

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122619\
 Data File : PQ045948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2019 21:49
 Operator : SM\AJ
 Sample : K6431-10MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 03:58:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 27 03:51:29 2019
 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...	5.224	4.359	56219095	33641378	28.237	27.502
2)	SA Decachlor...	11.376	9.789	98074363	65740432	23.809	26.170
Target Compounds							
3)	L1 AR-1016-1	6.537	5.639	20184175	12362899	279.966	277.174
4)	L1 AR-1016-2	6.561	5.661	28916652	19285322	259.570	288.104
5)	L1 AR-1016-3	6.628	5.858	17377782	9344774	248.180	287.600
6)	L1 AR-1016-4	6.735	5.904	14052313	7723648	260.560	289.263
7)	L1 AR-1016-5	7.050	6.139	14764152	10537901	258.833	267.522
9)	L2 AR-1221-2	5.568	4.725	3210676	1638435	215.689	161.589 #
10)	L2 AR-1221-3	5.653	4.816	10259357	5640744	247.384	210.429
11)	L3 AR-1232-1	5.653	4.816	10259357	5640744	114.352	100.944
12)	L3 AR-1232-2	6.244	5.661	16247414	19285322	362.476	328.434
13)	L3 AR-1232-3	6.561	5.858	28916652	9344774	313.700	348.414
14)	L3 AR-1232-4	6.735	5.950	14052313	10159024	322.624	381.787
15)	L3 AR-1232-5	6.832	6.139	13140219	10537901	388.253	348.512
16)	L4 AR-1242-1	6.537	5.639	20184175	12362899	356.149	341.977
17)	L4 AR-1242-2	6.561	5.661	28916652	19285322	326.242	345.504
18)	L4 AR-1242-3	6.628	5.858	17377782	9344774	323.183	348.990
19)	L4 AR-1242-4	6.735	5.950	14052313	10159024	333.972	345.562
20)	L4 AR-1242-5	7.517	6.521	2711878	9059200	52.819	233.111 #
21)	L5 AR-1248-1	6.537	5.639	20184175	12362899	412.264	396.717
22)	L5 AR-1248-2	6.832	5.904	13140219	7723648	177.093	172.905
23)	L5 AR-1248-3	7.050	5.950	14764152	10159024	177.335	211.853
24)	L5 AR-1248-4	7.476	6.139	2624492	10537901	26.429	174.656 #
25)	L5 AR-1248-5	7.517	6.564	2711878	1442083	26.811	24.130
26)	L6 AR-1254-1	7.448	6.521	12196871	9059200	121.923	94.560
27)	L6 AR-1254-2	7.677	6.678	12539535	8797840	74.994	102.802 #
28)	L6 AR-1254-3	8.060	7.121	7178413	20903474	36.855	141.299 #
29)	L6 AR-1254-4	8.354	7.345	5811571	2457055	40.425	26.778 #
30)	L6 AR-1254-5	8.784	7.777	50829289	36374999	296.838	265.201
31)	L7 AR-1260-1	8.228	7.242	34848995	26863184	279.207	310.832
32)	L7 AR-1260-2	8.491	7.435	41695241	29966700	269.550	278.979
33)	L7 AR-1260-3	8.859	7.598	28227301	28580770	218.388	286.905 #
34)	L7 AR-1260-4	9.099	8.084	35373631	22681315	217.181	243.762
35)	L7 AR-1260-5	9.441	8.328	72867396	57339023	216.054	239.385
36)	L8 AR-1262-1	8.859	7.777	28227301	36374999	128.100	464.188 #
37)	L8 AR-1262-2	9.441	8.328	72867396	57339023	173.181	177.049
38)	L8 AR-1262-3	9.791	8.619	48811052	11653282	164.600	93.111 #
39)	L8 AR-1262-4	9.868	8.684	9626267	42679964	41.309	169.779 #
40)	L8 AR-1262-5	10.571	9.200	20486284	14635616	111.118	123.471
41)	L9 AR-1268-1	9.791	8.619	48811052	11653282	97.536	31.874 #
42)	L9 AR-1268-2	9.868	8.684	9626267	42679964	20.345	120.906 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122619\
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 Acq On : 26 Dec 2019 21:49
 Operator : SM\AJ
 Sample : K6431-10MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

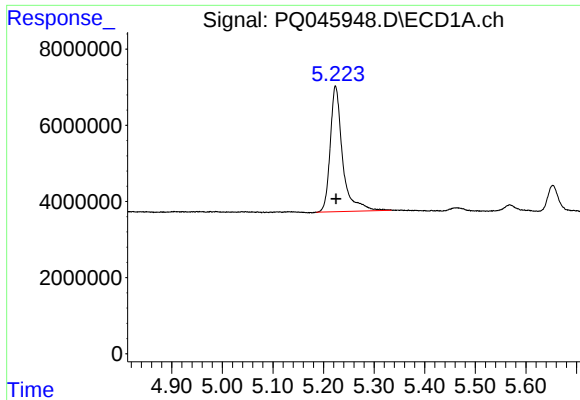
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 03:58:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122619.M
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 Response via : Initial Calibration
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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
43) L9	AR-1268-3	10.115	8.896	2104033	936733	5.074	3.300 #
44) L9	AR-1268-4	10.571	9.200	20486284	14635616	105.727	114.460
45) L9	AR-1268-5	11.013	9.512	7416436	4526372	4.610	4.219

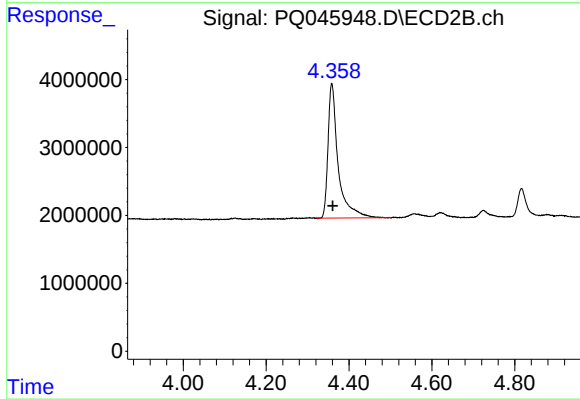
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

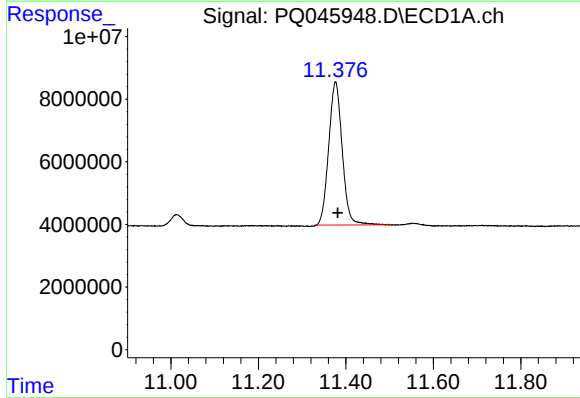
R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 56219095
Conc: 28.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



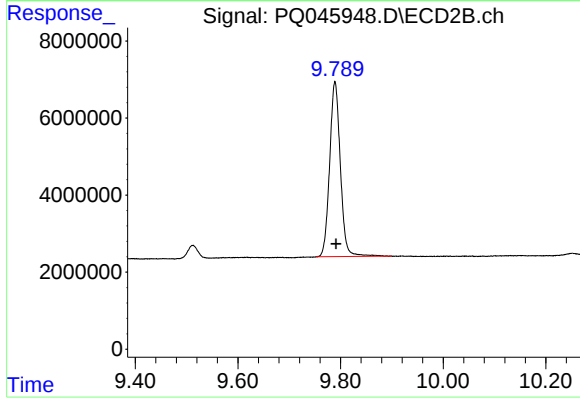
#1 Tetrachloro-m-xylene

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 33641378
Conc: 27.50 ng/ml



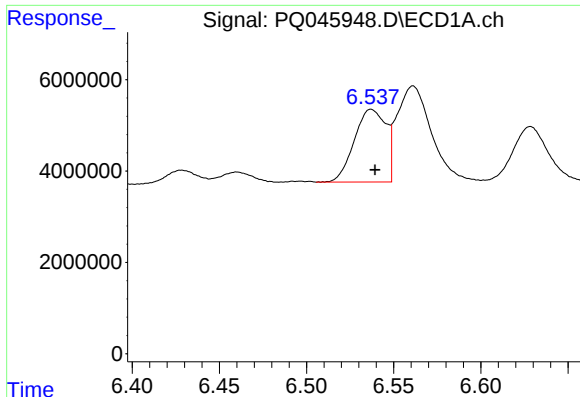
#2 Decachlorobiphenyl

R.T.: 11.376 min
Delta R.T.: -0.005 min
Response: 98074363
Conc: 23.81 ng/ml



#2 Decachlorobiphenyl

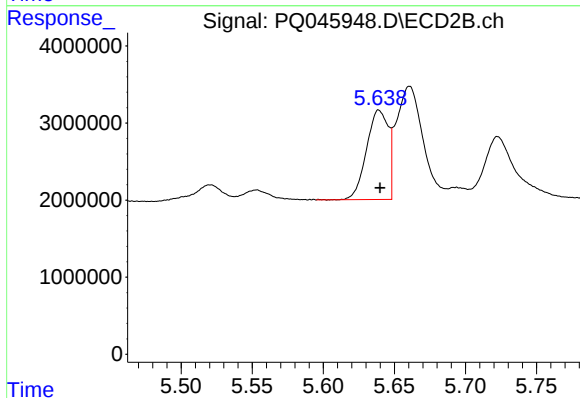
R.T.: 9.789 min
Delta R.T.: -0.002 min
Response: 65740432
Conc: 26.17 ng/ml



#3 AR-1016-1

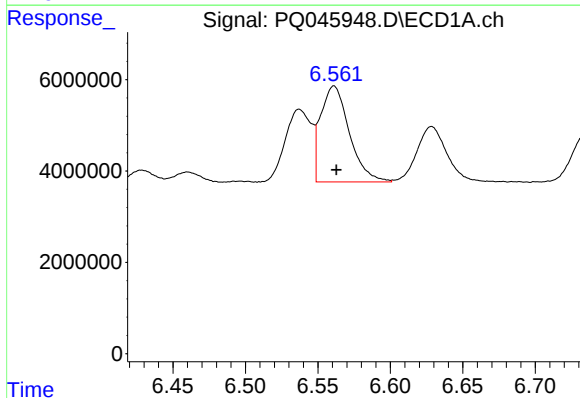
R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 20184175
Conc: 279.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



