

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100318\
 Data File : PQ032595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2018 17:36
 Operator : SM\SJ
 Sample : PB113453BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:39:45 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	3.867	42663344	34681638	18.400	17.317
2)	SA Decachlor...	10.441	8.936	33980888	26527633	16.301	13.699
Target Compounds							
3)	L1 AR-1016-1	5.303	4.548	3043475	2480569	57.508	51.411
4)	L1 AR-1016-2	5.499	4.964	2775566	3625200	52.928	53.721
5)	L1 AR-1016-3	5.767	4.983	4133555	5133323	56.046	54.943
6)	L1 AR-1016-4	5.853	5.040	3836127	3183171	56.197	53.615
7)	L1 AR-1016-5	6.247	5.417	3006109	2926516	55.202	55.997
9)	L2 AR-1221-2	4.965	4.172	1734751	836269	98.832	53.529 #
10)	L2 AR-1221-3	4.965	4.247	1734751	1567780	31.322	32.013
11)	L3 AR-1232-1	5.790	4.741	6330429	2682645	152.730	153.908
12)	L3 AR-1232-2	5.954	4.858	3144449	532425	152.004	105.522 #
13)	L3 AR-1232-3	6.087	5.244	1729829	2618421	300.169	166.939 #
14)	L3 AR-1232-4	0.000	5.566	0	1753924	N.D.	94.974 #
15)	L3 AR-1232-5	7.375	0.000	6829834	0	2652.211	N.D. #
16)	L4 AR-1242-1	5.333	4.567	1689800	1190156	76.372	59.873
17)	L4 AR-1242-2	6.087	5.162	1729829	2660599	47.647	74.162 #
18)	L4 AR-1242-3	6.289	5.277	1304156	777794	76.529	66.064
19)	L4 AR-1242-4	6.289	0.000	1304156	0	85.654	N.D. #
20)	L4 AR-1242-5	6.389	0.000	2893950	0	63.689	N.D. #
21)	L5 AR-1248-1	6.041	5.200	2263841	2218763	39.118	45.113
22)	L5 AR-1248-2	6.625	5.771	2747727	2385498	48.886	26.095 #
23)	L5 AR-1248-3	6.625	5.771	2747727	2385498	36.735	37.718
25)	L5 AR-1248-5	6.842	6.335	2817420	4704092	61.596	115.577 #
26)	L6 AR-1254-1	6.842	5.915	2817420	2284708	16.991	19.002
27)	L6 AR-1254-2	0.000	6.232	0	697595	N.D.	7.059 #
28)	L6 AR-1254-3	7.213	6.576	1715924	1070613	9.435	8.537
29)	L6 AR-1254-4	0.000	6.876	0	609286	N.D.	6.927 #
30)	L6 AR-1254-5	7.760	6.968	2835673	8272428	27.734	47.624 #
31)	L7 AR-1260-1	7.375	6.452	6829834	5601635	58.555	52.282
32)	L7 AR-1260-2	7.630	6.638	7402984	7099325	55.166	54.887
33)	L7 AR-1260-3	7.916	6.794	9309165	6103519	60.079	50.579
34)	L7 AR-1260-4	8.224	7.266	5977502	5014149	52.326	51.190
35)	L7 AR-1260-5	8.554	7.506	11003774	11435285	48.306	47.887
36)	L8 AR-1262-1	7.269	6.335	3399790	4704092	57.508	89.327 #
37)	L8 AR-1262-2	8.049	7.059	3112223	2654267	61.742	52.609
38)	L8 AR-1262-3	8.309	7.364	2453913	2802537	43.163	51.305
39)	L8 AR-1262-4	8.953	7.790	3767431	2069860	32.870	23.159 #
40)	L8 AR-1262-5	9.659	8.359	2639845	2560087	32.476	32.377
41)	L9 AR-1268-1	7.991	7.004	4966772	5150752	94.536	102.218
42)	L9 AR-1268-2	8.224	7.854	5977502	8263394	87.772	31.129 #
43)	L9 AR-1268-3	8.898	0.000	7408563	0	25.452	N.D. #

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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
44) L9	AR-1268-4	0.000	8.227	0	1046281	N.D.	18.213 #
45) L9	AR-1268-5	0.000	8.668	0	832298	N.D.	1.170 #

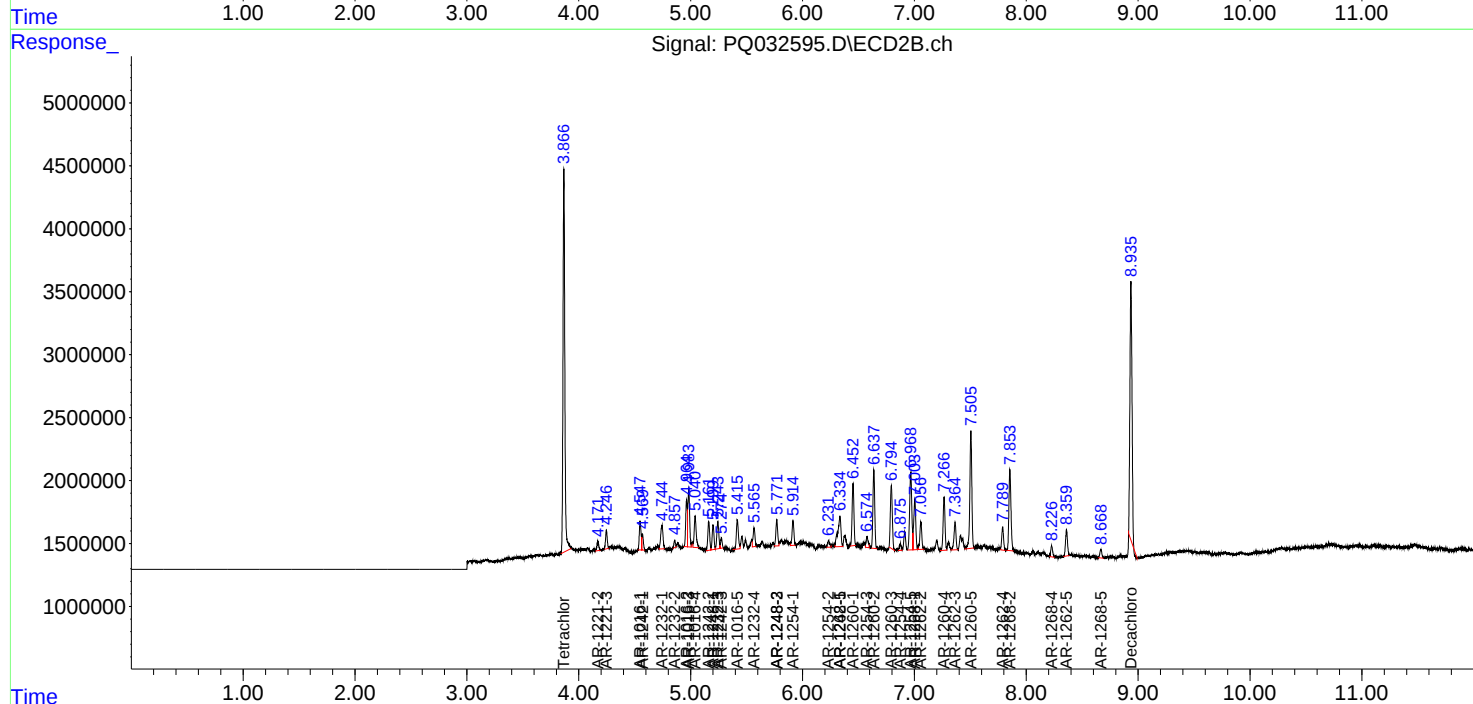
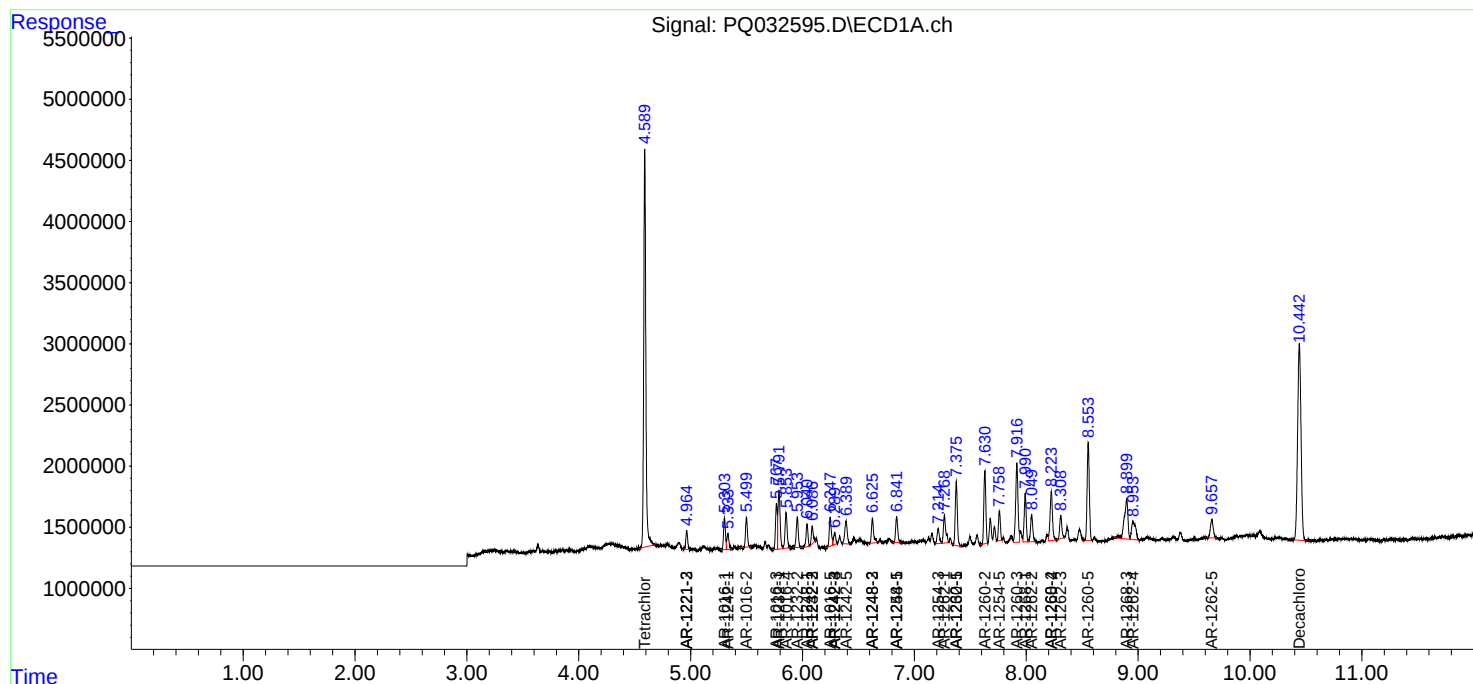
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

