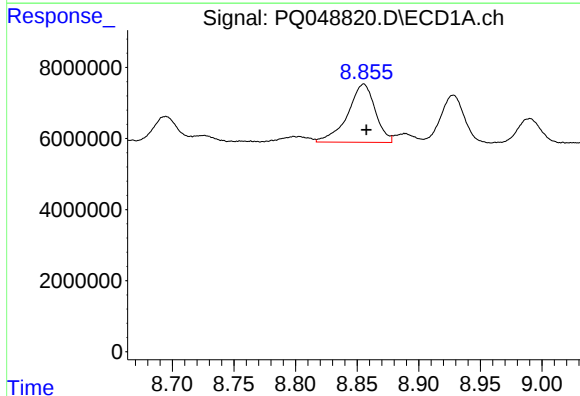
R.T.: 8.424 min
Delta R.T.: -0.003 min
Response: 3567531
Conc: 8.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



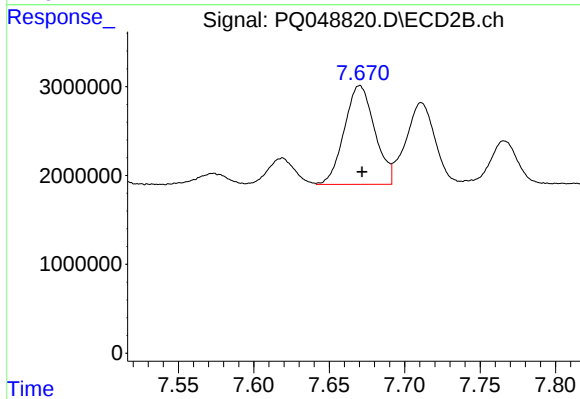
#29 AR-1254-4

R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 1671059
Conc: 6.81 ng/ml



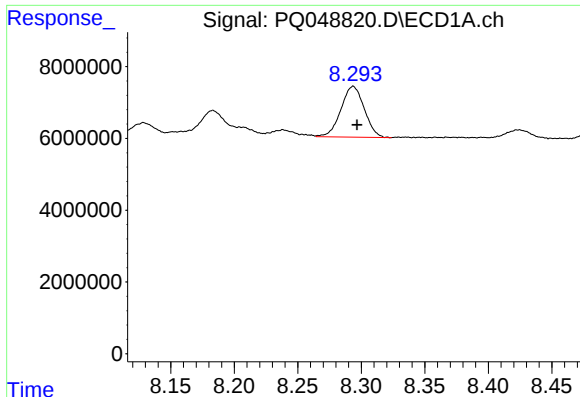
#30 AR-1254-5

R.T.: 8.855 min
Delta R.T.: -0.002 min
Response: 25536495
Conc: 58.94 ng/ml



#30 AR-1254-5

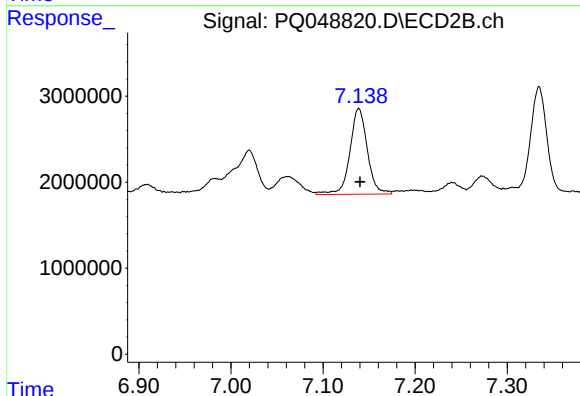
R.T.: 7.670 min
Delta R.T.: -0.002 min
Response: 15600917
Conc: 46.15 ng/ml



#31 AR-1260-1

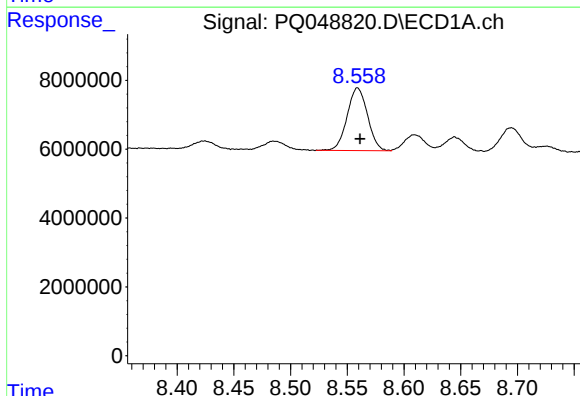
R.T.: 8.294 min
Delta R.T.: -0.003 min
Response: 18161150
Conc: 44.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