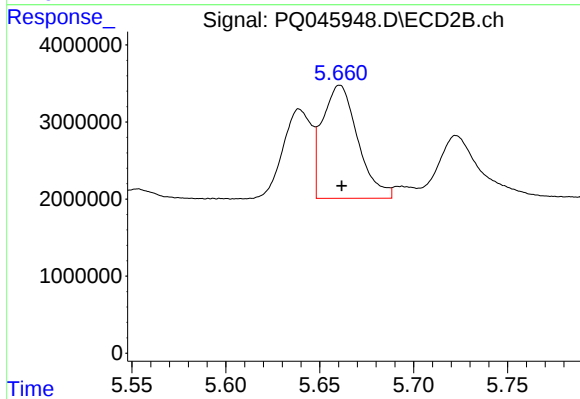
#3 AR-1016-1

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 12362899
Conc: 277.17 ng/ml



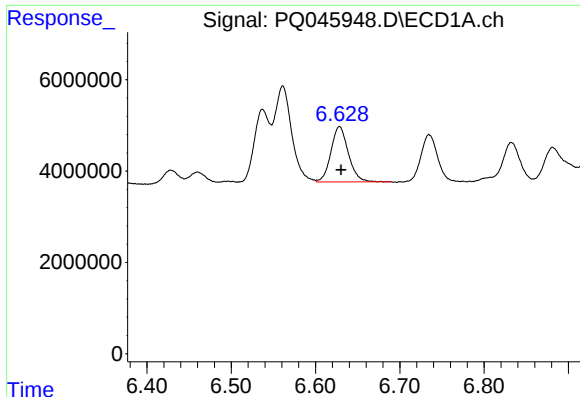
#4 AR-1016-2

R.T.: 6.561 min
Delta R.T.: -0.002 min
Response: 28916652
Conc: 259.57 ng/ml



#4 AR-1016-2

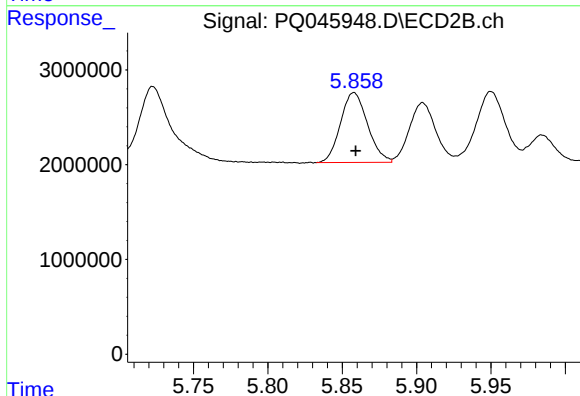
R.T.: 5.661 min
Delta R.T.: -0.001 min
Response: 19285322
Conc: 288.10 ng/ml



#5 AR-1016-3

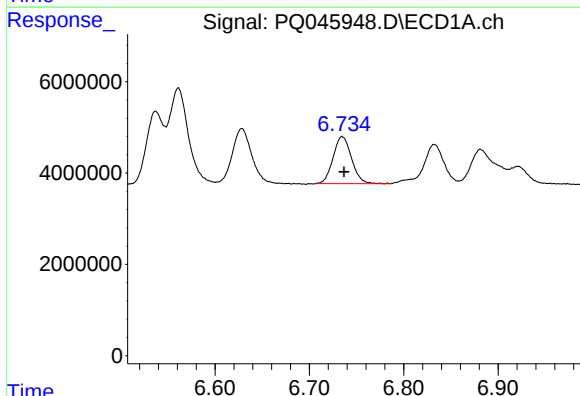
R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 17377782
Conc: 248.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



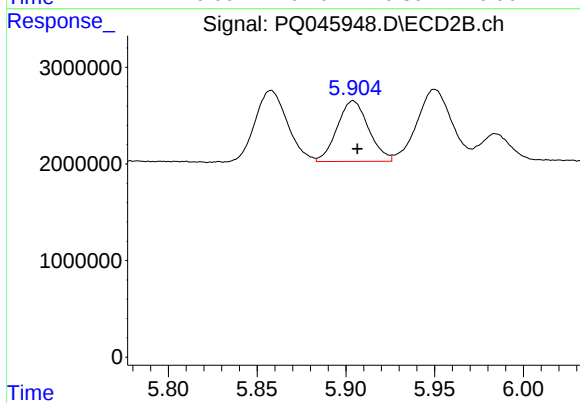
#5 AR-1016-3

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 9344774
Conc: 287.60 ng/ml



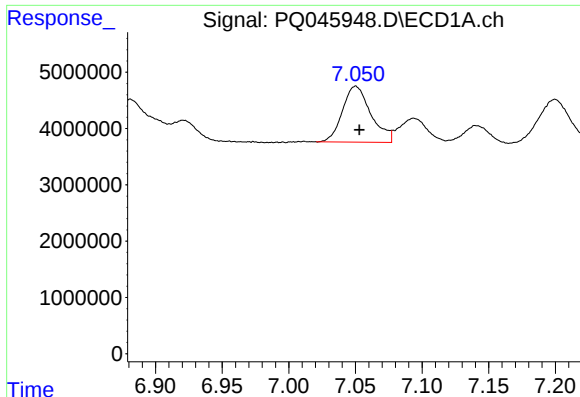
#6 AR-1016-4

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 14052313
Conc: 260.56 ng/ml



#6 AR-1016-4

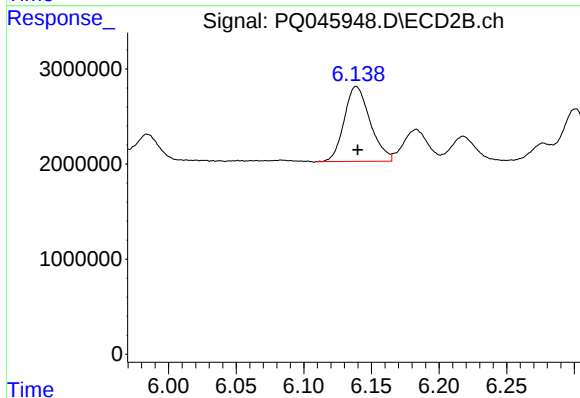
R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 7723648
Conc: 289.26 ng/ml



#7 AR-1016-5

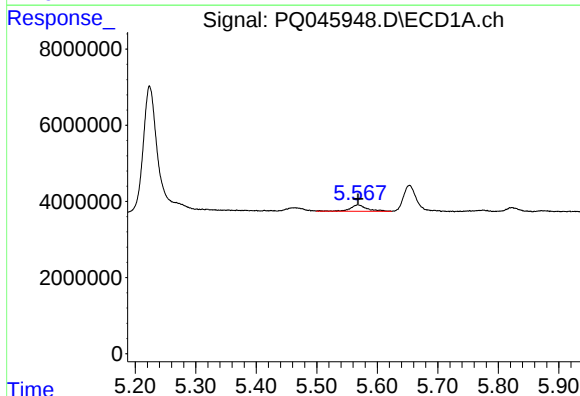
R.T.: 7.050 min
Delta R.T.: -0.003 min
Response: 14764152
Conc: 258.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



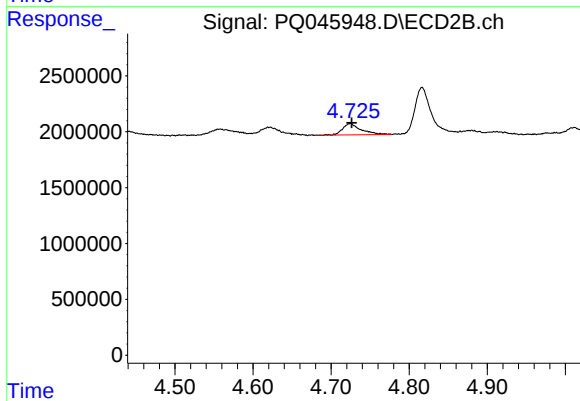
#7 AR-1016-5

R.T.: 6.139 min
Delta R.T.: -0.001 min
Response: 10537901
Conc: 267.52 ng/ml



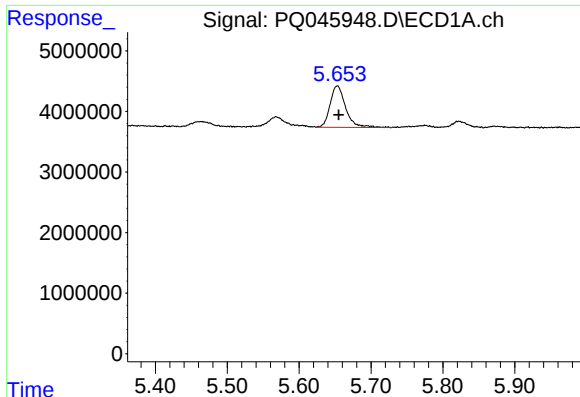
#9 AR-1221-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 3210676
Conc: 215.69 ng/ml



#9 AR-1221-2

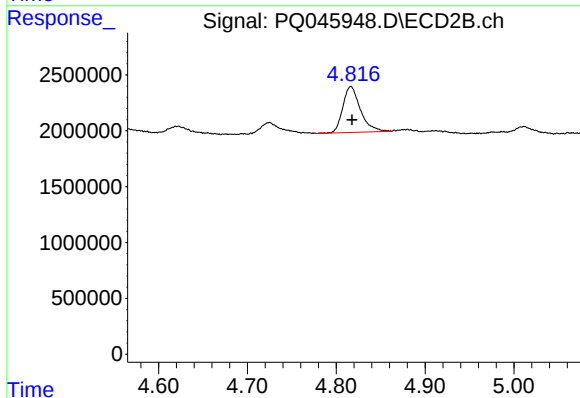
R.T.: 4.725 min
Delta R.T.: -0.002 min
Response: 1638435
Conc: 161.59 ng/ml



