

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011822\
 Data File : PQ055768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2022 12:18
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 00:28:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 04 15:29:13 2022
 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...	5.235	4.299	656.8E6	535.2E6	57.222	55.609
2)	SA Decachlor...	11.415	9.665	708.4E6	343.6E6	47.498	46.238
Target Compounds							
3)	L1 AR-1016-1	6.559	5.568	5622107	4558769	17.034	14.444
4)	L1 AR-1016-2	6.587	5.588	9074737	3908299	16.639	8.745 #
5)	L1 AR-1016-3	6.648	5.782	3734022	2626385	10.179	10.990
6)	L1 AR-1016-4	6.755	5.827	4469207	113.4E6	14.710	543.460 #
7)	L1 AR-1016-5	7.070	6.059	72620075	66010281	275.885	253.717
8)	L2 AR-1221-1	5.488	4.554	280367	429436	2.083	4.137 #
9)	L2 AR-1221-2	5.589	4.658	11122084	6802254	105.498	87.044
10)	L2 AR-1221-3	5.675	4.750	2504446	1352805	8.226	5.541 #
11)	L3 AR-1232-1	5.675	4.750	2504446	1352805	10.040	6.879 #
12)	L3 AR-1232-2	6.263	5.588	4053368	3908299	32.382	21.255 #
13)	L3 AR-1232-3	6.587	5.782	9074737	2626385	38.996	27.373 #
14)	L3 AR-1232-4	6.755	5.871	4469207	36341019	34.797	397.084 #
15)	L3 AR-1232-5	6.850	6.059	108.7E6	66010281	1296.392	653.640 #
16)	L4 AR-1242-1	6.559	5.568	5622107	4558769	21.147	17.848
17)	L4 AR-1242-2	6.587	5.588	9074737	3908299	20.345	10.846 #
18)	L4 AR-1242-3	6.648	5.782	3734022	2626385	12.644	13.567
19)	L4 AR-1242-4	6.755	5.871	4469207	36341019	18.054	182.518 #
20)	L4 AR-1242-5	7.543	6.439	72190539	284.2E6	297.550	1164.316 #
21)	L5 AR-1248-1	6.559	5.568	5622107	4558769	28.118	24.205
22)	L5 AR-1248-2	6.850	5.827	108.7E6	113.4E6	393.345	415.833
23)	L5 AR-1248-3	7.070	5.871	72620075	36341019	217.205	128.026 #
24)	L5 AR-1248-4	7.500	6.059	107.6E6	66010281	292.215	197.786 #
25)	L5 AR-1248-5	7.543	6.486	72190539	32768399	185.189	103.484 #
26)	L6 AR-1254-1	7.469	6.439	192.1E6	284.2E6	531.145	542.543
27)	L6 AR-1254-2	7.697	6.597	302.2E6	246.2E6	533.704	549.221
28)	L6 AR-1254-3	8.082	7.021	359.1E6	396.2E6	530.819	547.947
29)	L6 AR-1254-4	8.378	7.260	257.2E6	229.1E6	520.650	534.899
30)	L6 AR-1254-5	8.806	7.689	289.1E6	326.2E6	510.383	533.711
31)	L7 AR-1260-1	8.246	7.155	132.4E6	186.4E6	302.107	395.044 #
32)	L7 AR-1260-2	8.511	7.351	152.2E6	153.0E6	285.889	271.334
33)	L7 AR-1260-3	8.869f	7.507	42940205	149.4E6	92.630	284.247 #
34)	L7 AR-1260-4	9.115	7.992	125.7E6	13788548	233.654	31.586 #
35)	L7 AR-1260-5	9.467	8.236	64806472	36090006	54.029	35.866 #
36)	L8 AR-1262-1	8.869	7.689	42940205	326.2E6	66.800	976.760 #
37)	L8 AR-1262-2	9.467	8.236f	64806472	36090006	46.525	30.489 #
38)	L8 AR-1262-3	9.825f	8.526f	37281780	956943	50.178	2.158 #
39)	L8 AR-1262-4	9.876f	8.588f	11680433	30515025	16.982	36.493 #
40)	L8 AR-1262-5	10.610	9.095f	3857580	508359	5.730	1.391 #
41)	L9 AR-1268-1	9.825f	8.526f	37281780	956943	20.826	0.715 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011822\
 Data File : PQ055768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2022 12:18
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

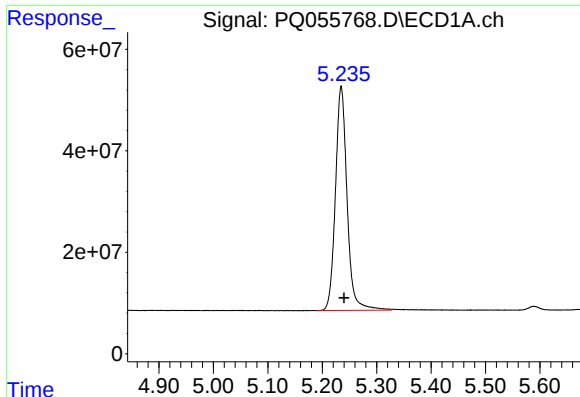
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 00:28:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 04 15:29:13 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.588f	0	30515025	N.D.	25.196 #
43) L9	AR-1268-3	10.141	8.802	1477693	428160	0.899	0.423 #
44) L9	AR-1268-4	10.610	9.095f	3857580	508359	5.206	1.262 #
45) L9	AR-1268-5	11.053	9.402f	4695385	1648164	0.846	0.526 #

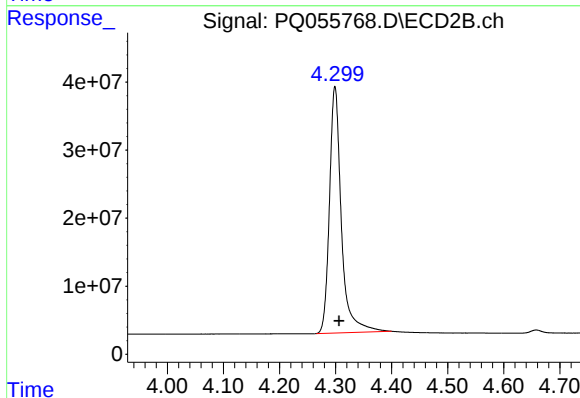
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

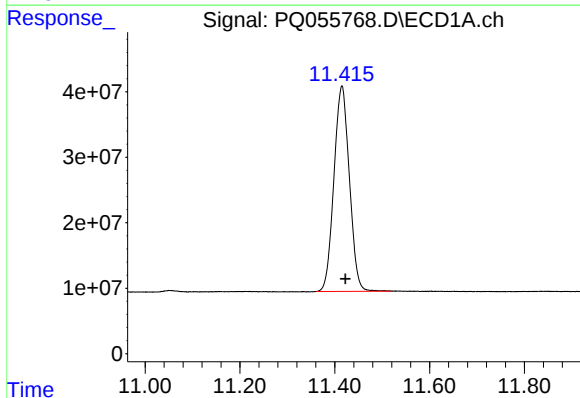
R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 656845260
Conc: 57.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



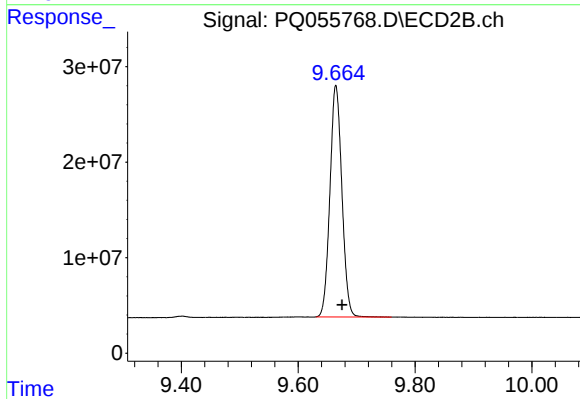
#1 Tetrachloro-m-xylene

R.T.: 4.299 min
Delta R.T.: -0.007 min
Response: 535239674
Conc: 55.61 ng/ml



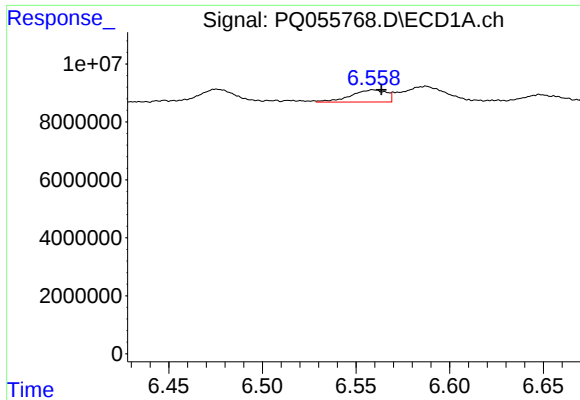
#2 Decachlorobiphenyl

R.T.: 11.415 min
Delta R.T.: -0.007 min
Response: 708361399
Conc: 47.50 ng/ml



#2 Decachlorobiphenyl

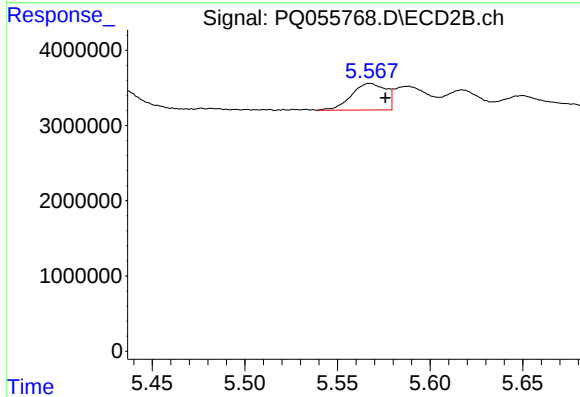
R.T.: 9.665 min
Delta R.T.: -0.011 min
Response: 343618348
Conc: 46.24 ng/ml



#3 AR-1016-1

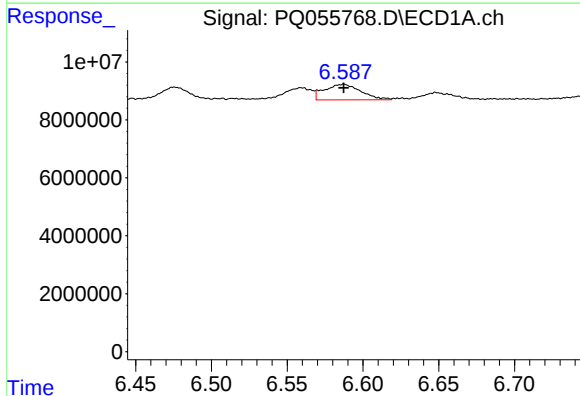
R.T.: 6.559 min
Delta R.T.: -0.004 min
Response: 5622107
Conc: 17.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



