

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100318\
 Data File : PQ032581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2018 14:13
 Operator : SM\SJ
 Sample : J5145-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:26:45 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 2018
 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...	4.590	3.868	45981673	38299547	19.831	19.124
2)	SA Decachlor...	10.443	8.937	37682487	28709432	18.076	14.826
Target Compounds							
3)	L1 AR-1016-1	5.303	4.549	14022547	11186668	264.965	231.848
4)	L1 AR-1016-2	5.499	4.965	13735934	16148351	261.937	239.298
5)	L1 AR-1016-3	5.768	4.984	18862471	22118970	255.754	236.742
6)	L1 AR-1016-4	5.853	5.041	16921353	15611937	247.889	262.954
7)	L1 AR-1016-5	6.247	5.418	14199630	22409624	260.752	428.793 #
8)	L2 AR-1221-1	0.000	4.082	0	1637269	N.D.	80.761 #
9)	L2 AR-1221-2	4.888	4.171	1883474	2304476	107.305	147.507 #
10)	L2 AR-1221-3	4.965	4.248	9561043	8444308	172.631	172.430
11)	L3 AR-1232-1	5.790	4.744	28155061	13144629	679.279	754.130
12)	L3 AR-1232-2	5.953	4.858	14979330	3347478	724.109	663.441
13)	L3 AR-1232-3	6.130	5.244	25019672	12143676	4341.551	774.229 #
14)	L3 AR-1232-4	6.457	5.568	2796348	20676840	579.714	1119.639 #
15)	L3 AR-1232-5	7.321	6.150	11054781	1862497	4292.874	652.725 #
16)	L4 AR-1242-1	5.333	4.569	8000307	6838074	361.581	344.005
17)	L4 AR-1242-2	6.086	5.163	11435229	11564359	314.973	322.346
18)	L4 AR-1242-3	6.288	5.276	5677073	4388685	333.137	372.766
19)	L4 AR-1242-4	6.333	5.641	3883745	15030288	255.074	1441.417 #
20)	L4 AR-1242-5	6.389	6.043	12221114	4436249	268.958	186.899 #
21)	L5 AR-1248-1	6.041	5.201	12145613	9699570	209.869	197.216
22)	L5 AR-1248-2	6.627	5.772	52914871	13507372	941.433	147.757 #
23)	L5 AR-1248-3	6.627	5.797	52914871	32046672	707.436	506.697 #
24)	L5 AR-1248-4	6.691	5.992	3905448	11612320	55.167	212.851 #
25)	L5 AR-1248-5	6.909	6.337	8583297	39416272	187.653	968.433 #
26)	L6 AR-1254-1	6.841	5.916	14248569	12178560	85.930	101.289
27)	L6 AR-1254-2	7.126	6.234	14632291	10648931	143.852	107.750 #
28)	L6 AR-1254-3	7.227	6.551	45623091	6466448	250.864	51.564 #
29)	L6 AR-1254-4	7.497	6.876	25334048	2833049	190.126	32.208 #
30)	L6 AR-1254-5	7.794	6.969	4911954	36677944	48.041	211.152 #
31)	L7 AR-1260-1	7.375	6.453	38523500	36531443	330.275	340.959
32)	L7 AR-1260-2	7.630	6.637	44802373	58863749	333.863	455.093 #
33)	L7 AR-1260-3	7.917	6.795	43245862	26141366	279.096	216.628
34)	L7 AR-1260-4	8.224	7.267	24232082	21005931	212.122	214.453
35)	L7 AR-1260-5	8.556	7.506	48115841	48045874	211.227	201.198
36)	L8 AR-1262-1	7.269	6.337	28475097	39416272	481.663	748.480 #
37)	L8 AR-1262-2	8.050	7.059	12507612	9931822	248.132	196.852
38)	L8 AR-1262-3	8.309	7.365	12206934	11954108	214.715	218.840
39)	L8 AR-1262-4	8.953	7.853	17256308	254.0E6	150.558	2841.855 #
40)	L8 AR-1262-5	9.658	8.361	13184069	9644692	162.193	121.975
41)	L9 AR-1268-1	7.991	7.005	22910609	21140368	436.075	419.537

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 ALS Vial : 7 Sample Multiplier: 1

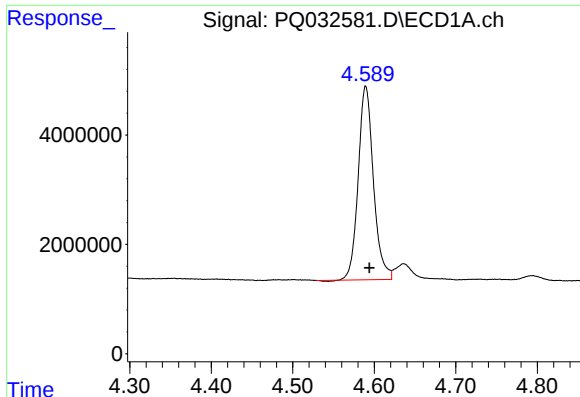
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:26:45 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.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	8.224	7.853	24232082	254.0E6	355.818	956.841 #
43) L9	AR-1268-3	8.898	8.060	31181873	1257771	107.125	5.757 #
44) L9	AR-1268-4	0.000	8.113	0	1086801	N.D.	18.918 #
45) L9	AR-1268-5	10.091	8.668	3603249	3318274	4.855	4.664

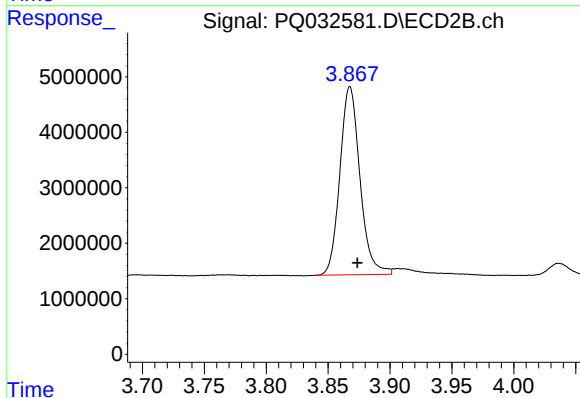
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

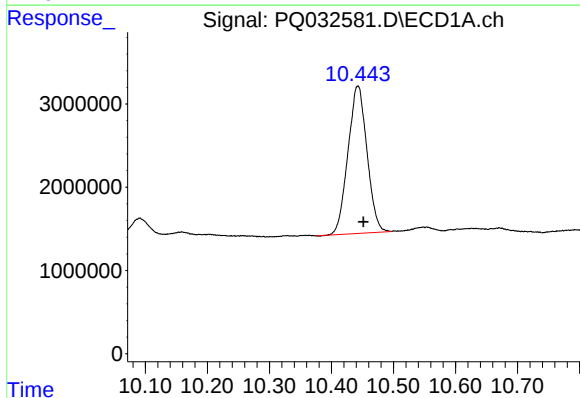
R.T.: 4.590 min
Delta R.T.: -0.004 min
Response: 45981673
Conc: 19.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



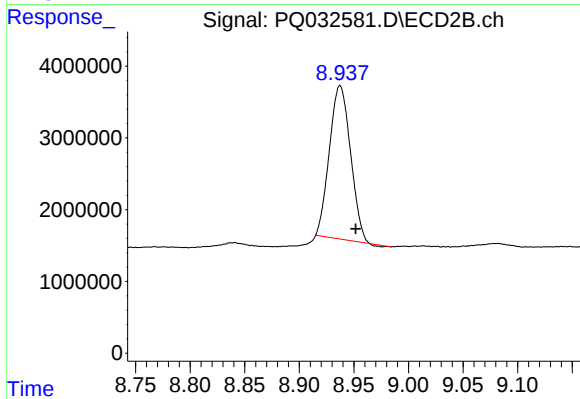
#1 Tetrachloro-m-xylene

R.T.: 3.868 min
Delta R.T.: -0.006 min
Response: 38299547
Conc: 19.12 ng/ml



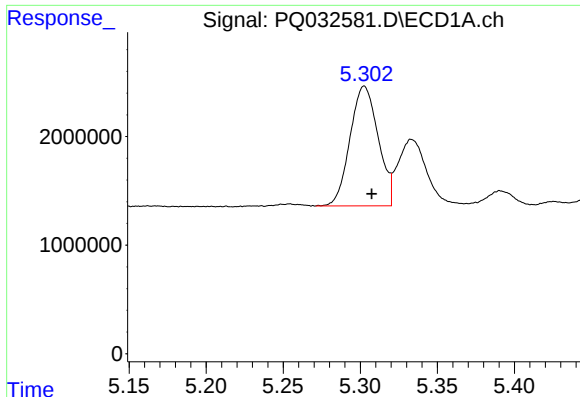
#2 Decachlorobiphenyl

R.T.: 10.443 min
Delta R.T.: -0.009 min
Response: 37682487
Conc: 18.08 ng/ml



#2 Decachlorobiphenyl

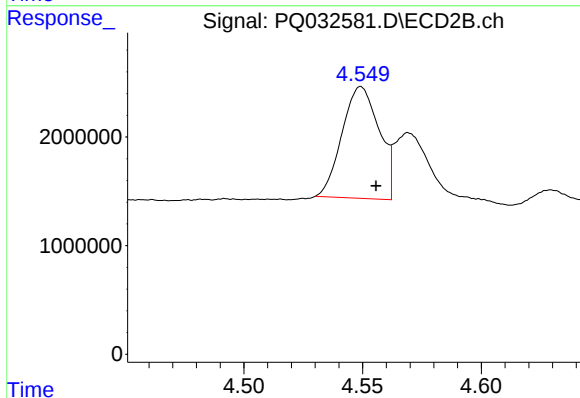
R.T.: 8.937 min
Delta R.T.: -0.014 min
Response: 28709432
Conc: 14.83 ng/ml



#3 AR-1016-1

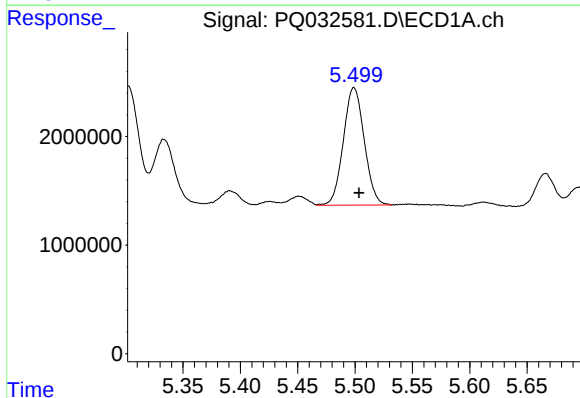
R.T.: 5.303 min
Delta R.T.: -0.005 min
Response: 14022547
Conc: 264.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