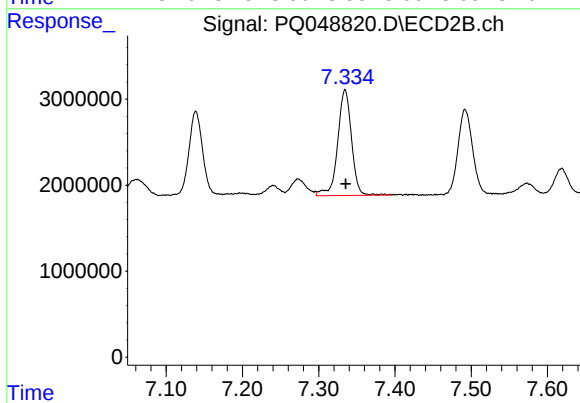
#31 AR-1260-1

R.T.: 7.139 min
Delta R.T.: -0.001 min
Response: 13156375
Conc: 49.98 ng/ml



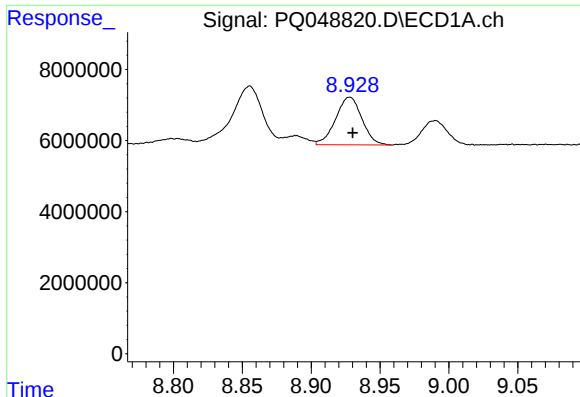
#32 AR-1260-2

R.T.: 8.559 min
Delta R.T.: -0.002 min
Response: 22847957
Conc: 45.43 ng/ml



#32 AR-1260-2

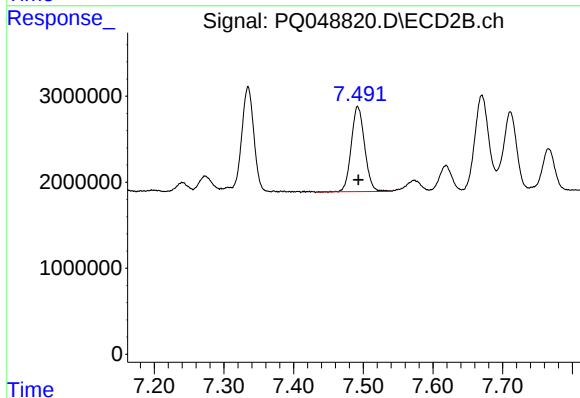
R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 15510888
Conc: 46.71 ng/ml



#33 AR-1260-3

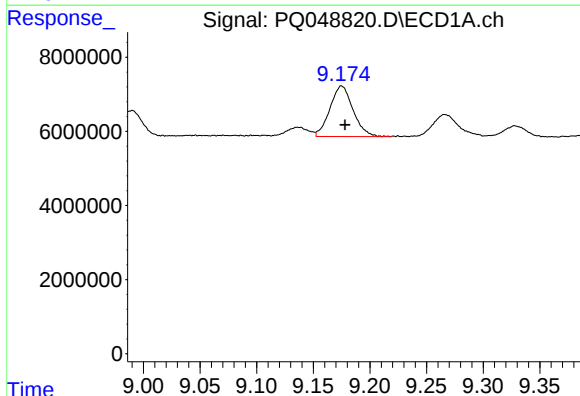
R.T.: 8.928 min
Delta R.T.: -0.002 min
Response: 17746702
Conc: 44.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