#10 AR-1221-3

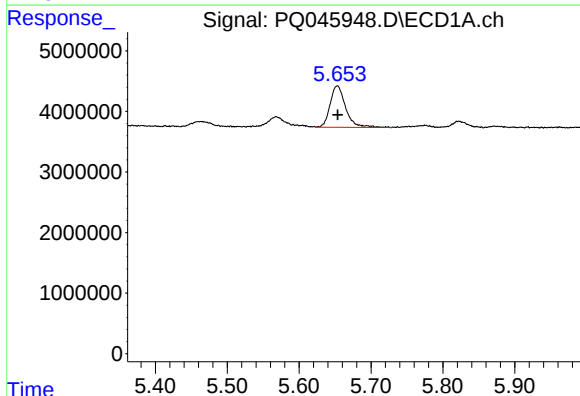
R.T.: 5.653 min
Delta R.T.: -0.002 min
Response: 10259357
Conc: 247.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



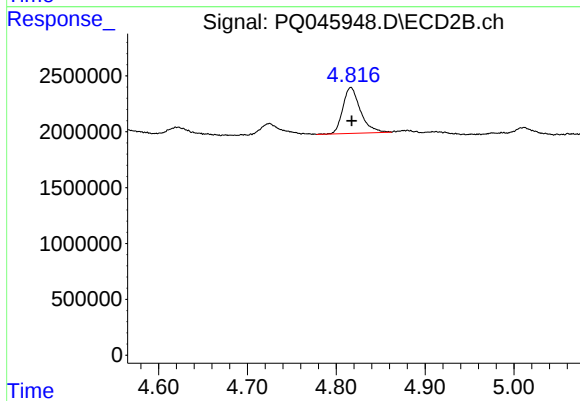
#10 AR-1221-3

R.T.: 4.816 min
Delta R.T.: -0.001 min
Response: 5640744
Conc: 210.43 ng/ml



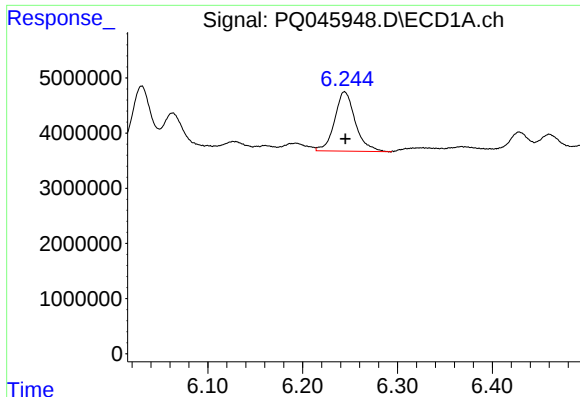
#11 AR-1232-1

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 10259357
Conc: 114.35 ng/ml



#11 AR-1232-1

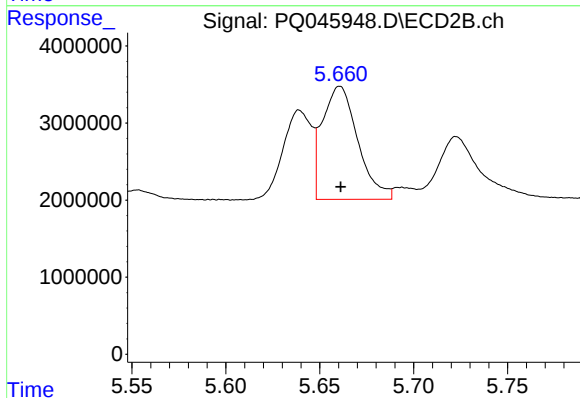
R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 5640744
Conc: 100.94 ng/ml



#12 AR-1232-2

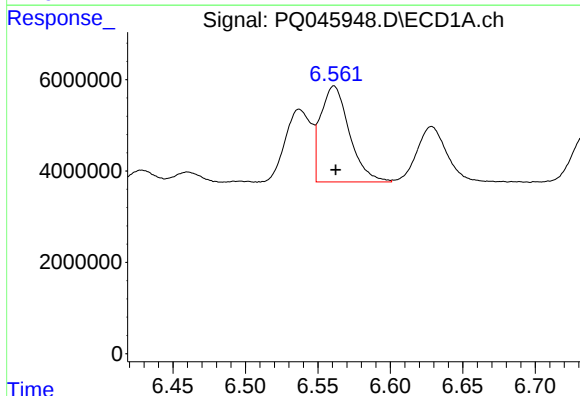
R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 16247414
Conc: 362.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



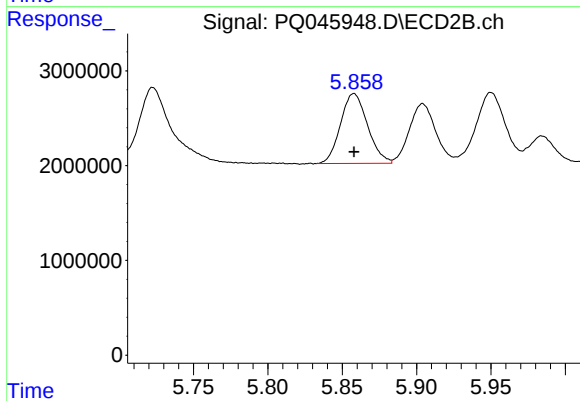
#12 AR-1232-2

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 19285322
Conc: 328.43 ng/ml



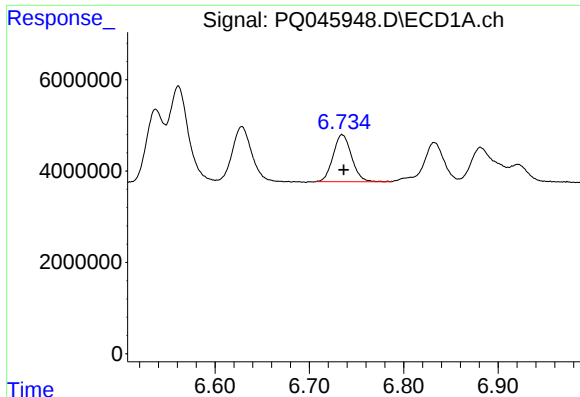
#13 AR-1232-3

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 28916652
Conc: 313.70 ng/ml



#13 AR-1232-3

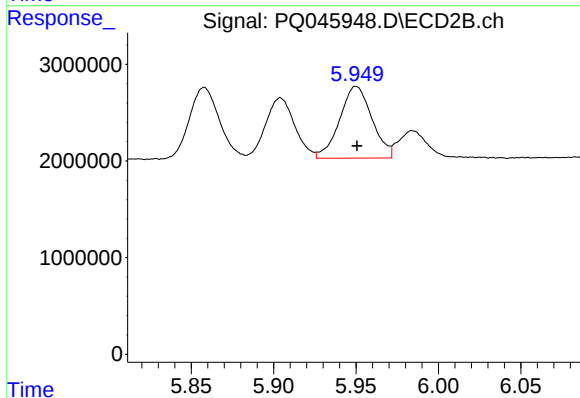
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 9344774
Conc: 348.41 ng/ml



#14 AR-1232-4

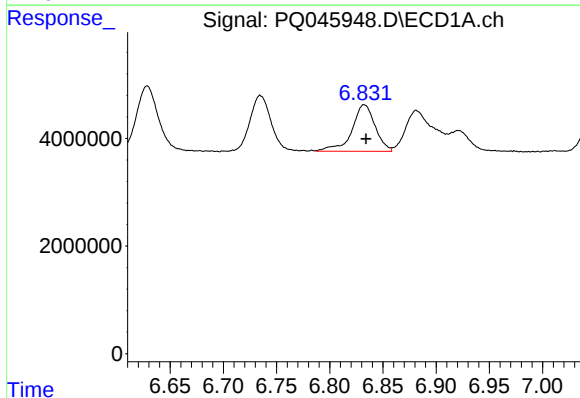
R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 14052313
Conc: 322.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



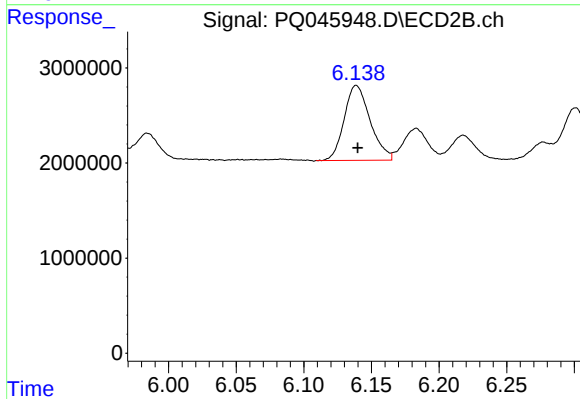
#14 AR-1232-4

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 10159024
Conc: 381.79 ng/ml



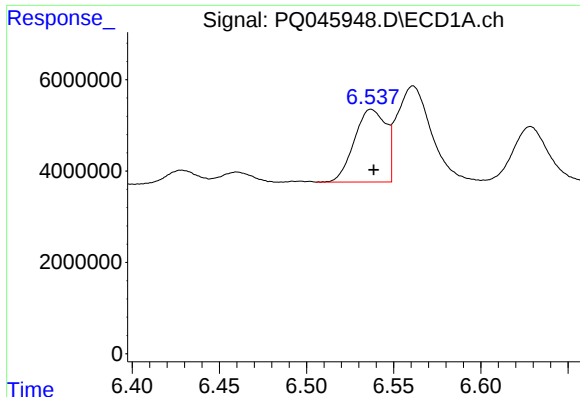
#15 AR-1232-5

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 13140219
Conc: 388.25 ng/ml



#15 AR-1232-5

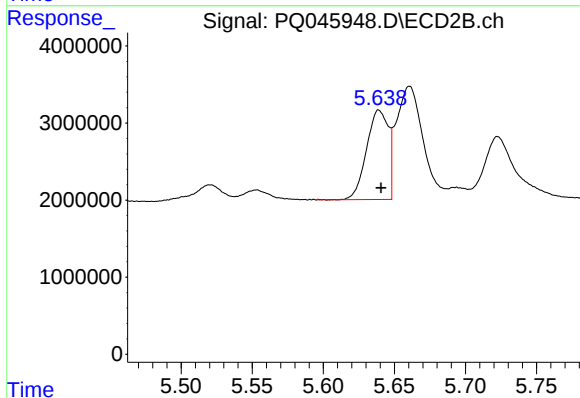
R.T.: 6.139 min
Delta R.T.: -0.001 min
Response: 10537901
Conc: 348.51 ng/ml



