

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
 Data File : PQ049103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2020 15:30
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:29:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 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...	5.259	4.285	129.5E6	75267960	21.043	21.237
2)	SA Decachlor...	11.494	9.644	421.6E6	215.8E6	44.887	46.426
Target Compounds							
3)	L1 AR-1016-1	6.590	5.548	90382112	53250620	350.796	344.964
4)	L1 AR-1016-2	6.615	5.568	125.4E6	72544223	351.425	347.216
5)	L1 AR-1016-3	6.681	5.761	78550810	38332207	361.720	370.650
6)	L1 AR-1016-4	6.790	5.811	65919548	29780785	369.423	366.909
7)	L1 AR-1016-5	7.104	6.042	69101887	41005021	374.382	357.904
8)	L2 AR-1221-1	5.508	4.541	7372152	4404178	98.595	96.594
9)	L2 AR-1221-2	5.613	4.643	10334934	5983589	179.913	186.462
10)	L2 AR-1221-3	5.702	4.732	42285923	23640045	225.994	216.306
11)	L3 AR-1232-1	5.702	4.732	42285923	23640045	280.688	271.605
12)	L3 AR-1232-2	6.295	5.568	57558169	72544223	735.911	741.182
13)	L3 AR-1232-3	6.615	5.761	125.4E6	38332207	746.468	796.328
14)	L3 AR-1232-4	6.790	5.857	65919548	37929380	779.354	876.792
15)	L3 AR-1232-5	6.884	6.042	56366691	41005021	896.045	824.715
16)	L4 AR-1242-1	6.590	5.548	90382112	53250620	384.782	383.217
17)	L4 AR-1242-2	6.615	5.568	125.4E6	72544223	390.762	386.128
18)	L4 AR-1242-3	6.681	5.761	78550810	38332207	394.843	398.934
19)	L4 AR-1242-4	6.790	5.857	65919548	37929380	395.196	399.796
20)	L4 AR-1242-5	7.574	6.421	82727009	54769711	406.413	393.823
21)	L5 AR-1248-1	6.590	5.548	90382112	53250620	538.233	525.110
22)	L5 AR-1248-2	6.884	5.811	56366691	29780785	250.218	238.587
23)	L5 AR-1248-3	7.104	5.857	69101887	37929380	270.504	294.347
24)	L5 AR-1248-4	7.534	6.042	79658375	41005021	249.402	256.493
25)	L5 AR-1248-5	7.574	6.465	82727009	47311687	273.559	273.668
26)	L6 AR-1254-1	7.503	6.421	60313721	54769711	187.120	201.343
27)	L6 AR-1254-2	7.742	6.580	71617697	14889323	141.429	61.033 #
28)	L6 AR-1254-3	8.117	7.001	28611207	21339863	53.512	52.916
29)	L6 AR-1254-4	8.414	7.240	25575123	15590984	54.612	57.804
30)	L6 AR-1254-5	8.844	7.670	6618134	4799223	13.795	13.029
31)	L7 AR-1260-1	8.284	7.151	3914197	7878327	10.701	34.544 #
32)	L7 AR-1260-2	8.544	7.333	6638463	1813797	13.350	6.269 #
33)	L7 AR-1260-3	8.907	7.489	1136594	1883852	2.703	7.283 #
34)	L7 AR-1260-4	9.157	8.011	4088614	1451551	9.808	6.366 #
35)	L7 AR-1260-5	9.510	8.217	2110853	261715	2.061	0.440 #
36)	L8 AR-1262-1	8.907	7.670	1136594	4799223	1.581	22.991 #
37)	L8 AR-1262-2	9.510	8.217	2110853	261715	1.554	0.331 #
38)	L8 AR-1262-3	0.000	8.571	0	478716	N.D.	1.485 #
39)	L8 AR-1262-4	0.000	8.571	0	478716	N.D.	0.812 #
41)	L9 AR-1268-1	0.000	8.571	0	478716	N.D.	0.518 #
42)	L9 AR-1268-2	0.000	8.571	0	478716	N.D.	0.556 #

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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
43) L9	AR-1268-3	10.195	8.783	5374790	2781041	3.889	3.862
45) L9	AR-1268-5	11.131	9.379	5680703	2122154	1.318	0.924 #

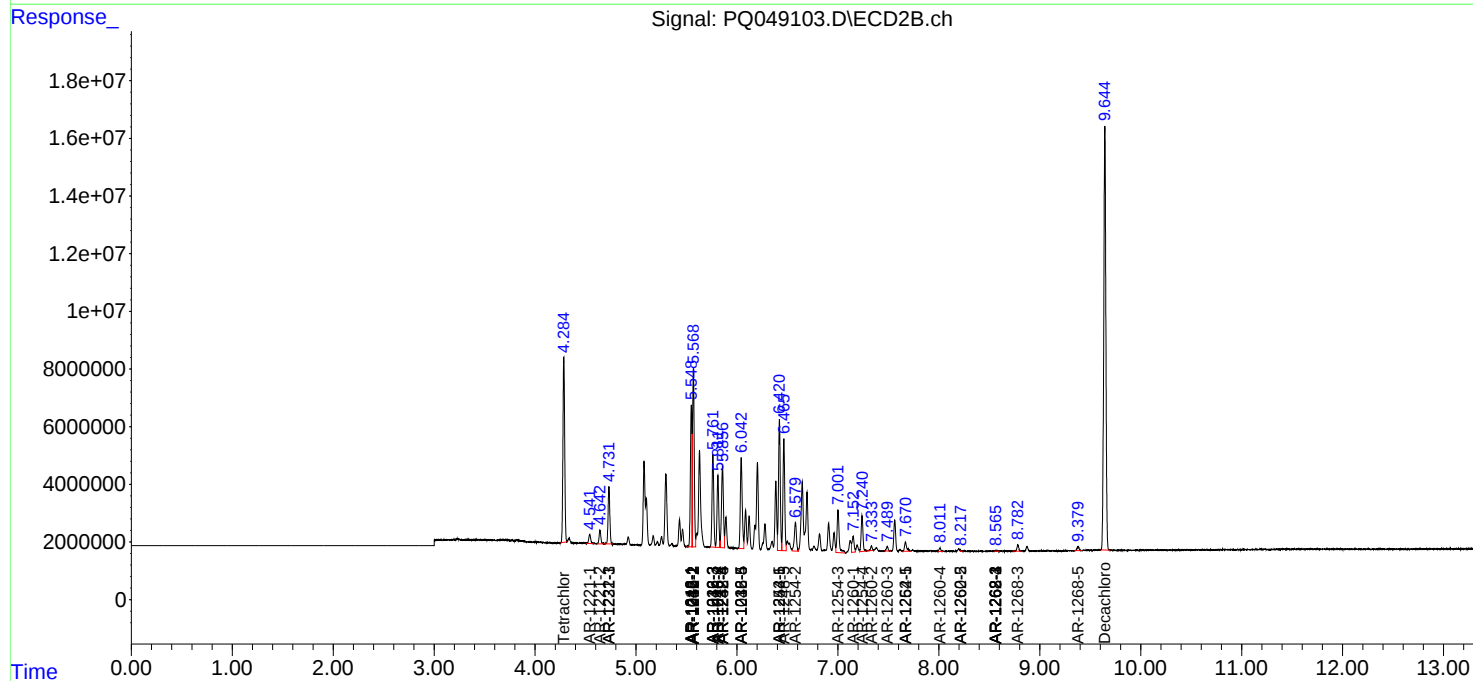
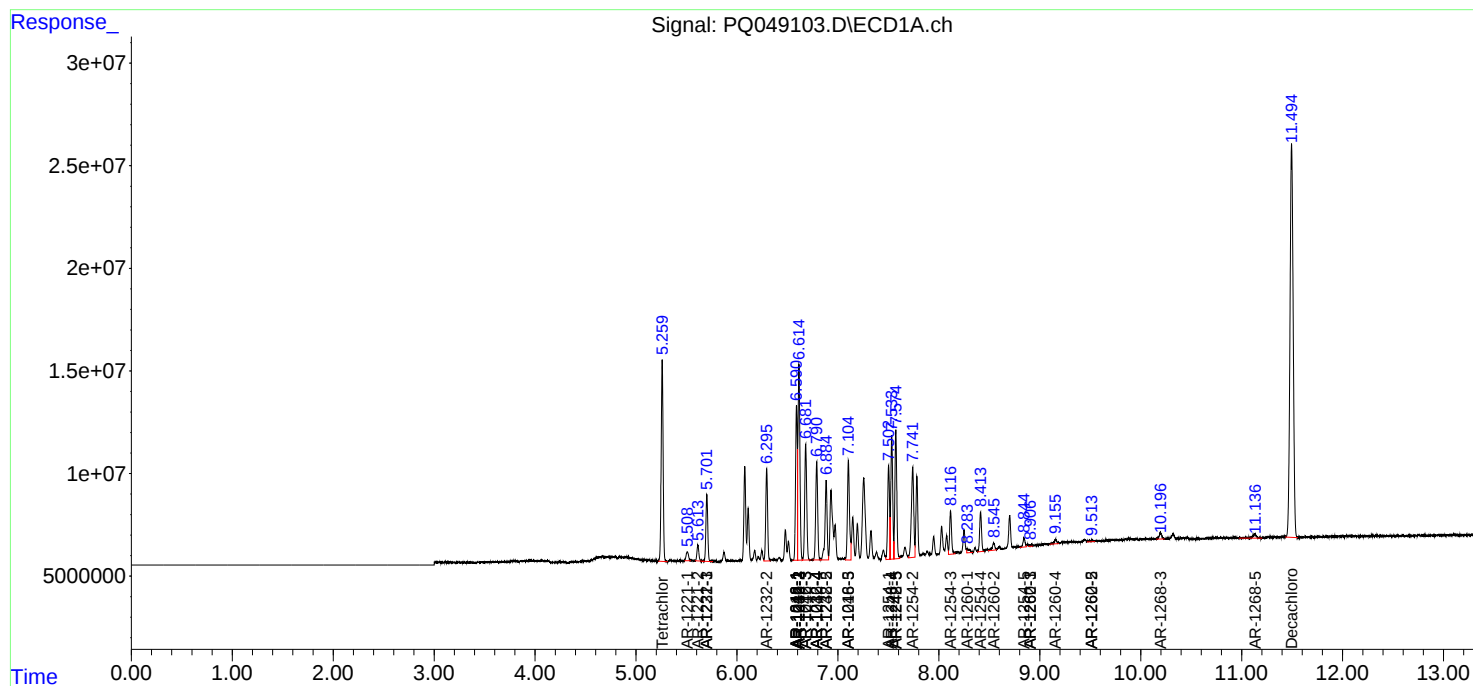
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