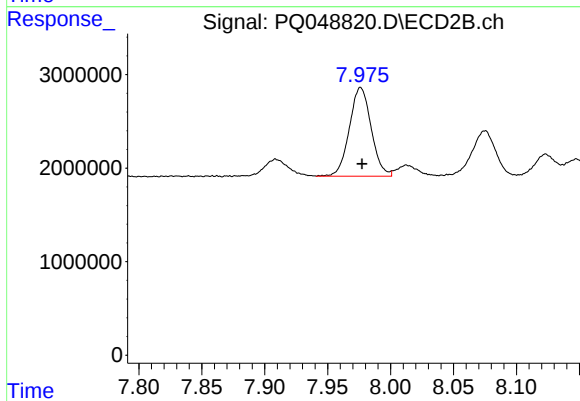
#33 AR-1260-3

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 13180056
Conc: 43.56 ng/ml



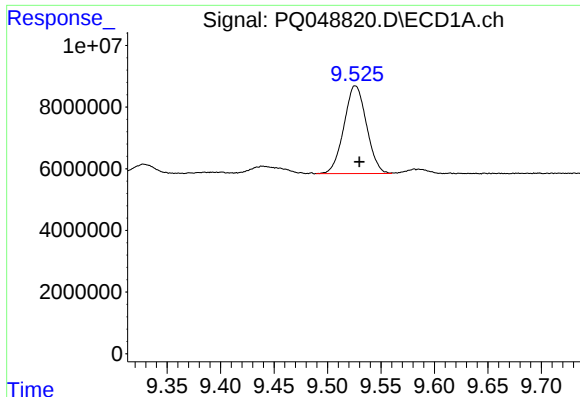
#34 AR-1260-4

R.T.: 9.175 min
Delta R.T.: -0.003 min
Response: 19392400
Conc: 42.47 ng/ml



#34 AR-1260-4

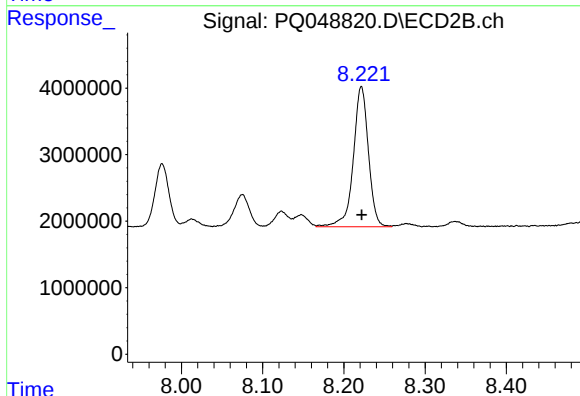
R.T.: 7.976 min
Delta R.T.: -0.001 min
Response: 11430401
Conc: 44.24 ng/ml



#35 AR-1260-5

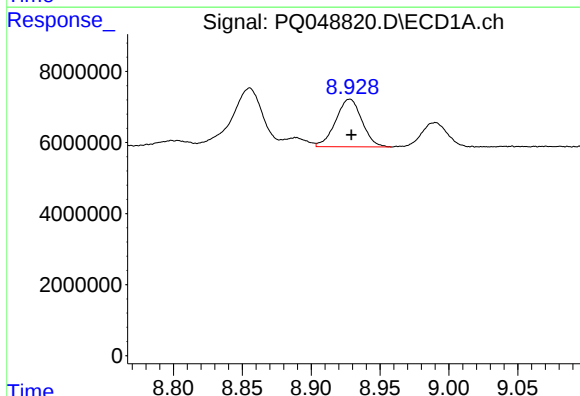
R.T.: 9.526 min
Delta R.T.: -0.004 min
Response: 41706386
Conc: 42.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