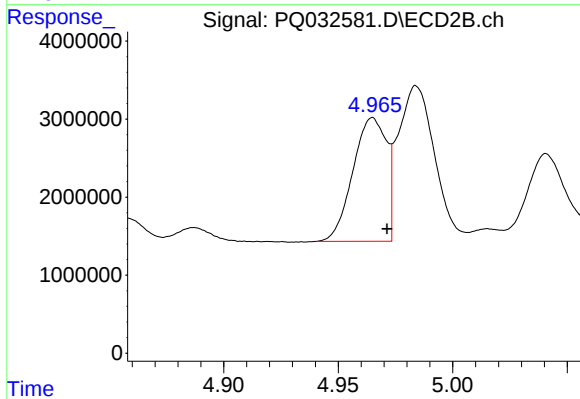
#3 AR-1016-1

R.T.: 4.549 min
Delta R.T.: -0.006 min
Response: 11186668
Conc: 231.85 ng/ml



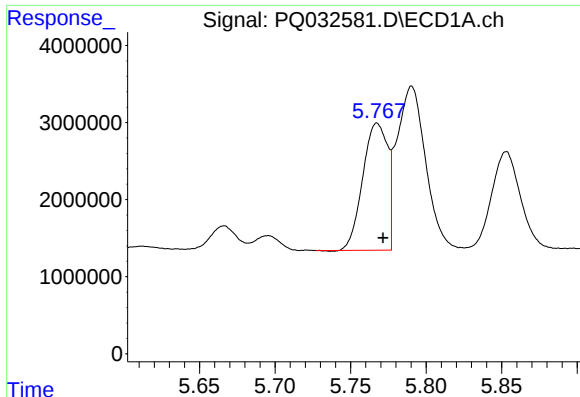
#4 AR-1016-2

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 13735934
Conc: 261.94 ng/ml



#4 AR-1016-2

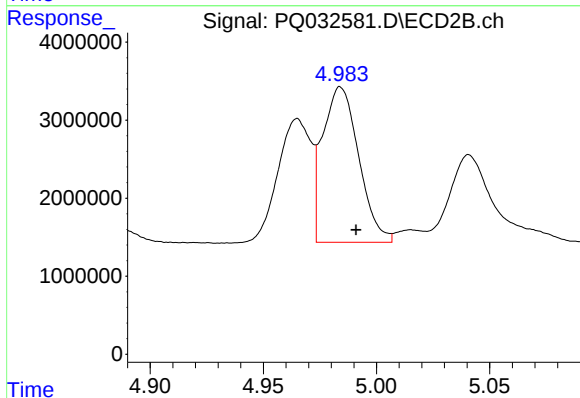
R.T.: 4.965 min
Delta R.T.: -0.006 min
Response: 16148351
Conc: 239.30 ng/ml



#5 AR-1016-3

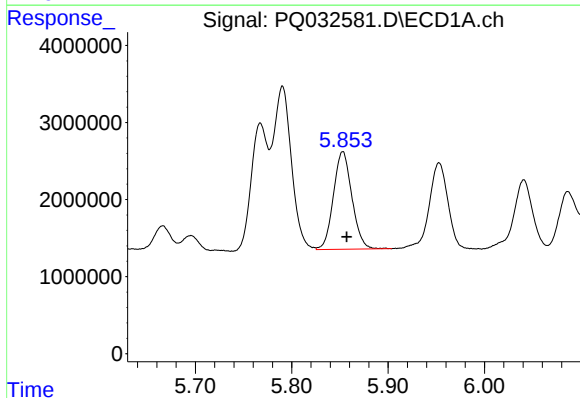
R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 18862471
Conc: 255.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



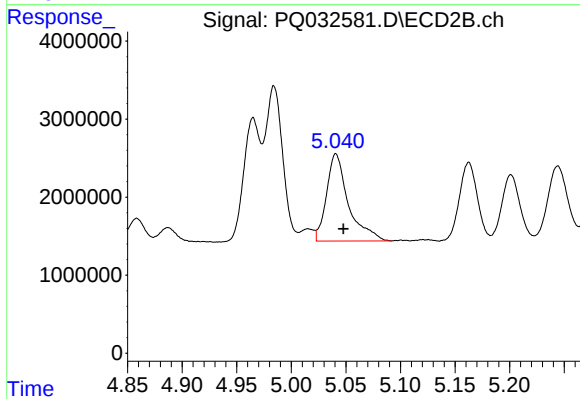
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: -0.007 min
Response: 22118970
Conc: 236.74 ng/ml



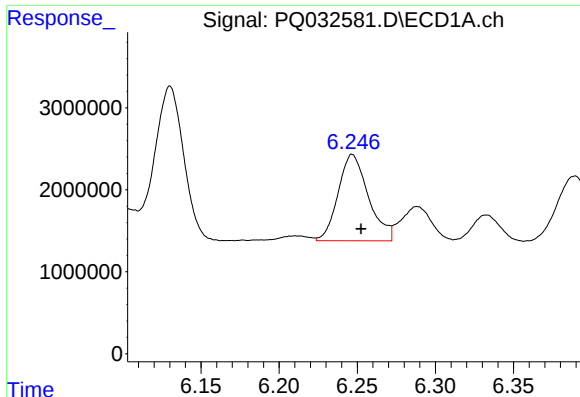
#6 AR-1016-4

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 16921353
Conc: 247.89 ng/ml



#6 AR-1016-4

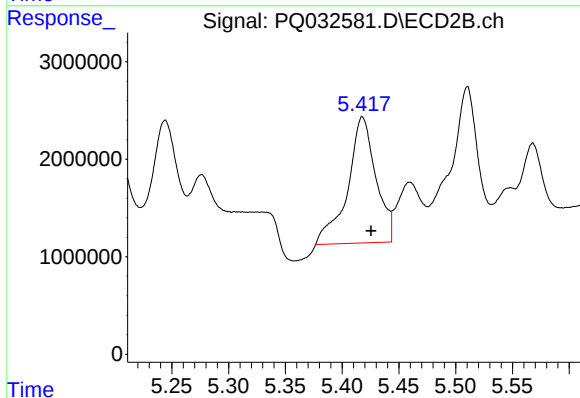
R.T.: 5.041 min
Delta R.T.: -0.007 min
Response: 15611937
Conc: 262.95 ng/ml



#7 AR-1016-5

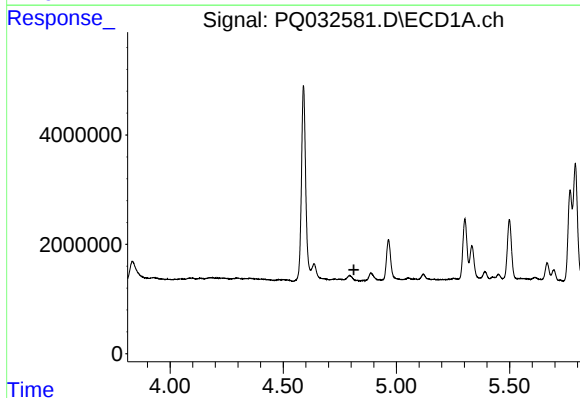
R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 14199630
Conc: 260.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



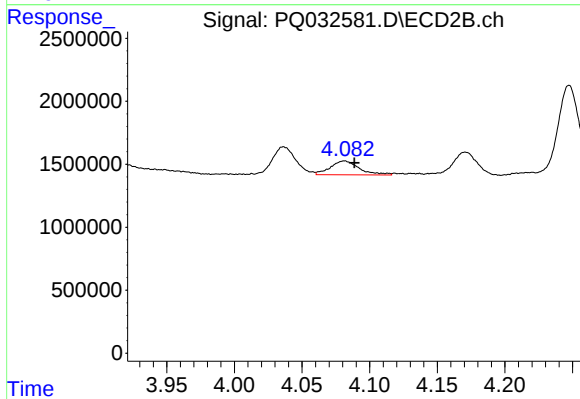
#7 AR-1016-5

R.T.: 5.418 min
Delta R.T.: -0.008 min
Response: 22409624
Conc: 428.79 ng/ml



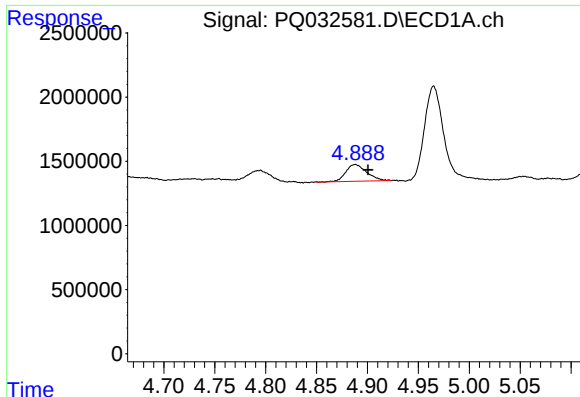
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.



#8 AR-1221-1

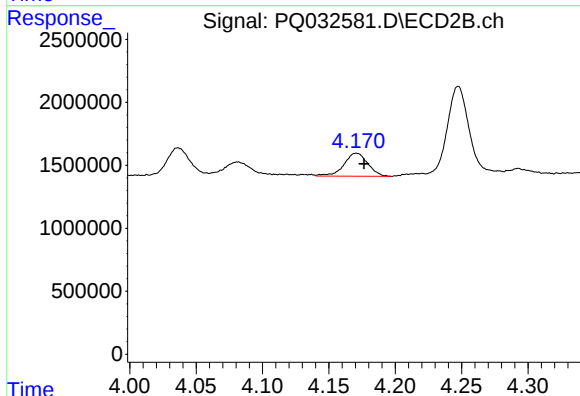
R.T.: 4.082 min
Delta R.T.: -0.007 min
Response: 1637269
Conc: 80.76 ng/ml



#9 AR-1221-2

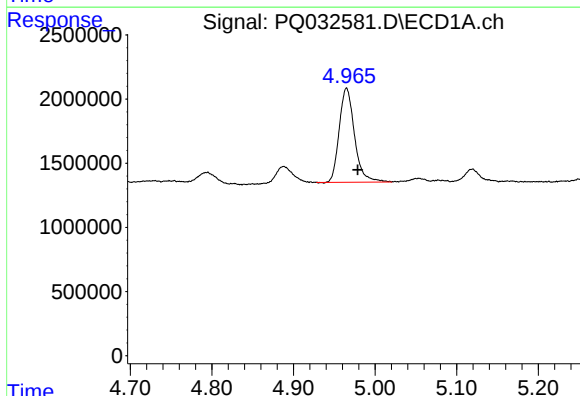
R.T.: 4.888 min
Delta R.T.: -0.012 min
Response: 1883474
Conc: 107.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