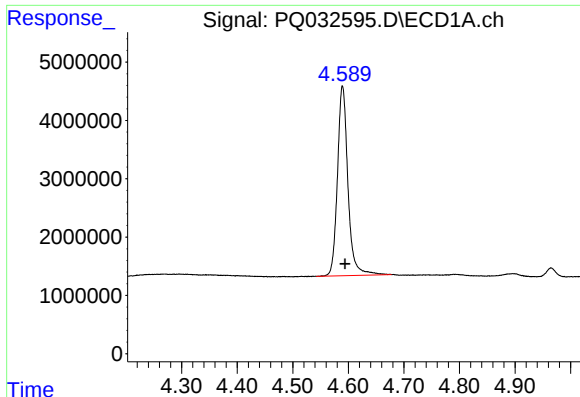
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100318\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

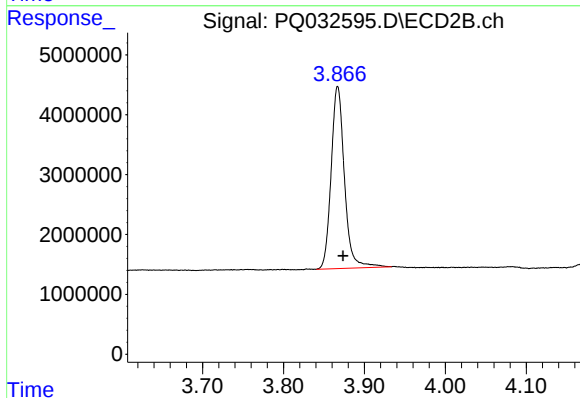




#1 Tetrachloro-m-xylene

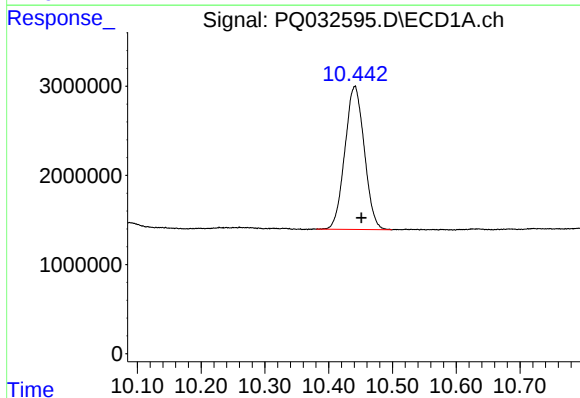
R.T.: 4.590 min
Delta R.T.: -0.004 min
Response: 42663344
Conc: 18.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



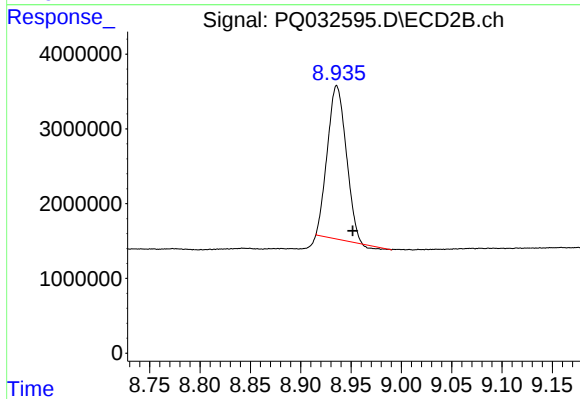
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: -0.007 min
Response: 34681638
Conc: 17.32 ng/ml



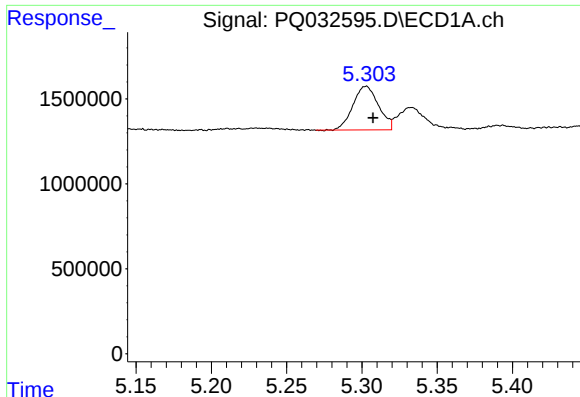
#2 Decachlorobiphenyl

R.T.: 10.441 min
Delta R.T.: -0.010 min
Response: 33980888
Conc: 16.30 ng/ml



#2 Decachlorobiphenyl

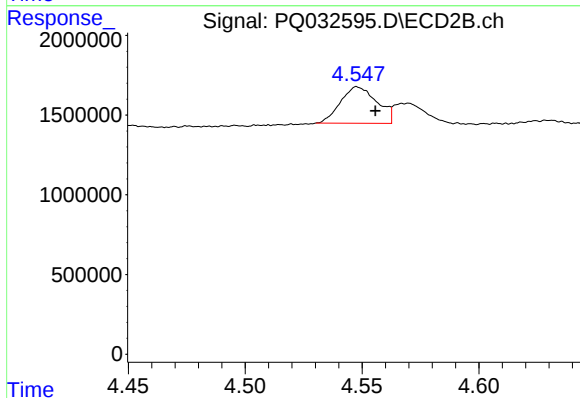
R.T.: 8.936 min
Delta R.T.: -0.016 min
Response: 26527633
Conc: 13.70 ng/ml