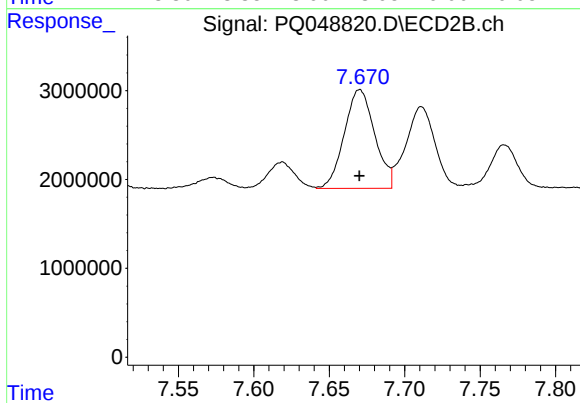
#35 AR-1260-5

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 27243940
Conc: 41.72 ng/ml



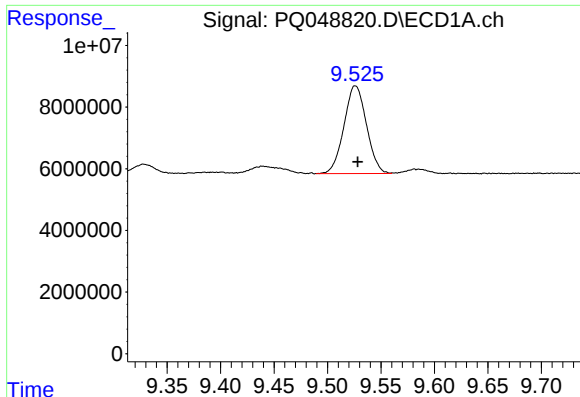
#36 AR-1262-1

R.T.: 8.928 min
Delta R.T.: -0.001 min
Response: 17746702
Conc: 30.70 ng/ml



#36 AR-1262-1

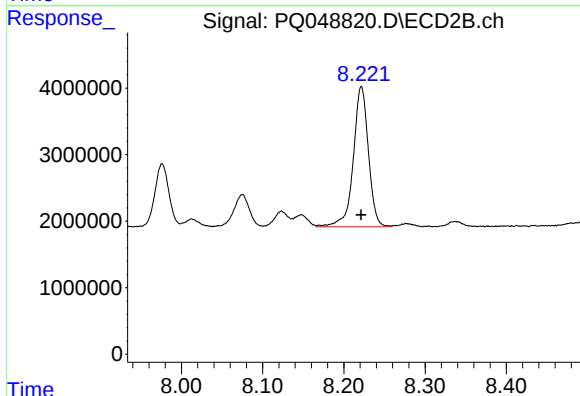
R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 15600917
Conc: 78.63 ng/ml



#37 AR-1262-2

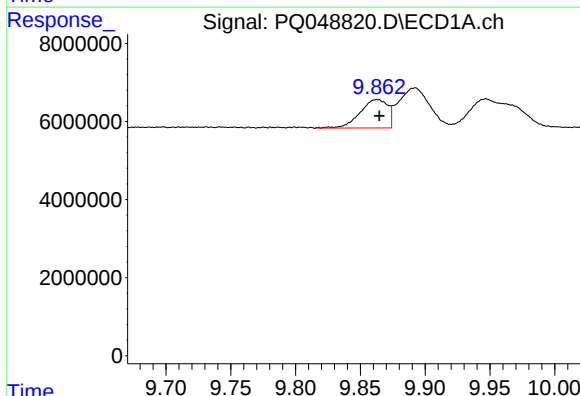
R.T.: 9.526 min
Delta R.T.: -0.002 min
Response: 41706386
Conc: 37.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