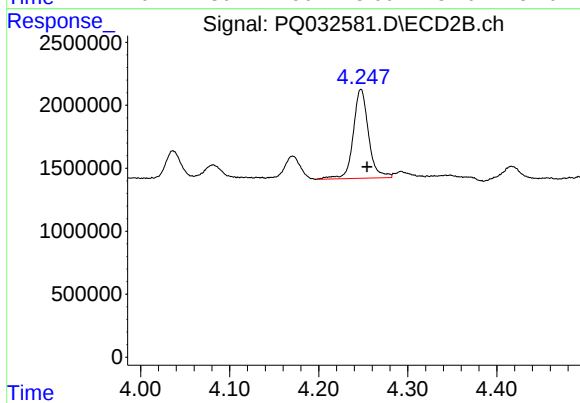
#9 AR-1221-2

R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 2304476
Conc: 147.51 ng/ml



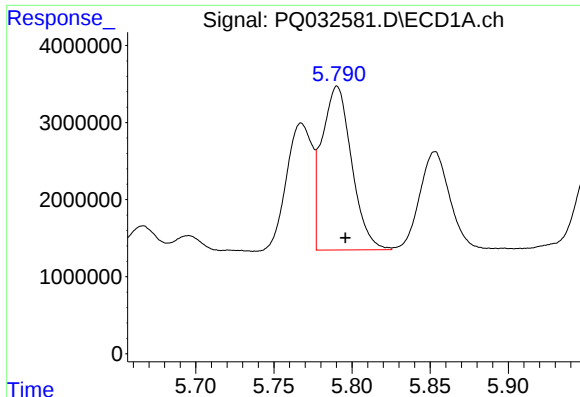
#10 AR-1221-3

R.T.: 4.965 min
Delta R.T.: -0.014 min
Response: 9561043
Conc: 172.63 ng/ml



#10 AR-1221-3

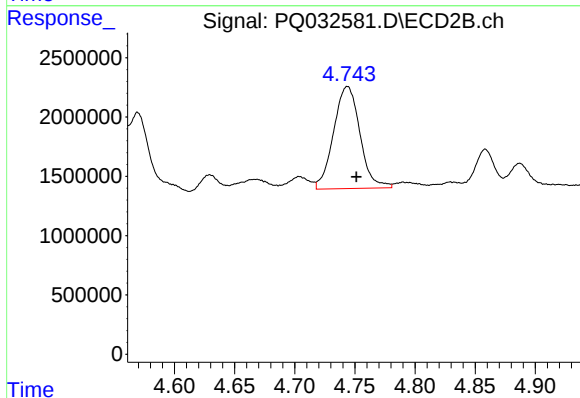
R.T.: 4.248 min
Delta R.T.: -0.007 min
Response: 8444308
Conc: 172.43 ng/ml



#11 AR-1232-1

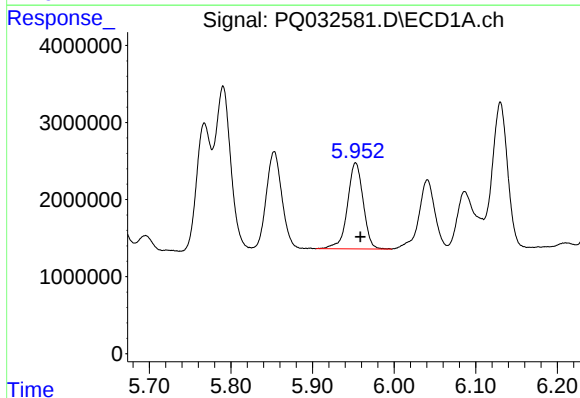
R.T.: 5.790 min
Delta R.T.: -0.005 min
Response: 28155061
Conc: 679.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



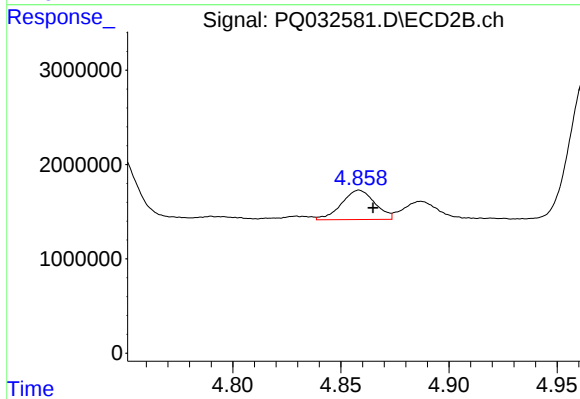
#11 AR-1232-1

R.T.: 4.744 min
Delta R.T.: -0.007 min
Response: 13144629
Conc: 754.13 ng/ml



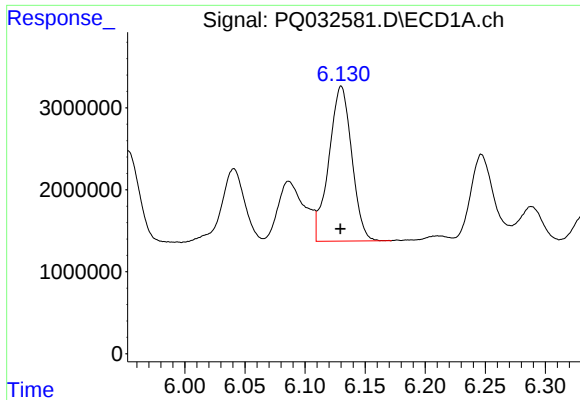
#12 AR-1232-2

R.T.: 5.953 min
Delta R.T.: -0.006 min
Response: 14979330
Conc: 724.11 ng/ml



#12 AR-1232-2

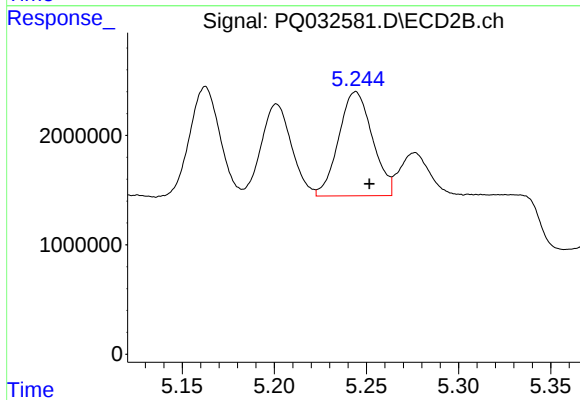
R.T.: 4.858 min
Delta R.T.: -0.006 min
Response: 3347478
Conc: 663.44 ng/ml



#13 AR-1232-3

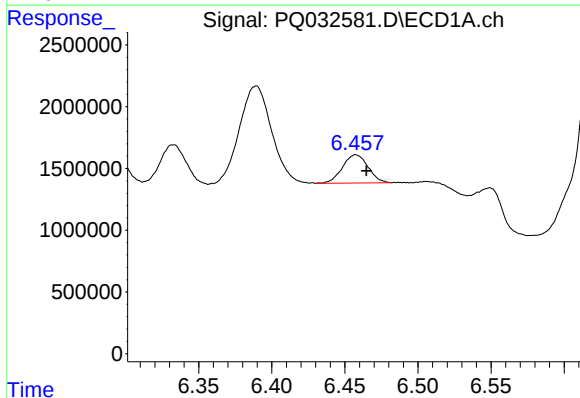
R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 25019672
Conc: 4341.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



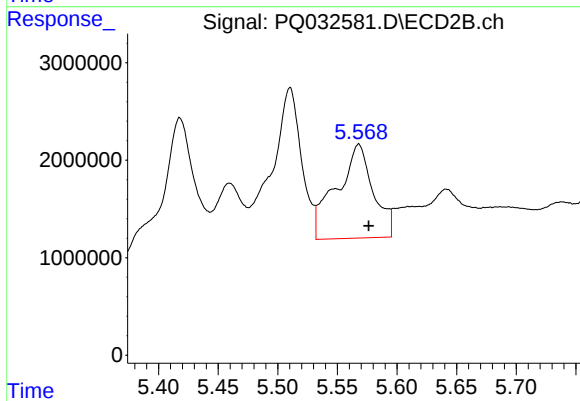
#13 AR-1232-3

R.T.: 5.244 min
Delta R.T.: -0.007 min
Response: 12143676
Conc: 774.23 ng/ml



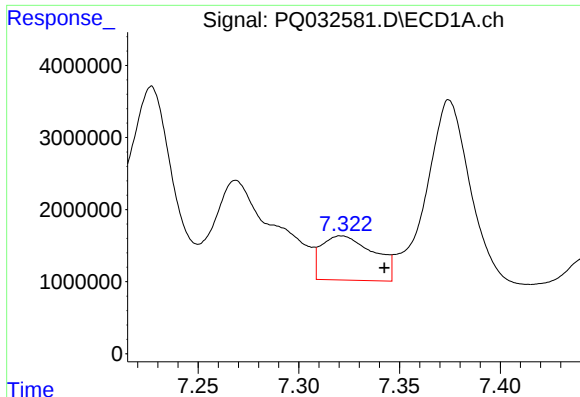
#14 AR-1232-4

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 2796348
Conc: 579.71 ng/ml



#14 AR-1232-4

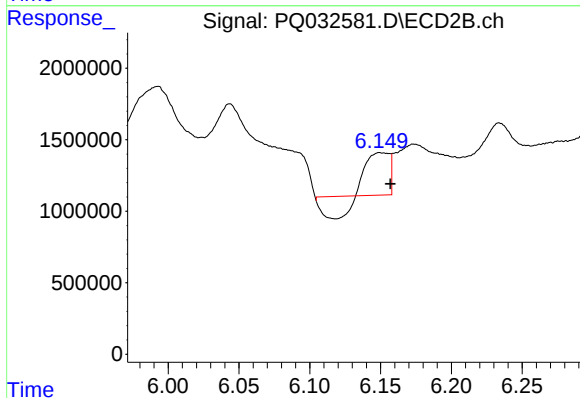
R.T.: 5.568 min
Delta R.T.: -0.008 min
Response: 20676840
Conc: 1119.64 ng/ml



#15 AR-1232-5

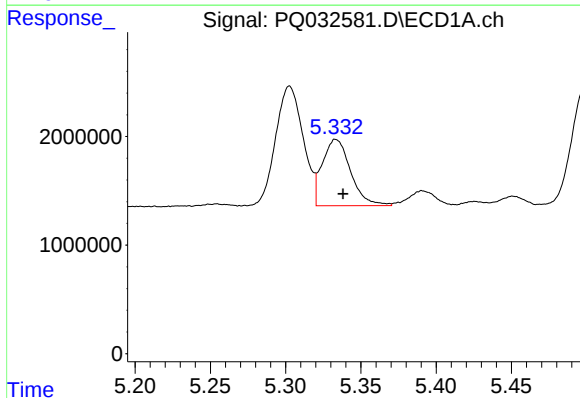
R.T.: 7.321 min
Delta R.T.: -0.021 min
Response: 11054781
Conc: 4292.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