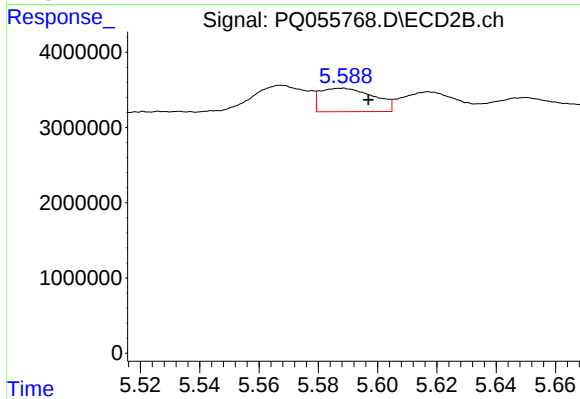
#3 AR-1016-1

R.T.: 5.568 min
Delta R.T.: -0.008 min
Response: 4558769
Conc: 14.44 ng/ml



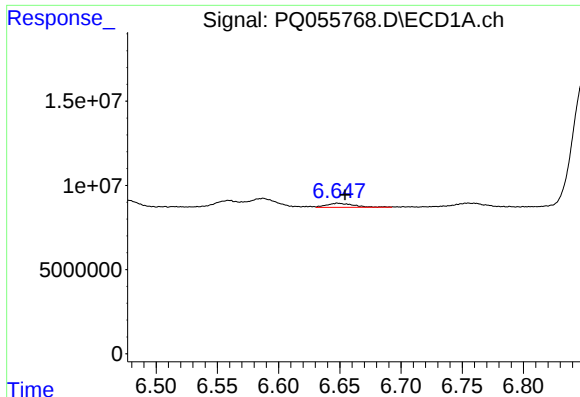
#4 AR-1016-2

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 9074737
Conc: 16.64 ng/ml



#4 AR-1016-2

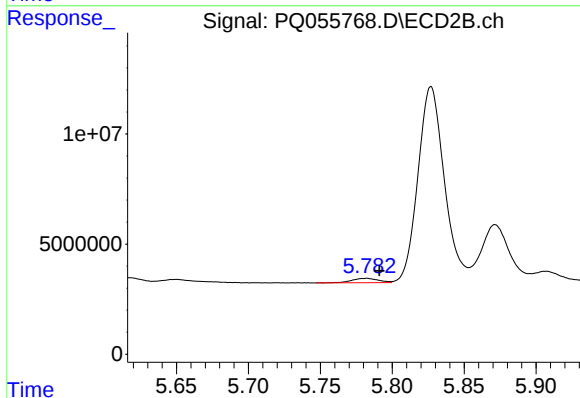
R.T.: 5.588 min
Delta R.T.: -0.009 min
Response: 3908299
Conc: 8.75 ng/ml



#5 AR-1016-3

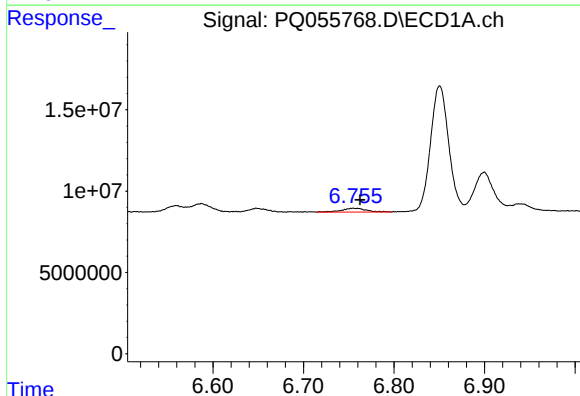
R.T.: 6.648 min
Delta R.T.: -0.006 min
Response: 3734022
Conc: 10.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



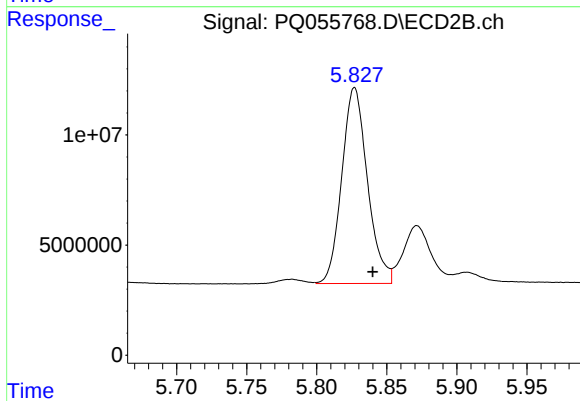
#5 AR-1016-3

R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 2626385
Conc: 10.99 ng/ml



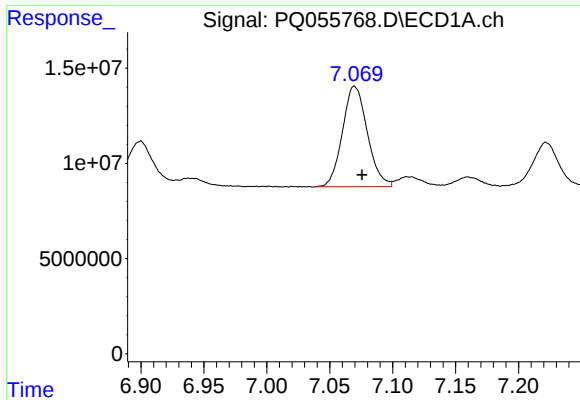
#6 AR-1016-4

R.T.: 6.755 min
Delta R.T.: -0.008 min
Response: 4469207
Conc: 14.71 ng/ml



#6 AR-1016-4

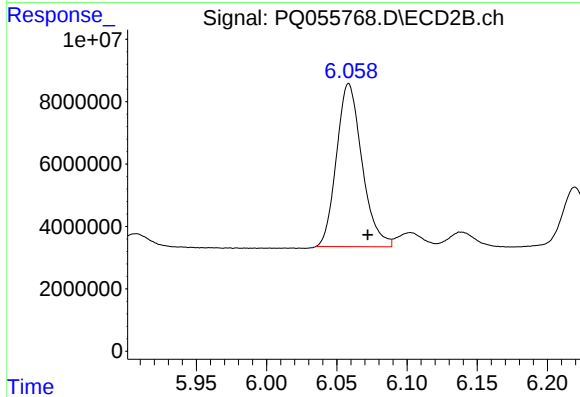
R.T.: 5.827 min
Delta R.T.: -0.013 min
Response: 113377367
Conc: 543.46 ng/ml



#7 AR-1016-5

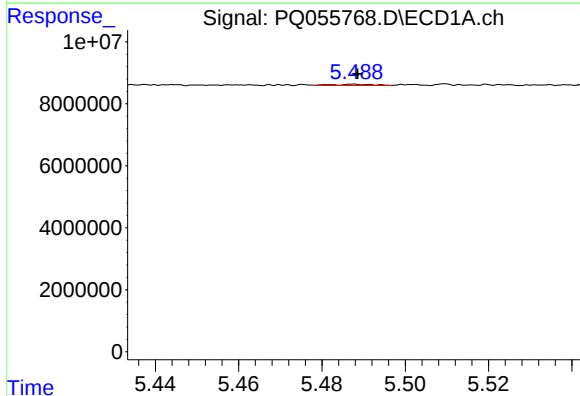
R.T.: 7.070 min
Delta R.T.: -0.006 min
Response: 72620075
Conc: 275.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



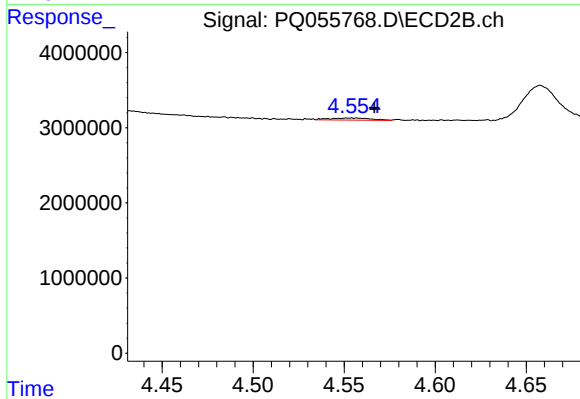
#7 AR-1016-5

R.T.: 6.059 min
Delta R.T.: -0.014 min
Response: 66010281
Conc: 253.72 ng/ml



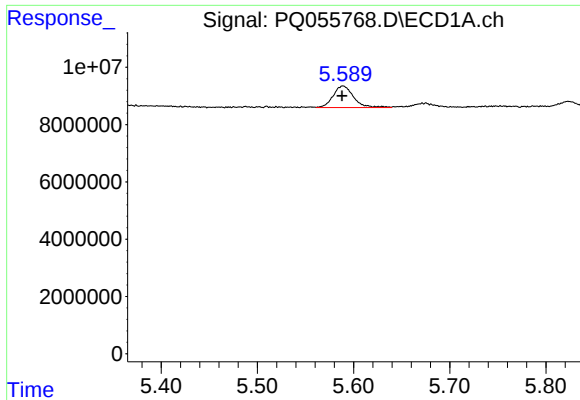
#8 AR-1221-1

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 280367
Conc: 2.08 ng/ml



#8 AR-1221-1

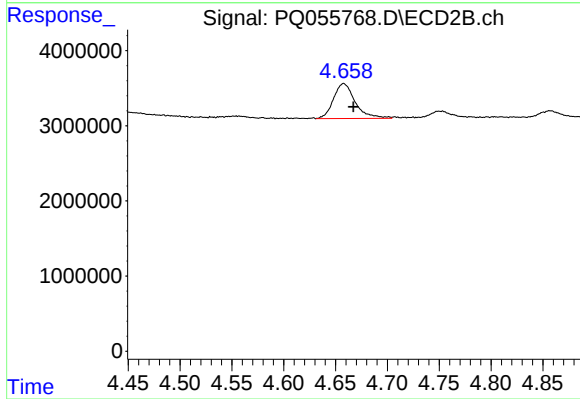
R.T.: 4.554 min
Delta R.T.: -0.012 min
Response: 429436
Conc: 4.14 ng/ml



#9 AR-1221-2

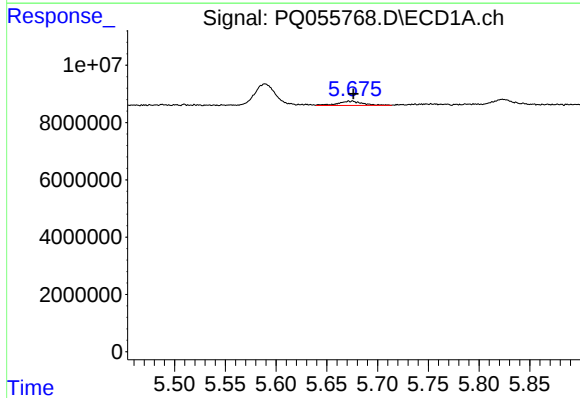
R.T.: 5.589 min
Delta R.T.: 0.001 min
Response: 11122084
Conc: 105.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