#3 AR-1016-1

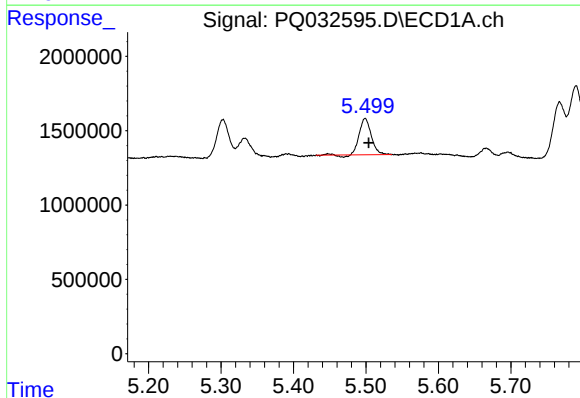
R.T.: 5.303 min
Delta R.T.: -0.005 min
Response: 3043475
Conc: 57.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



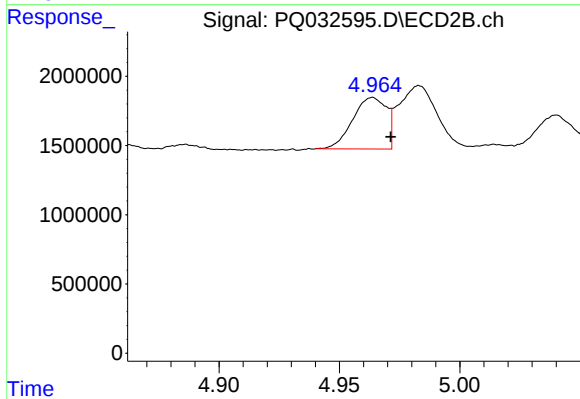
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: -0.008 min
Response: 2480569
Conc: 51.41 ng/ml



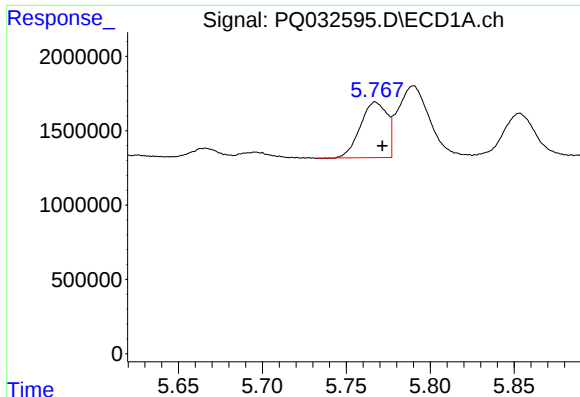
#4 AR-1016-2

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 2775566
Conc: 52.93 ng/ml



#4 AR-1016-2

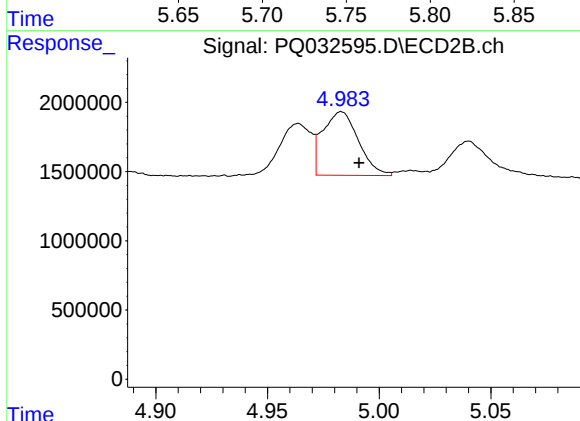
R.T.: 4.964 min
Delta R.T.: -0.007 min
Response: 3625200
Conc: 53.72 ng/ml



#5 AR-1016-3

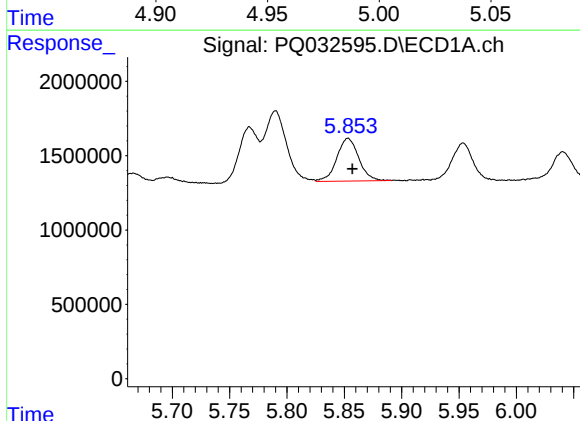
R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 4133555
Conc: 56.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



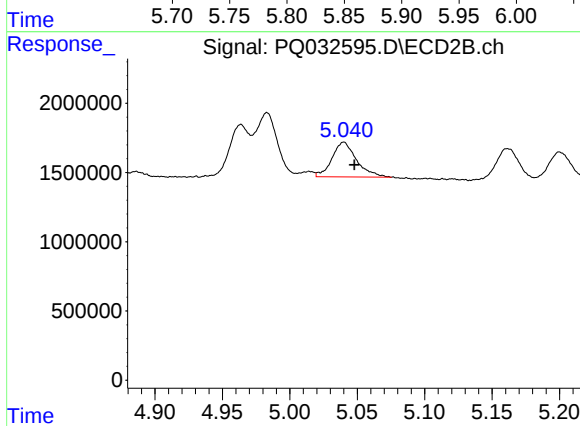
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 5133323
Conc: 54.94 ng/ml



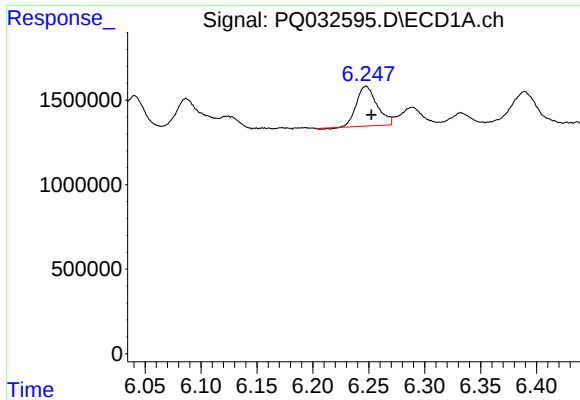
#6 AR-1016-4

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 3836127
Conc: 56.20 ng/ml



#6 AR-1016-4

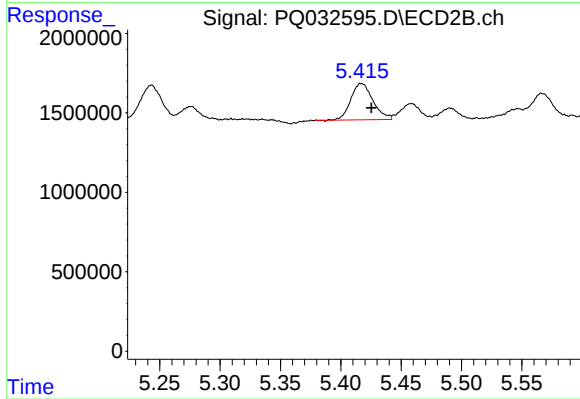
R.T.: 5.040 min
Delta R.T.: -0.008 min
Response: 3183171
Conc: 53.61 ng/ml



#7 AR-1016-5

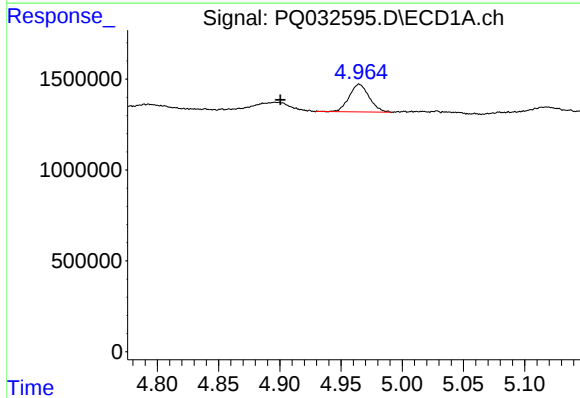
R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 3006109
Conc: 55.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