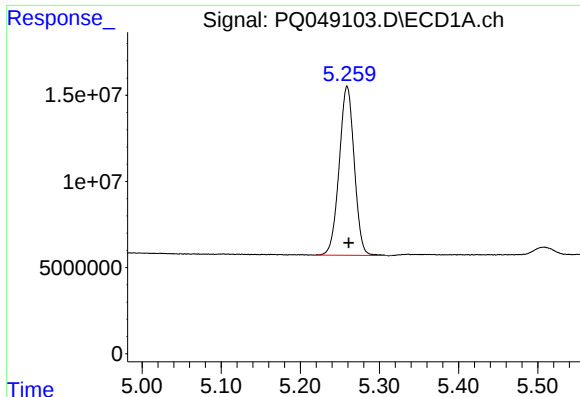
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

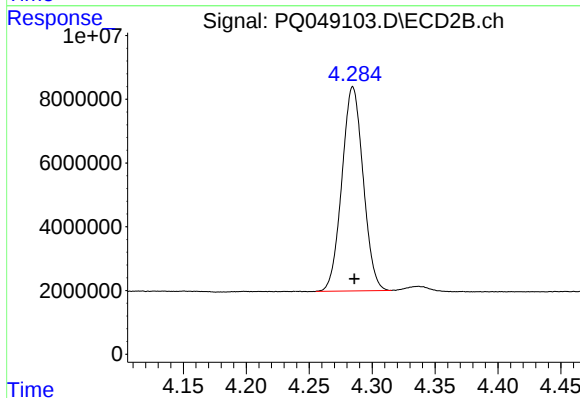




#1 Tetrachloro-m-xylene

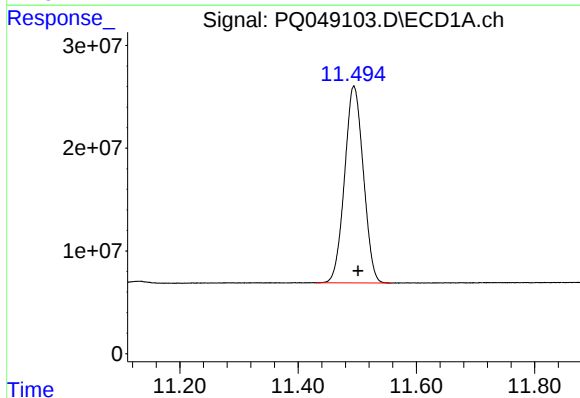
R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 129541297
Conc: 21.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



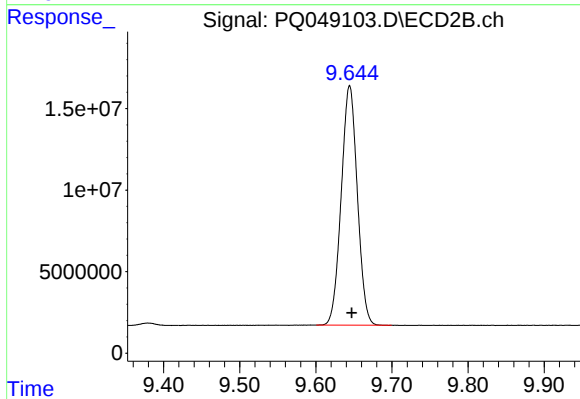
#1 Tetrachloro-m-xylene

R.T.: 4.285 min
Delta R.T.: -0.001 min
Response: 75267960
Conc: 21.24 ng/ml



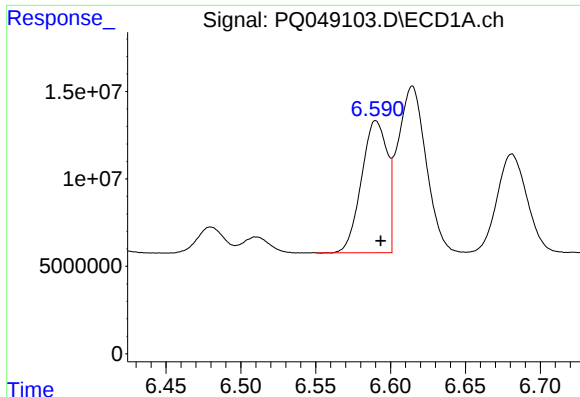
#2 Decachlorobiphenyl

R.T.: 11.494 min
Delta R.T.: -0.007 min
Response: 421646937
Conc: 44.89 ng/ml



#2 Decachlorobiphenyl

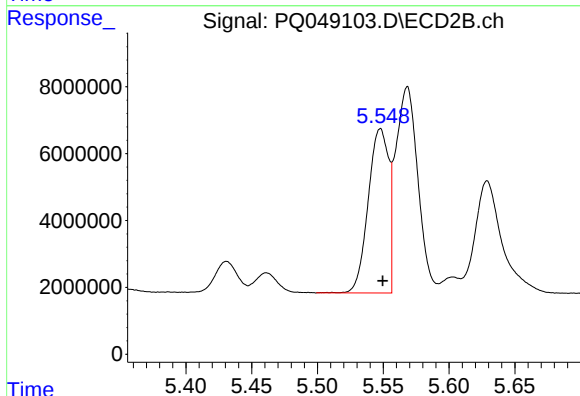
R.T.: 9.644 min
Delta R.T.: -0.003 min
Response: 215820339
Conc: 46.43 ng/ml



#3 AR-1016-1

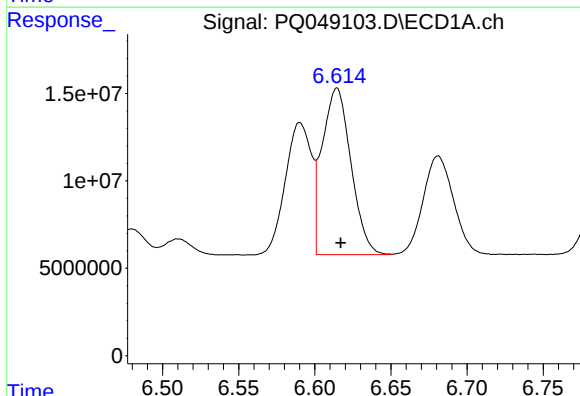
R.T.: 6.590 min
Delta R.T.: -0.003 min
Response: 90382112
Conc: 350.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



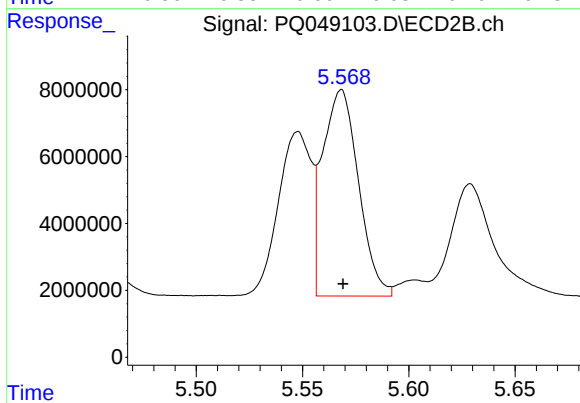
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 53250620
Conc: 344.96 ng/ml



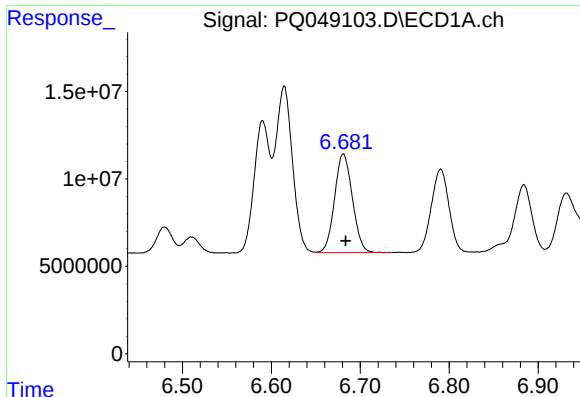
#4 AR-1016-2

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 125375926
Conc: 351.42 ng/ml



#4 AR-1016-2

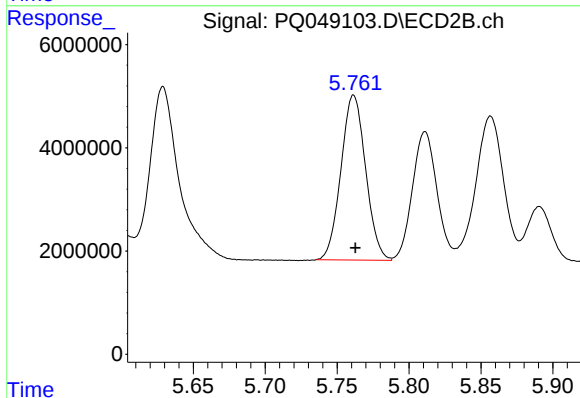
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 72544223
Conc: 347.22 ng/ml



#5 AR-1016-3

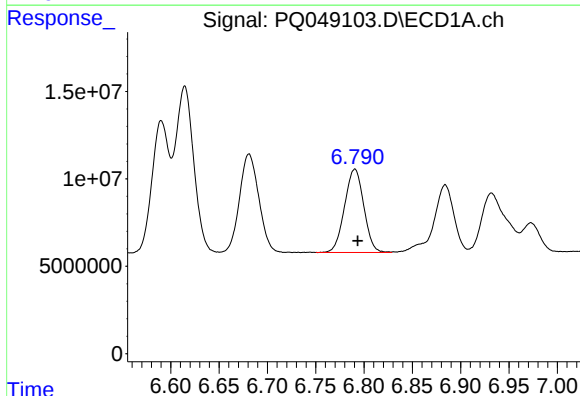
R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 78550810
Conc: 361.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



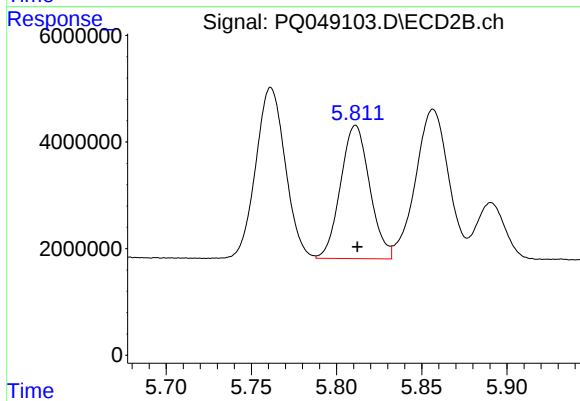
#5 AR-1016-3

R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 38332207
Conc: 370.65 ng/ml



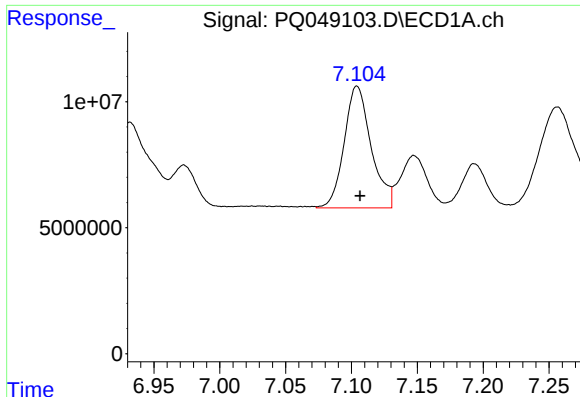
#6 AR-1016-4

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 65919548
Conc: 369.42 ng/ml