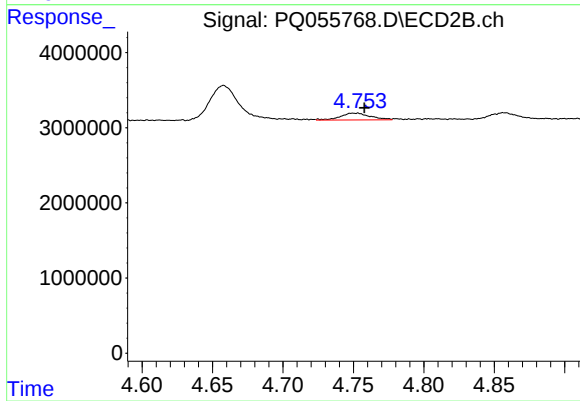
#9 AR-1221-2

R.T.: 4.658 min
Delta R.T.: -0.009 min
Response: 6802254
Conc: 87.04 ng/ml



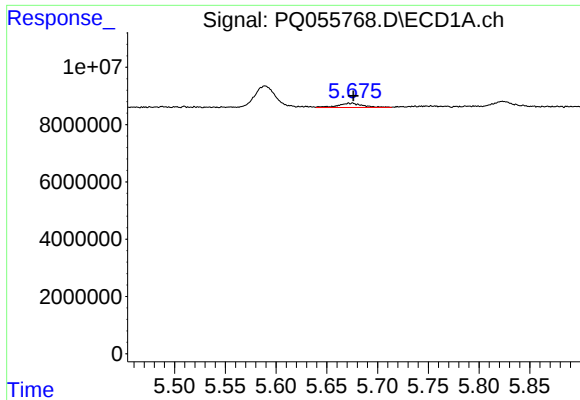
#10 AR-1221-3

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 2504446
Conc: 8.23 ng/ml



#10 AR-1221-3

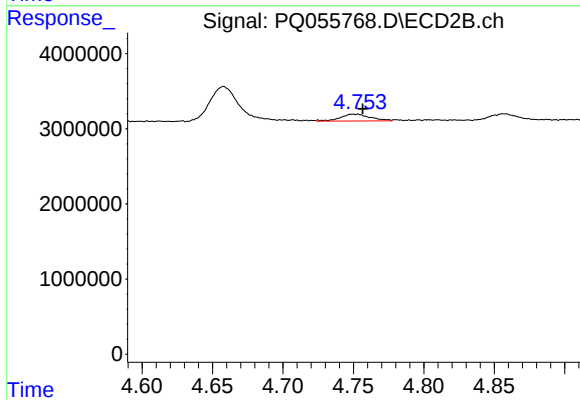
R.T.: 4.750 min
Delta R.T.: -0.008 min
Response: 1352805
Conc: 5.54 ng/ml



#11 AR-1232-1

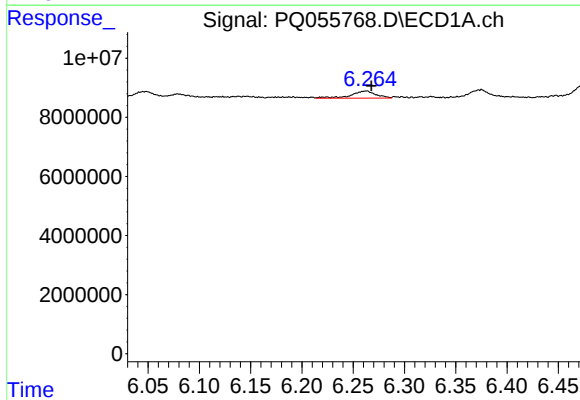
R.T.: 5.675 min
Delta R.T.: -0.001 min
Response: 2504446
Conc: 10.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



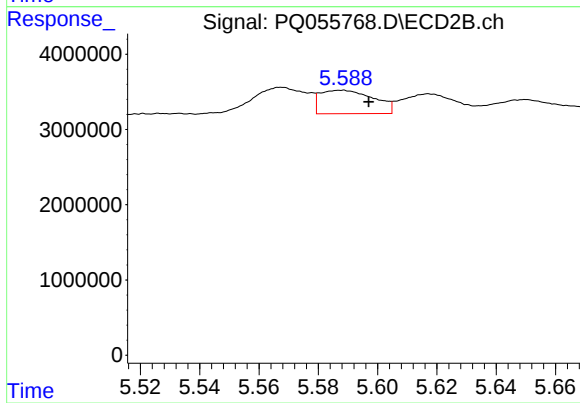
#11 AR-1232-1

R.T.: 4.750 min
Delta R.T.: -0.007 min
Response: 1352805
Conc: 6.88 ng/ml



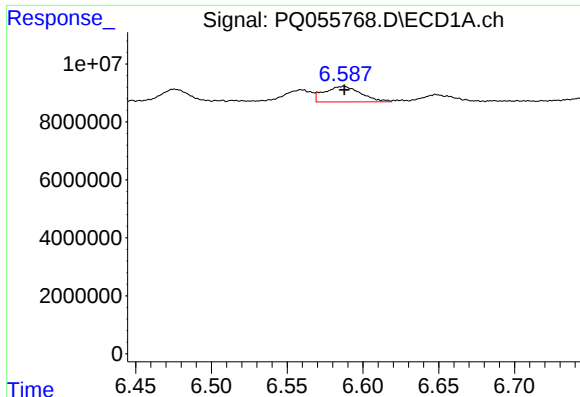
#12 AR-1232-2

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 4053368
Conc: 32.38 ng/ml



#12 AR-1232-2

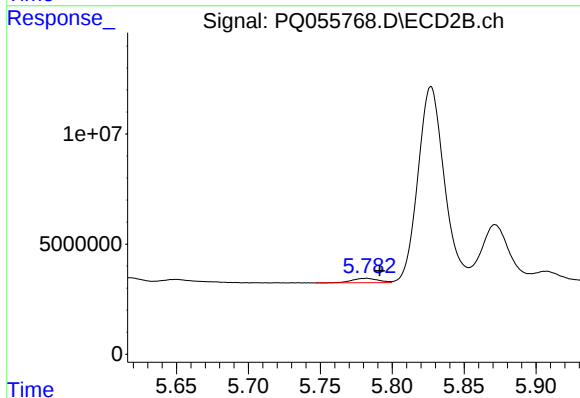
R.T.: 5.588 min
Delta R.T.: -0.009 min
Response: 3908299
Conc: 21.26 ng/ml



#13 AR-1232-3

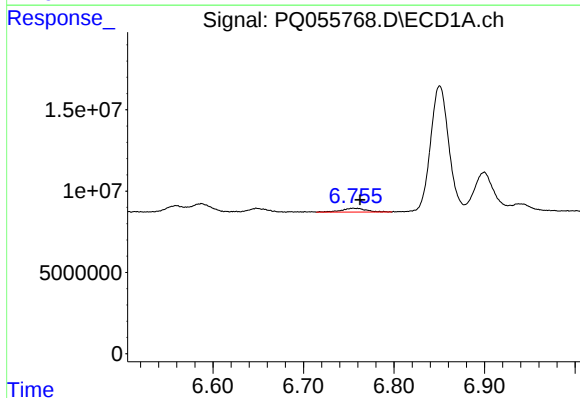
R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 9074737
Conc: 39.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



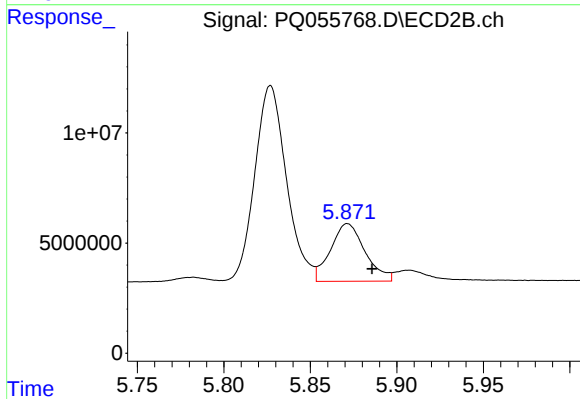
#13 AR-1232-3

R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 2626385
Conc: 27.37 ng/ml



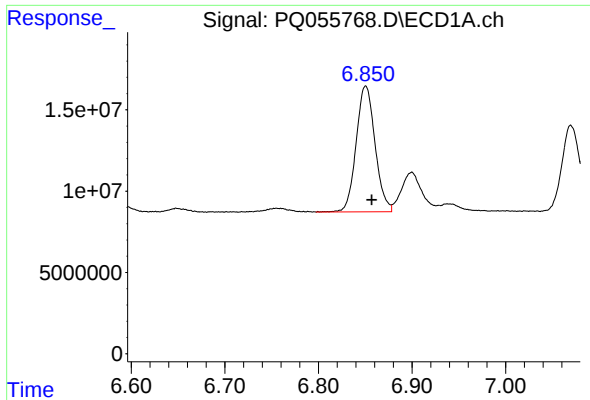
#14 AR-1232-4

R.T.: 6.755 min
Delta R.T.: -0.008 min
Response: 4469207
Conc: 34.80 ng/ml



#14 AR-1232-4

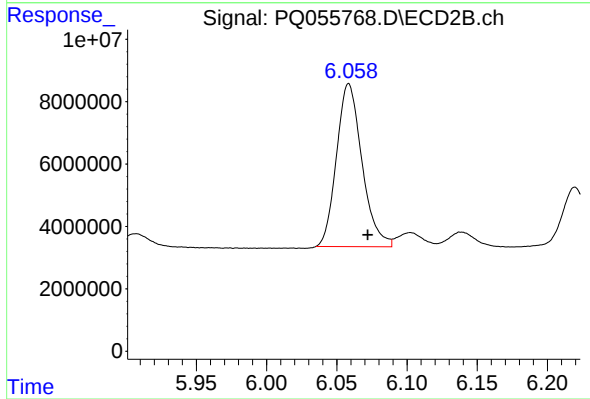
R.T.: 5.871 min
Delta R.T.: -0.014 min
Response: 36341019
Conc: 397.08 ng/ml



#15 AR-1232-5

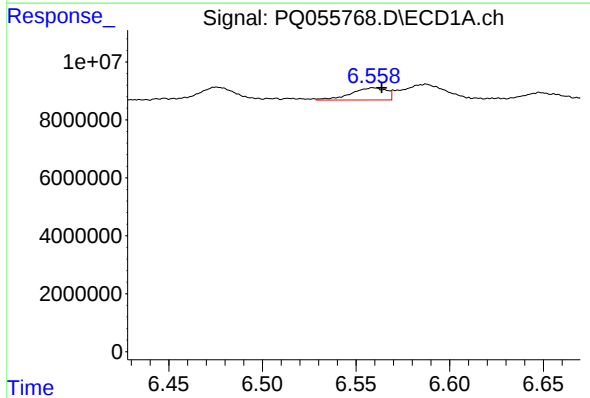
R.T.: 6.850 min
Delta R.T.: -0.007 min
Response: 108684067
Conc: 1296.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