#16 AR-1242-1

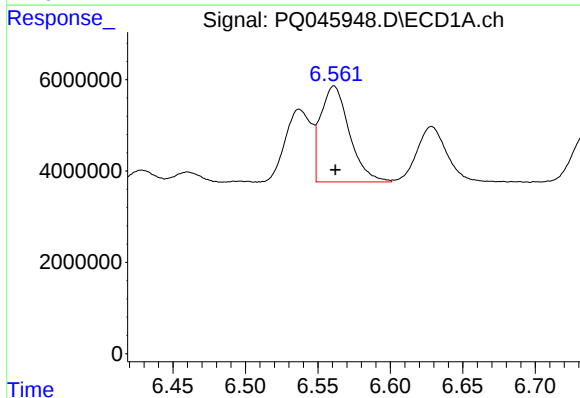
R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 20184175
Conc: 356.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



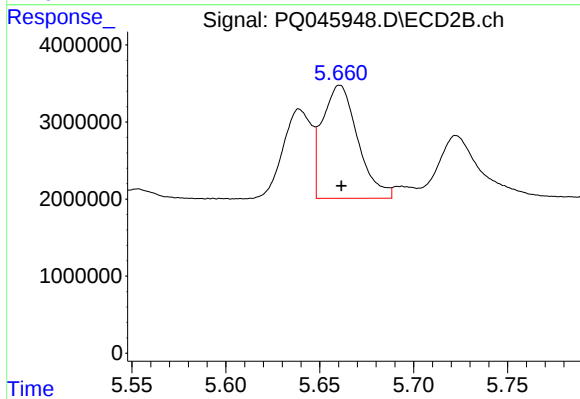
#16 AR-1242-1

R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 12362899
Conc: 341.98 ng/ml



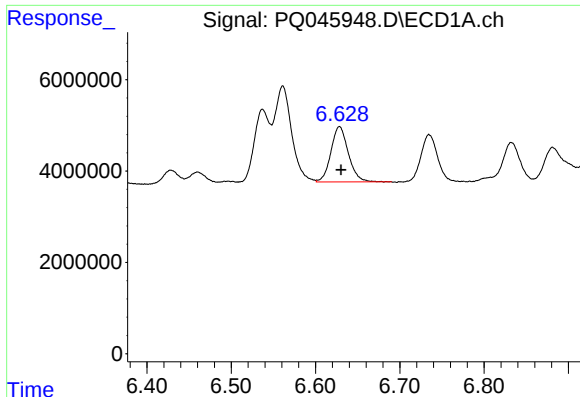
#17 AR-1242-2

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 28916652
Conc: 326.24 ng/ml



#17 AR-1242-2

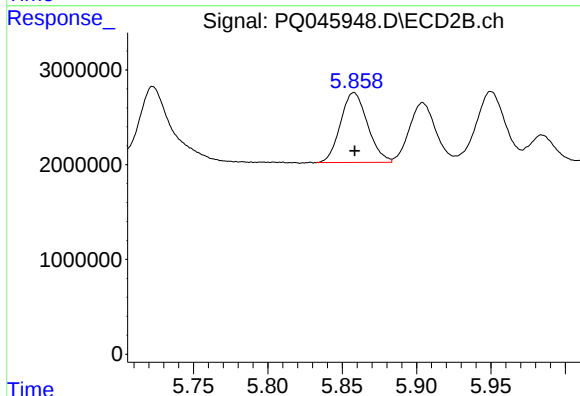
R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 19285322
Conc: 345.50 ng/ml



#18 AR-1242-3

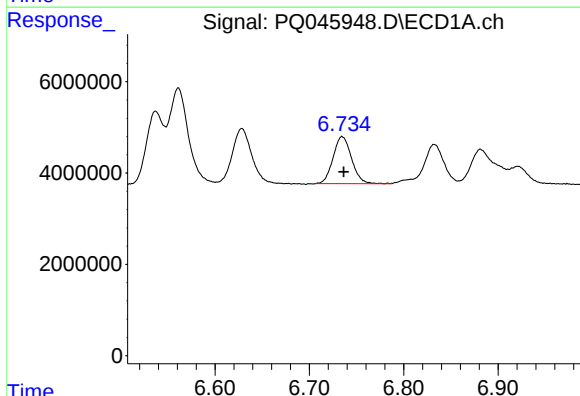
R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 17377782
Conc: 323.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



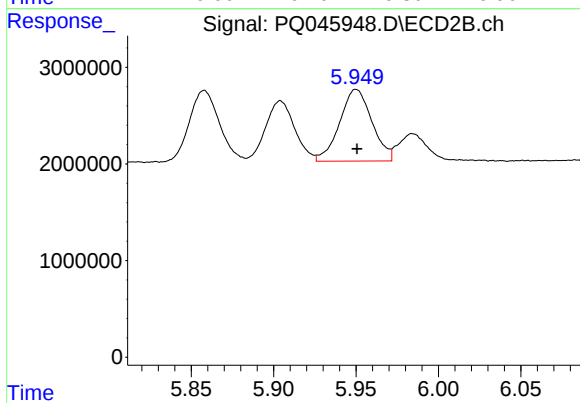
#18 AR-1242-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 9344774
Conc: 348.99 ng/ml



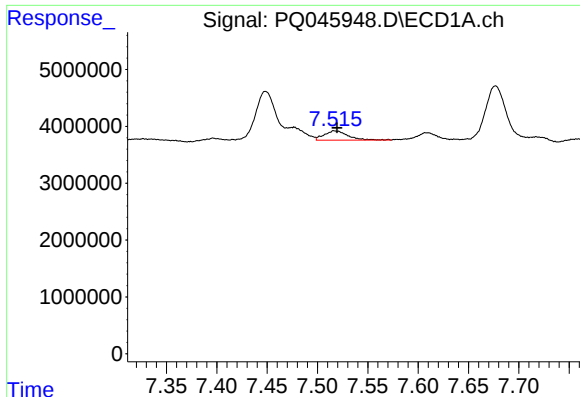
#19 AR-1242-4

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 14052313
Conc: 333.97 ng/ml



#19 AR-1242-4

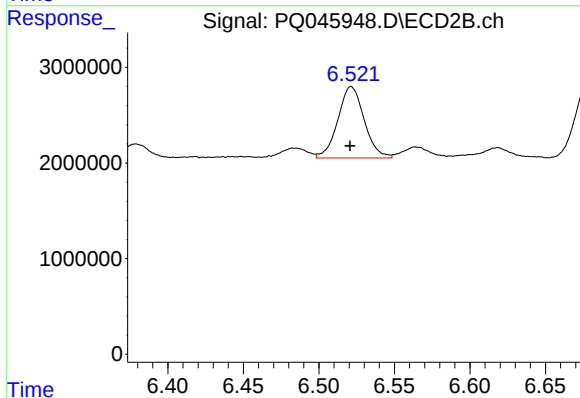
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 10159024
Conc: 345.56 ng/ml



#20 AR-1242-5

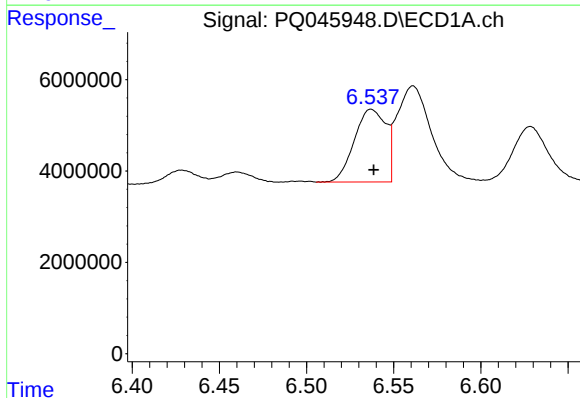
R.T.: 7.517 min
Delta R.T.: -0.003 min
Response: 2711878
Conc: 52.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



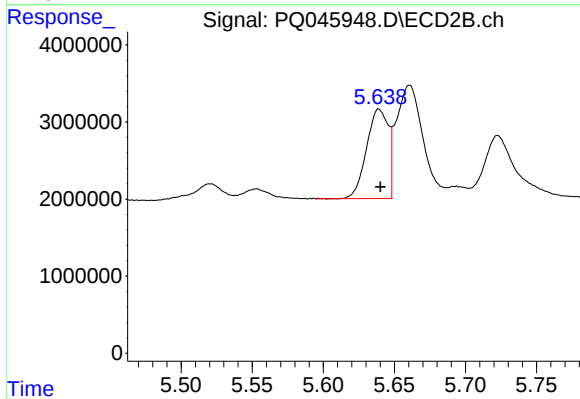
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 9059200
Conc: 233.11 ng/ml



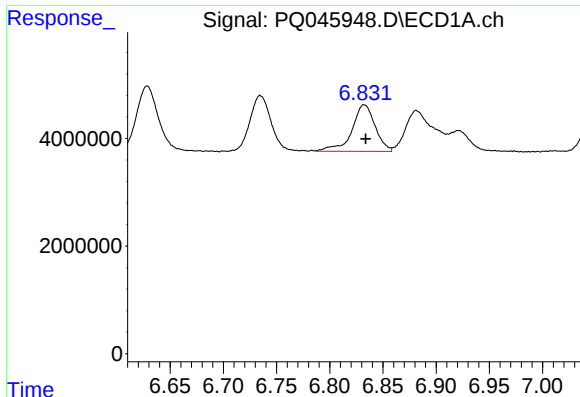
#21 AR-1248-1

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 20184175
Conc: 412.26 ng/ml



#21 AR-1248-1

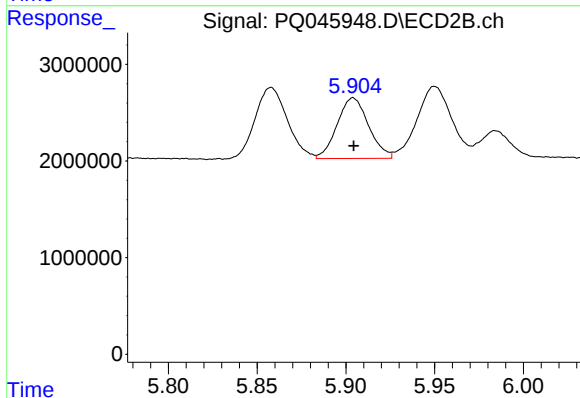
R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 12362899
Conc: 396.72 ng/ml