#6 AR-1016-4

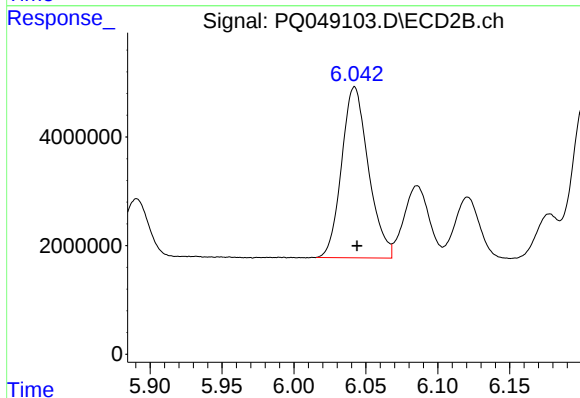
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 29780785
Conc: 366.91 ng/ml



#7 AR-1016-5

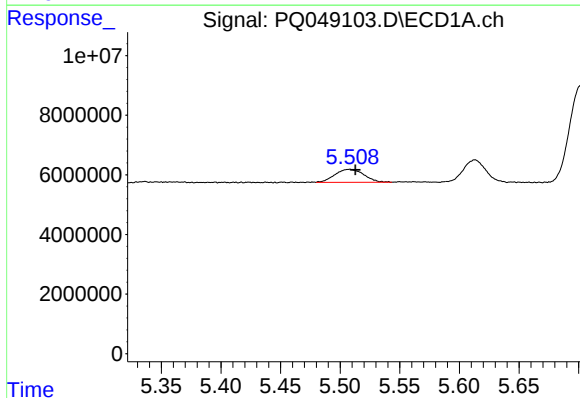
R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 69101887
Conc: 374.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



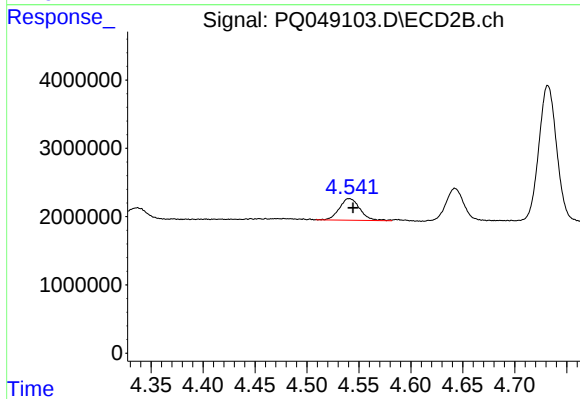
#7 AR-1016-5

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 41005021
Conc: 357.90 ng/ml



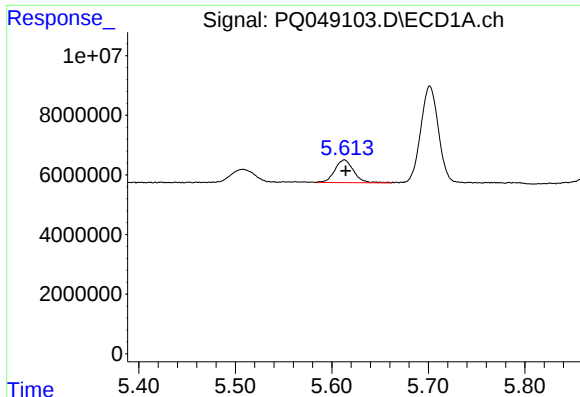
#8 AR-1221-1

R.T.: 5.508 min
Delta R.T.: -0.005 min
Response: 7372152
Conc: 98.59 ng/ml



#8 AR-1221-1

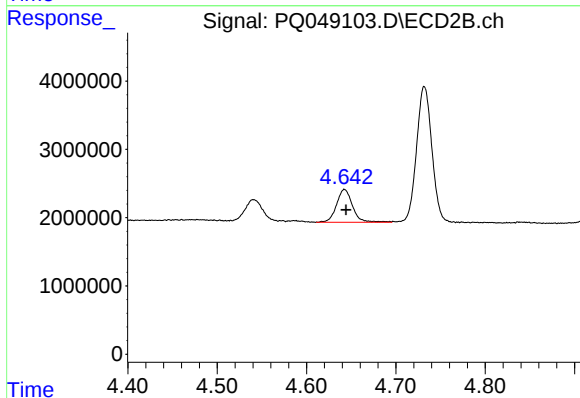
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 4404178
Conc: 96.59 ng/ml



#9 AR-1221-2

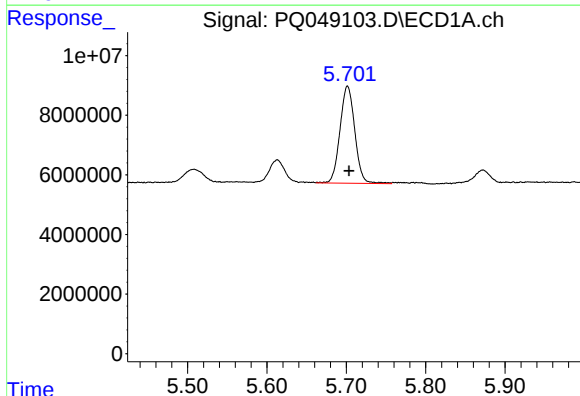
R.T.: 5.613 min
Delta R.T.: -0.001 min
Response: 10334934
Conc: 179.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



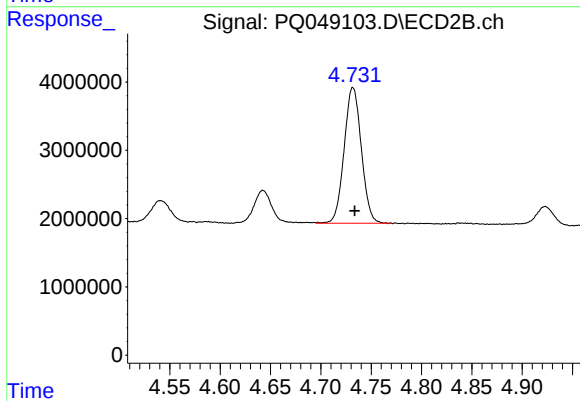
#9 AR-1221-2

R.T.: 4.643 min
Delta R.T.: -0.002 min
Response: 5983589
Conc: 186.46 ng/ml



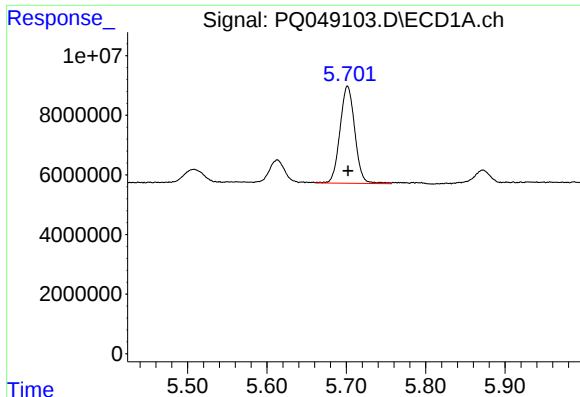
#10 AR-1221-3

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 42285923
Conc: 225.99 ng/ml



#10 AR-1221-3

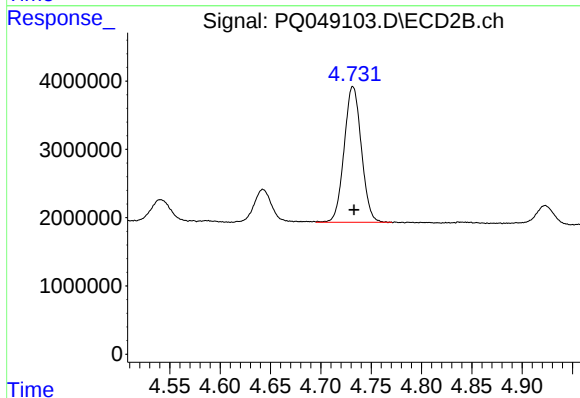
R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 23640045
Conc: 216.31 ng/ml



#11 AR-1232-1

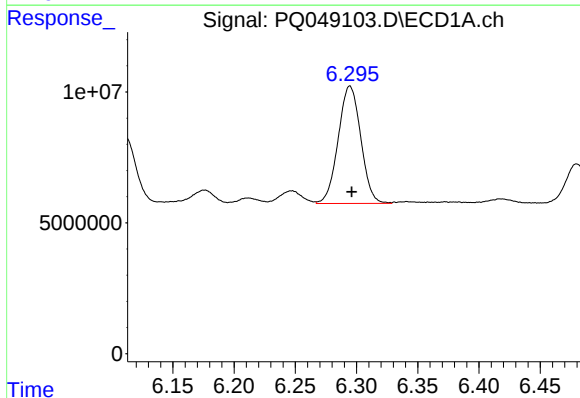
R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 42285923
Conc: 280.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



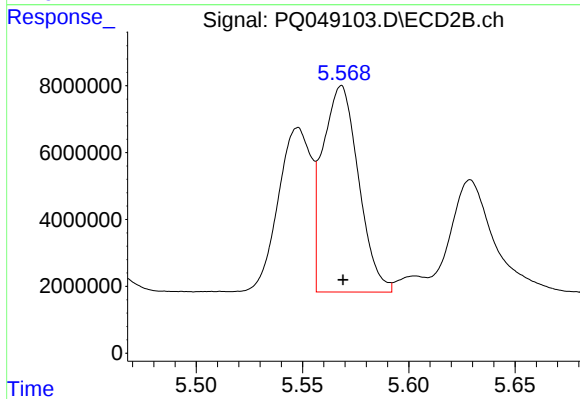
#11 AR-1232-1

R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 23640045
Conc: 271.60 ng/ml