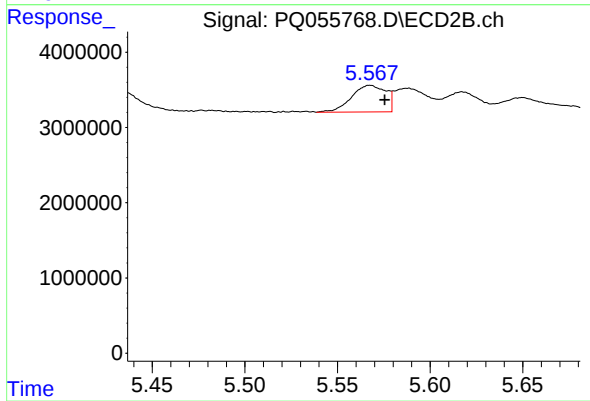
#15 AR-1232-5

R.T.: 6.059 min
Delta R.T.: -0.013 min
Response: 66010281
Conc: 653.64 ng/ml



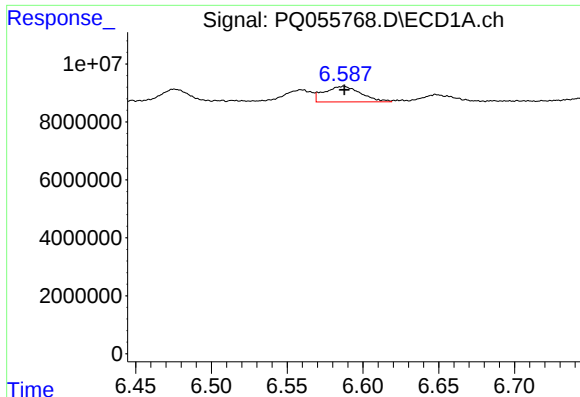
#16 AR-1242-1

R.T.: 6.559 min
Delta R.T.: -0.004 min
Response: 5622107
Conc: 21.15 ng/ml



#16 AR-1242-1

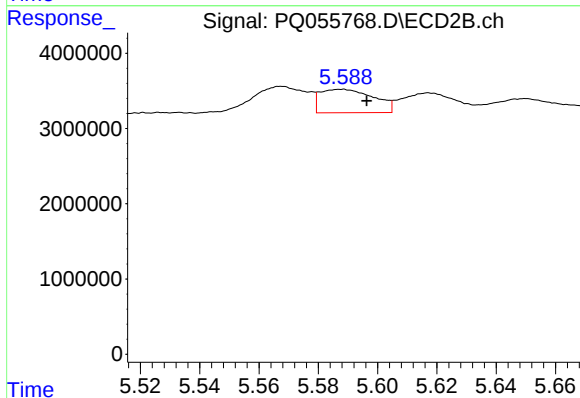
R.T.: 5.568 min
Delta R.T.: -0.008 min
Response: 4558769
Conc: 17.85 ng/ml



#17 AR-1242-2

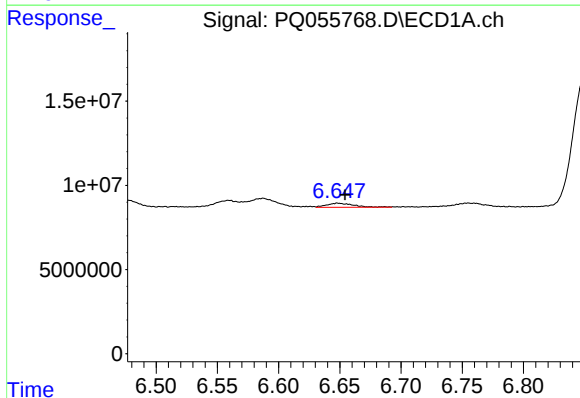
R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 9074737
Conc: 20.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



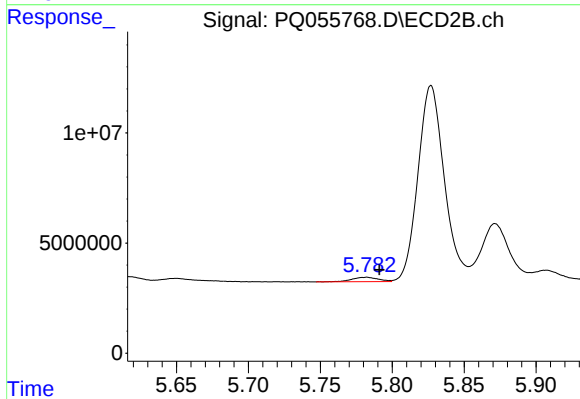
#17 AR-1242-2

R.T.: 5.588 min
Delta R.T.: -0.009 min
Response: 3908299
Conc: 10.85 ng/ml



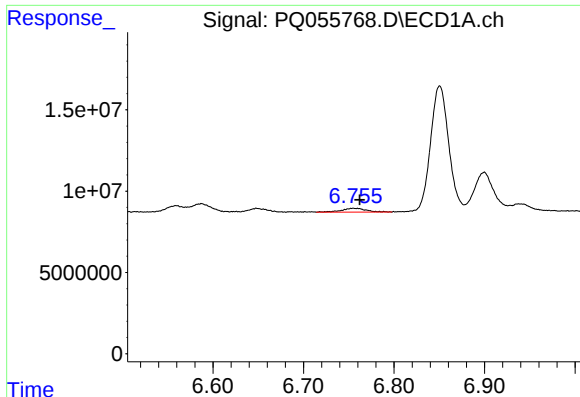
#18 AR-1242-3

R.T.: 6.648 min
Delta R.T.: -0.006 min
Response: 3734022
Conc: 12.64 ng/ml



#18 AR-1242-3

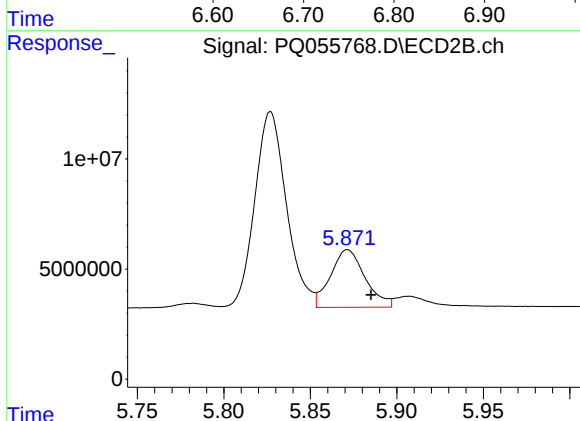
R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 2626385
Conc: 13.57 ng/ml



#19 AR-1242-4

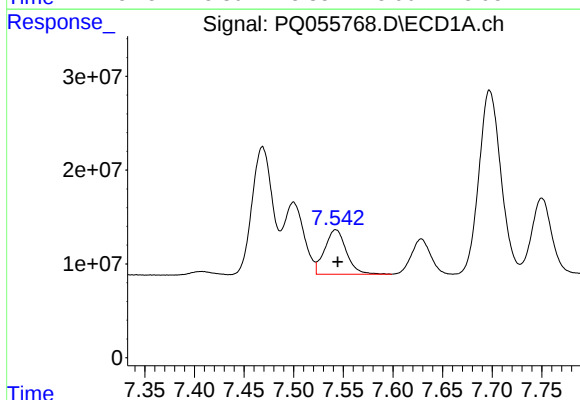
R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 4469207
Conc: 18.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



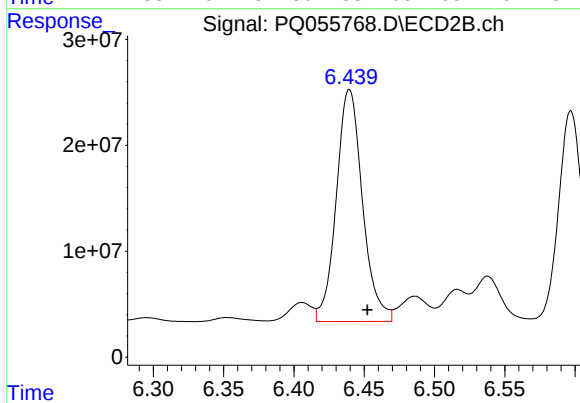
#19 AR-1242-4

R.T.: 5.871 min
Delta R.T.: -0.014 min
Response: 36341019
Conc: 182.52 ng/ml



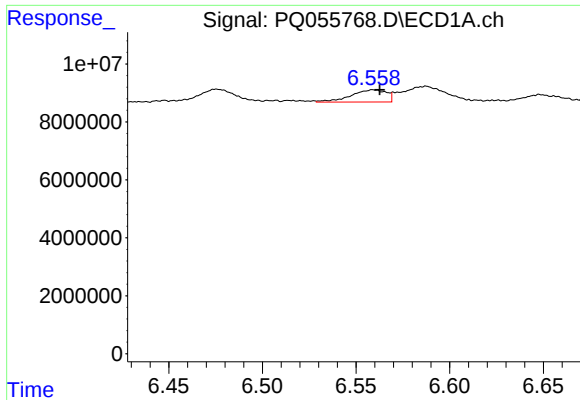
#20 AR-1242-5

R.T.: 7.543 min
Delta R.T.: -0.002 min
Response: 72190539
Conc: 297.55 ng/ml



#20 AR-1242-5

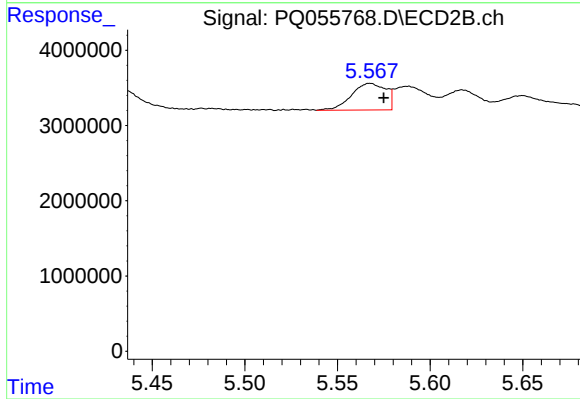
R.T.: 6.439 min
Delta R.T.: -0.013 min
Response: 284178870
Conc: 1164.32 ng/ml



#21 AR-1248-1

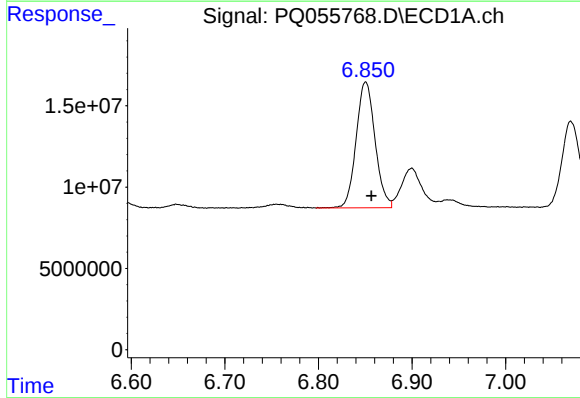
R.T.: 6.559 min
Delta R.T.: -0.003 min
Response: 5622107
Conc: 28.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