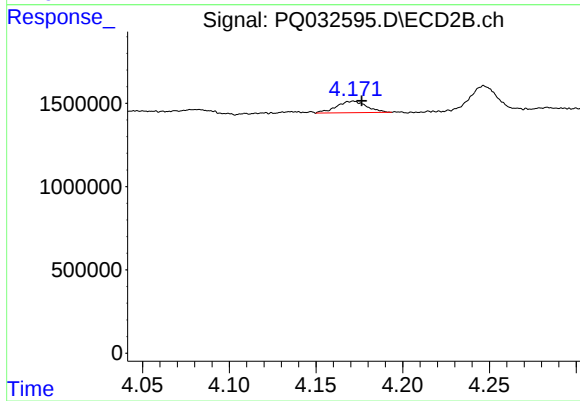
#7 AR-1016-5

R.T.: 5.417 min
Delta R.T.: -0.008 min
Response: 2926516
Conc: 56.00 ng/ml



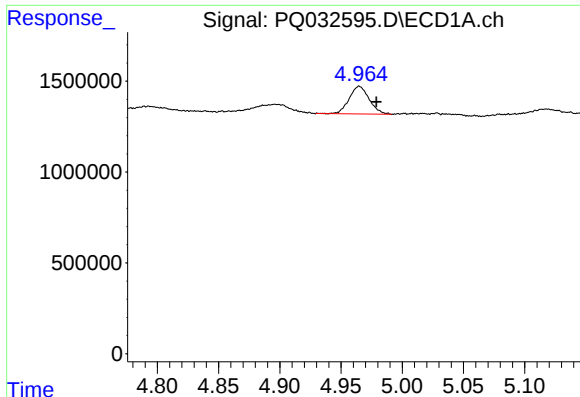
#9 AR-1221-2

R.T.: 4.965 min
Delta R.T.: 0.064 min
Response: 1734751
Conc: 98.83 ng/ml



#9 AR-1221-2

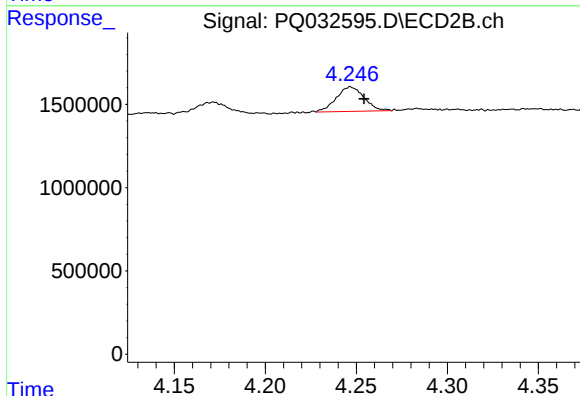
R.T.: 4.172 min
Delta R.T.: -0.005 min
Response: 836269
Conc: 53.53 ng/ml



#10 AR-1221-3

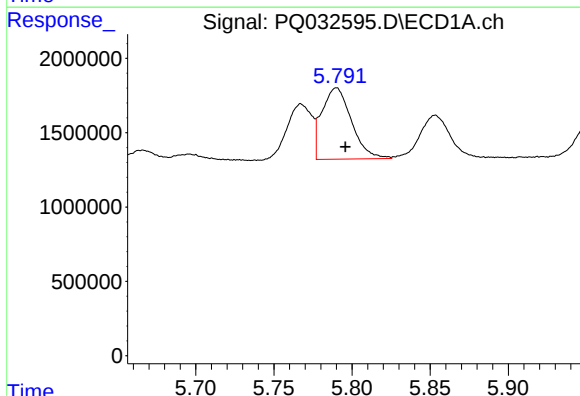
R.T.: 4.965 min
Delta R.T.: -0.014 min
Response: 1734751
Conc: 31.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



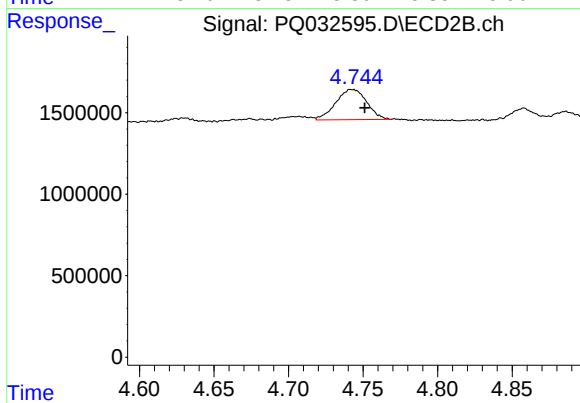
#10 AR-1221-3

R.T.: 4.247 min
Delta R.T.: -0.007 min
Response: 1567780
Conc: 32.01 ng/ml



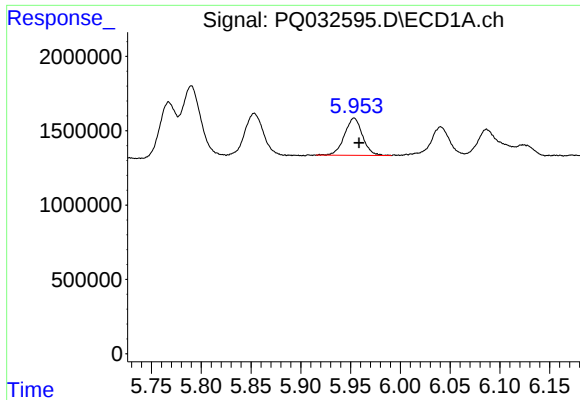
#11 AR-1232-1

R.T.: 5.790 min
Delta R.T.: -0.006 min
Response: 6330429
Conc: 152.73 ng/ml



#11 AR-1232-1

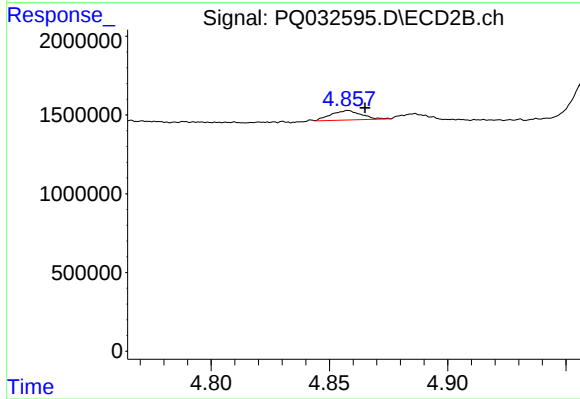
R.T.: 4.741 min
Delta R.T.: -0.010 min
Response: 2682645
Conc: 153.91 ng/ml



#12 AR-1232-2

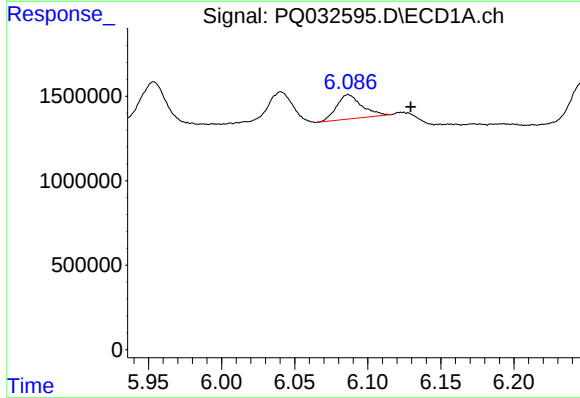
R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 3144449
Conc: 152.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