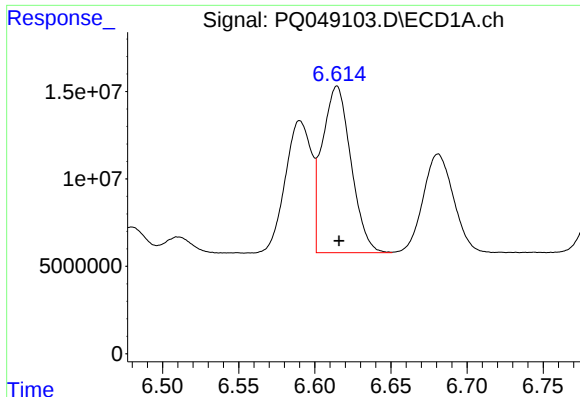
#12 AR-1232-2

R.T.: 6.295 min
Delta R.T.: -0.001 min
Response: 57558169
Conc: 735.91 ng/ml



#12 AR-1232-2

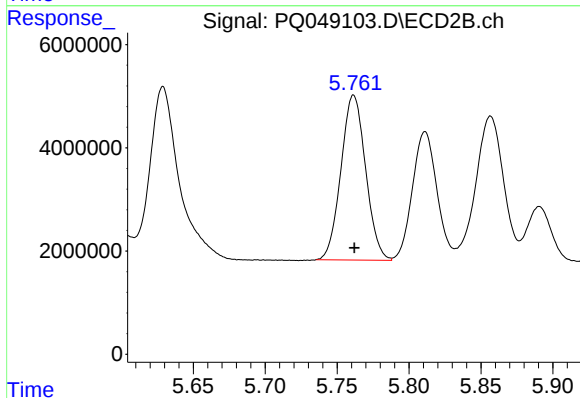
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 72544223
Conc: 741.18 ng/ml



#13 AR-1232-3

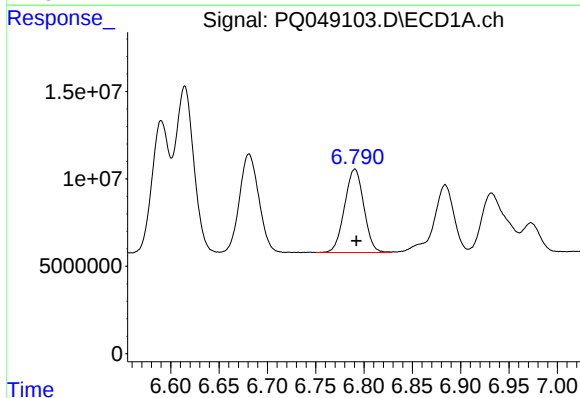
R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 125375926
Conc: 746.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



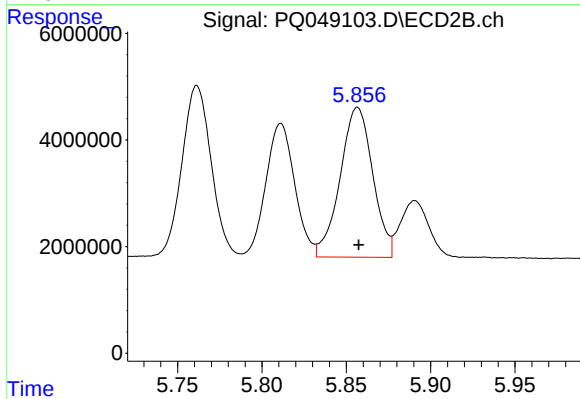
#13 AR-1232-3

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 38332207
Conc: 796.33 ng/ml



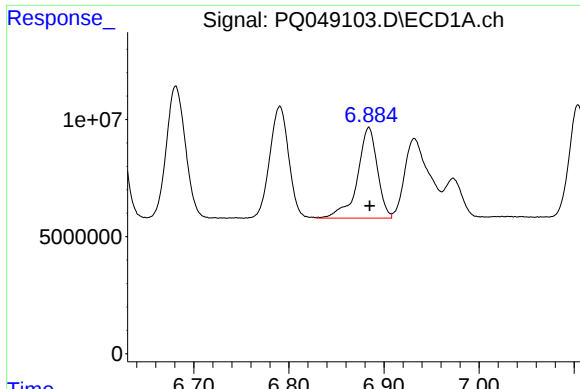
#14 AR-1232-4

R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 65919548
Conc: 779.35 ng/ml



#14 AR-1232-4

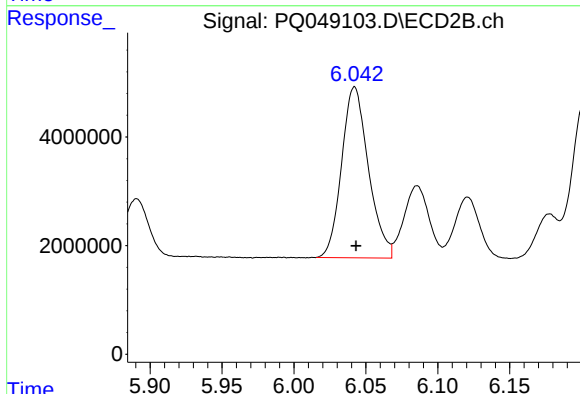
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 37929380
Conc: 876.79 ng/ml



#15 AR-1232-5

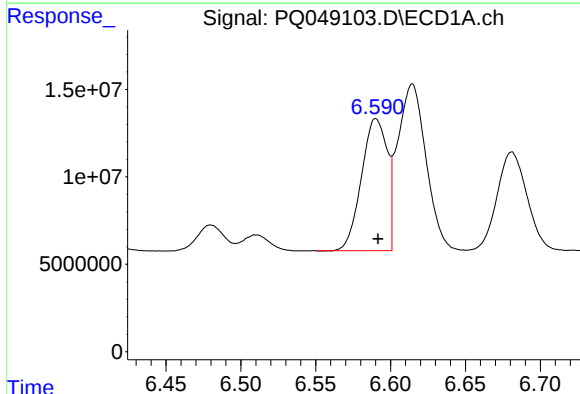
R.T.: 6.884 min
Delta R.T.: -0.001 min
Response: 56366691
Conc: 896.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



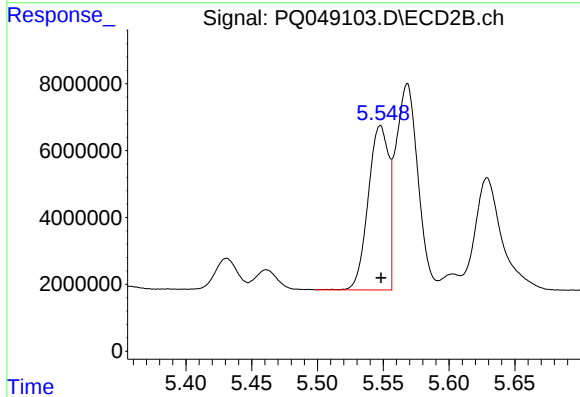
#15 AR-1232-5

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 41005021
Conc: 824.72 ng/ml



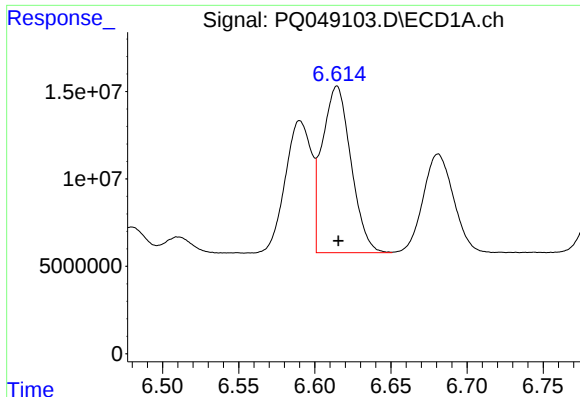
#16 AR-1242-1

R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 90382112
Conc: 384.78 ng/ml



#16 AR-1242-1

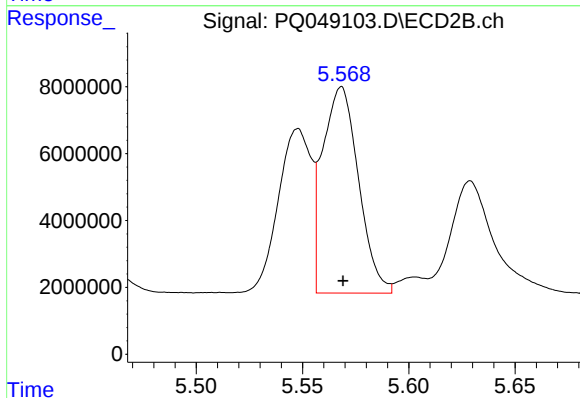
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 53250620
Conc: 383.22 ng/ml



#17 AR-1242-2

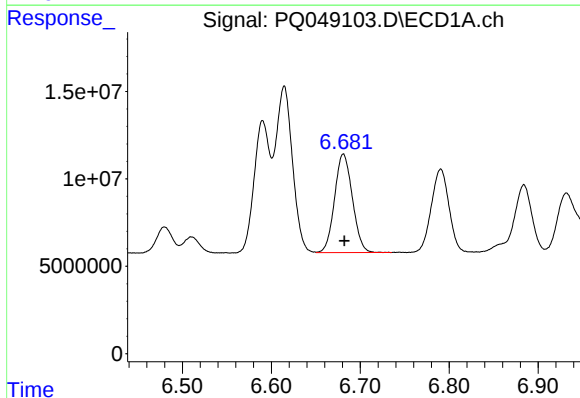
R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 125375926
Conc: 390.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



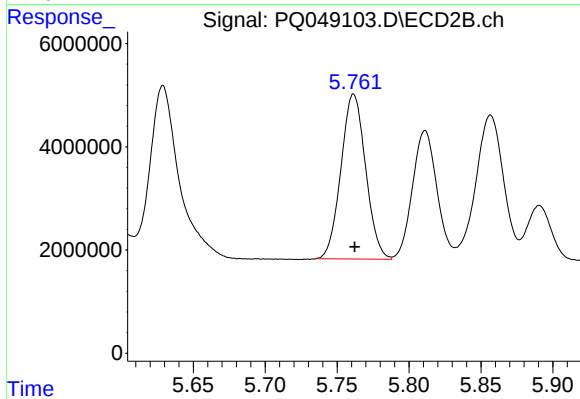
#17 AR-1242-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 72544223
Conc: 386.13 ng/ml



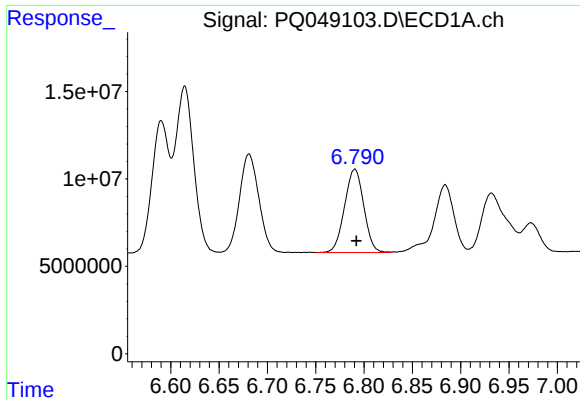
#18 AR-1242-3

R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 78550810
Conc: 394.84 ng/ml



#18 AR-1242-3

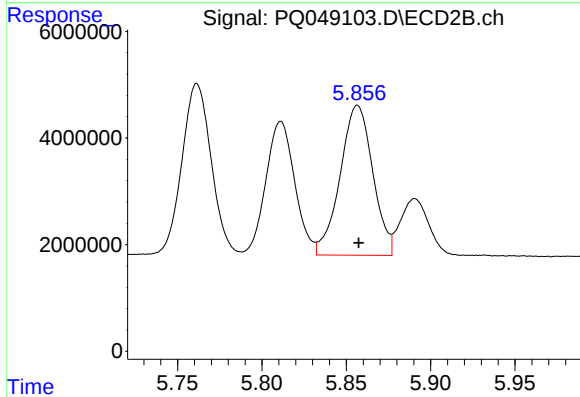
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 38332207
Conc: 398.93 ng/ml