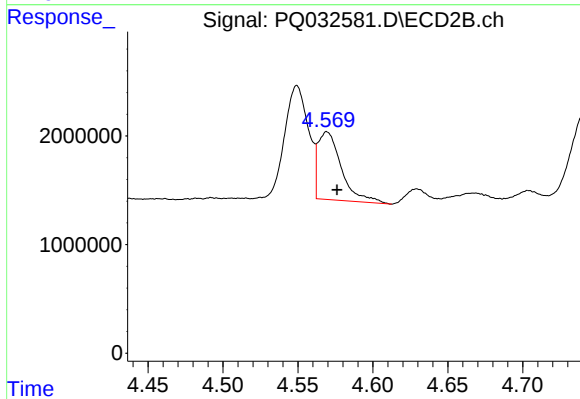
#15 AR-1232-5

R.T.: 6.150 min
Delta R.T.: -0.007 min
Response: 1862497
Conc: 652.72 ng/ml



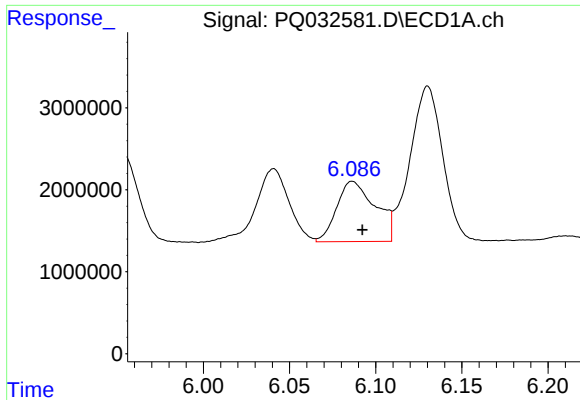
#16 AR-1242-1

R.T.: 5.333 min
Delta R.T.: -0.005 min
Response: 8000307
Conc: 361.58 ng/ml



#16 AR-1242-1

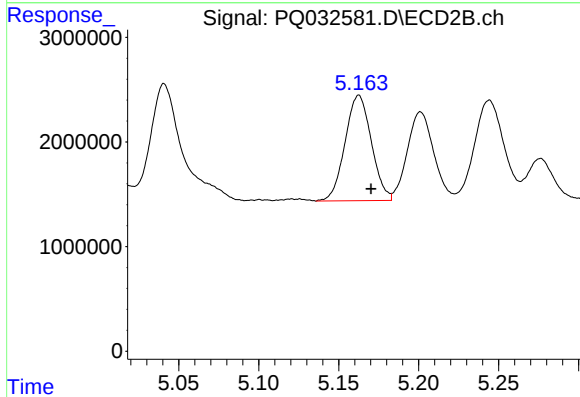
R.T.: 4.569 min
Delta R.T.: -0.007 min
Response: 6838074
Conc: 344.00 ng/ml



#17 AR-1242-2

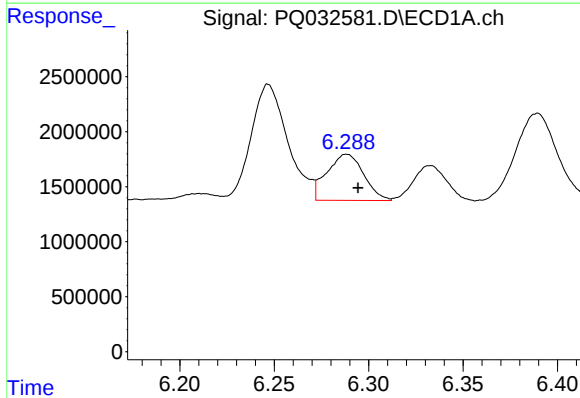
R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 11435229
Conc: 314.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



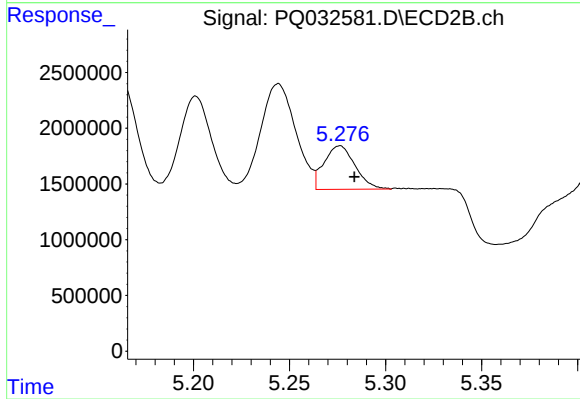
#17 AR-1242-2

R.T.: 5.163 min
Delta R.T.: -0.008 min
Response: 11564359
Conc: 322.35 ng/ml



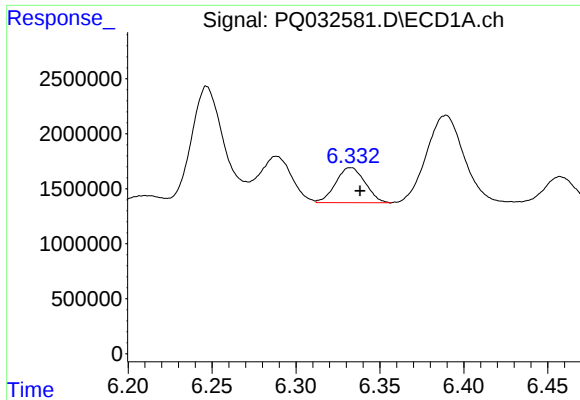
#18 AR-1242-3

R.T.: 6.288 min
Delta R.T.: -0.006 min
Response: 5677073
Conc: 333.14 ng/ml



#18 AR-1242-3

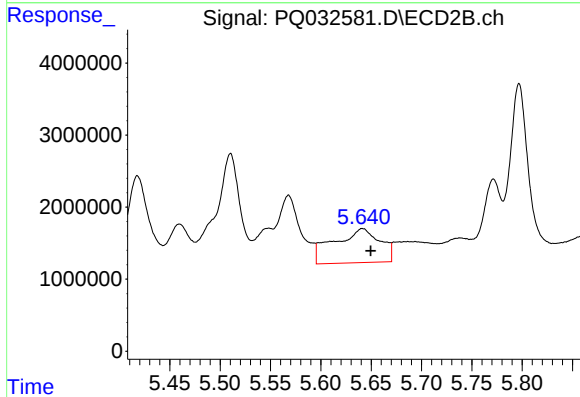
R.T.: 5.276 min
Delta R.T.: -0.008 min
Response: 4388685
Conc: 372.77 ng/ml



#19 AR-1242-4

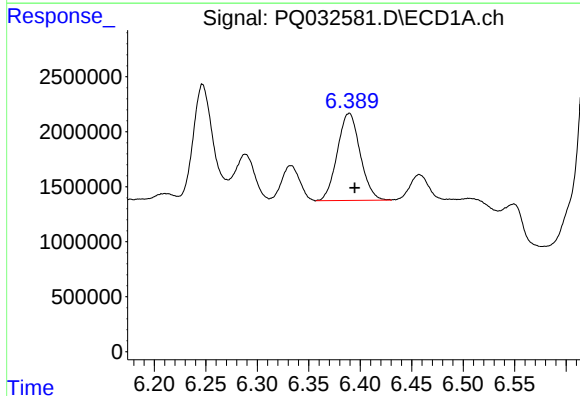
R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 3883745
Conc: 255.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



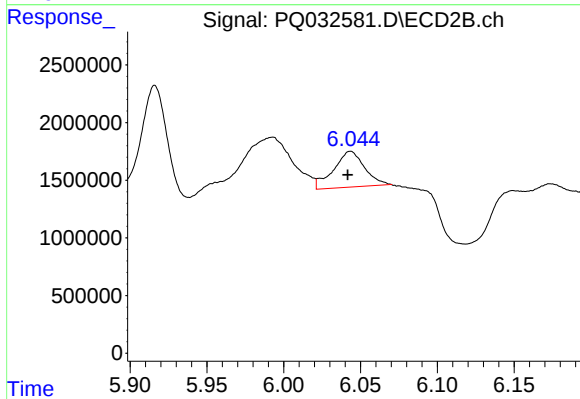
#19 AR-1242-4

R.T.: 5.641 min
Delta R.T.: -0.008 min
Response: 15030288
Conc: 1441.42 ng/ml



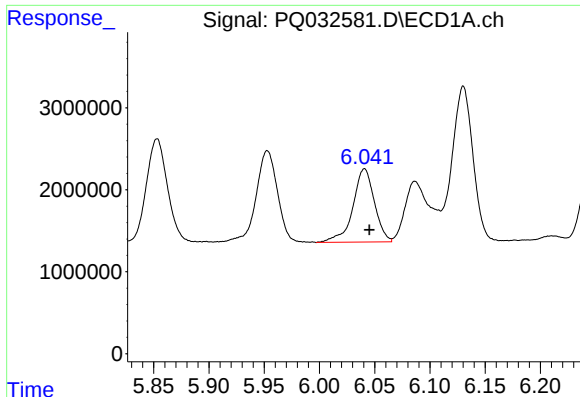
#20 AR-1242-5

R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 12221114
Conc: 268.96 ng/ml



#20 AR-1242-5

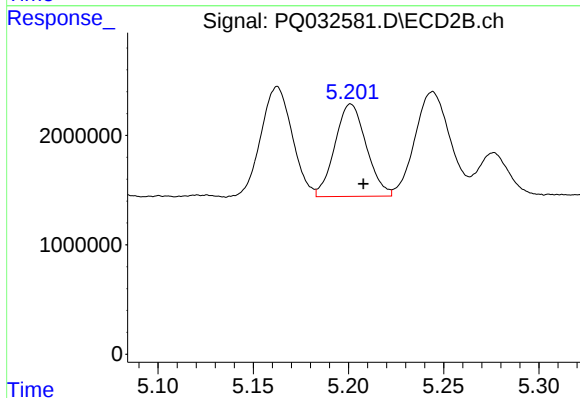
R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 4436249
Conc: 186.90 ng/ml



#21 AR-1248-1

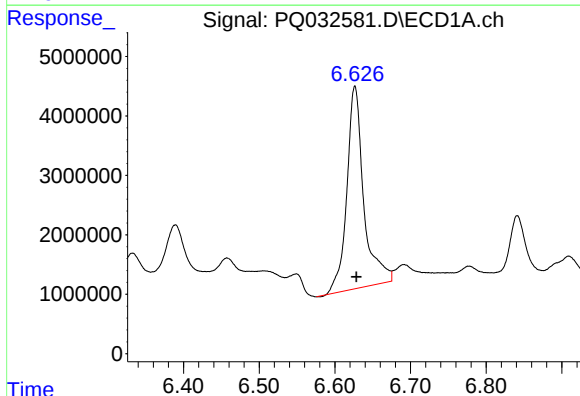
R.T.: 6.041 min
Delta R.T.: -0.005 min
Response: 12145613
Conc: 209.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