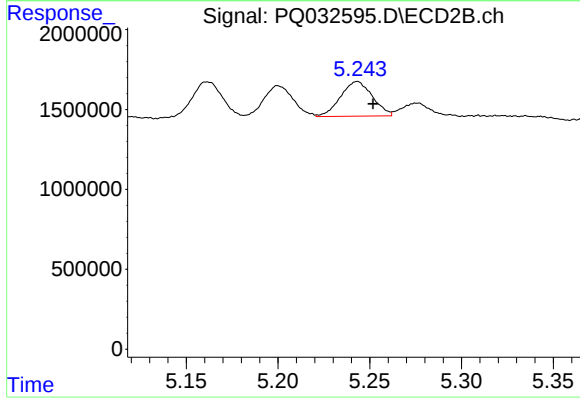
#12 AR-1232-2

R.T.: 4.858 min
Delta R.T.: -0.007 min
Response: 532425
Conc: 105.52 ng/ml



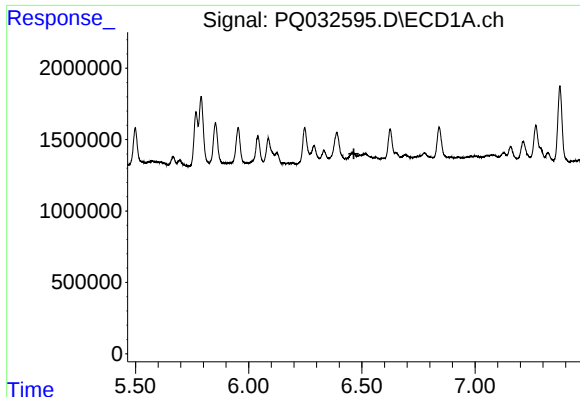
#13 AR-1232-3

R.T.: 6.087 min
Delta R.T.: -0.043 min
Response: 1729829
Conc: 300.17 ng/ml



#13 AR-1232-3

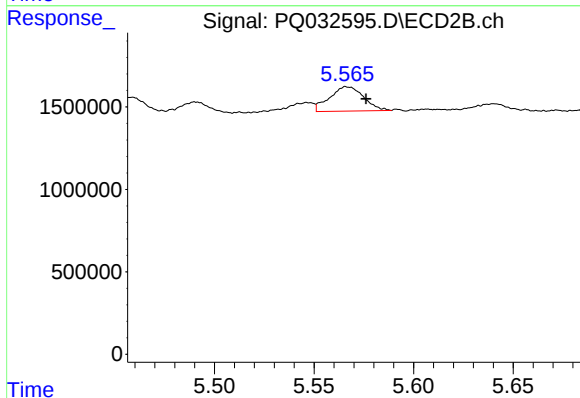
R.T.: 5.244 min
Delta R.T.: -0.008 min
Response: 2618421
Conc: 166.94 ng/ml



#14 AR-1232-4

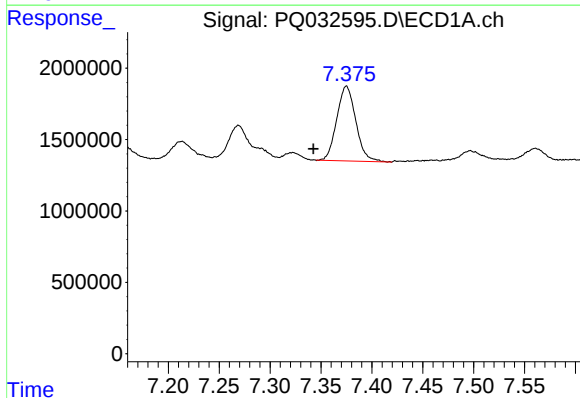
R.T.: 0.000 min
Exp R.T.: 6.465 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



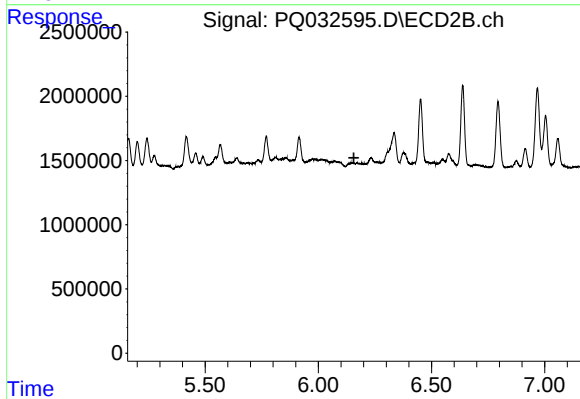
#14 AR-1232-4

R.T.: 5.566 min
Delta R.T.: -0.010 min
Response: 1753924
Conc: 94.97 ng/ml



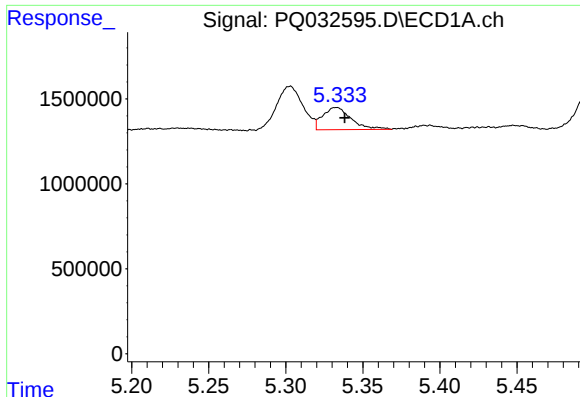
#15 AR-1232-5

R.T.: 7.375 min
Delta R.T.: 0.032 min
Response: 6829834
Conc: 2652.21 ng/ml



#15 AR-1232-5

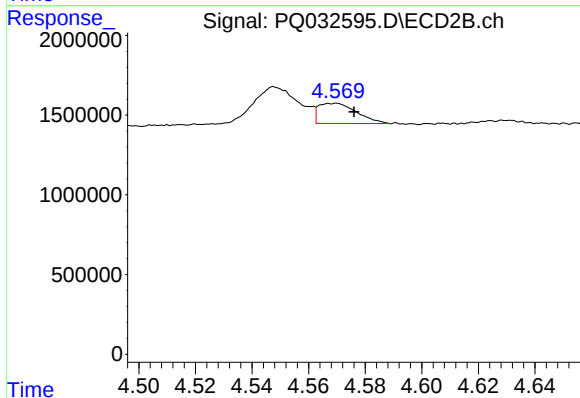
R.T.: 0.000 min
Exp R.T.: 6.157 min
Response: 0
Conc: N.D.



#16 AR-1242-1

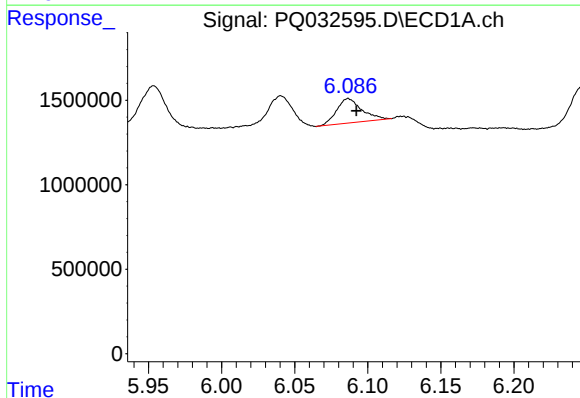
R.T.: 5.333 min
Delta R.T.: -0.006 min
Response: 1689800
Conc: 76.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



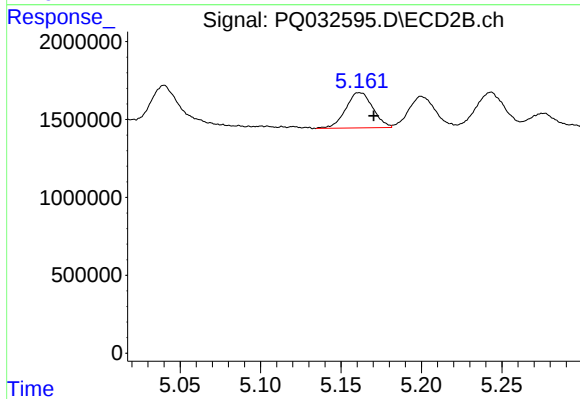
#16 AR-1242-1

R.T.: 4.567 min
Delta R.T.: -0.009 min
Response: 1190156
Conc: 59.87 ng/ml



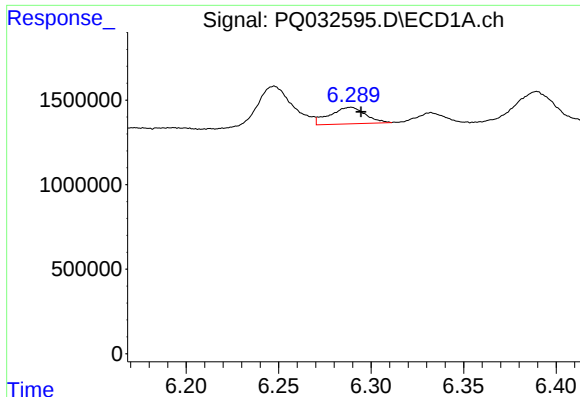
#17 AR-1242-2

R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 1729829
Conc: 47.65 ng/ml



#17 AR-1242-2

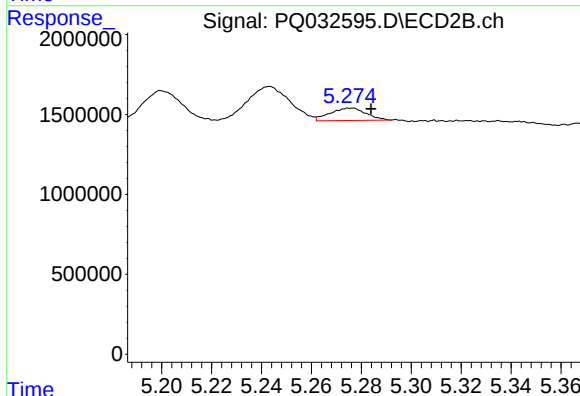
R.T.: 5.162 min
Delta R.T.: -0.009 min
Response: 2660599
Conc: 74.16 ng/ml