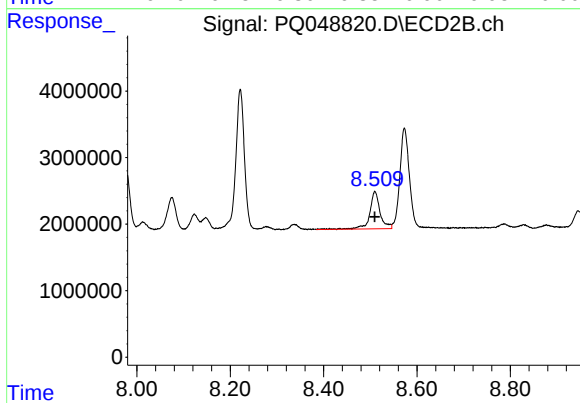
#37 AR-1262-2

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 27243940
Conc: 37.36 ng/ml



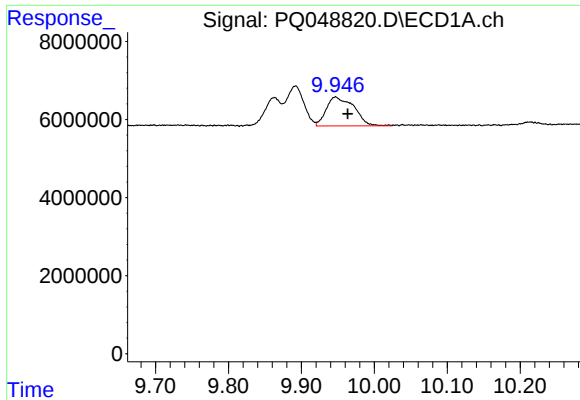
#38 AR-1262-3

R.T.: 9.863 min
Delta R.T.: -0.002 min
Response: 10819489
Conc: 22.02 ng/ml



#38 AR-1262-3

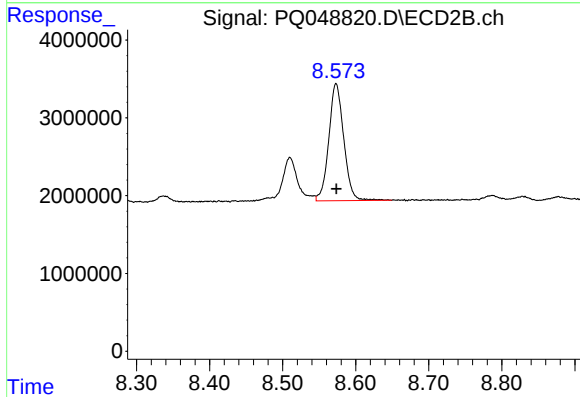
R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 8691467
Conc: 31.90 ng/ml



#39 AR-1262-4

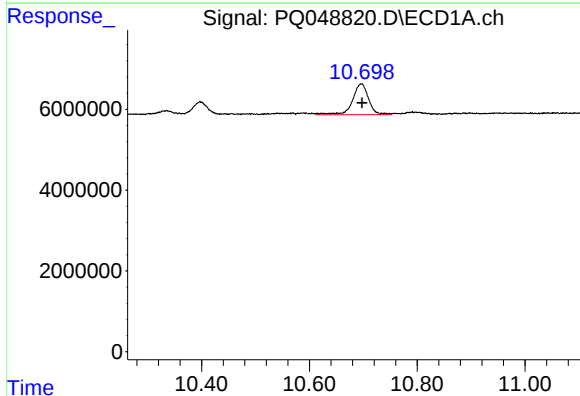
R.T.: 9.947 min
Delta R.T.: -0.016 min
Response: 19530921
Conc: 33.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