#19 AR-1242-4

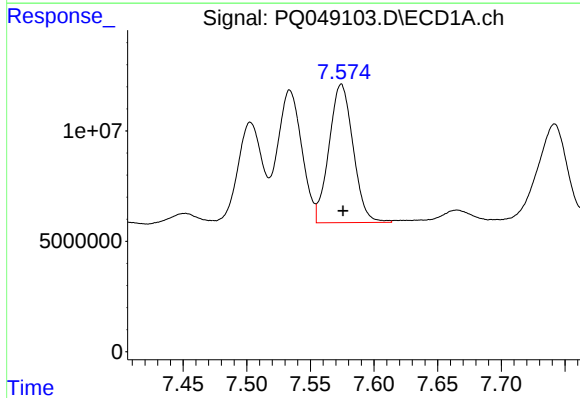
R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 65919548
Conc: 395.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



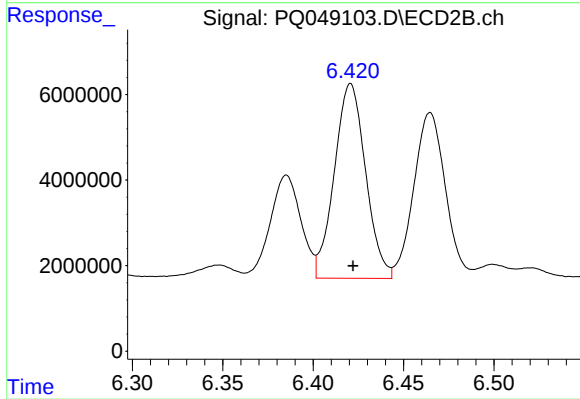
#19 AR-1242-4

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 37929380
Conc: 399.80 ng/ml



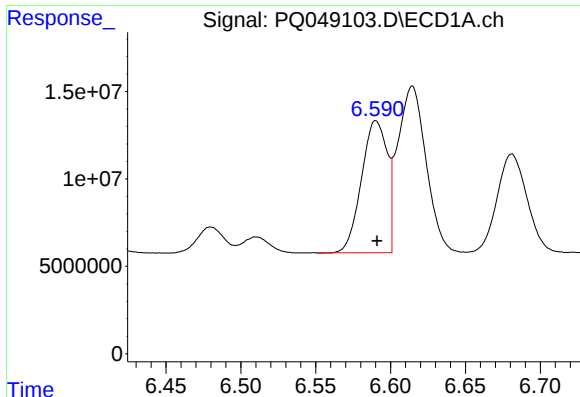
#20 AR-1242-5

R.T.: 7.574 min
Delta R.T.: -0.001 min
Response: 82727009
Conc: 406.41 ng/ml



#20 AR-1242-5

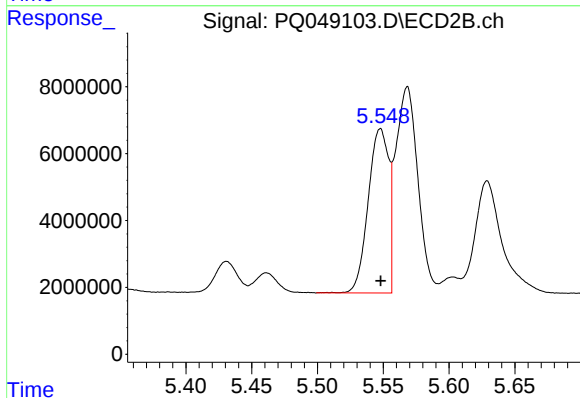
R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 54769711
Conc: 393.82 ng/ml



#21 AR-1248-1

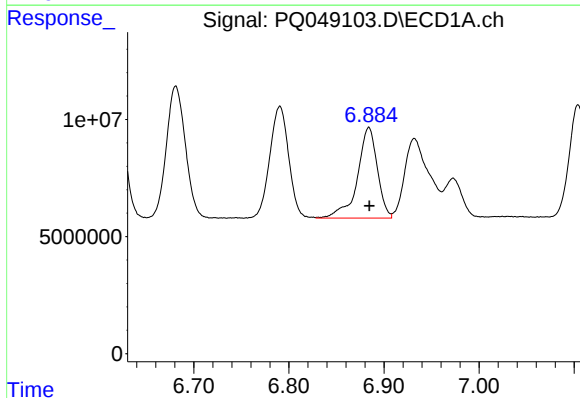
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 90382112
Conc: 538.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



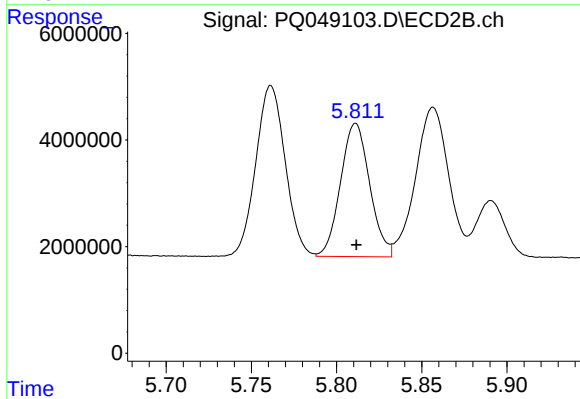
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 53250620
Conc: 525.11 ng/ml



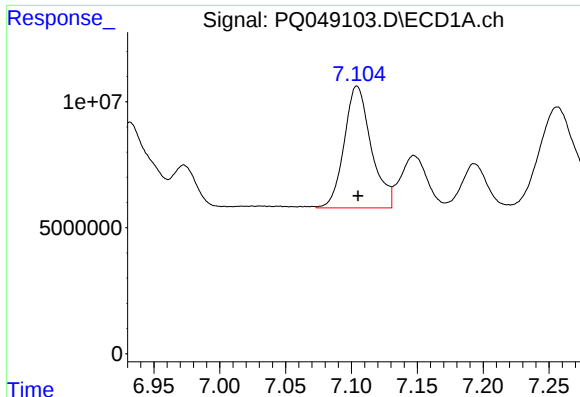
#22 AR-1248-2

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 56366691
Conc: 250.22 ng/ml



#22 AR-1248-2

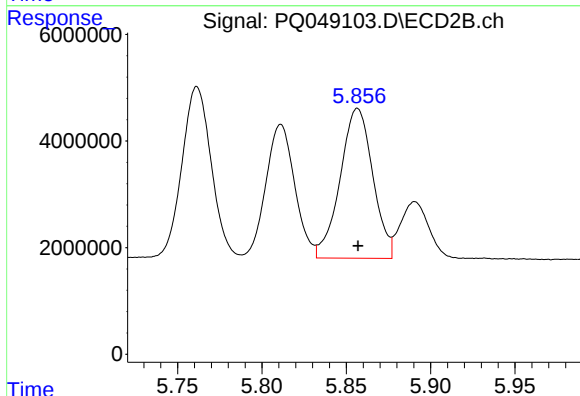
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 29780785
Conc: 238.59 ng/ml



#23 AR-1248-3

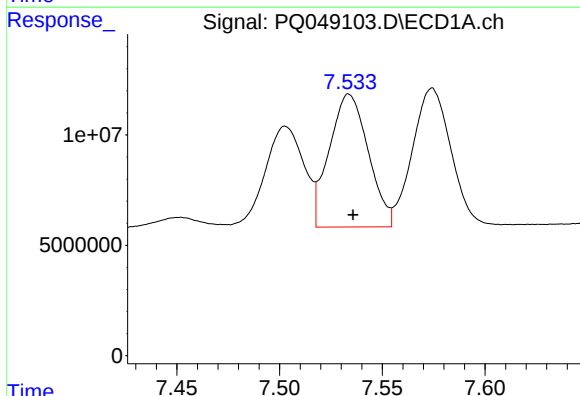
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 69101887
Conc: 270.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



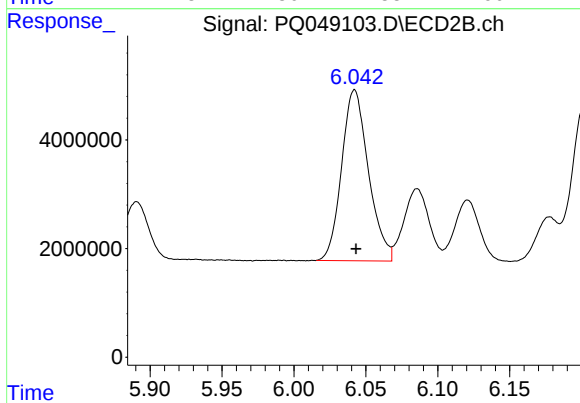
#23 AR-1248-3

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 37929380
Conc: 294.35 ng/ml



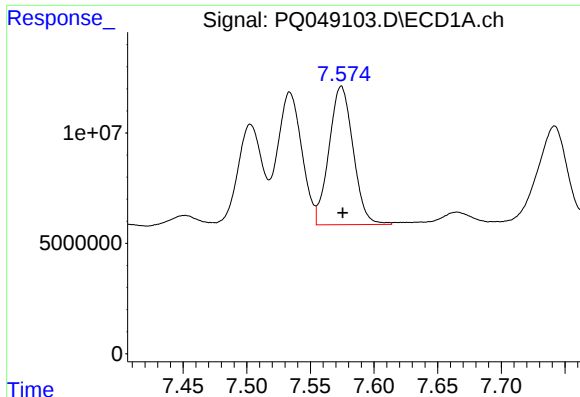
#24 AR-1248-4

R.T.: 7.534 min
Delta R.T.: -0.002 min
Response: 79658375
Conc: 249.40 ng/ml



#24 AR-1248-4

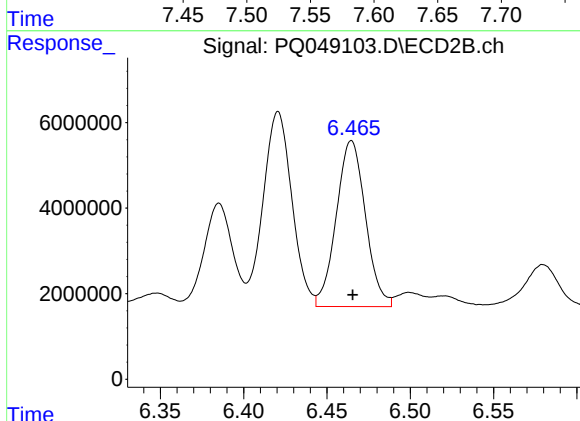
R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 41005021
Conc: 256.49 ng/ml