#18 AR-1242-3

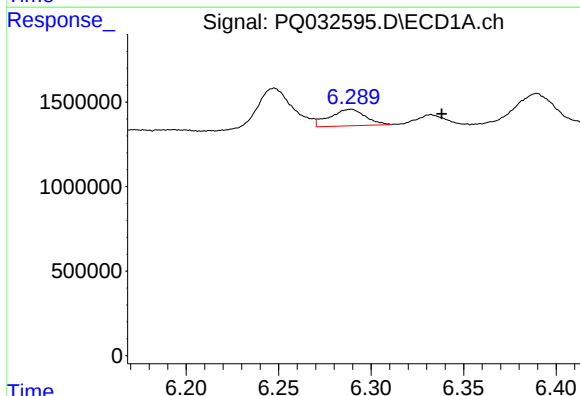
R.T.: 6.289 min
Delta R.T.: -0.005 min
Response: 1304156
Conc: 76.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



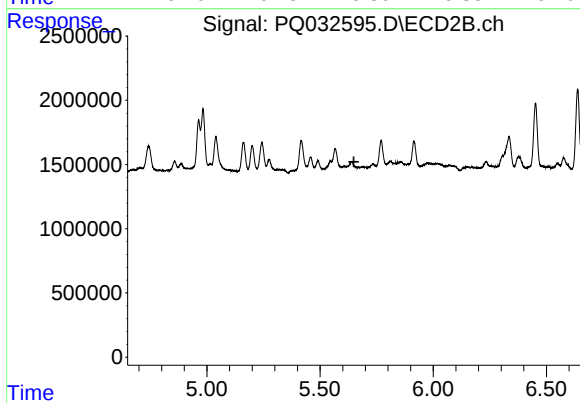
#18 AR-1242-3

R.T.: 5.277 min
Delta R.T.: -0.007 min
Response: 777794
Conc: 66.06 ng/ml



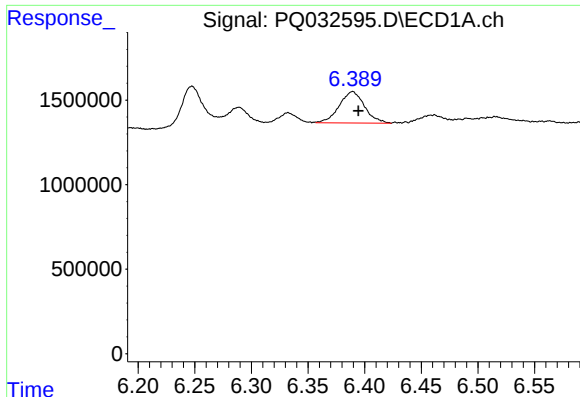
#19 AR-1242-4

R.T.: 6.289 min
Delta R.T.: -0.049 min
Response: 1304156
Conc: 85.65 ng/ml



#19 AR-1242-4

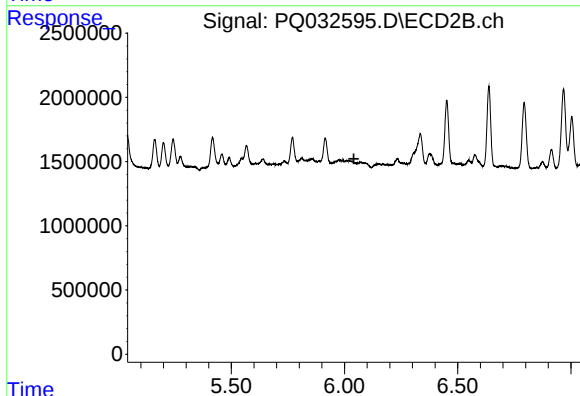
R.T.: 0.000 min
Exp R.T.: 5.650 min
Response: 0
Conc: N.D.



#20 AR-1242-5

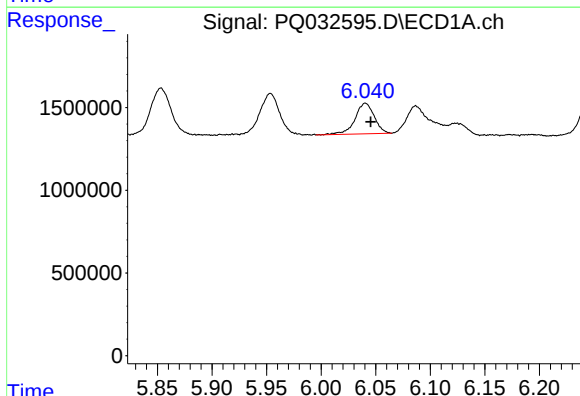
R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 2893950
Conc: 63.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



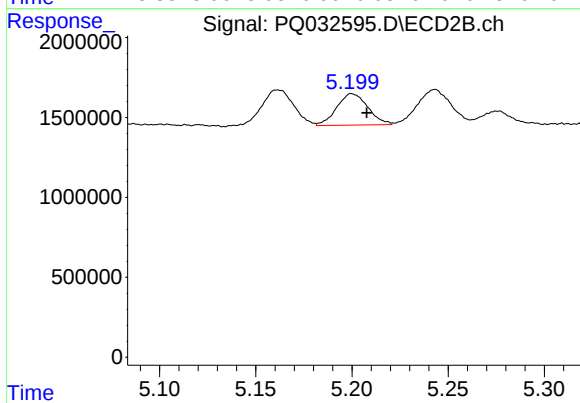
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.042 min
Response: 0
Conc: N.D.



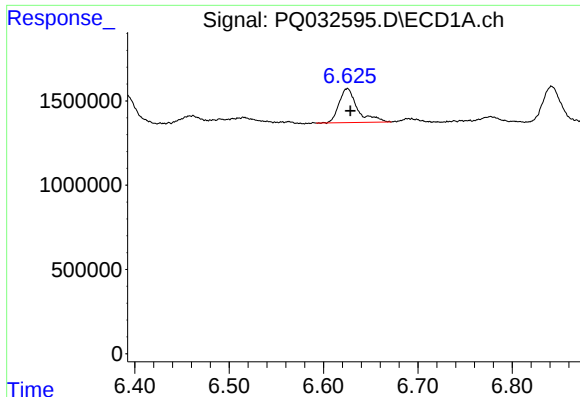
#21 AR-1248-1

R.T.: 6.041 min
Delta R.T.: -0.005 min
Response: 2263841
Conc: 39.12 ng/ml



#21 AR-1248-1

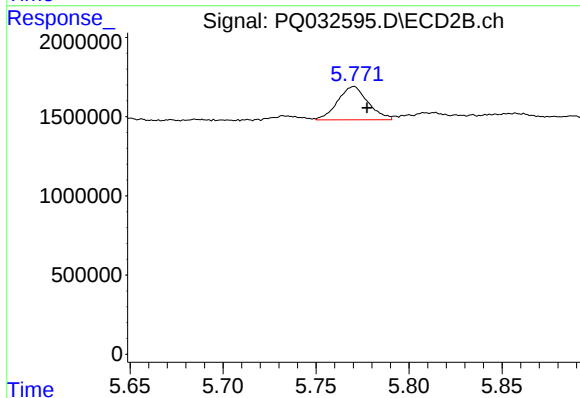
R.T.: 5.200 min
Delta R.T.: -0.008 min
Response: 2218763
Conc: 45.11 ng/ml