#22 AR-1248-2

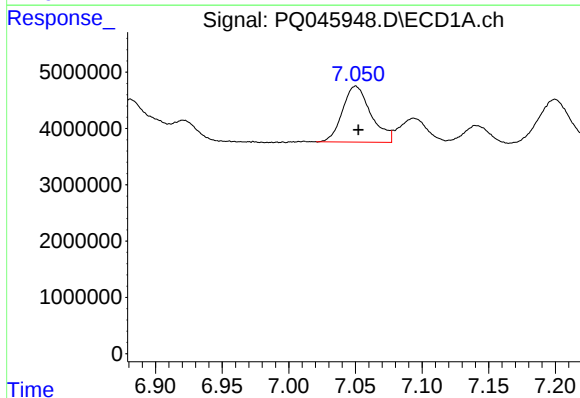
R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 13140219
Conc: 177.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



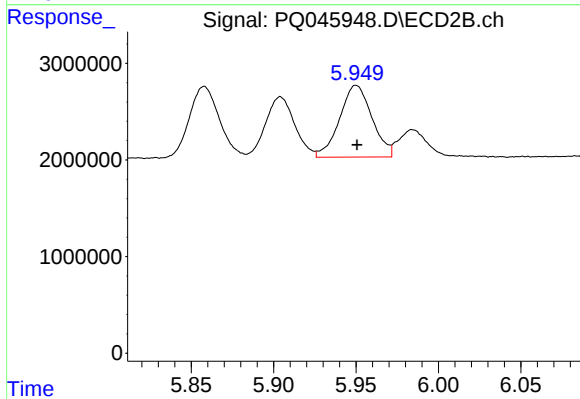
#22 AR-1248-2

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 7723648
Conc: 172.90 ng/ml



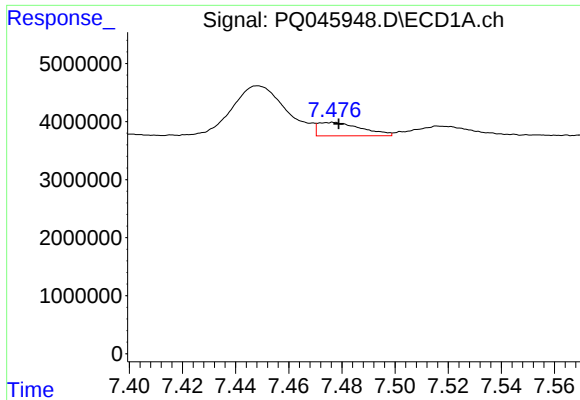
#23 AR-1248-3

R.T.: 7.050 min
Delta R.T.: -0.002 min
Response: 14764152
Conc: 177.33 ng/ml



#23 AR-1248-3

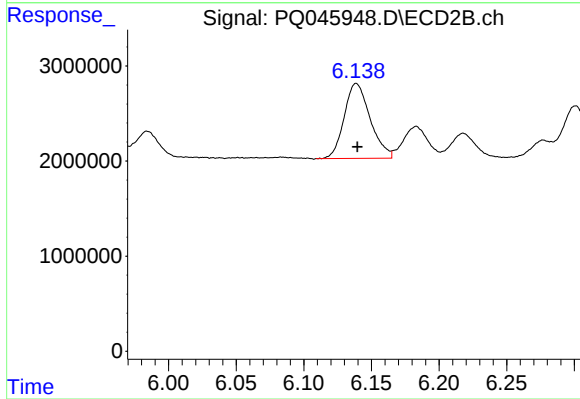
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 10159024
Conc: 211.85 ng/ml



#24 AR-1248-4

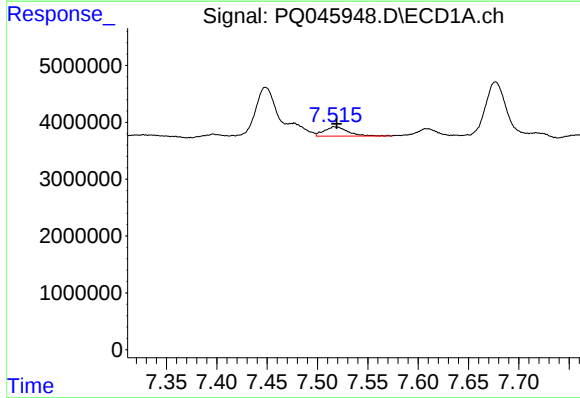
R.T.: 7.476 min
Delta R.T.: -0.002 min
Response: 2624492
Conc: 26.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



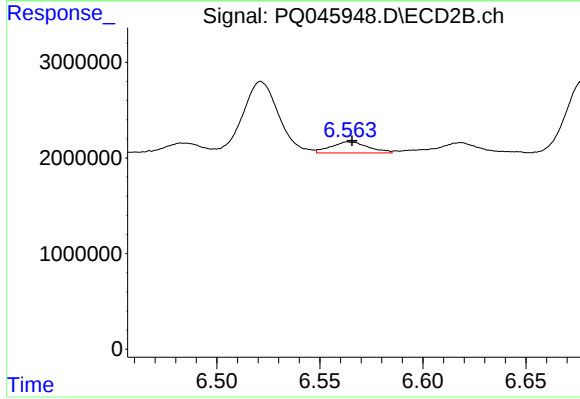
#24 AR-1248-4

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 10537901
Conc: 174.66 ng/ml



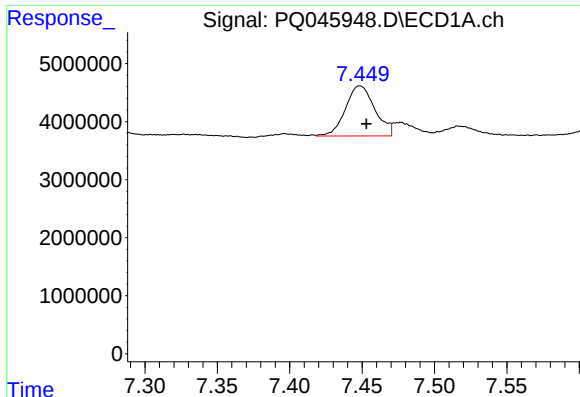
#25 AR-1248-5

R.T.: 7.517 min
Delta R.T.: -0.002 min
Response: 2711878
Conc: 26.81 ng/ml



#25 AR-1248-5

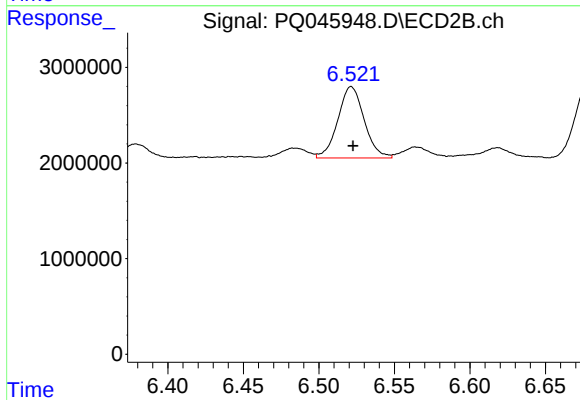
R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 1442083
Conc: 24.13 ng/ml



#26 AR-1254-1

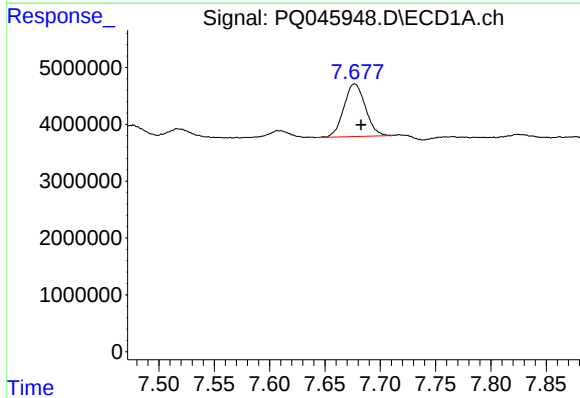
R.T.: 7.448 min
Delta R.T.: -0.005 min
Response: 12196871
Conc: 121.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



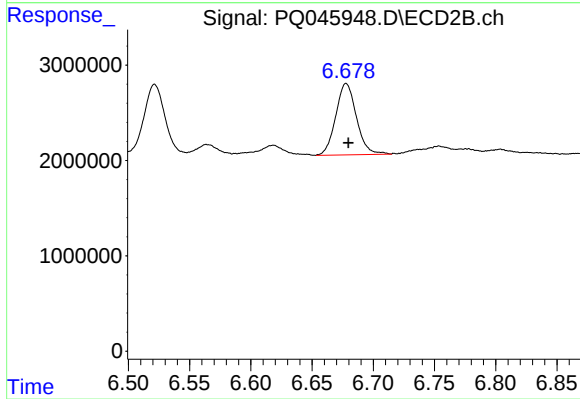
#26 AR-1254-1

R.T.: 6.521 min
Delta R.T.: -0.001 min
Response: 9059200
Conc: 94.56 ng/ml



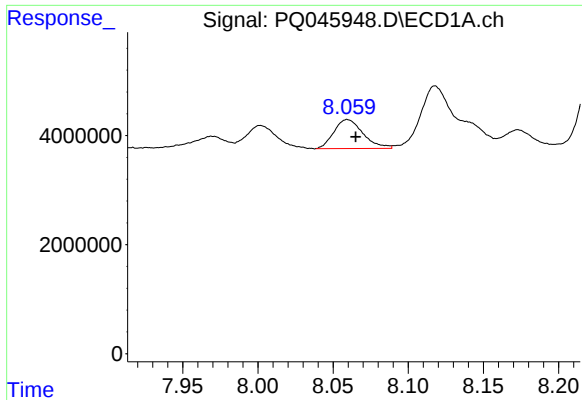
#27 AR-1254-2

R.T.: 7.677 min
Delta R.T.: -0.006 min
Response: 12539535
Conc: 74.99 ng/ml



#27 AR-1254-2

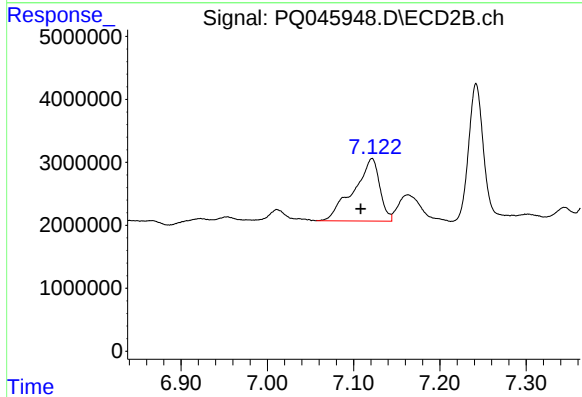
R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 8797840
Conc: 102.80 ng/ml