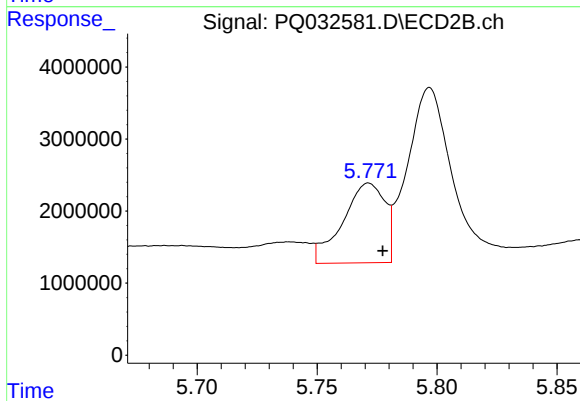
#21 AR-1248-1

R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 9699570
Conc: 197.22 ng/ml



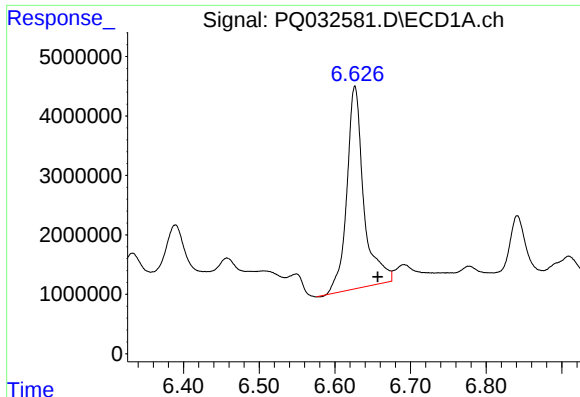
#22 AR-1248-2

R.T.: 6.627 min
Delta R.T.: -0.002 min
Response: 52914871
Conc: 941.43 ng/ml



#22 AR-1248-2

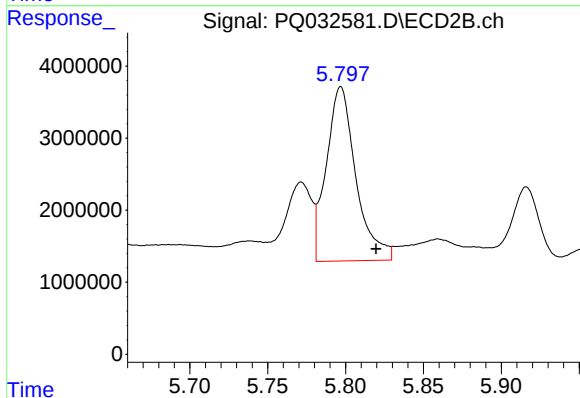
R.T.: 5.772 min
Delta R.T.: -0.006 min
Response: 13507372
Conc: 147.76 ng/ml



#23 AR-1248-3

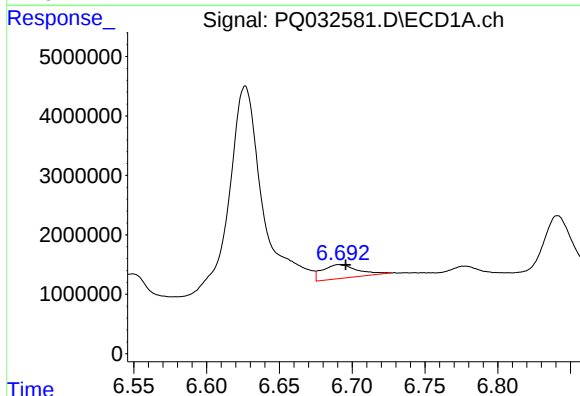
R.T.: 6.627 min
Delta R.T.: -0.030 min
Response: 52914871
Conc: 707.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



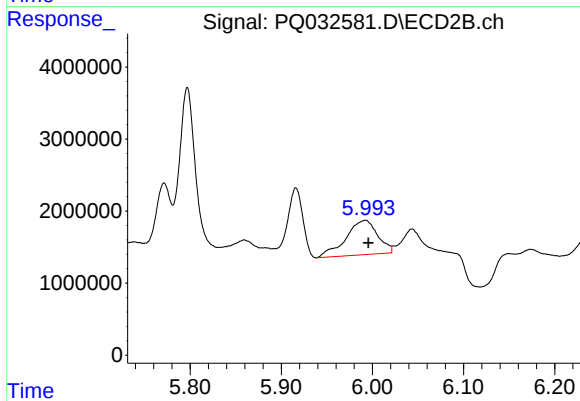
#23 AR-1248-3

R.T.: 5.797 min
Delta R.T.: -0.023 min
Response: 32046672
Conc: 506.70 ng/ml



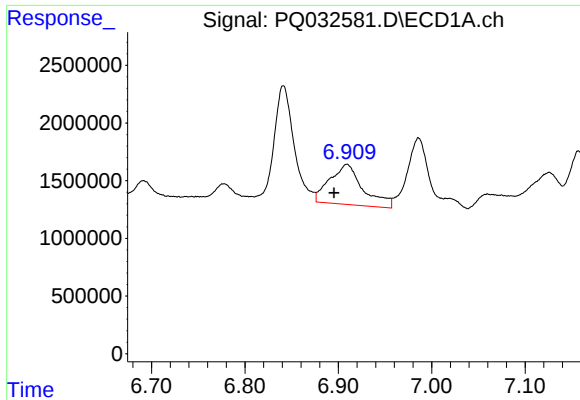
#24 AR-1248-4

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 3905448
Conc: 55.17 ng/ml



#24 AR-1248-4

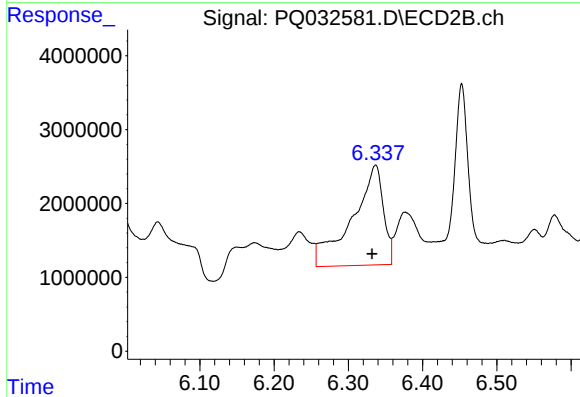
R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 11612320
Conc: 212.85 ng/ml



#25 AR-1248-5

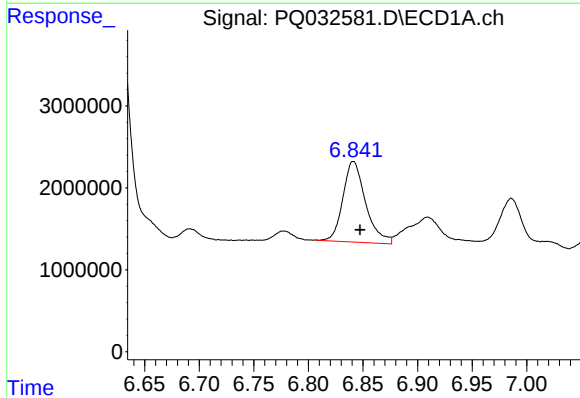
R.T.: 6.909 min
Delta R.T.: 0.014 min
Response: 8583297
Conc: 187.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



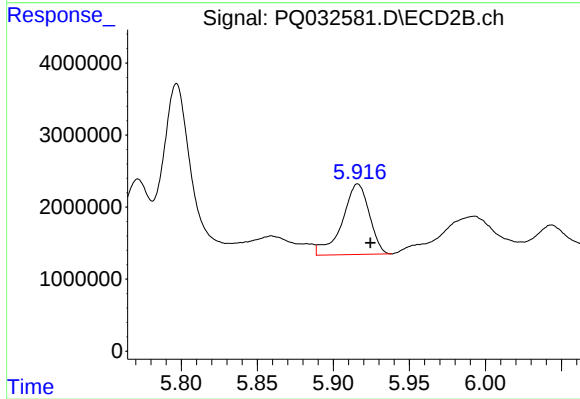
#25 AR-1248-5

R.T.: 6.337 min
Delta R.T.: 0.005 min
Response: 39416272
Conc: 968.43 ng/ml



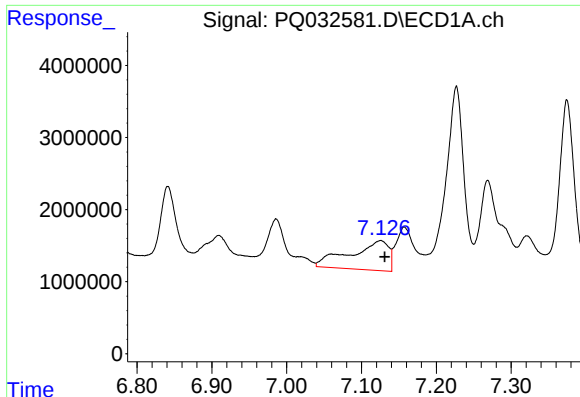
#26 AR-1254-1

R.T.: 6.841 min
Delta R.T.: -0.006 min
Response: 14248569
Conc: 85.93 ng/ml



#26 AR-1254-1

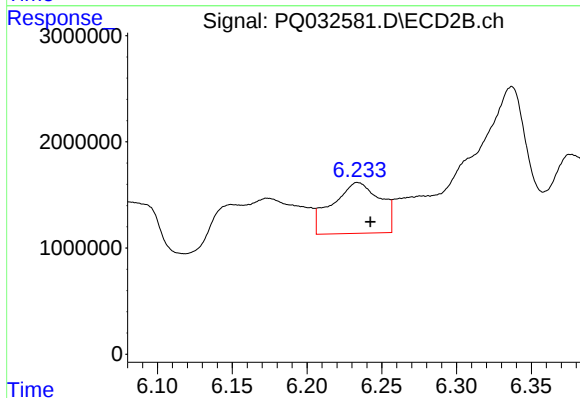
R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 12178560
Conc: 101.29 ng/ml



#27 AR-1254-2

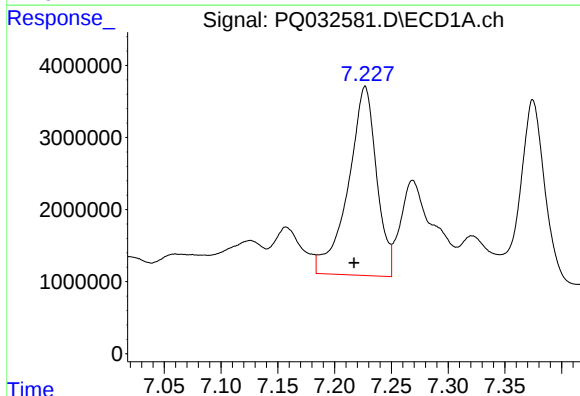
R.T.: 7.126 min
Delta R.T.: -0.005 min
Response: 14632291
Conc: 143.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