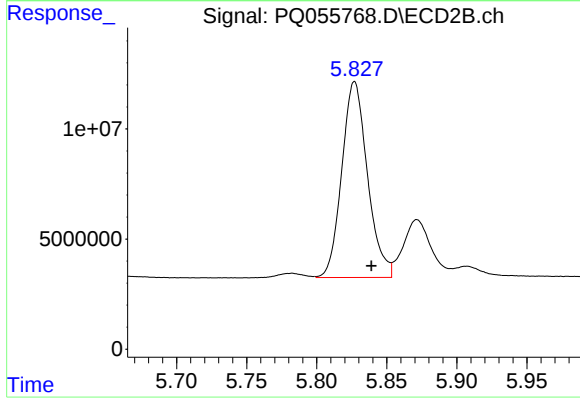
#21 AR-1248-1

R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 4558769
Conc: 24.20 ng/ml



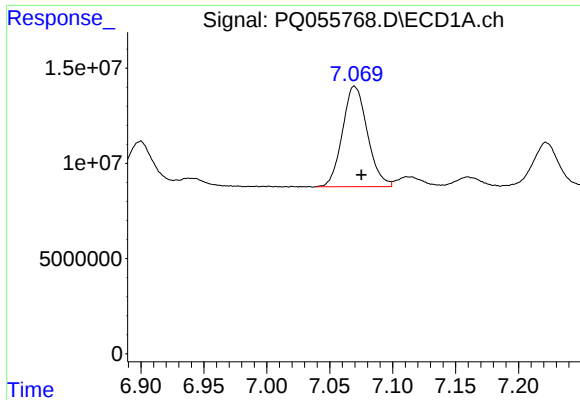
#22 AR-1248-2

R.T.: 6.850 min
Delta R.T.: -0.006 min
Response: 108684067
Conc: 393.35 ng/ml



#22 AR-1248-2

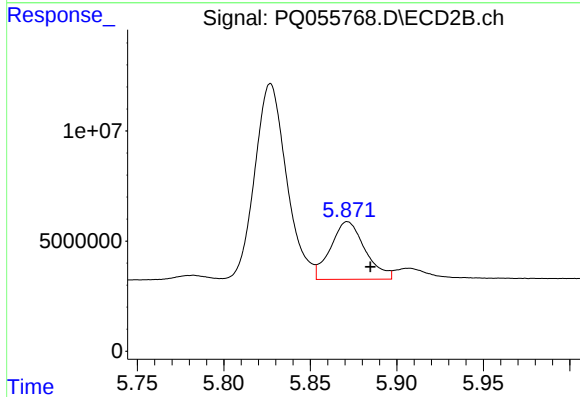
R.T.: 5.827 min
Delta R.T.: -0.012 min
Response: 113377367
Conc: 415.83 ng/ml



#23 AR-1248-3

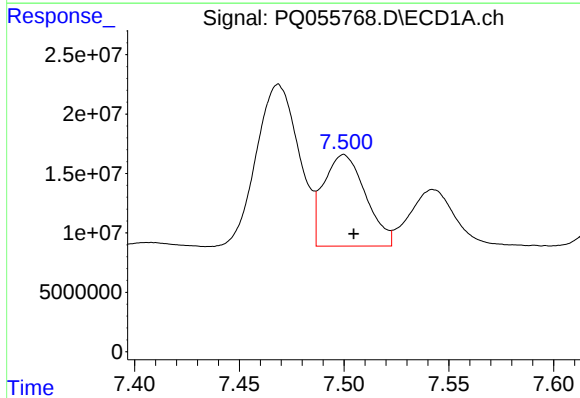
R.T.: 7.070 min
Delta R.T.: -0.006 min
Response: 72620075
Conc: 217.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



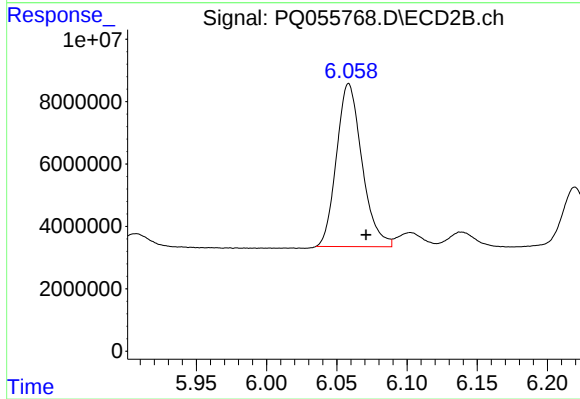
#23 AR-1248-3

R.T.: 5.871 min
Delta R.T.: -0.013 min
Response: 36341019
Conc: 128.03 ng/ml



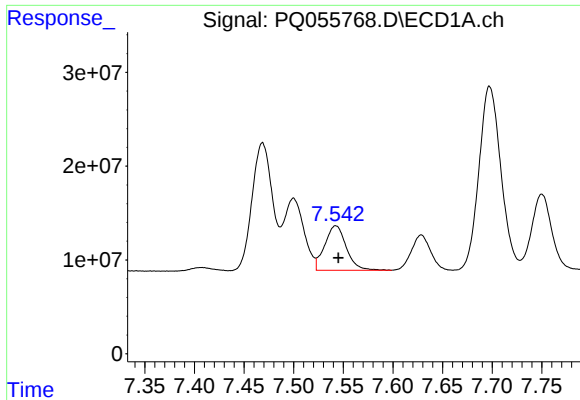
#24 AR-1248-4

R.T.: 7.500 min
Delta R.T.: -0.005 min
Response: 107570056
Conc: 292.21 ng/ml



#24 AR-1248-4

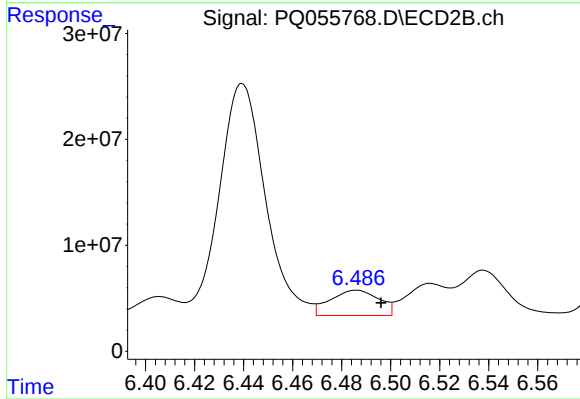
R.T.: 6.059 min
Delta R.T.: -0.012 min
Response: 66010281
Conc: 197.79 ng/ml



#25 AR-1248-5

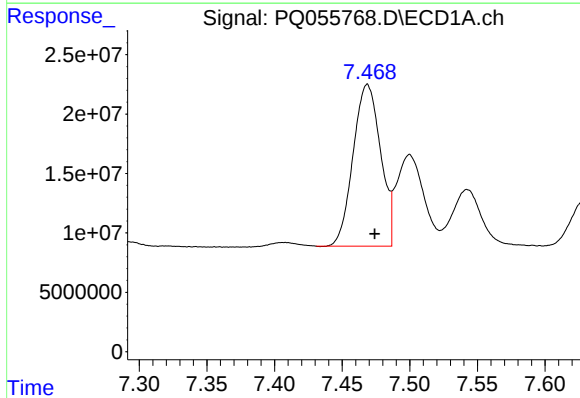
R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 72190539
Conc: 185.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



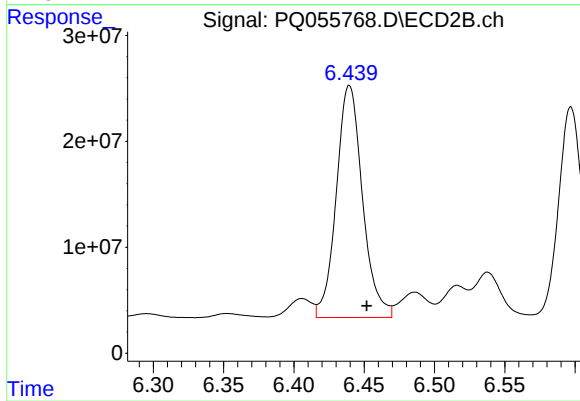
#25 AR-1248-5

R.T.: 6.486 min
Delta R.T.: -0.010 min
Response: 32768399
Conc: 103.48 ng/ml



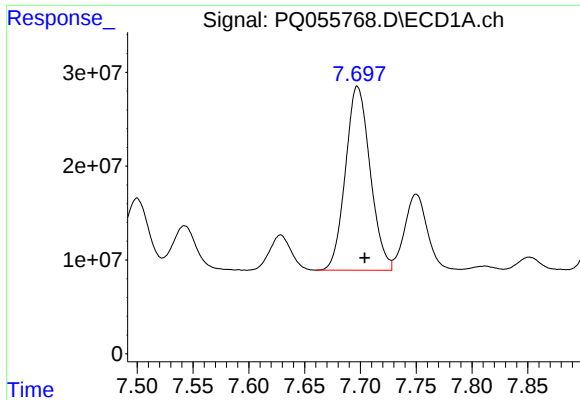
#26 AR-1254-1

R.T.: 7.469 min
Delta R.T.: -0.005 min
Response: 192144739
Conc: 531.14 ng/ml



#26 AR-1254-1

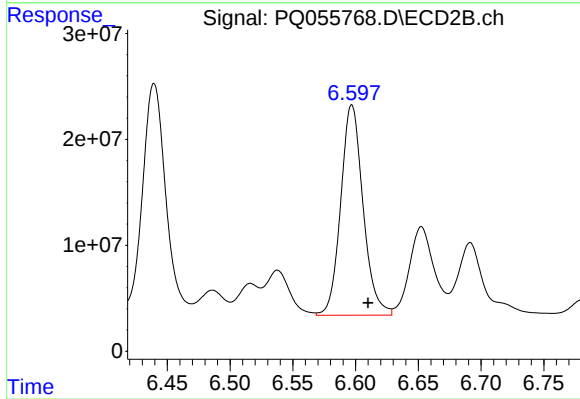
R.T.: 6.439 min
Delta R.T.: -0.012 min
Response: 284178870
Conc: 542.54 ng/ml



#27 AR-1254-2

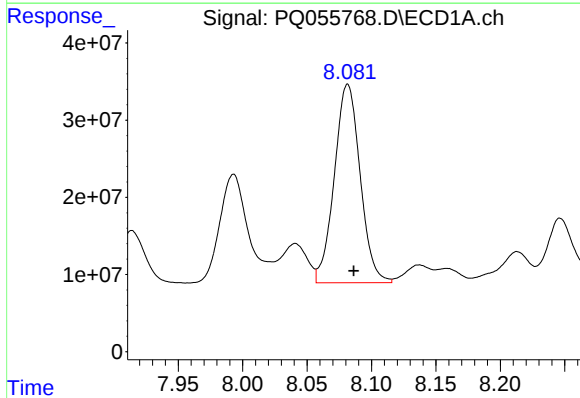
R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 302157705
Conc: 533.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