#28 AR-1254-3

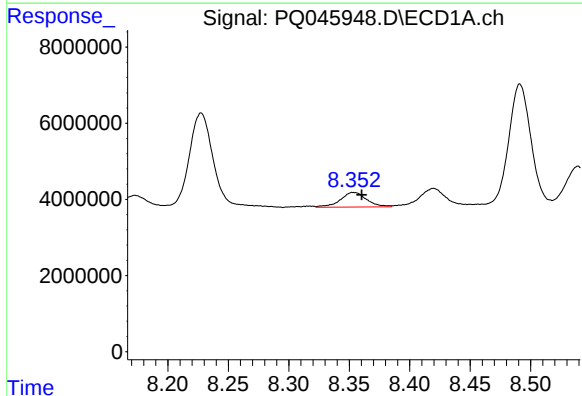
R.T.: 8.060 min
Delta R.T.: -0.006 min
Response: 7178413
Conc: 36.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



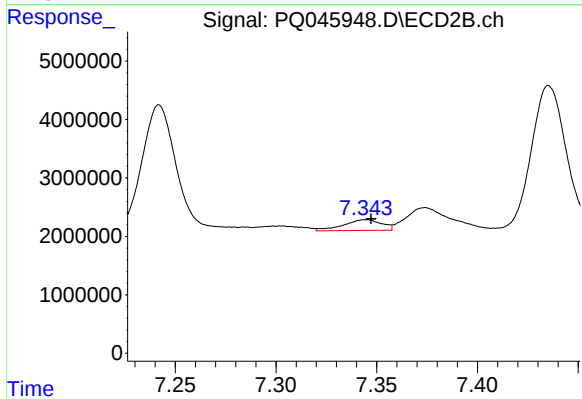
#28 AR-1254-3

R.T.: 7.121 min
Delta R.T.: 0.013 min
Response: 20903474
Conc: 141.30 ng/ml



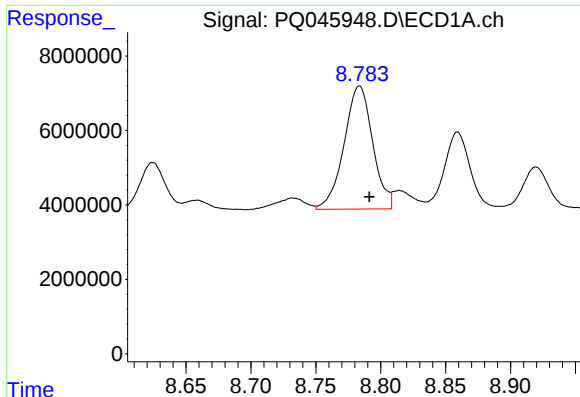
#29 AR-1254-4

R.T.: 8.354 min
Delta R.T.: -0.007 min
Response: 5811571
Conc: 40.42 ng/ml



#29 AR-1254-4

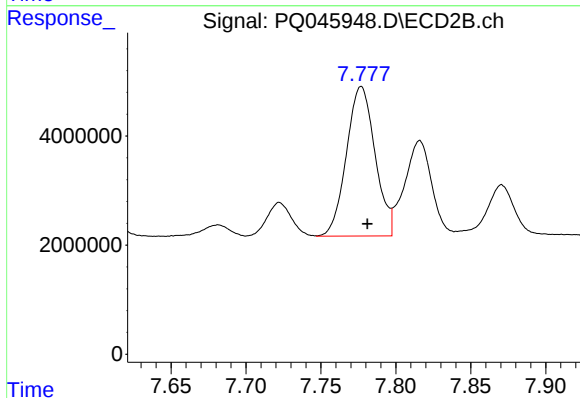
R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 2457055
Conc: 26.78 ng/ml



#30 AR-1254-5

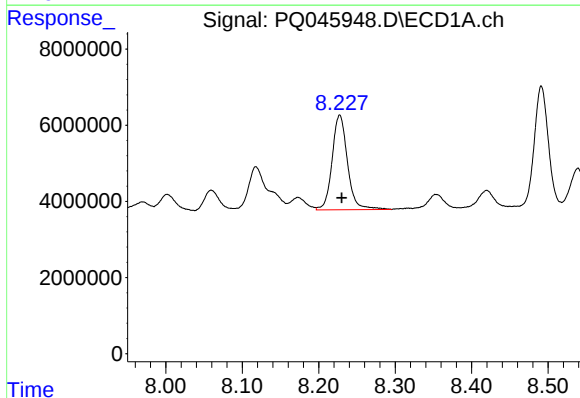
R.T.: 8.784 min
Delta R.T.: -0.008 min
Response: 50829289
Conc: 296.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



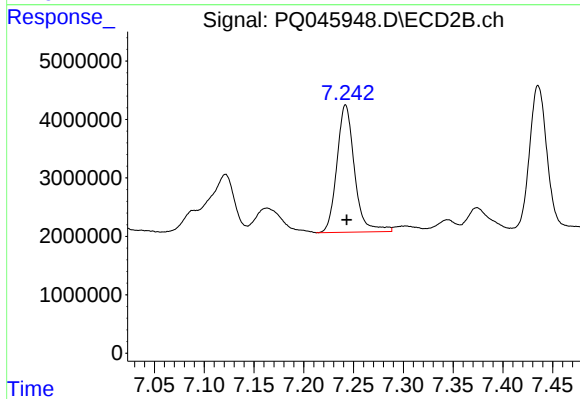
#30 AR-1254-5

R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 36374999
Conc: 265.20 ng/ml



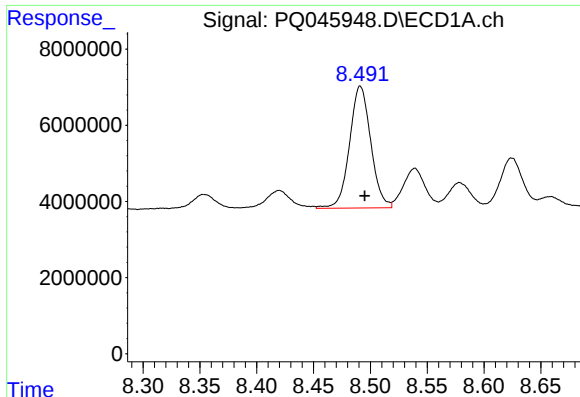
#31 AR-1260-1

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 34848995
Conc: 279.21 ng/ml



#31 AR-1260-1

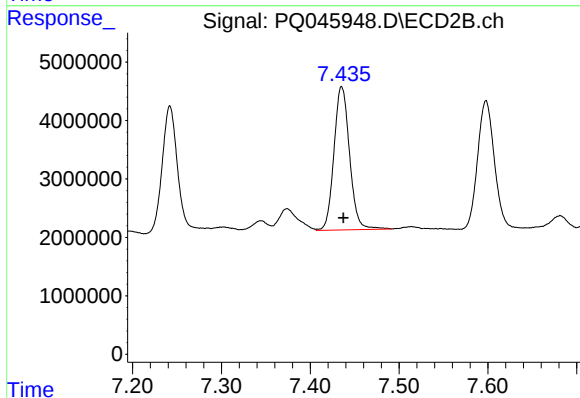
R.T.: 7.242 min
Delta R.T.: -0.001 min
Response: 26863184
Conc: 310.83 ng/ml



#32 AR-1260-2

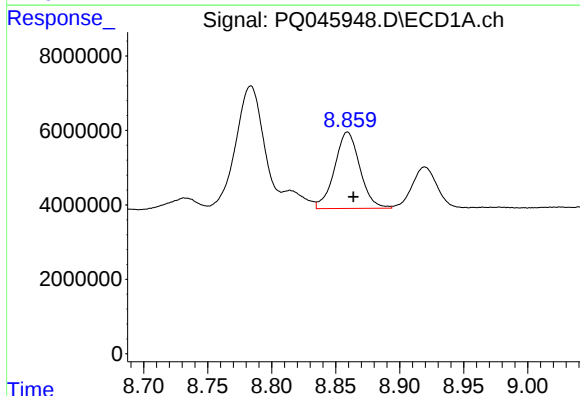
R.T.: 8.491 min
Delta R.T.: -0.004 min
Response: 41695241
Conc: 269.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



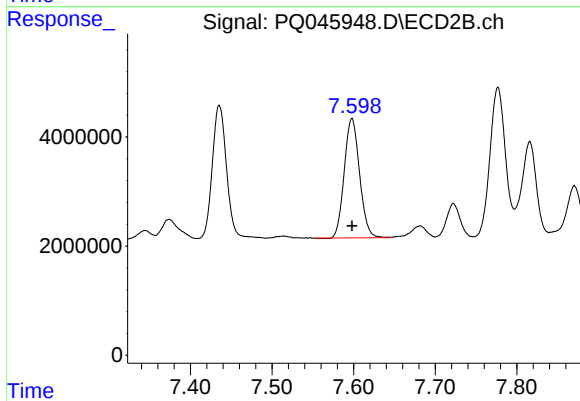
#32 AR-1260-2

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 29966700
Conc: 278.98 ng/ml



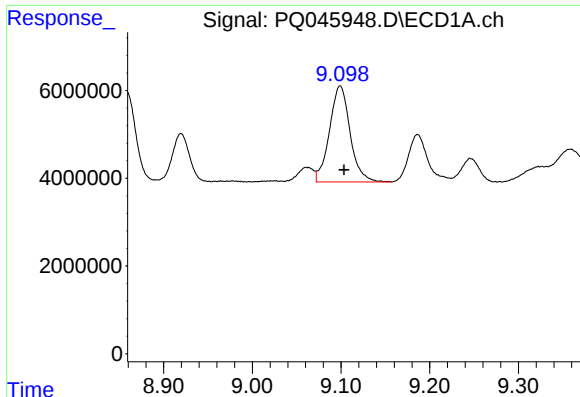
#33 AR-1260-3

R.T.: 8.859 min
Delta R.T.: -0.005 min
Response: 28227301
Conc: 218.39 ng/ml



#33 AR-1260-3

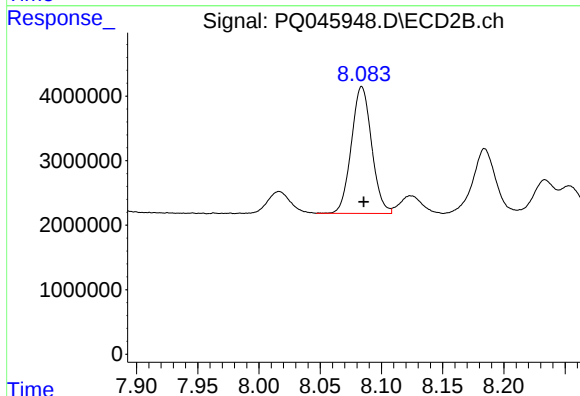
R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 28580770
Conc: 286.91 ng/ml