#25 AR-1248-5

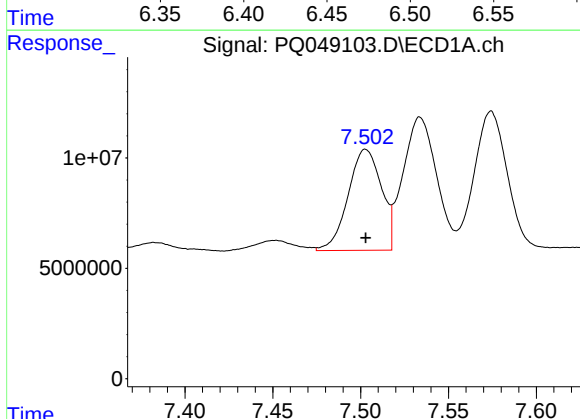
R.T.: 7.574 min
Delta R.T.: -0.001 min
Response: 82727009
Conc: 273.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



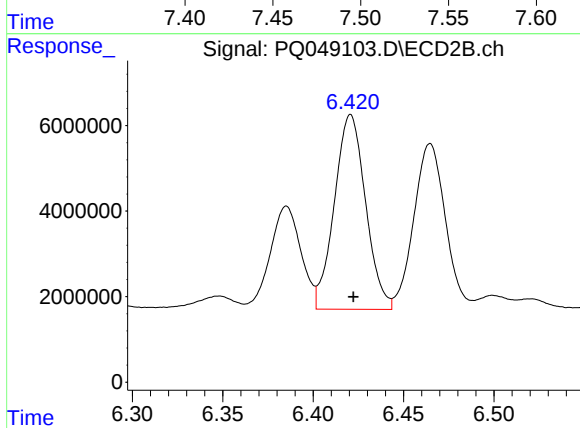
#25 AR-1248-5

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 47311687
Conc: 273.67 ng/ml



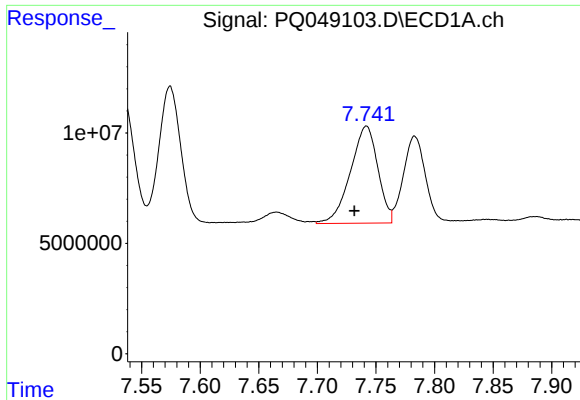
#26 AR-1254-1

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 60313721
Conc: 187.12 ng/ml



#26 AR-1254-1

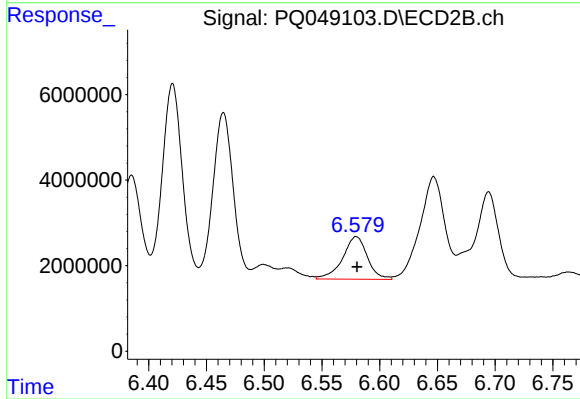
R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 54769711
Conc: 201.34 ng/ml



#27 AR-1254-2

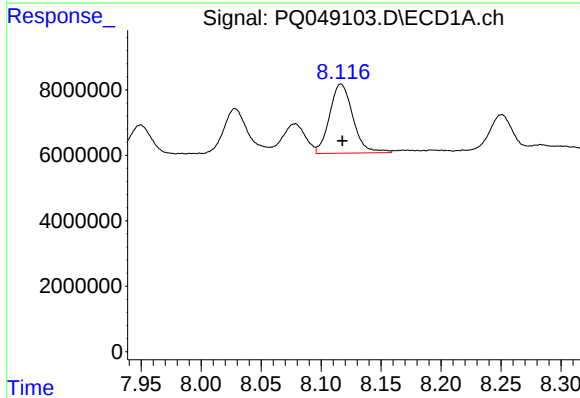
R.T.: 7.742 min
Delta R.T.: 0.010 min
Response: 71617697
Conc: 141.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



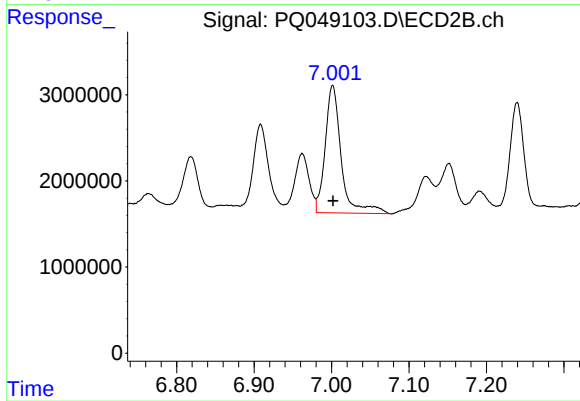
#27 AR-1254-2

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 14889323
Conc: 61.03 ng/ml



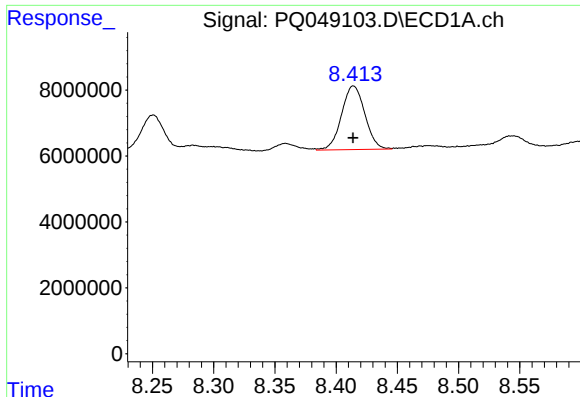
#28 AR-1254-3

R.T.: 8.117 min
Delta R.T.: -0.001 min
Response: 28611207
Conc: 53.51 ng/ml



#28 AR-1254-3

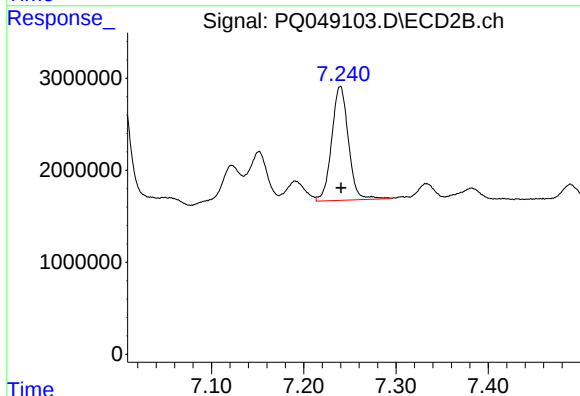
R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 21339863
Conc: 52.92 ng/ml



#29 AR-1254-4

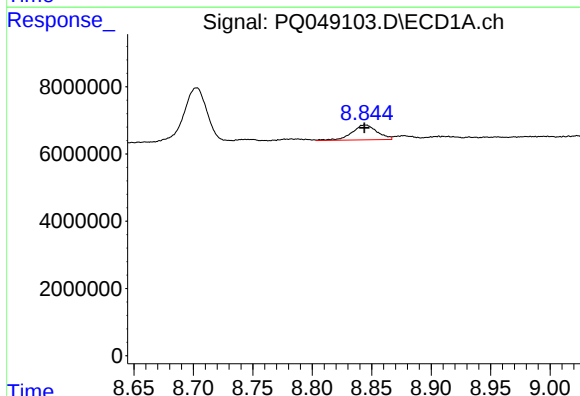
R.T.: 8.414 min
Delta R.T.: 0.000 min
Response: 25575123
Conc: 54.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



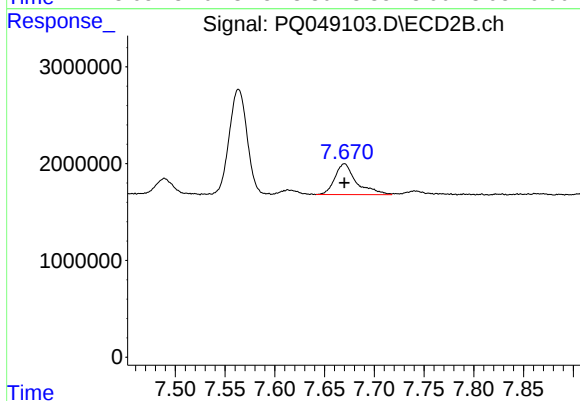
#29 AR-1254-4

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 15590984
Conc: 57.80 ng/ml



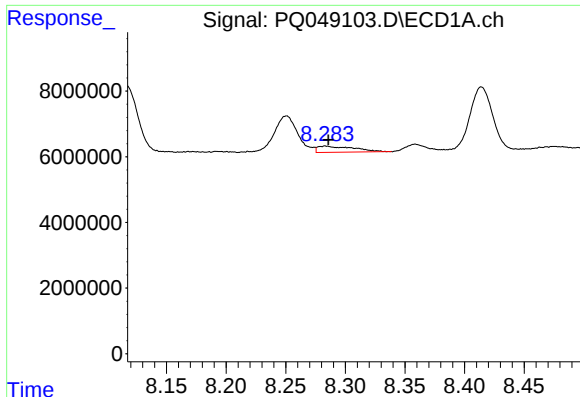
#30 AR-1254-5

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 6618134
Conc: 13.80 ng/ml



#30 AR-1254-5

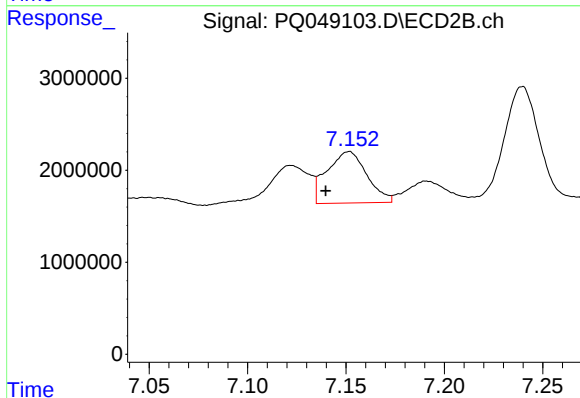
R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 4799223
Conc: 13.03 ng/ml