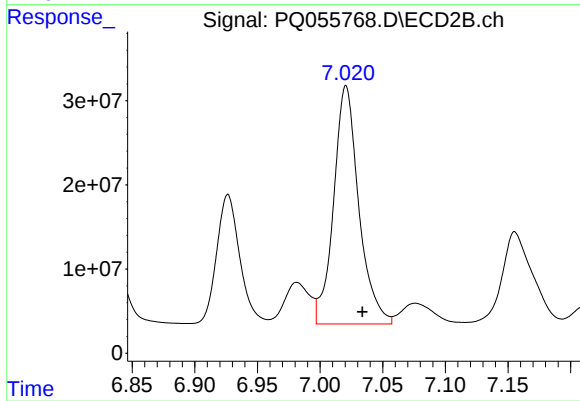
#27 AR-1254-2

R.T.: 6.597 min
Delta R.T.: -0.013 min
Response: 246173441
Conc: 549.22 ng/ml



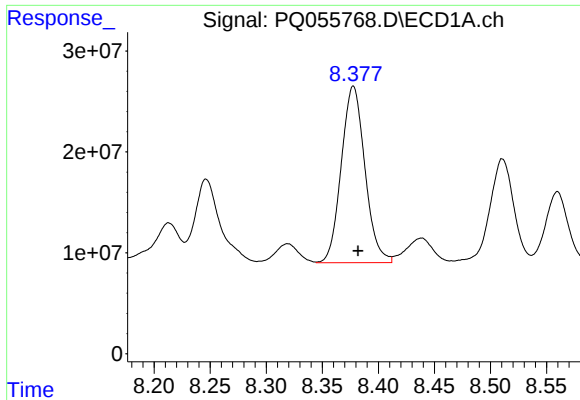
#28 AR-1254-3

R.T.: 8.082 min
Delta R.T.: -0.005 min
Response: 359132489
Conc: 530.82 ng/ml



#28 AR-1254-3

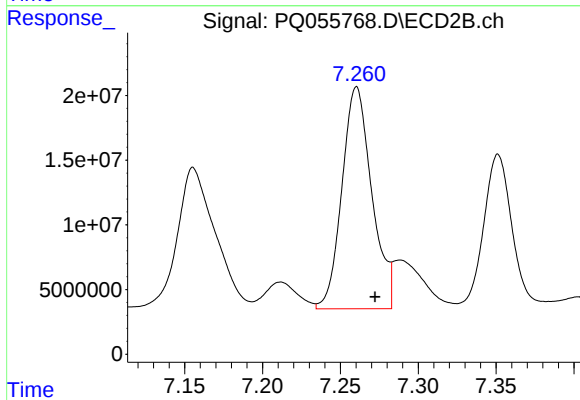
R.T.: 7.021 min
Delta R.T.: -0.013 min
Response: 396214632
Conc: 547.95 ng/ml



#29 AR-1254-4

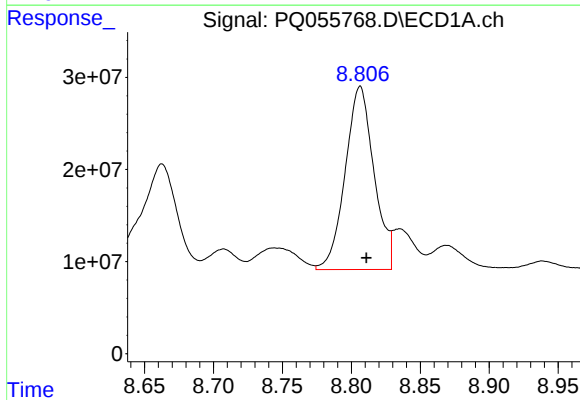
R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 257173397
Conc: 520.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



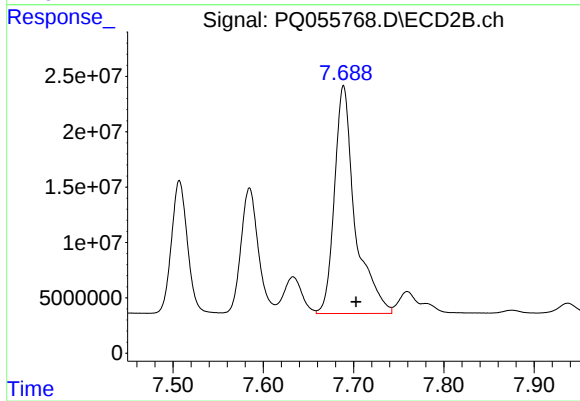
#29 AR-1254-4

R.T.: 7.260 min
Delta R.T.: -0.012 min
Response: 229136956
Conc: 534.90 ng/ml



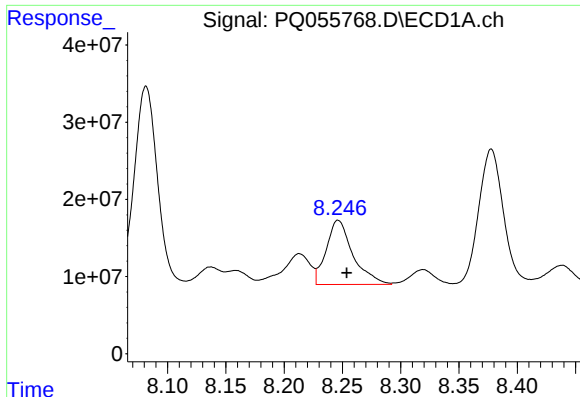
#30 AR-1254-5

R.T.: 8.806 min
Delta R.T.: -0.005 min
Response: 289061587
Conc: 510.38 ng/ml



#30 AR-1254-5

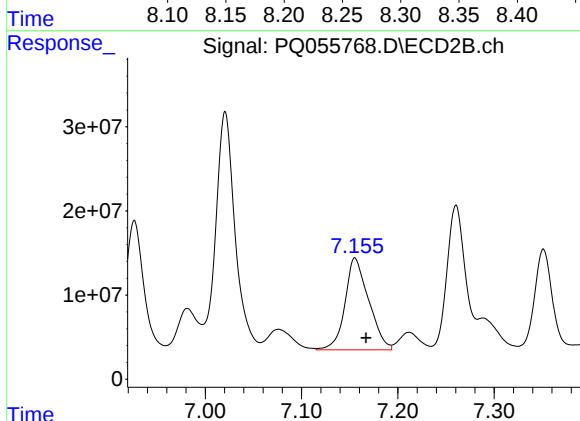
R.T.: 7.689 min
Delta R.T.: -0.014 min
Response: 326198245
Conc: 533.71 ng/ml



#31 AR-1260-1

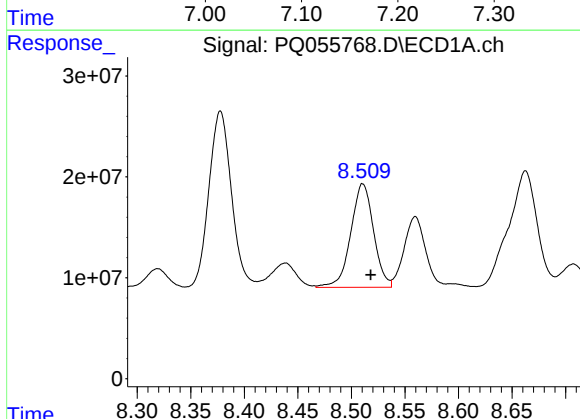
R.T.: 8.246 min
Delta R.T.: -0.007 min
Response: 132416807
Conc: 302.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



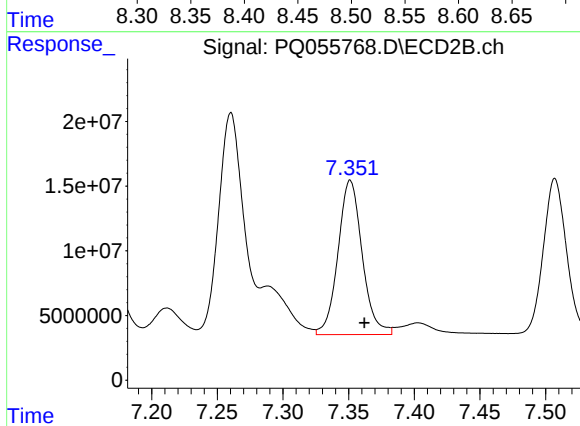
#31 AR-1260-1

R.T.: 7.155 min
Delta R.T.: -0.012 min
Response: 186369151
Conc: 395.04 ng/ml



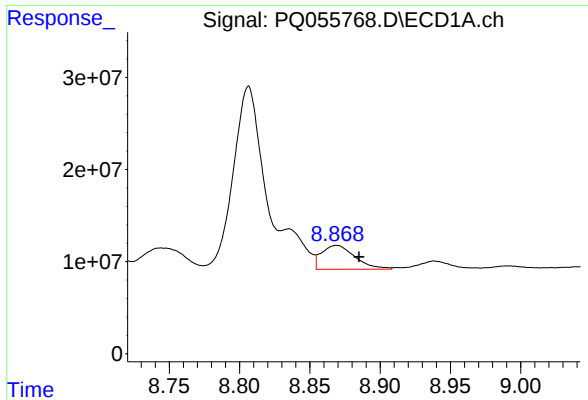
#32 AR-1260-2

R.T.: 8.511 min
Delta R.T.: -0.007 min
Response: 152233442
Conc: 285.89 ng/ml



#32 AR-1260-2

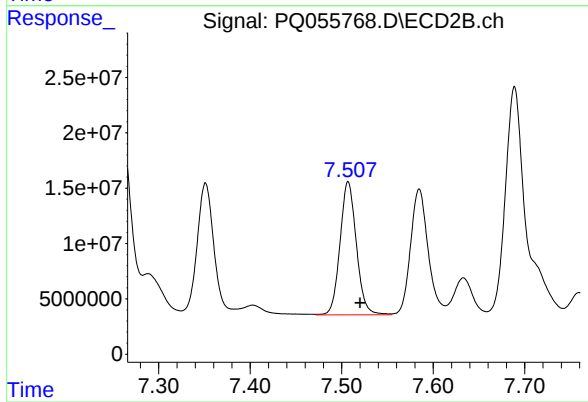
R.T.: 7.351 min
Delta R.T.: -0.011 min
Response: 153015653
Conc: 271.33 ng/ml



#33 AR-1260-3

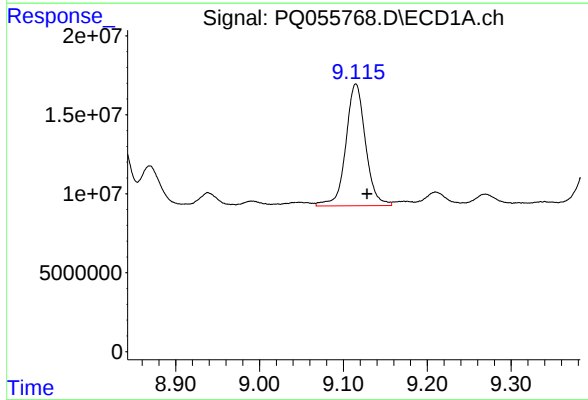
R.T.: 8.869 min
Delta R.T.: -0.016 min
Response: 42940205
Conc: 92.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