#22 AR-1248-2

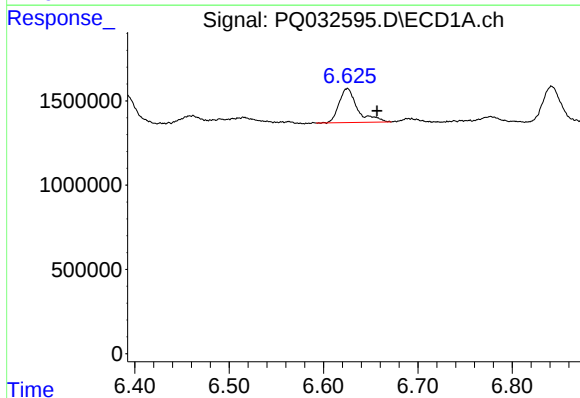
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 2747727
Conc: 48.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



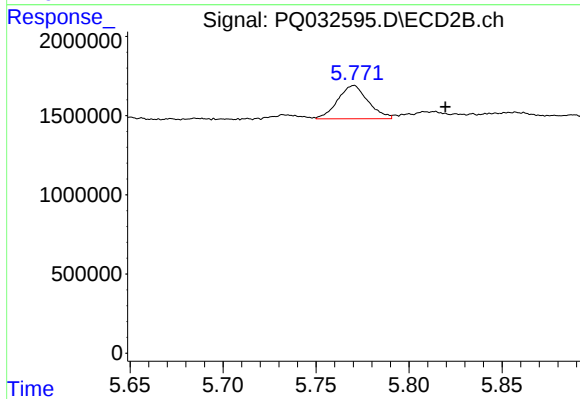
#22 AR-1248-2

R.T.: 5.771 min
Delta R.T.: -0.007 min
Response: 2385498
Conc: 26.09 ng/ml



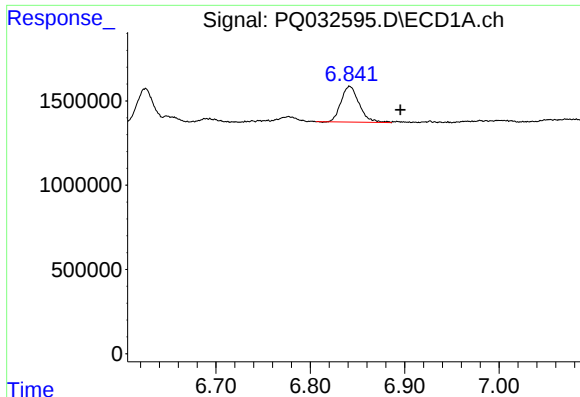
#23 AR-1248-3

R.T.: 6.625 min
Delta R.T.: -0.031 min
Response: 2747727
Conc: 36.74 ng/ml



#23 AR-1248-3

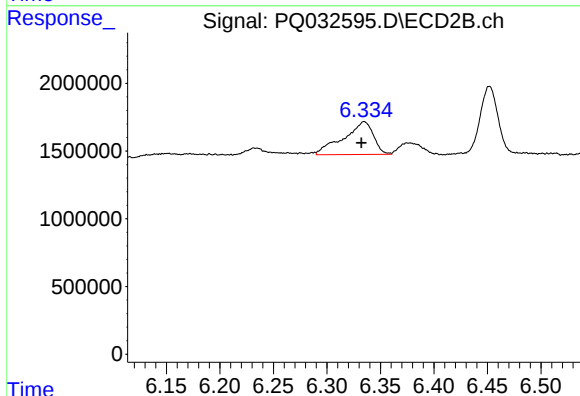
R.T.: 5.771 min
Delta R.T.: -0.049 min
Response: 2385498
Conc: 37.72 ng/ml



#25 AR-1248-5

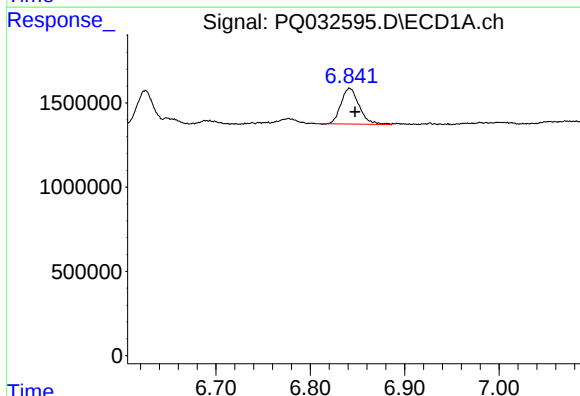
R.T.: 6.842 min
Delta R.T.: -0.054 min
Response: 2817420
Conc: 61.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



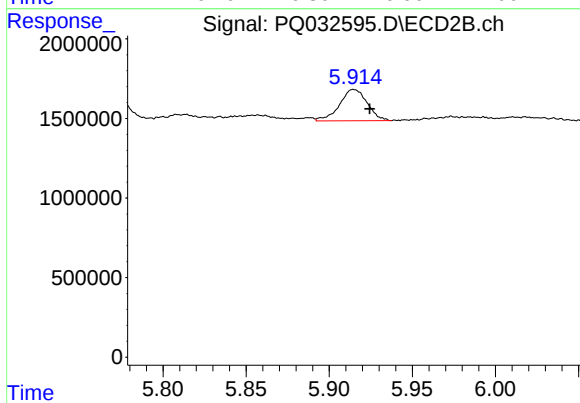
#25 AR-1248-5

R.T.: 6.335 min
Delta R.T.: 0.003 min
Response: 4704092
Conc: 115.58 ng/ml



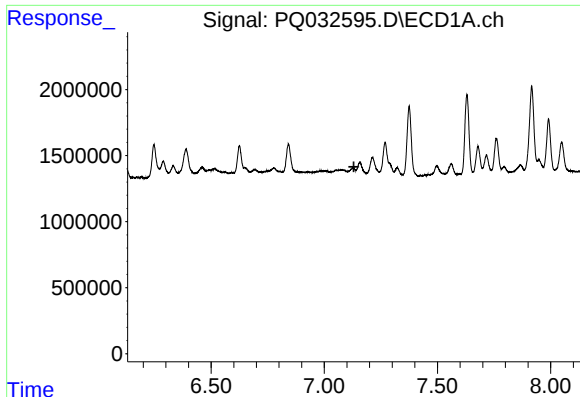
#26 AR-1254-1

R.T.: 6.842 min
Delta R.T.: -0.006 min
Response: 2817420
Conc: 16.99 ng/ml



#26 AR-1254-1

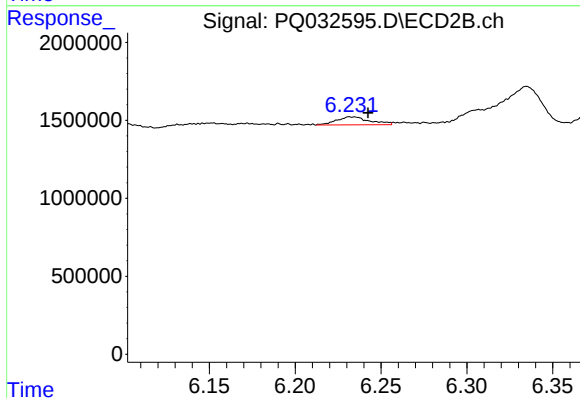
R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 2284708
Conc: 19.00 ng/ml



#27 AR-1254-2

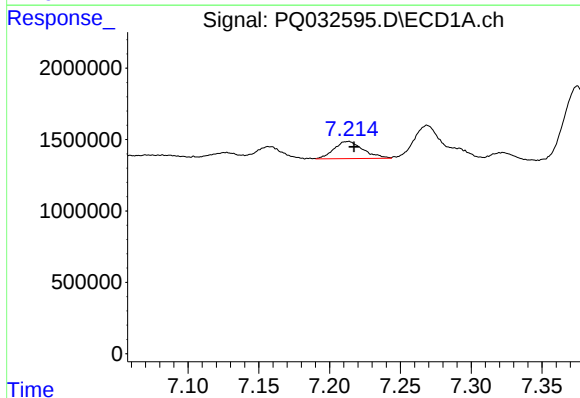
R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