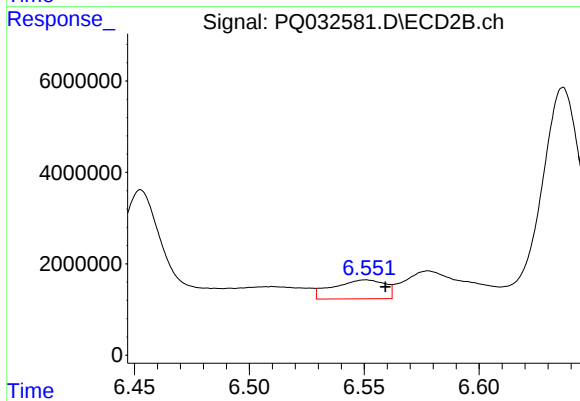
#27 AR-1254-2

R.T.: 6.234 min
Delta R.T.: -0.009 min
Response: 10648931
Conc: 107.75 ng/ml



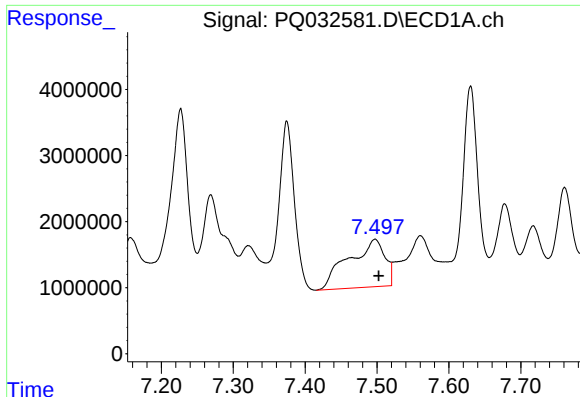
#28 AR-1254-3

R.T.: 7.227 min
Delta R.T.: 0.010 min
Response: 45623091
Conc: 250.86 ng/ml



#28 AR-1254-3

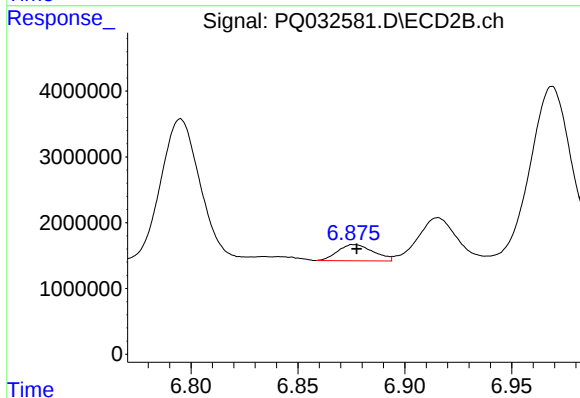
R.T.: 6.551 min
Delta R.T.: -0.008 min
Response: 6466448
Conc: 51.56 ng/ml



#29 AR-1254-4

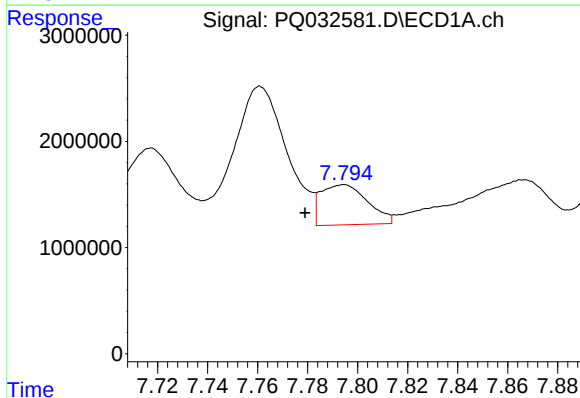
R.T.: 7.497 min
Delta R.T.: -0.005 min
Response: 25334048
Conc: 190.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



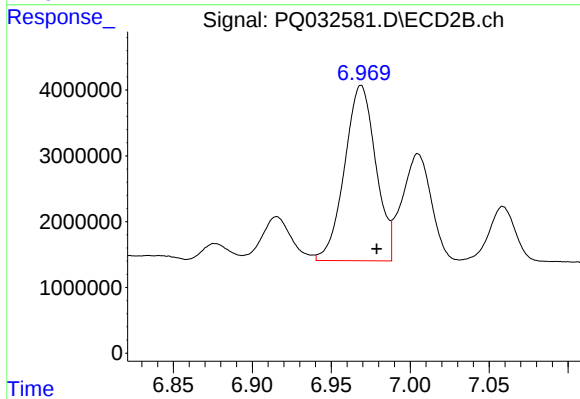
#29 AR-1254-4

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 2833049
Conc: 32.21 ng/ml



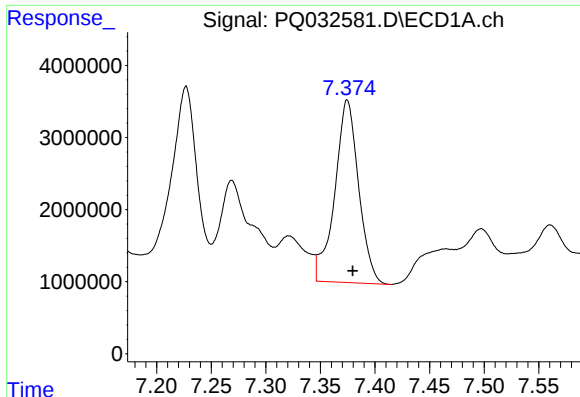
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.016 min
Response: 4911954
Conc: 48.04 ng/ml



#30 AR-1254-5

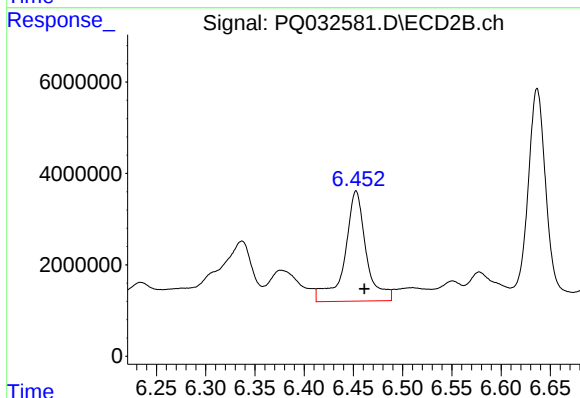
R.T.: 6.969 min
Delta R.T.: -0.010 min
Response: 36677944
Conc: 211.15 ng/ml



#31 AR-1260-1

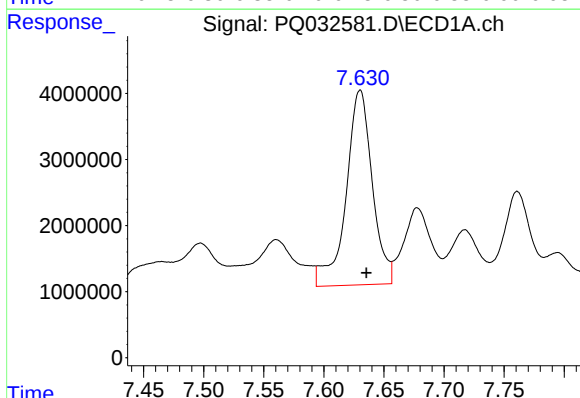
R.T.: 7.375 min
Delta R.T.: -0.005 min
Response: 38523500
Conc: 330.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



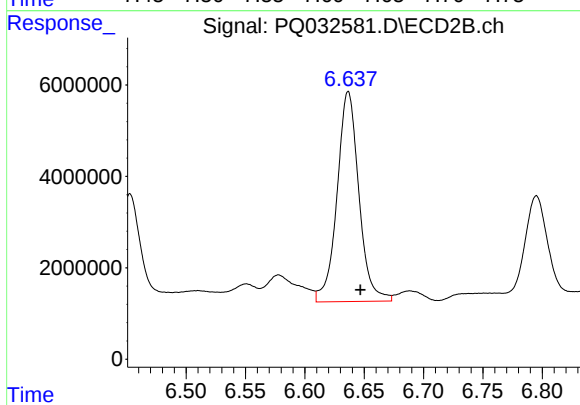
#31 AR-1260-1

R.T.: 6.453 min
Delta R.T.: -0.008 min
Response: 36531443
Conc: 340.96 ng/ml



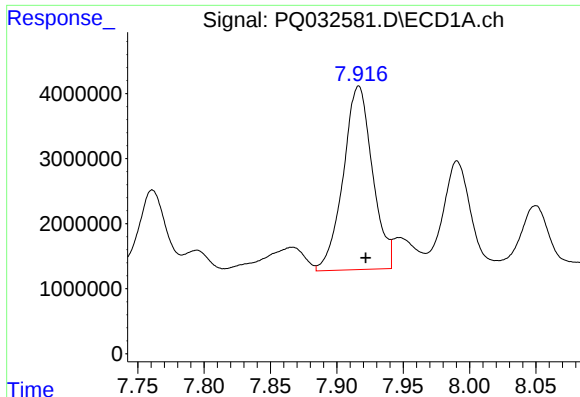
#32 AR-1260-2

R.T.: 7.630 min
Delta R.T.: -0.005 min
Response: 44802373
Conc: 333.86 ng/ml



#32 AR-1260-2

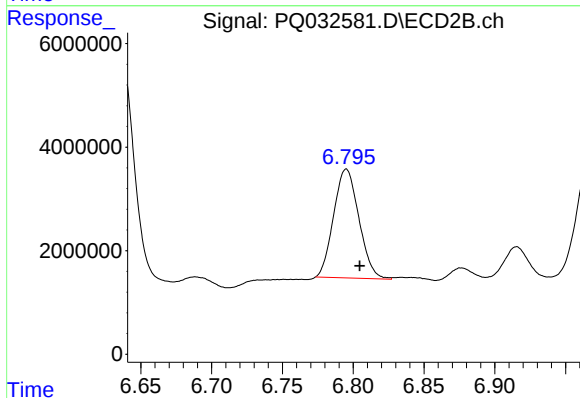
R.T.: 6.637 min
Delta R.T.: -0.010 min
Response: 58863749
Conc: 455.09 ng/ml



#33 AR-1260-3

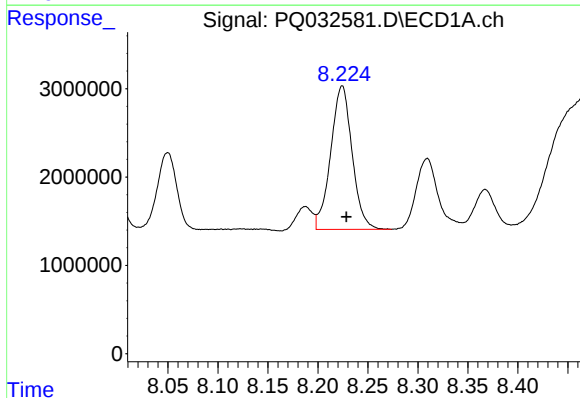
R.T.: 7.917 min
Delta R.T.: -0.005 min
Response: 43245862
Conc: 279.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