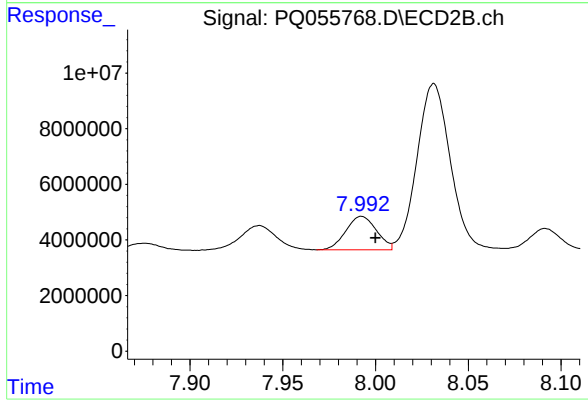
#33 AR-1260-3

R.T.: 7.507 min
Delta R.T.: -0.013 min
Response: 149429543
Conc: 284.25 ng/ml



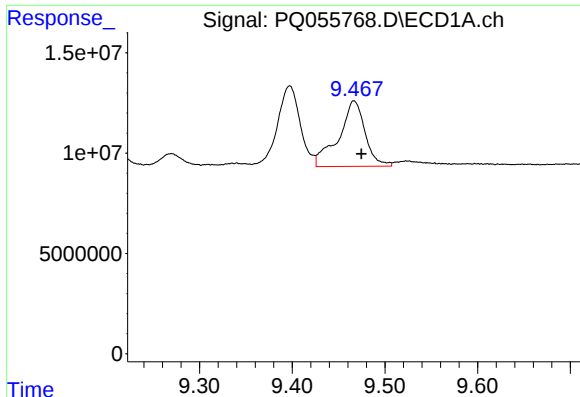
#34 AR-1260-4

R.T.: 9.115 min
Delta R.T.: -0.013 min
Response: 125733228
Conc: 233.65 ng/ml



#34 AR-1260-4

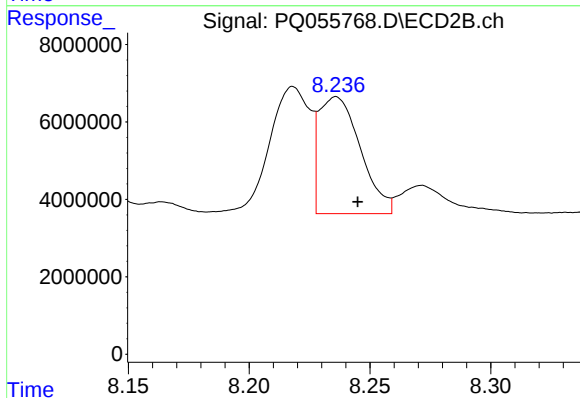
R.T.: 7.992 min
Delta R.T.: -0.008 min
Response: 13788548
Conc: 31.59 ng/ml



#35 AR-1260-5

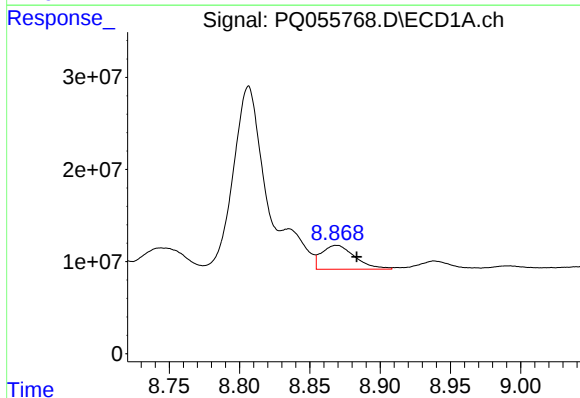
R.T.: 9.467 min
Delta R.T.: -0.008 min
Response: 64806472
Conc: 54.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



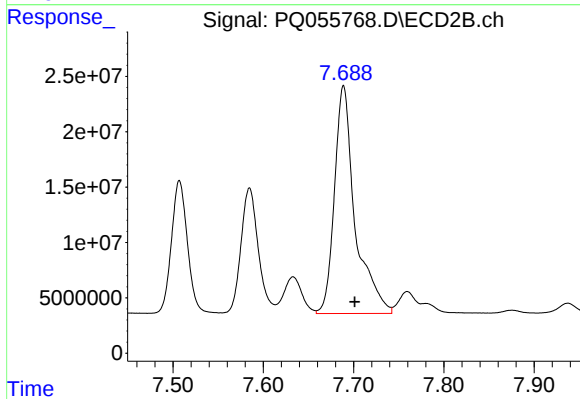
#35 AR-1260-5

R.T.: 8.236 min
Delta R.T.: -0.009 min
Response: 36090006
Conc: 35.87 ng/ml



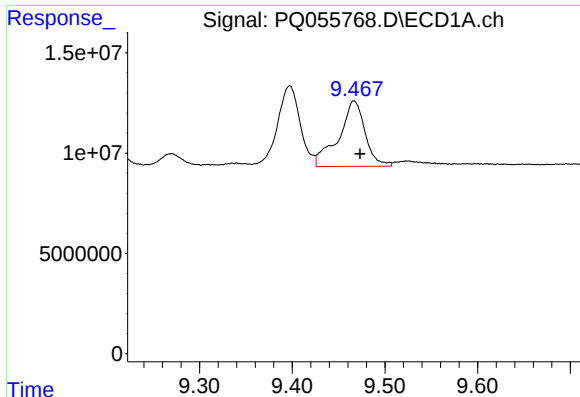
#36 AR-1262-1

R.T.: 8.869 min
Delta R.T.: -0.014 min
Response: 42940205
Conc: 66.80 ng/ml



#36 AR-1262-1

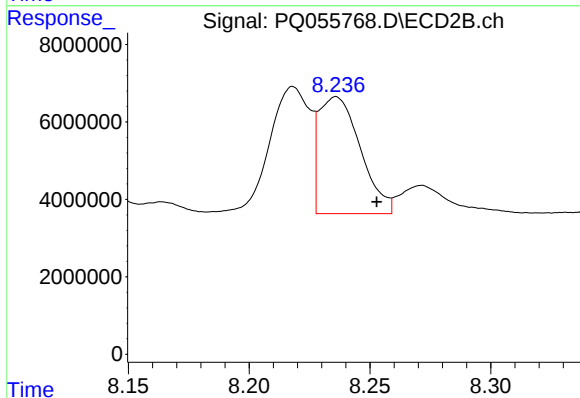
R.T.: 7.689 min
Delta R.T.: -0.012 min
Response: 326198245
Conc: 976.76 ng/ml



#37 AR-1262-2

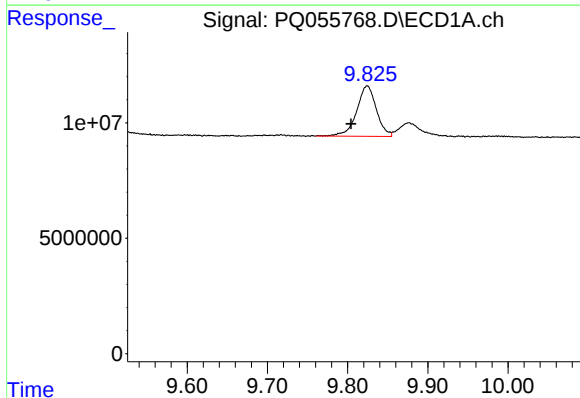
R.T.: 9.467 min
Delta R.T.: -0.006 min
Response: 64806472
Conc: 46.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



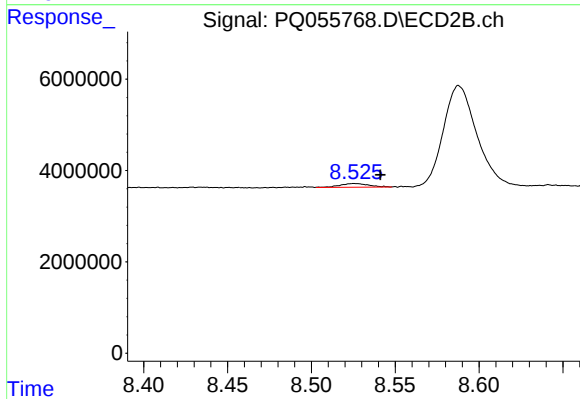
#37 AR-1262-2

R.T.: 8.236 min
Delta R.T.: -0.017 min
Response: 36090006
Conc: 30.49 ng/ml



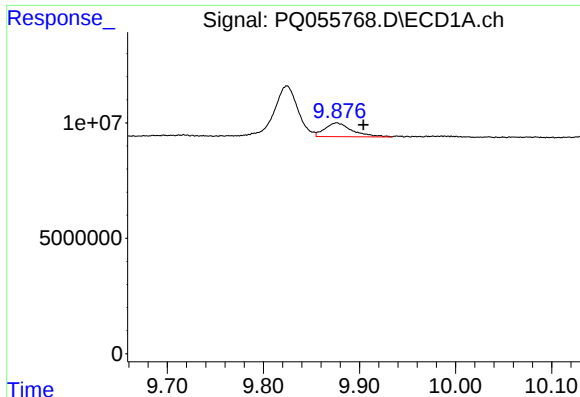
#38 AR-1262-3

R.T.: 9.825 min
Delta R.T.: 0.020 min
Response: 37281780
Conc: 50.18 ng/ml



#38 AR-1262-3

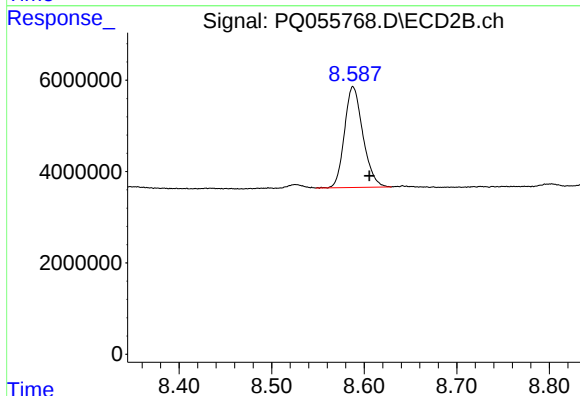
R.T.: 8.526 min
Delta R.T.: -0.015 min
Response: 956943
Conc: 2.16 ng/ml