#34 AR-1260-4

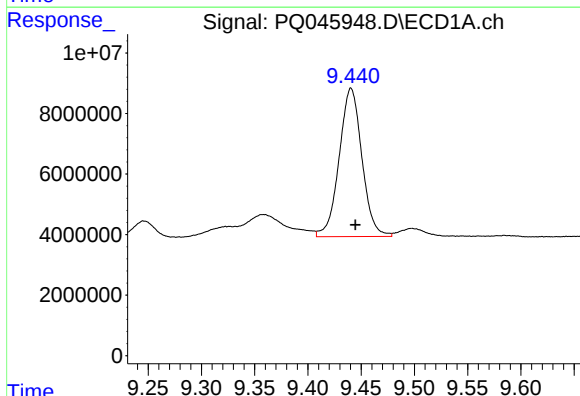
R.T.: 9.099 min
Delta R.T.: -0.004 min
Response: 35373631
Conc: 217.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



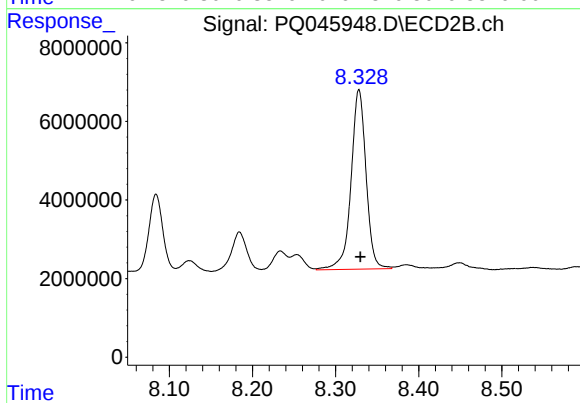
#34 AR-1260-4

R.T.: 8.084 min
Delta R.T.: -0.002 min
Response: 22681315
Conc: 243.76 ng/ml



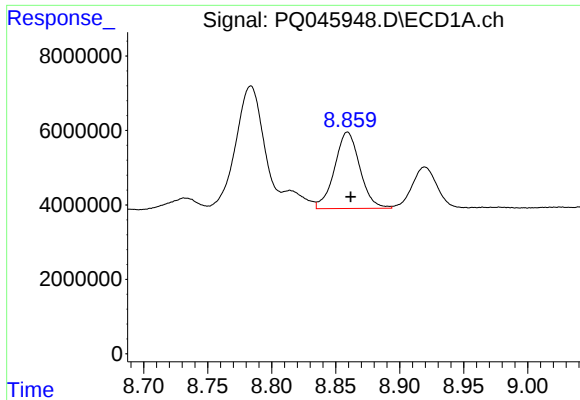
#35 AR-1260-5

R.T.: 9.441 min
Delta R.T.: -0.004 min
Response: 72867396
Conc: 216.05 ng/ml



#35 AR-1260-5

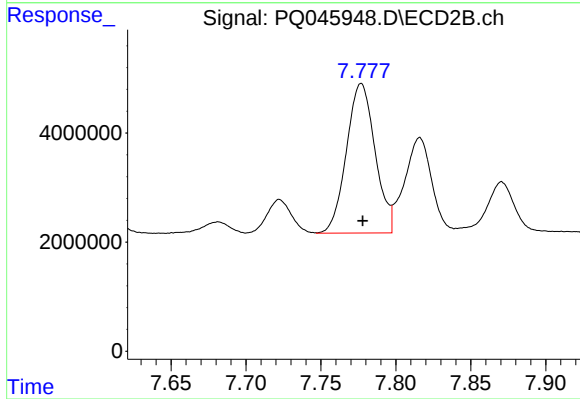
R.T.: 8.328 min
Delta R.T.: -0.002 min
Response: 57339023
Conc: 239.39 ng/ml



#36 AR-1262-1

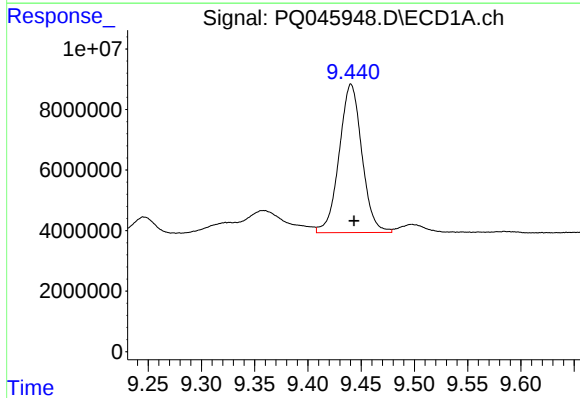
R.T.: 8.859 min
Delta R.T.: -0.003 min
Response: 28227301
Conc: 128.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



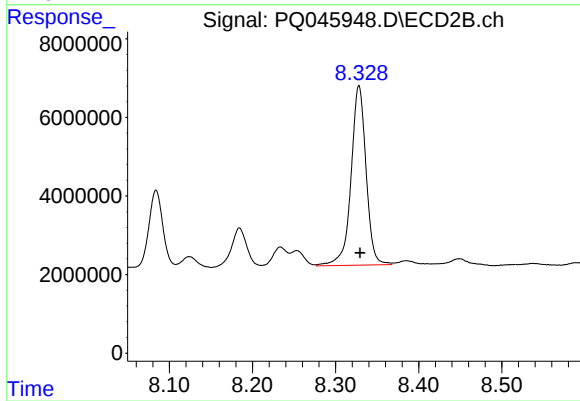
#36 AR-1262-1

R.T.: 7.777 min
Delta R.T.: -0.001 min
Response: 36374999
Conc: 464.19 ng/ml



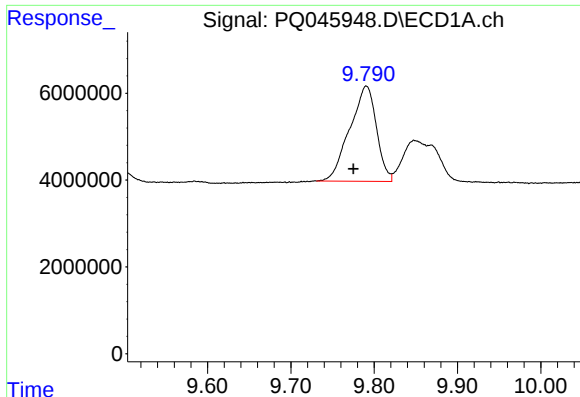
#37 AR-1262-2

R.T.: 9.441 min
Delta R.T.: -0.003 min
Response: 72867396
Conc: 173.18 ng/ml



#37 AR-1262-2

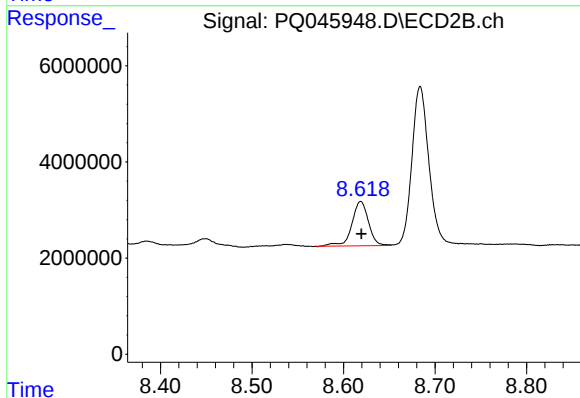
R.T.: 8.328 min
Delta R.T.: -0.001 min
Response: 57339023
Conc: 177.05 ng/ml



#38 AR-1262-3

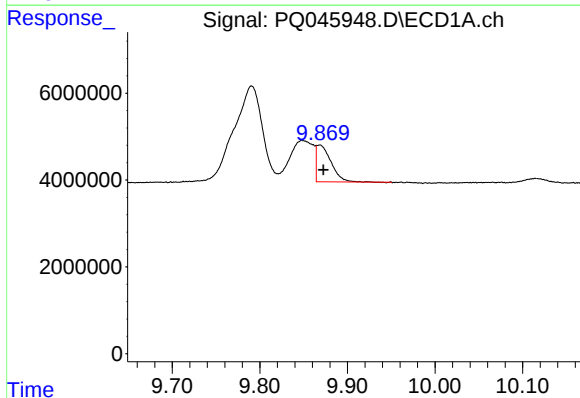
R.T.: 9.791 min
Delta R.T.: 0.016 min
Response: 48811052
Conc: 164.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



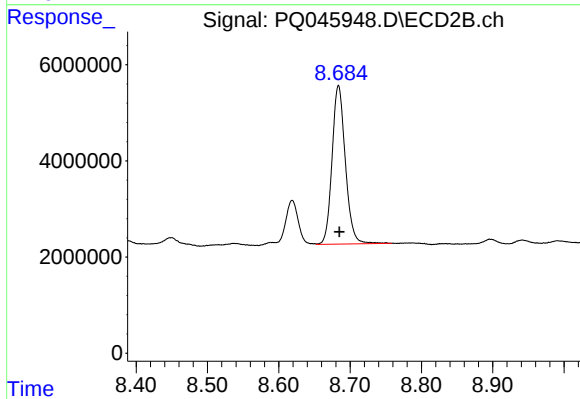
#38 AR-1262-3

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 11653282
Conc: 93.11 ng/ml



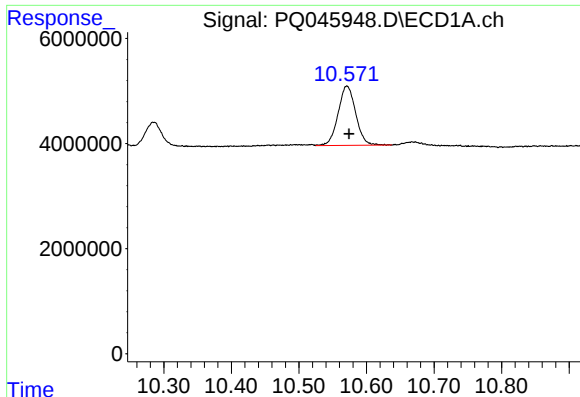
#39 AR-1262-4

R.T.: 9.868 min
Delta R.T.: -0.005 min
Response: 9626267
Conc: 41.31 ng/ml



#39 AR-1262-4

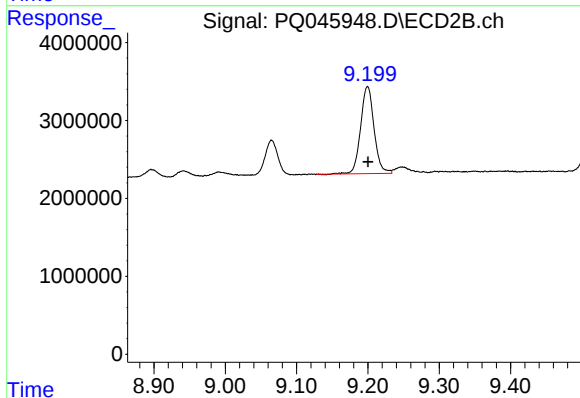
R.T.: 8.684 min
Delta R.T.: -0.001 min
Response: 42679964
Conc: 169.78 ng/ml