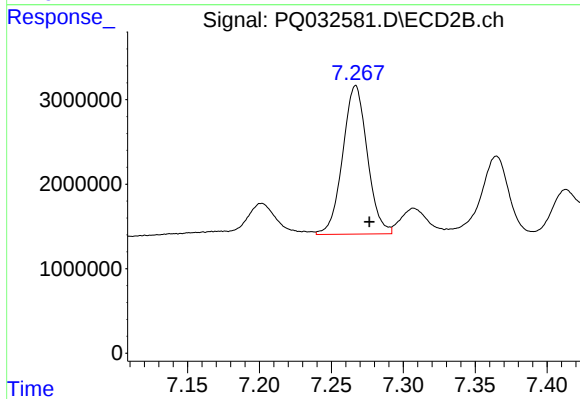
#33 AR-1260-3

R.T.: 6.795 min
Delta R.T.: -0.010 min
Response: 26141366
Conc: 216.63 ng/ml



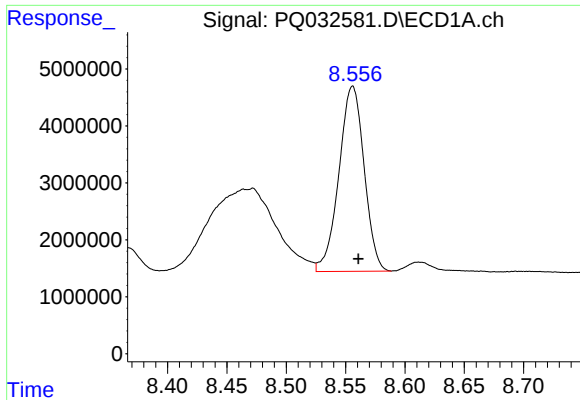
#34 AR-1260-4

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 24232082
Conc: 212.12 ng/ml



#34 AR-1260-4

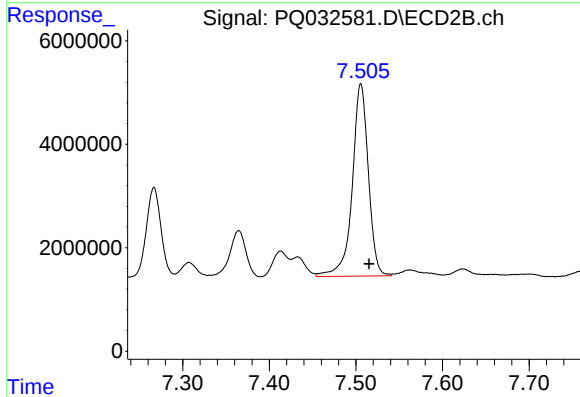
R.T.: 7.267 min
Delta R.T.: -0.010 min
Response: 21005931
Conc: 214.45 ng/ml



#35 AR-1260-5

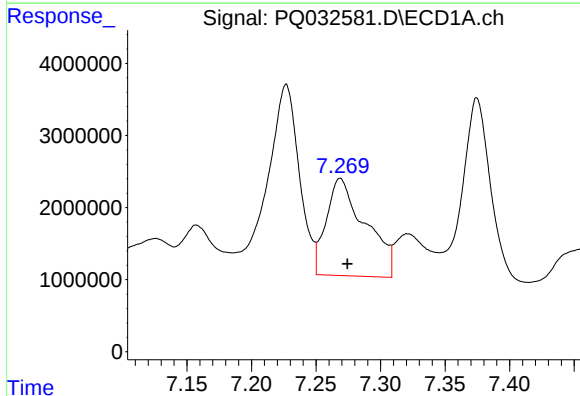
R.T.: 8.556 min
Delta R.T.: -0.005 min
Response: 48115841
Conc: 211.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



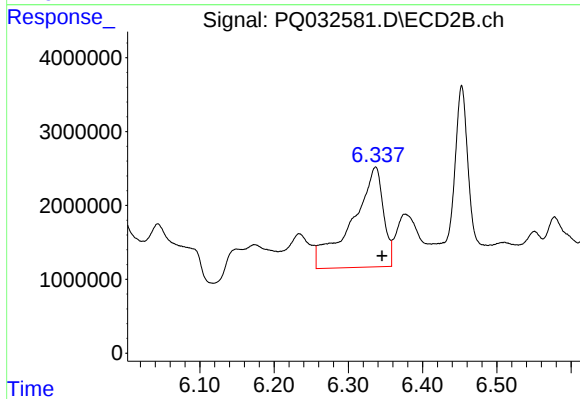
#35 AR-1260-5

R.T.: 7.506 min
Delta R.T.: -0.010 min
Response: 48045874
Conc: 201.20 ng/ml



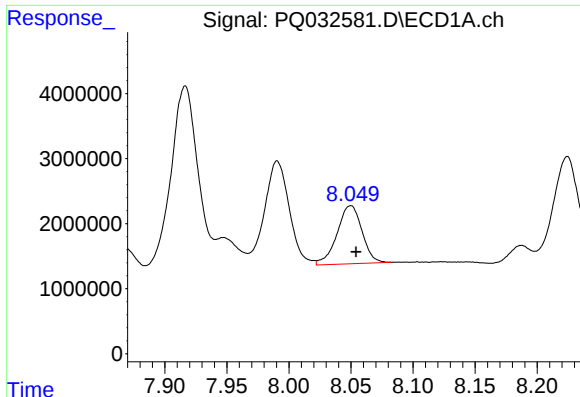
#36 AR-1262-1

R.T.: 7.269 min
Delta R.T.: -0.006 min
Response: 28475097
Conc: 481.66 ng/ml



#36 AR-1262-1

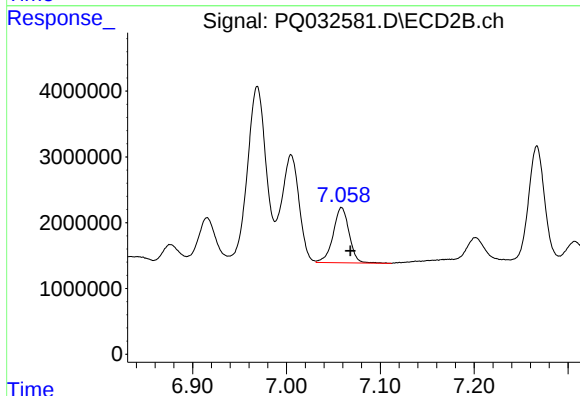
R.T.: 6.337 min
Delta R.T.: -0.009 min
Response: 39416272
Conc: 748.48 ng/ml



#37 AR-1262-2

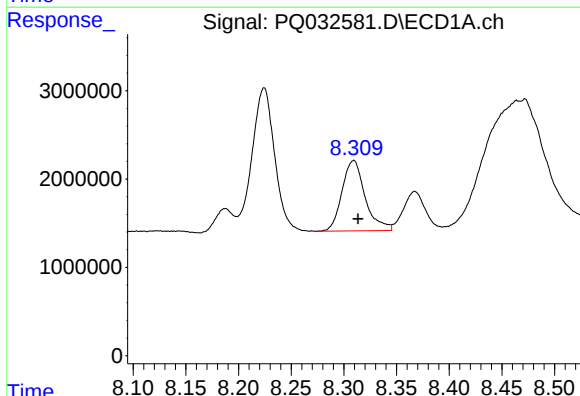
R.T.: 8.050 min
Delta R.T.: -0.004 min
Response: 12507612
Conc: 248.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



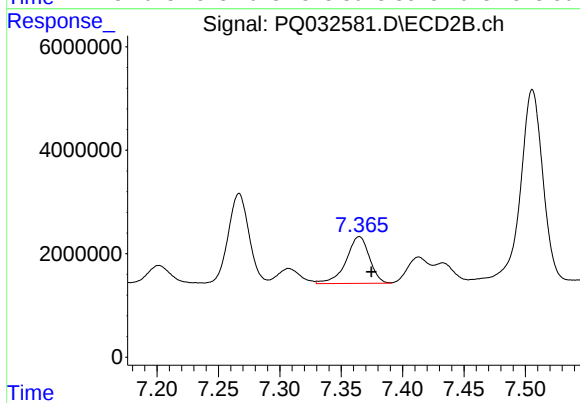
#37 AR-1262-2

R.T.: 7.059 min
Delta R.T.: -0.009 min
Response: 9931822
Conc: 196.85 ng/ml



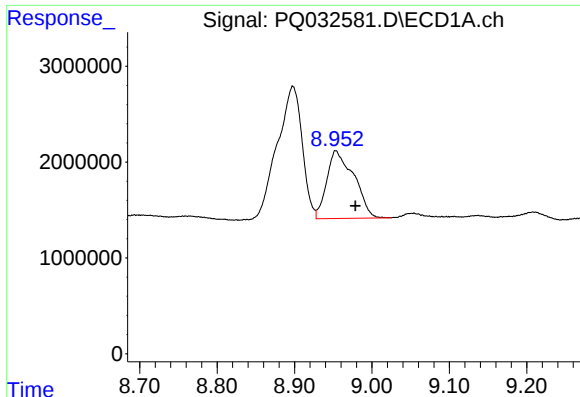
#38 AR-1262-3

R.T.: 8.309 min
Delta R.T.: -0.004 min
Response: 12206934
Conc: 214.71 ng/ml



#38 AR-1262-3

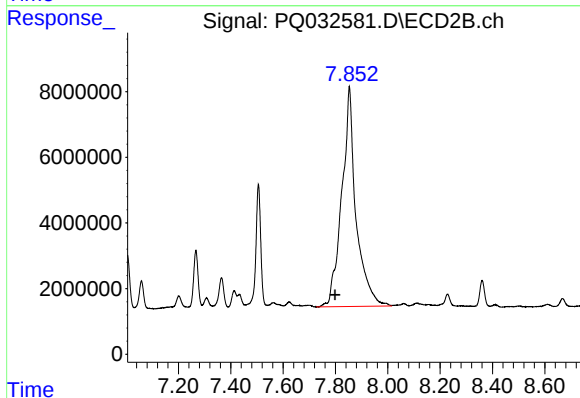
R.T.: 7.365 min
Delta R.T.: -0.010 min
Response: 11954108
Conc: 218.84 ng/ml