#39 AR-1262-4

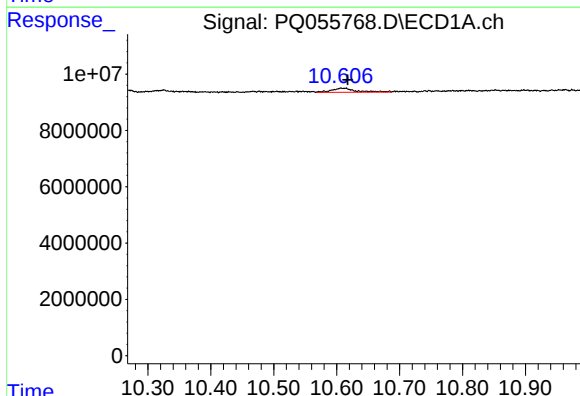
R.T.: 9.876 min
Delta R.T.: -0.028 min
Response: 11680433
Conc: 16.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



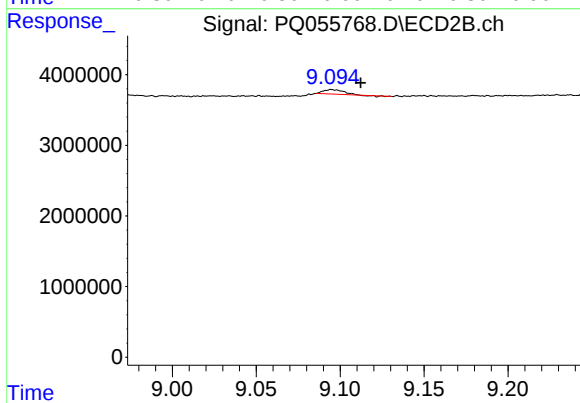
#39 AR-1262-4

R.T.: 8.588 min
Delta R.T.: -0.018 min
Response: 30515025
Conc: 36.49 ng/ml



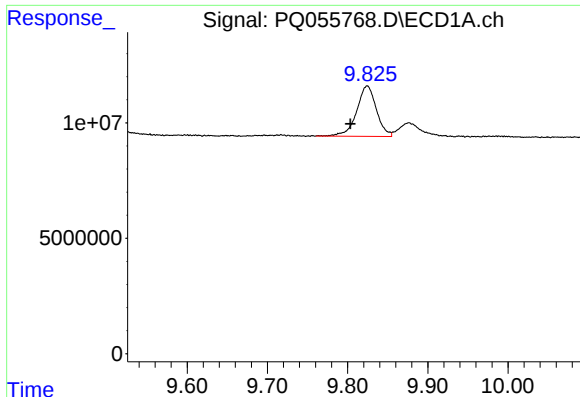
#40 AR-1262-5

R.T.: 10.610 min
Delta R.T.: -0.007 min
Response: 3857580
Conc: 5.73 ng/ml



#40 AR-1262-5

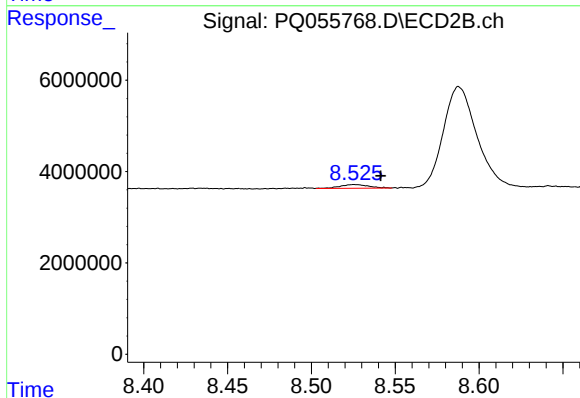
R.T.: 9.095 min
Delta R.T.: -0.017 min
Response: 508359
Conc: 1.39 ng/ml



#41 AR-1268-1

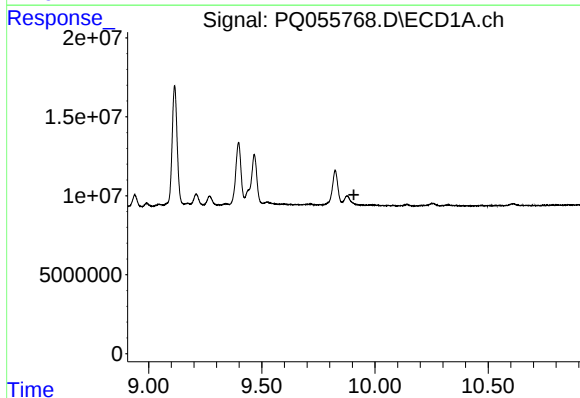
R.T.: 9.825 min
Delta R.T.: 0.021 min
Response: 37281780
Conc: 20.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



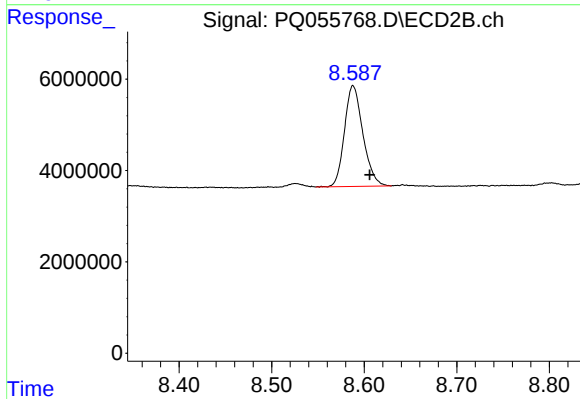
#41 AR-1268-1

R.T.: 8.526 min
Delta R.T.: -0.016 min
Response: 956943
Conc: 0.72 ng/ml



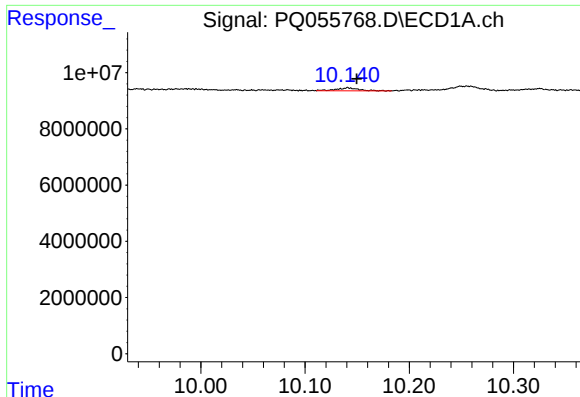
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.907 min
Response: 0
Conc: N.D.



#42 AR-1268-2

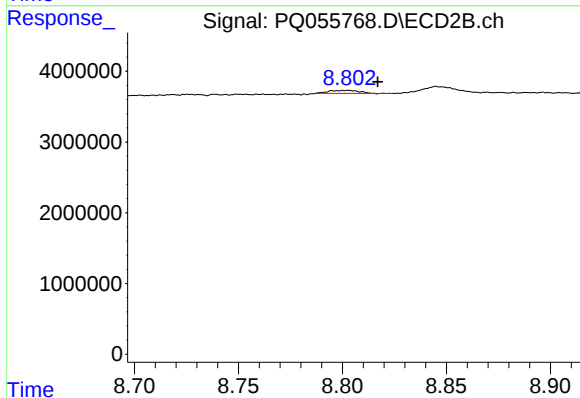
R.T.: 8.588 min
Delta R.T.: -0.018 min
Response: 30515025
Conc: 25.20 ng/ml



#43 AR-1268-3

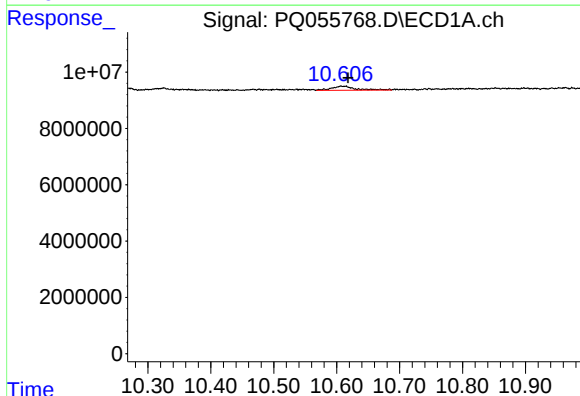
R.T.: 10.141 min
Delta R.T.: -0.008 min
Response: 1477693
Conc: 0.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



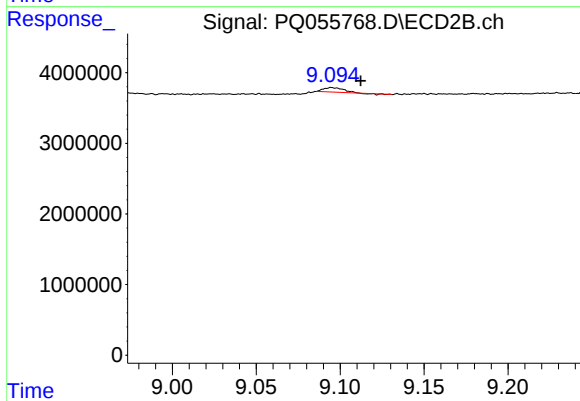
#43 AR-1268-3

R.T.: 8.802 min
Delta R.T.: -0.015 min
Response: 428160
Conc: 0.42 ng/ml



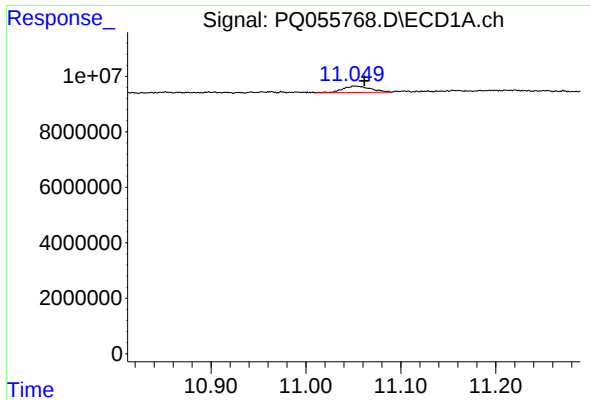
#44 AR-1268-4

R.T.: 10.610 min
Delta R.T.: -0.008 min
Response: 3857580
Conc: 5.21 ng/ml



#44 AR-1268-4

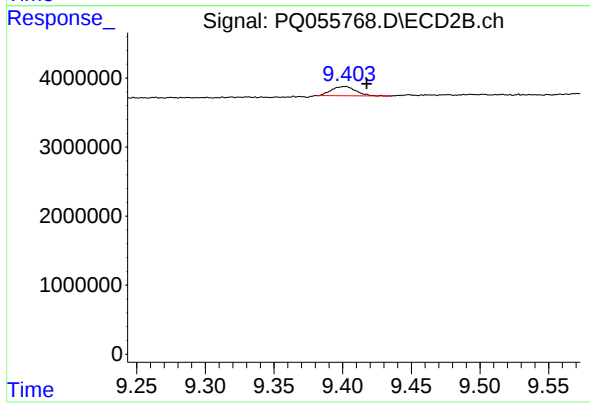
R.T.: 9.095 min
Delta R.T.: -0.017 min
Response: 508359
Conc: 1.26 ng/ml



#45 AR-1268-5

R.T.: 11.053 min
Delta R.T.: -0.009 min
Response: 4695385
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.402 min
Delta R.T.: -0.016 min
Response: 1648164
Conc: 0.53 ng/ml