#40 AR-1262-5

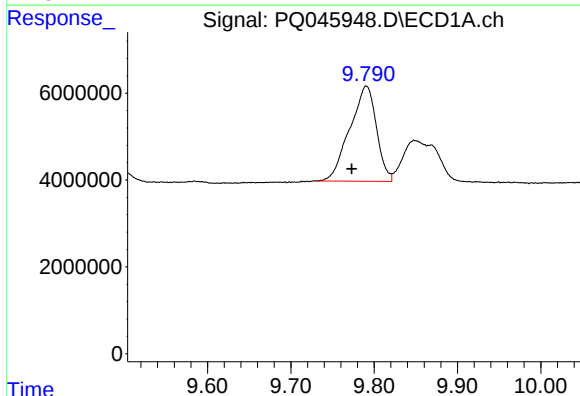
R.T.: 10.571 min
Delta R.T.: -0.003 min
Response: 20486284
Conc: 111.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



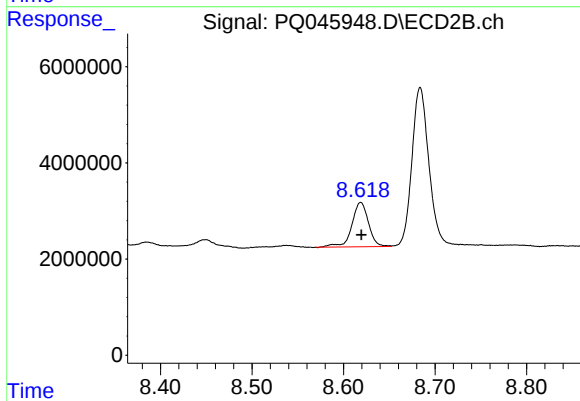
#40 AR-1262-5

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 14635616
Conc: 123.47 ng/ml



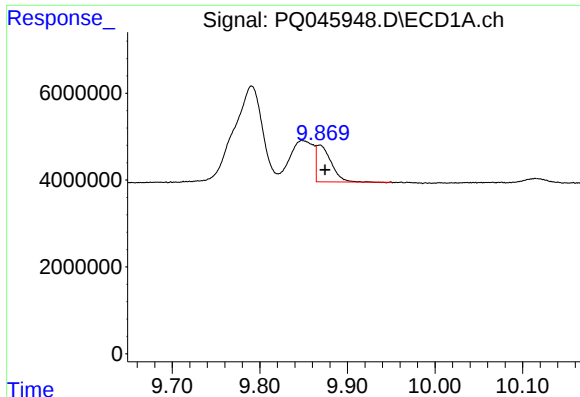
#41 AR-1268-1

R.T.: 9.791 min
Delta R.T.: 0.018 min
Response: 48811052
Conc: 97.54 ng/ml



#41 AR-1268-1

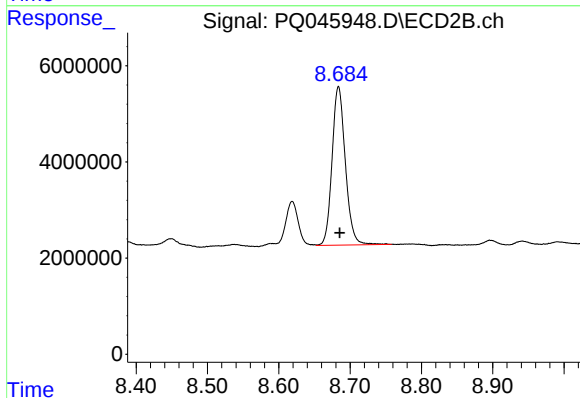
R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 11653282
Conc: 31.87 ng/ml



#42 AR-1268-2

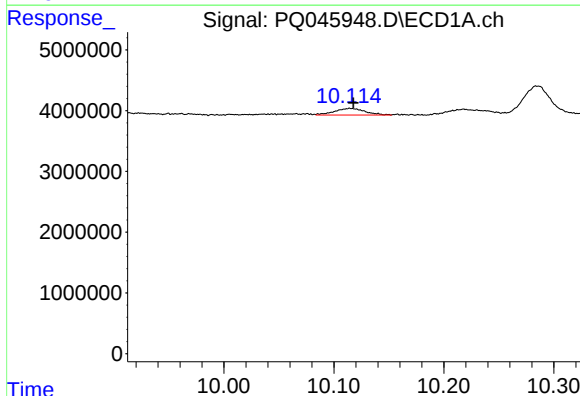
R.T.: 9.868 min
Delta R.T.: -0.006 min
Response: 9626267
Conc: 20.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



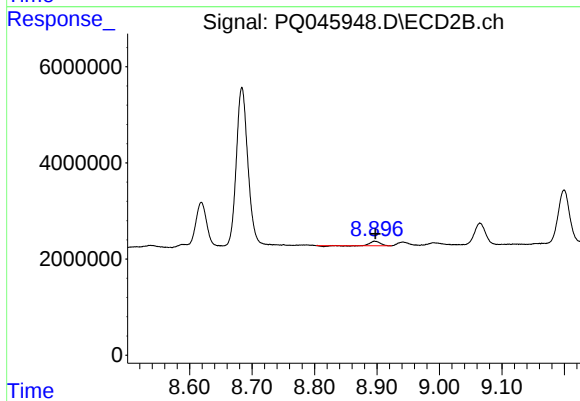
#42 AR-1268-2

R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 42679964
Conc: 120.91 ng/ml



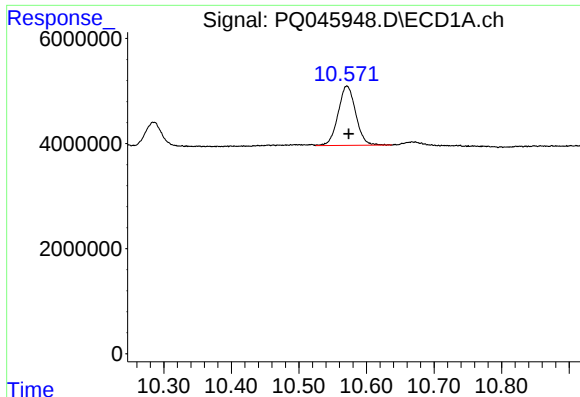
#43 AR-1268-3

R.T.: 10.115 min
Delta R.T.: -0.003 min
Response: 2104033
Conc: 5.07 ng/ml



#43 AR-1268-3

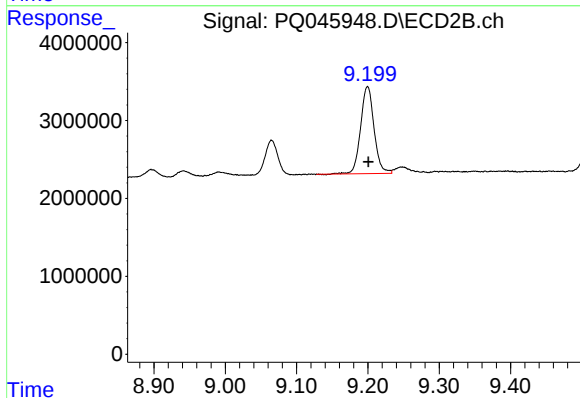
R.T.: 8.896 min
Delta R.T.: -0.002 min
Response: 936733
Conc: 3.30 ng/ml



#44 AR-1268-4

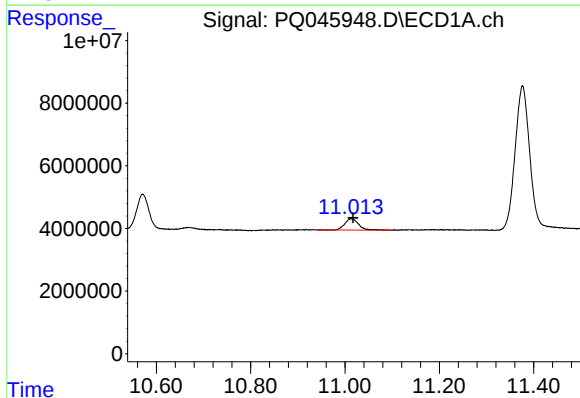
R.T.: 10.571 min
Delta R.T.: -0.003 min
Response: 20486284
Conc: 105.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



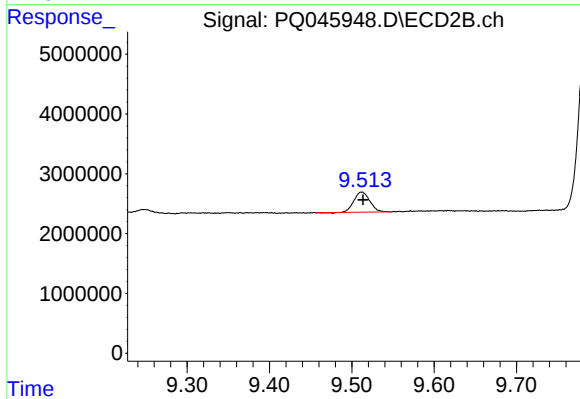
#44 AR-1268-4

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 14635616
Conc: 114.46 ng/ml



#45 AR-1268-5

R.T.: 11.013 min
Delta R.T.: -0.004 min
Response: 7416436
Conc: 4.61 ng/ml



#45 AR-1268-5

R.T.: 9.512 min
Delta R.T.: -0.002 min
Response: 4526372
Conc: 4.22 ng/ml