#31 AR-1260-1

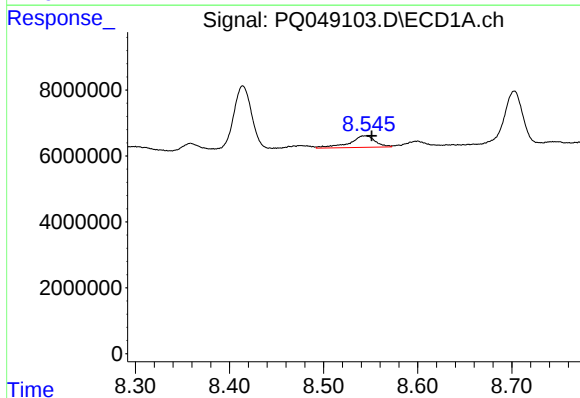
R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 3914197
Conc: 10.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



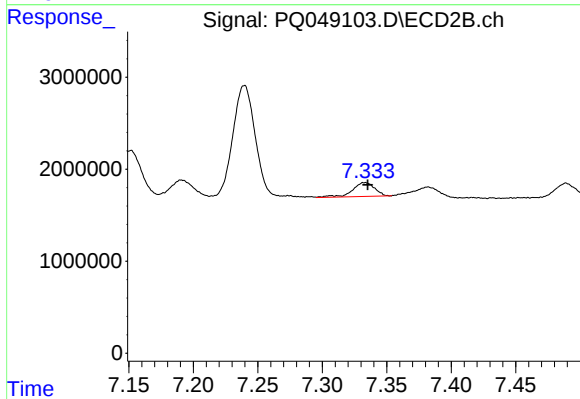
#31 AR-1260-1

R.T.: 7.151 min
Delta R.T.: 0.012 min
Response: 7878327
Conc: 34.54 ng/ml



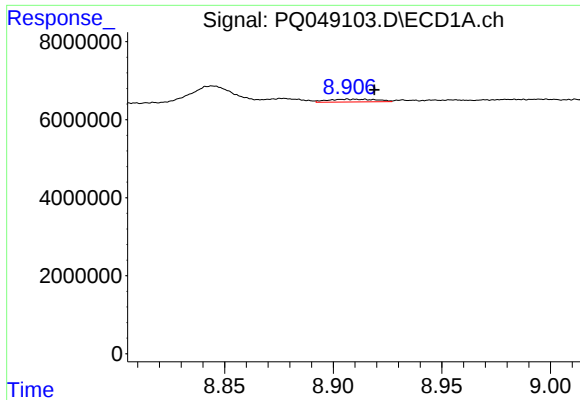
#32 AR-1260-2

R.T.: 8.544 min
Delta R.T.: -0.007 min
Response: 6638463
Conc: 13.35 ng/ml



#32 AR-1260-2

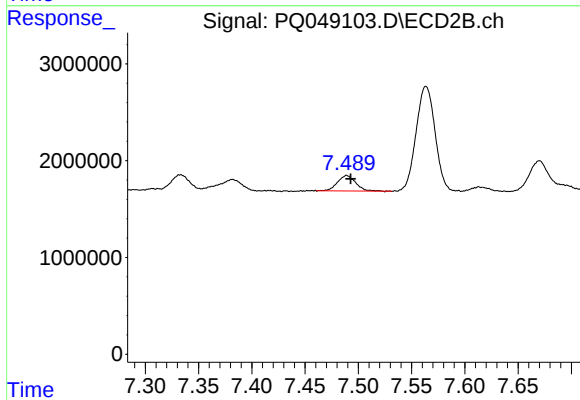
R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 1813797
Conc: 6.27 ng/ml



#33 AR-1260-3

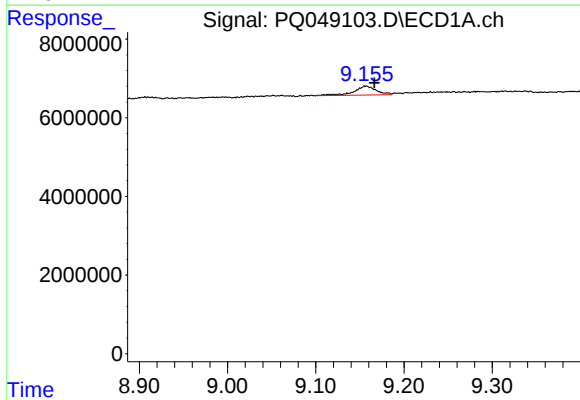
R.T.: 8.907 min
Delta R.T.: -0.012 min
Response: 1136594
Conc: 2.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



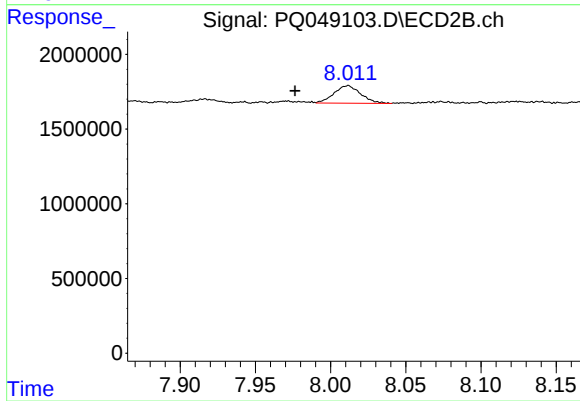
#33 AR-1260-3

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 1883852
Conc: 7.28 ng/ml



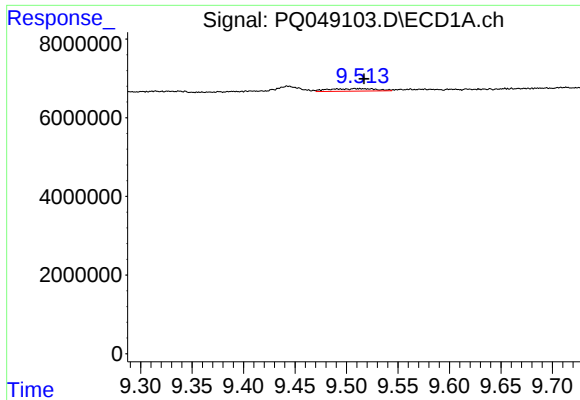
#34 AR-1260-4

R.T.: 9.157 min
Delta R.T.: -0.010 min
Response: 4088614
Conc: 9.81 ng/ml



#34 AR-1260-4

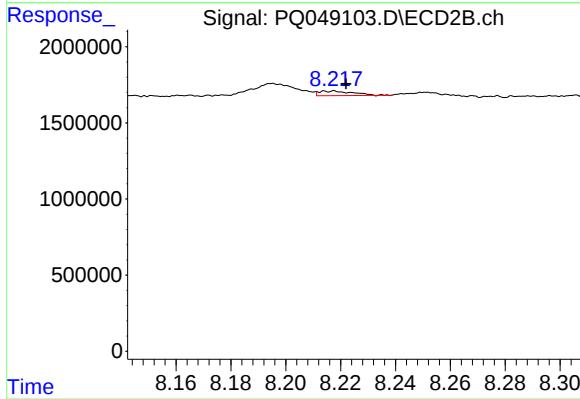
R.T.: 8.011 min
Delta R.T.: 0.035 min
Response: 1451551
Conc: 6.37 ng/ml



#35 AR-1260-5

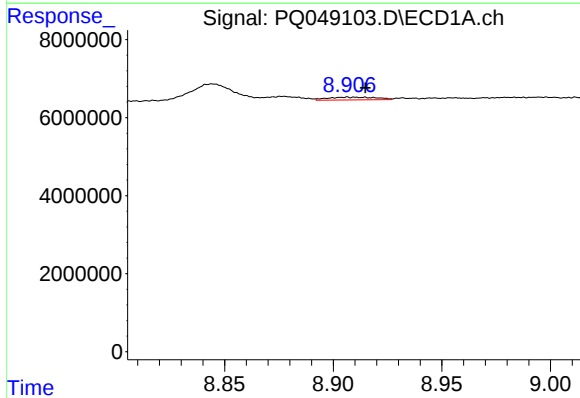
R.T.: 9.510 min
Delta R.T.: -0.007 min
Response: 2110853
Conc: 2.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



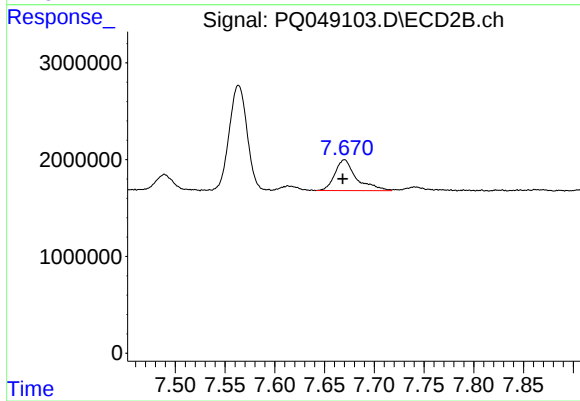
#35 AR-1260-5

R.T.: 8.217 min
Delta R.T.: -0.005 min
Response: 261715
Conc: 0.44 ng/ml



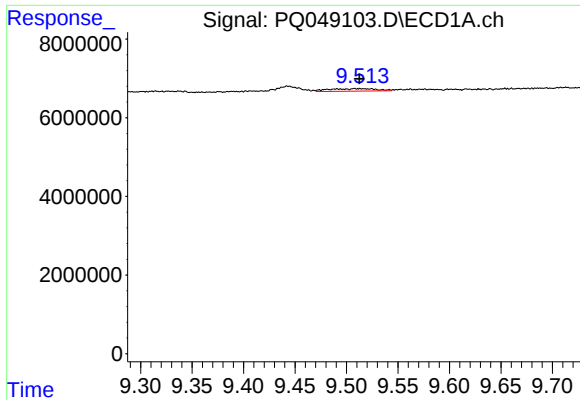
#36 AR-1262-1

R.T.: 8.907 min
Delta R.T.: -0.008 min
Response: 1136594
Conc: 1.58 ng/ml



#36 AR-1262-1

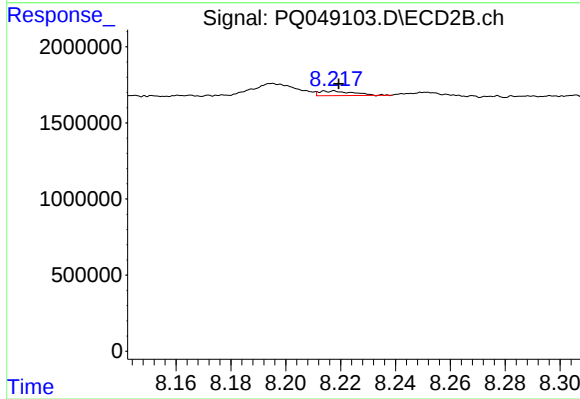
R.T.: 7.670 min
Delta R.T.: 0.002 min
Response: 4799223
Conc: 22.99 ng/ml