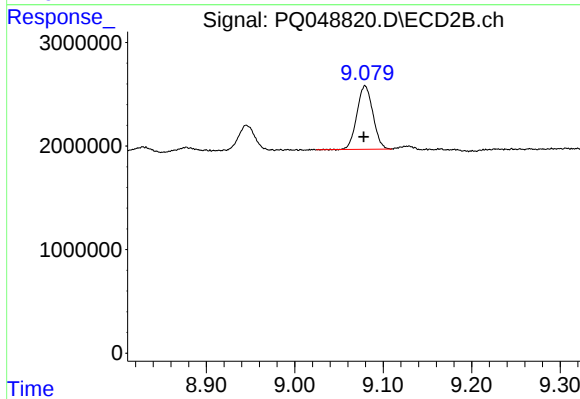
#39 AR-1262-4

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 21391278
Conc: 41.22 ng/ml



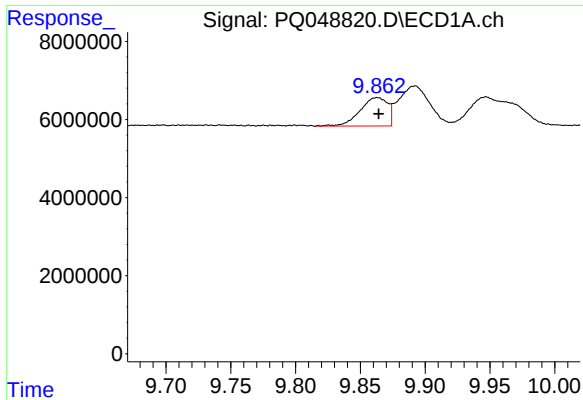
#40 AR-1262-5

R.T.: 10.696 min
Delta R.T.: -0.002 min
Response: 15888487
Conc: 37.87 ng/ml



#40 AR-1262-5

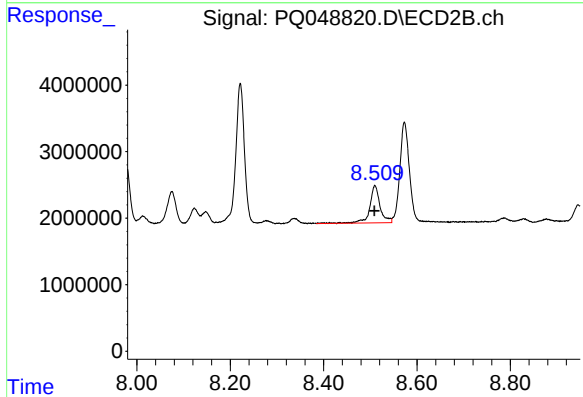
R.T.: 9.079 min
Delta R.T.: 0.001 min
Response: 7685183
Conc: 33.04 ng/ml



#41 AR-1268-1

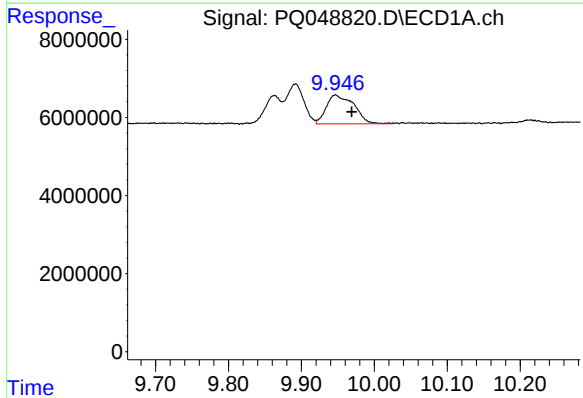
R.T.: 9.863 min
Delta R.T.: -0.001 min
Response: 10819489
Conc: 7.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



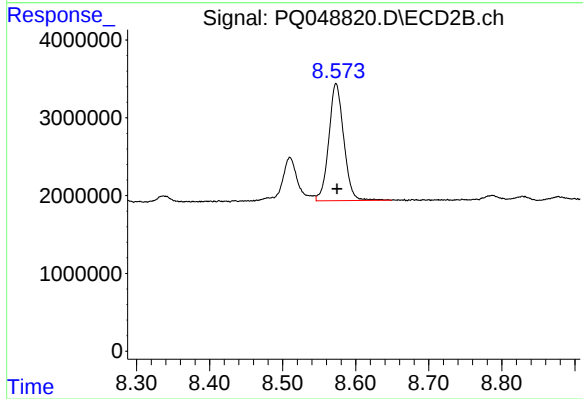
#41 AR-1268-1

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 8691467
Conc: 9.77 ng/ml



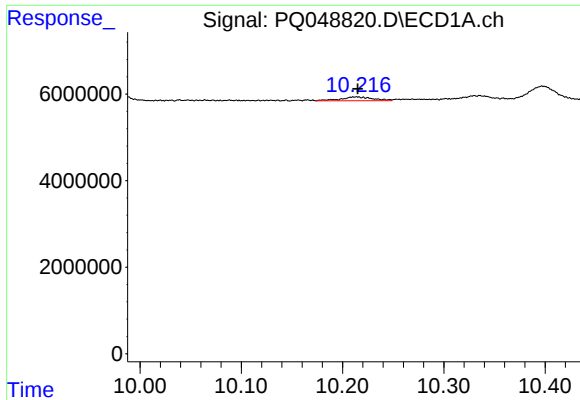
#42 AR-1268-2

R.T.: 9.947 min
Delta R.T.: -0.022 min
Response: 19530921
Conc: 14.21 ng/ml



#42 AR-1268-2

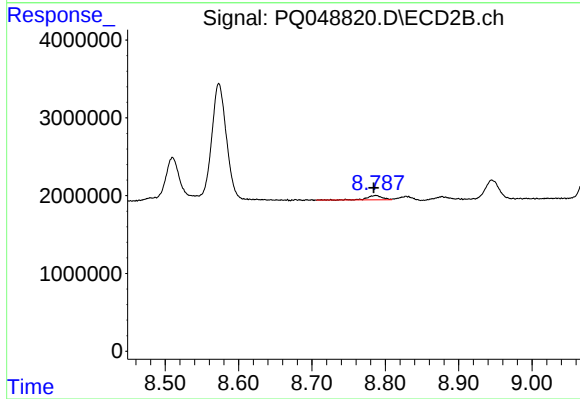
R.T.: 8.573 min
Delta R.T.: -0.001 min
Response: 21391278
Conc: 26.01 ng/ml