#39 AR-1262-4

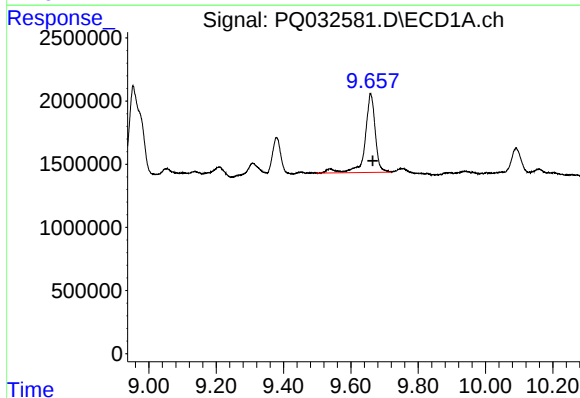
R.T.: 8.953 min
Delta R.T.: -0.025 min
Response: 17256308
Conc: 150.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



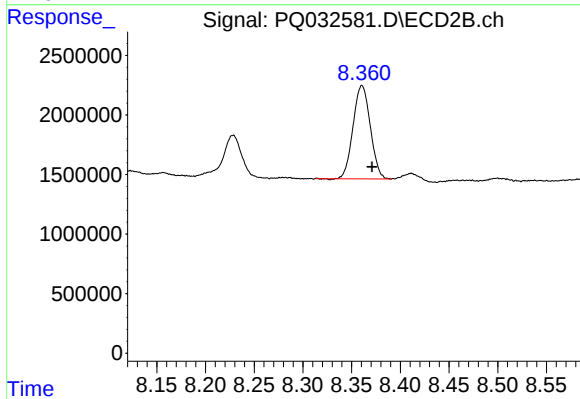
#39 AR-1262-4

R.T.: 7.853 min
Delta R.T.: 0.054 min
Response: 253998902
Conc: 2841.86 ng/ml



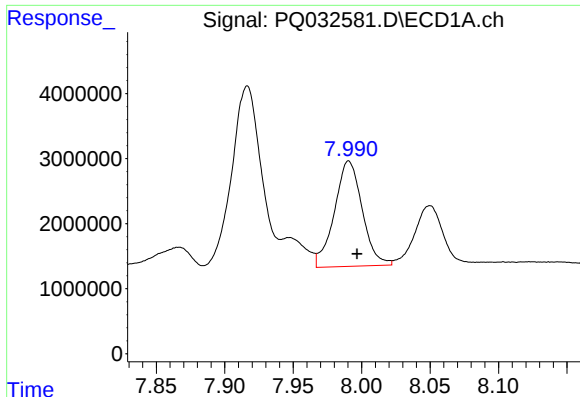
#40 AR-1262-5

R.T.: 9.658 min
Delta R.T.: -0.006 min
Response: 13184069
Conc: 162.19 ng/ml



#40 AR-1262-5

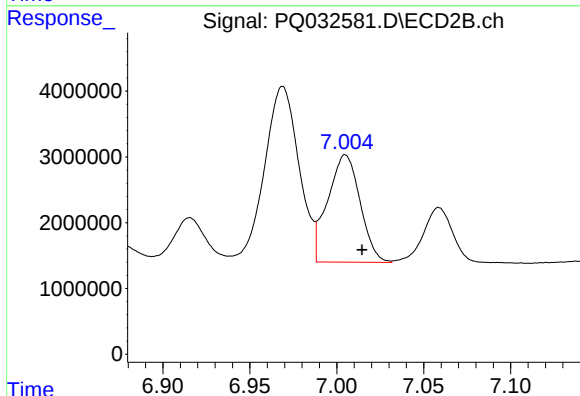
R.T.: 8.361 min
Delta R.T.: -0.010 min
Response: 9644692
Conc: 121.97 ng/ml



#41 AR-1268-1

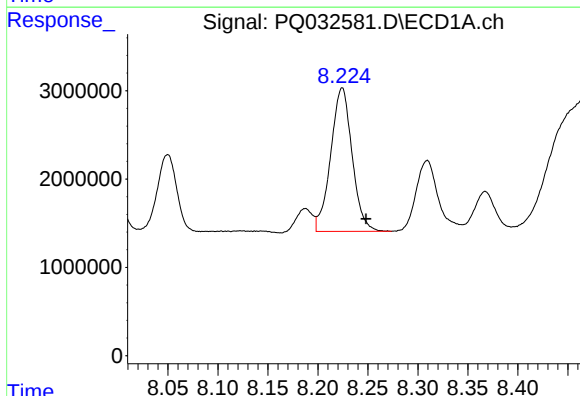
R.T.: 7.991 min
Delta R.T.: -0.006 min
Response: 22910609
Conc: 436.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



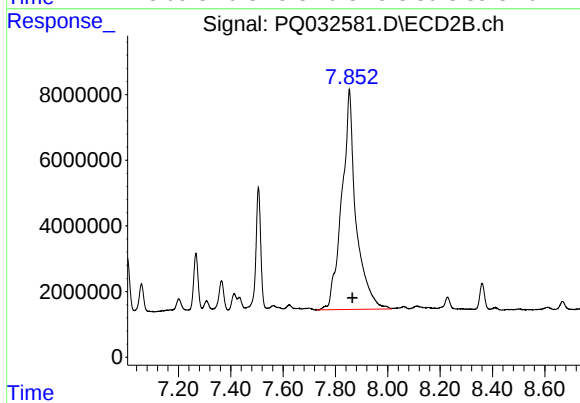
#41 AR-1268-1

R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 21140368
Conc: 419.54 ng/ml



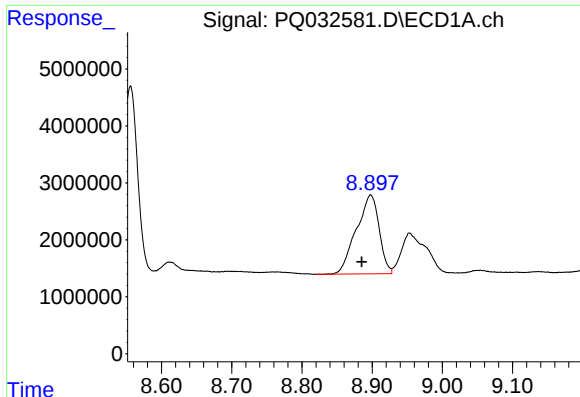
#42 AR-1268-2

R.T.: 8.224 min
Delta R.T.: -0.024 min
Response: 24232082
Conc: 355.82 ng/ml



#42 AR-1268-2

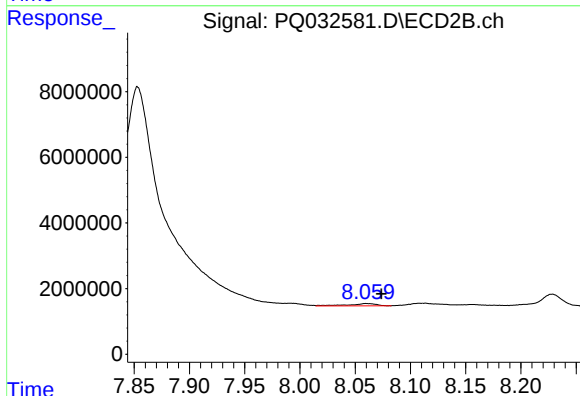
R.T.: 7.853 min
Delta R.T.: -0.012 min
Response: 253998902
Conc: 956.84 ng/ml



#43 AR-1268-3

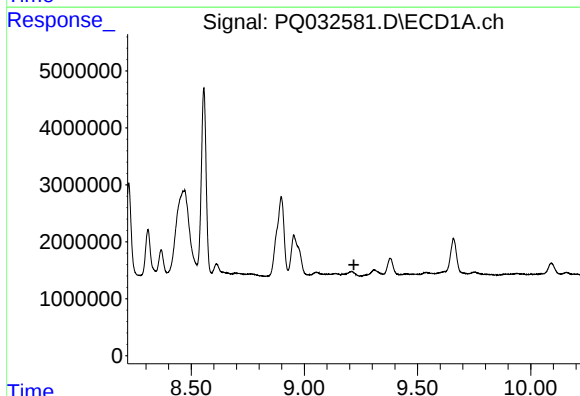
R.T.: 8.898 min
Delta R.T.: 0.013 min
Response: 31181873
Conc: 107.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



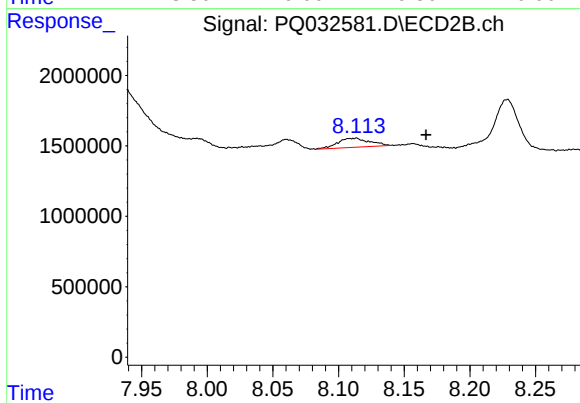
#43 AR-1268-3

R.T.: 8.060 min
Delta R.T.: -0.013 min
Response: 1257771
Conc: 5.76 ng/ml



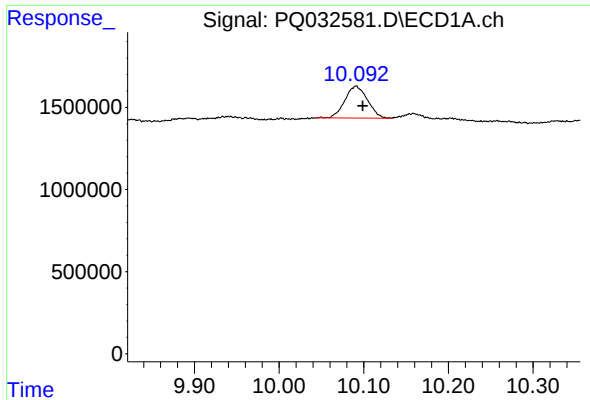
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.



#44 AR-1268-4

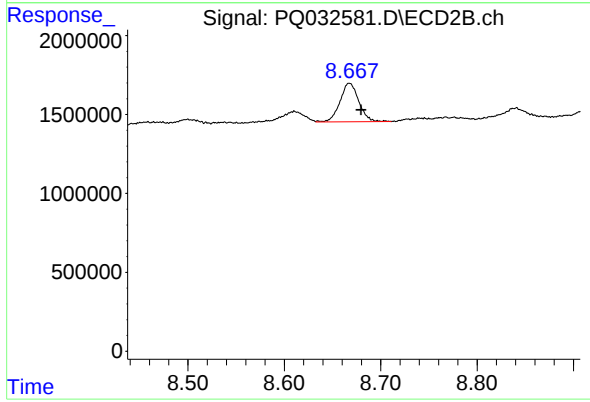
R.T.: 8.113 min
Delta R.T.: -0.053 min
Response: 1086801
Conc: 18.92 ng/ml



#45 AR-1268-5

R.T.: 10.091 min
Delta R.T.: -0.008 min
Response: 3603249
Conc: 4.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.668 min
Delta R.T.: -0.012 min
Response: 3318274
Conc: 4.66 ng/ml