#37 AR-1262-2

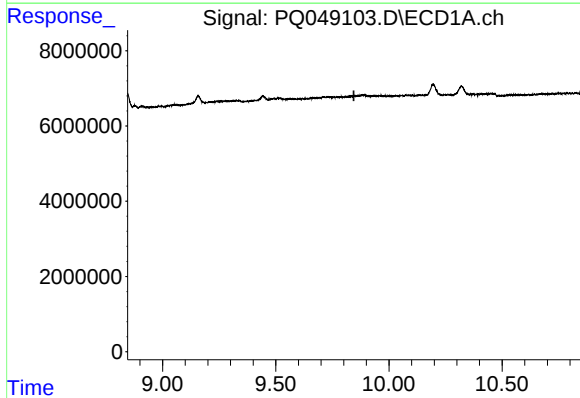
R.T.: 9.510 min
Delta R.T.: -0.002 min
Response: 2110853
Conc: 1.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



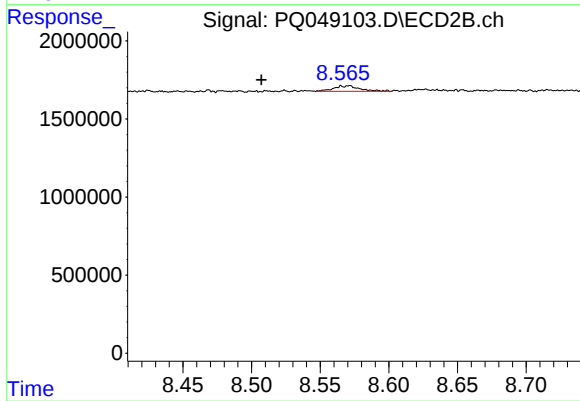
#37 AR-1262-2

R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 261715
Conc: 0.33 ng/ml



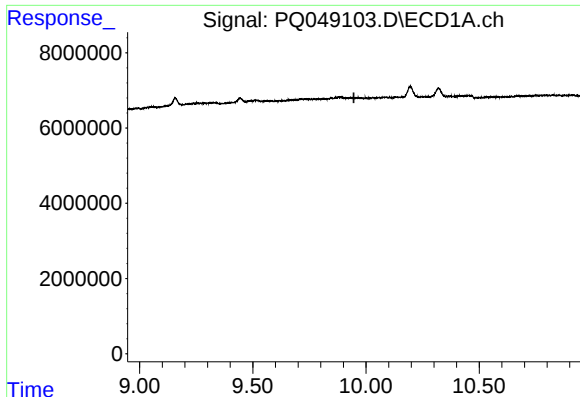
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.845 min
Response: 0
Conc: N.D.



#38 AR-1262-3

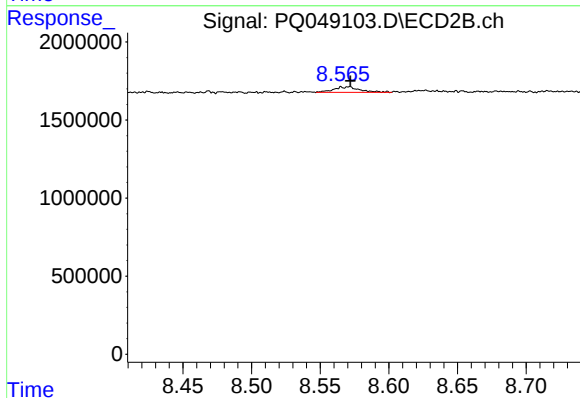
R.T.: 8.571 min
Delta R.T.: 0.064 min
Response: 478716
Conc: 1.49 ng/ml



#39 AR-1262-4

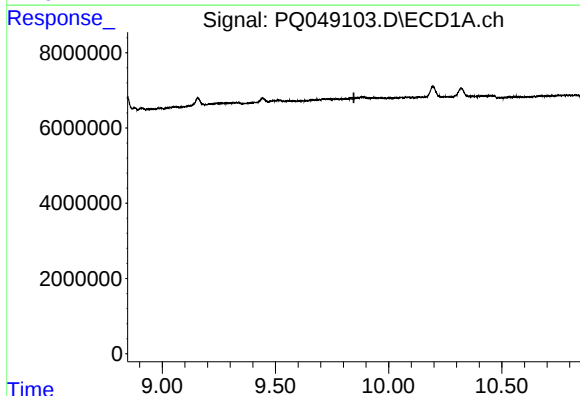
R.T.: 0.000 min
Exp R.T.: 9.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



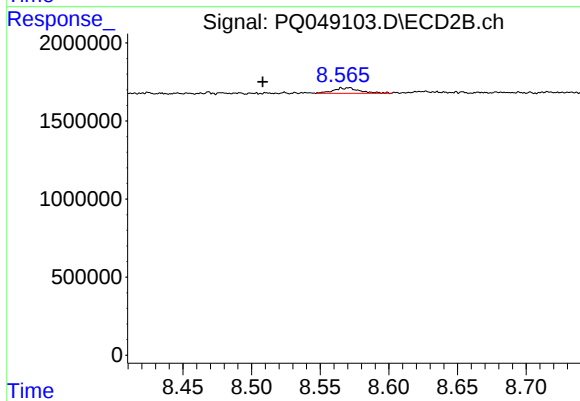
#39 AR-1262-4

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 478716
Conc: 0.81 ng/ml



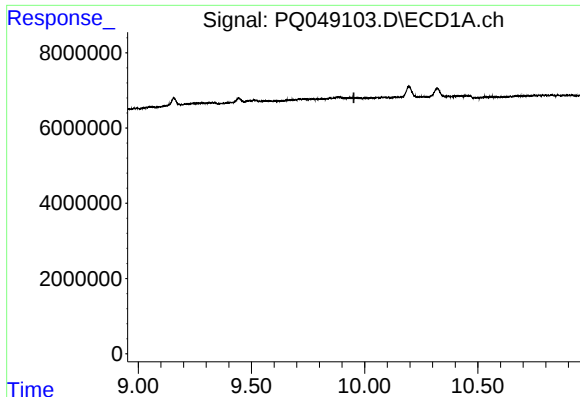
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.846 min
Response: 0
Conc: N.D.



#41 AR-1268-1

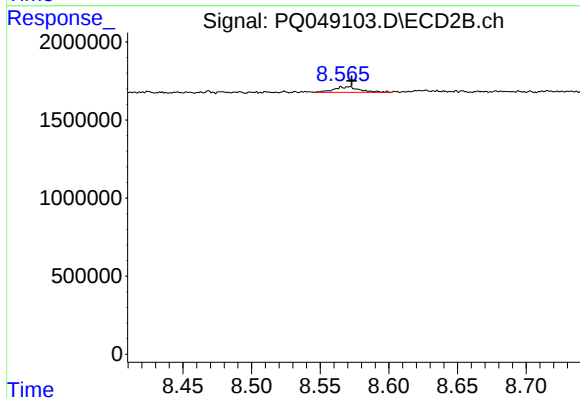
R.T.: 8.571 min
Delta R.T.: 0.063 min
Response: 478716
Conc: 0.52 ng/ml



#42 AR-1268-2

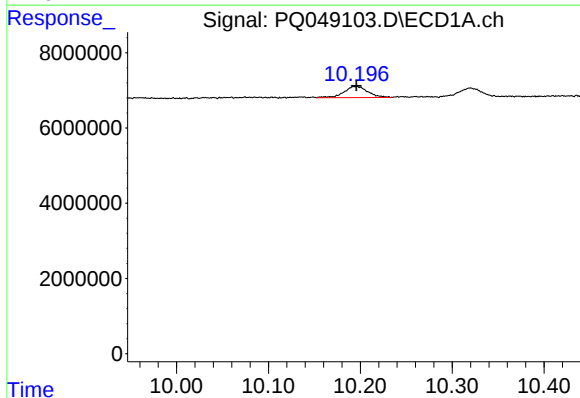
R.T.: 0.000 min
Exp R.T.: 9.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



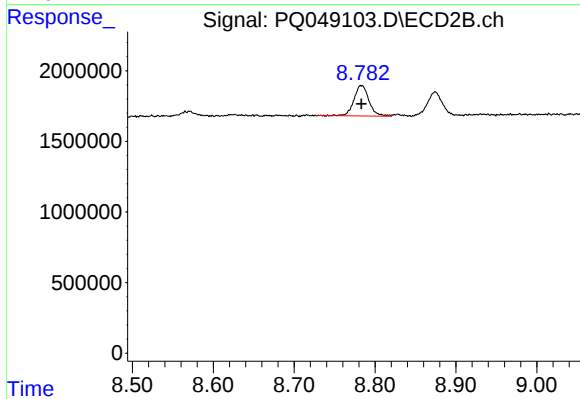
#42 AR-1268-2

R.T.: 8.571 min
Delta R.T.: -0.002 min
Response: 478716
Conc: 0.56 ng/ml



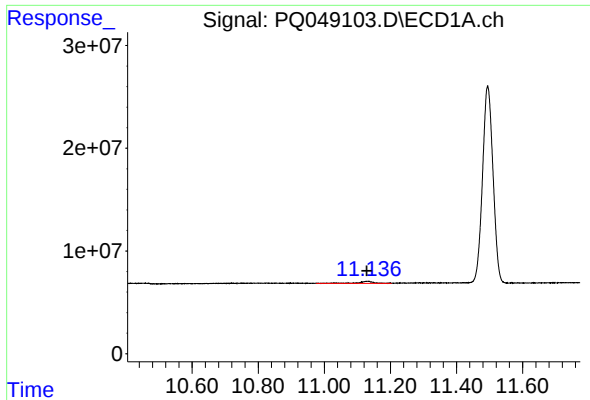
#43 AR-1268-3

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 5374790
Conc: 3.89 ng/ml



#43 AR-1268-3

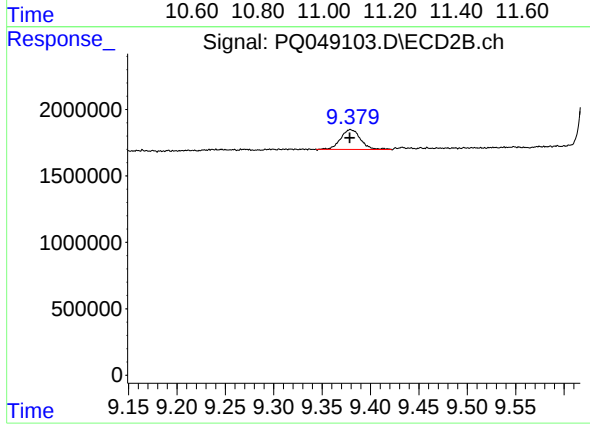
R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 2781041
Conc: 3.86 ng/ml



#45 AR-1268-5

R.T.: 11.131 min
Delta R.T.: 0.002 min
Response: 5680703
Conc: 1.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: 0.000 min
Response: 2122154
Conc: 0.92 ng/ml