#43 AR-1268-3

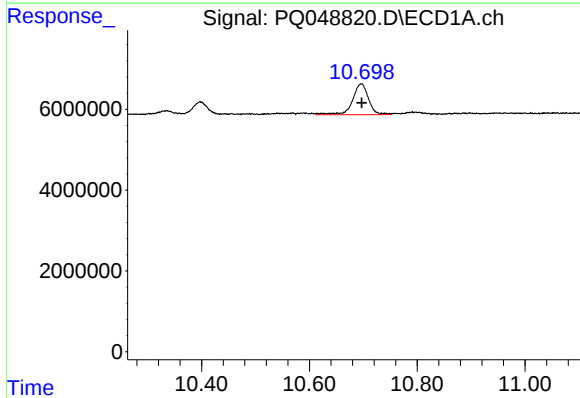
R.T.: 10.214 min
Delta R.T.: -0.001 min
Response: 2022998
Conc: 1.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



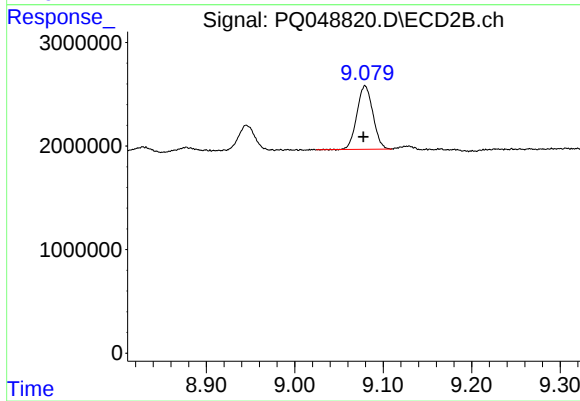
#43 AR-1268-3

R.T.: 8.786 min
Delta R.T.: 0.002 min
Response: 737791
Conc: 1.09 ng/ml



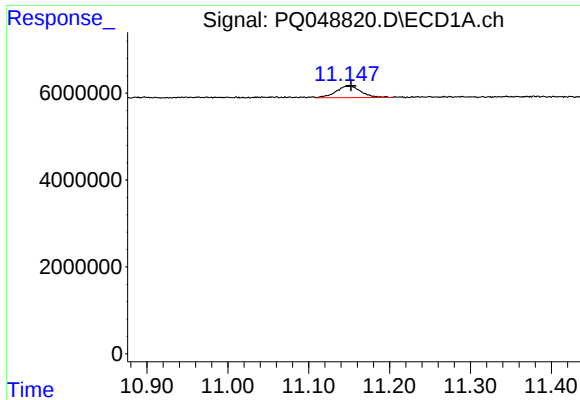
#44 AR-1268-4

R.T.: 10.696 min
Delta R.T.: -0.001 min
Response: 15888487
Conc: 30.95 ng/ml



#44 AR-1268-4

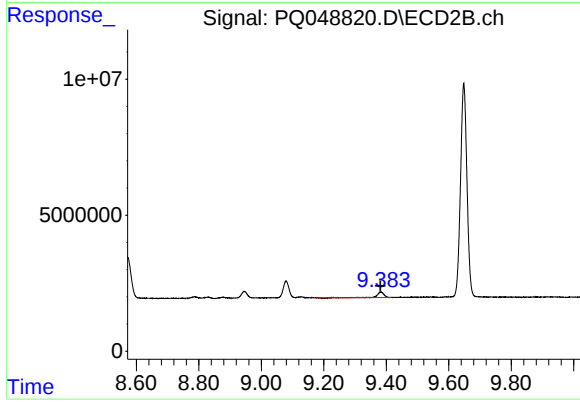
R.T.: 9.079 min
Delta R.T.: 0.002 min
Response: 7685183
Conc: 26.95 ng/ml



#45 AR-1268-5

R.T.: 11.149 min
Delta R.T.: -0.003 min
Response: 5759479
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.383 min
Delta R.T.: 0.001 min
Response: 3116442
Conc: 1.45 ng/ml