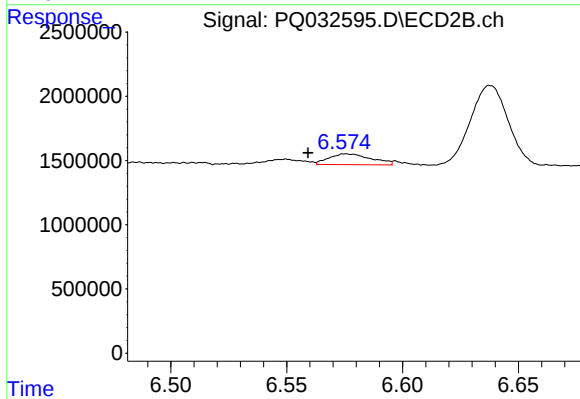
#27 AR-1254-2

R.T.: 6.232 min
Delta R.T.: -0.011 min
Response: 697595
Conc: 7.06 ng/ml



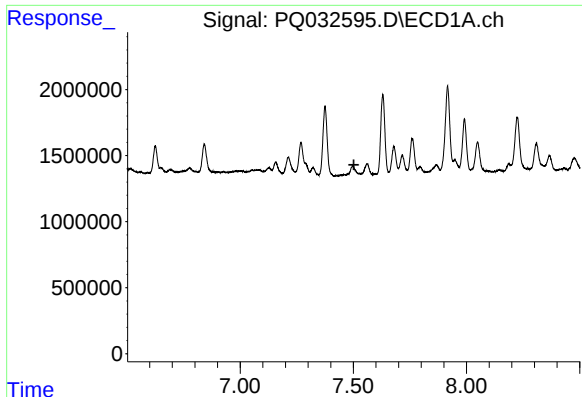
#28 AR-1254-3

R.T.: 7.213 min
Delta R.T.: -0.004 min
Response: 1715924
Conc: 9.44 ng/ml



#28 AR-1254-3

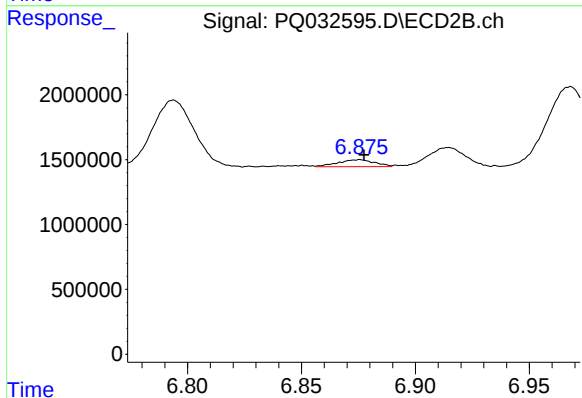
R.T.: 6.576 min
Delta R.T.: 0.017 min
Response: 1070613
Conc: 8.54 ng/ml



#29 AR-1254-4

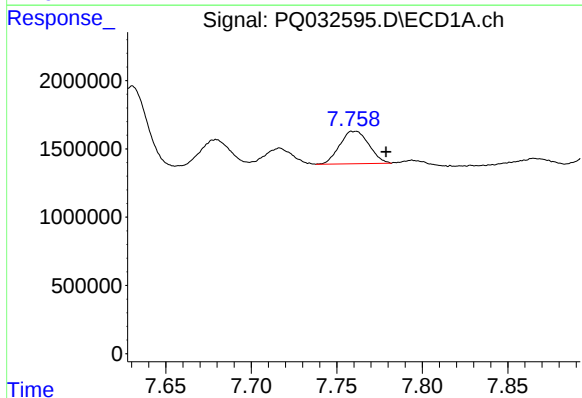
R.T.: 0.000 min
Exp R.T.: 7.503 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



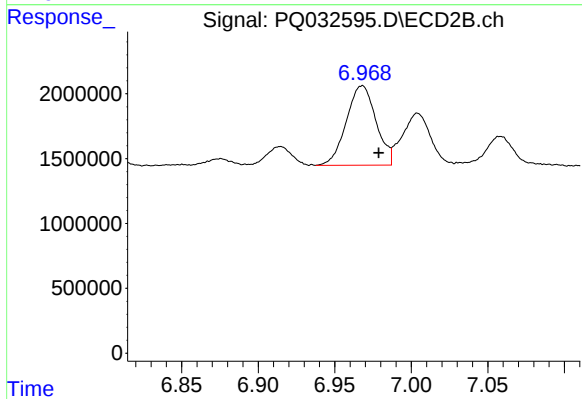
#29 AR-1254-4

R.T.: 6.876 min
Delta R.T.: -0.002 min
Response: 609286
Conc: 6.93 ng/ml



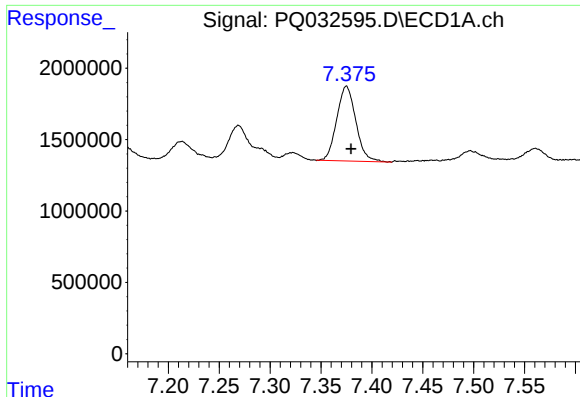
#30 AR-1254-5

R.T.: 7.760 min
Delta R.T.: -0.019 min
Response: 2835673
Conc: 27.73 ng/ml



#30 AR-1254-5

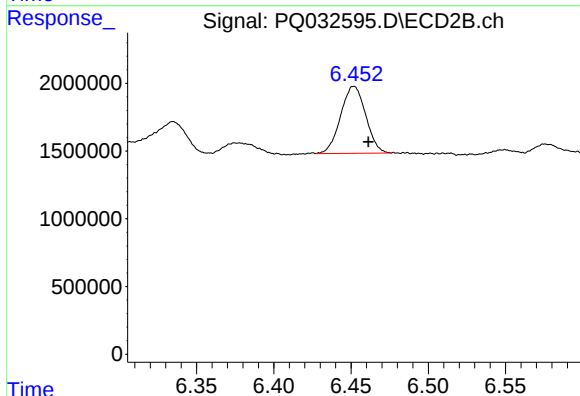
R.T.: 6.968 min
Delta R.T.: -0.010 min
Response: 8272428
Conc: 47.62 ng/ml



#31 AR-1260-1

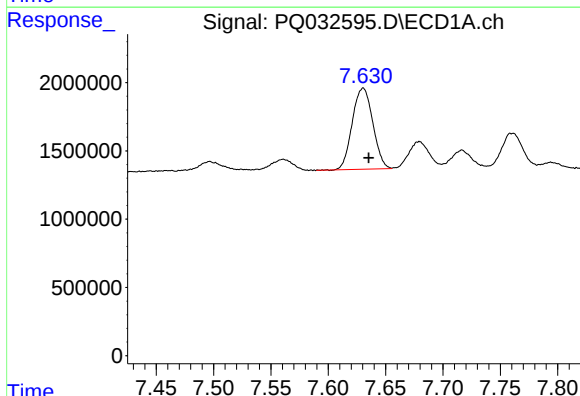
R.T.: 7.375 min
Delta R.T.: -0.005 min
Response: 6829834
Conc: 58.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



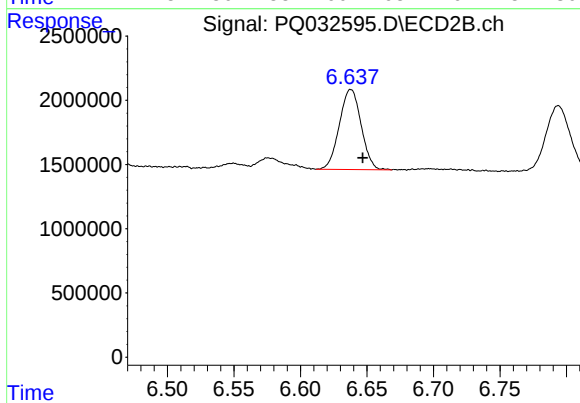
#31 AR-1260-1

R.T.: 6.452 min
Delta R.T.: -0.009 min
Response: 5601635
Conc: 52.28 ng/ml



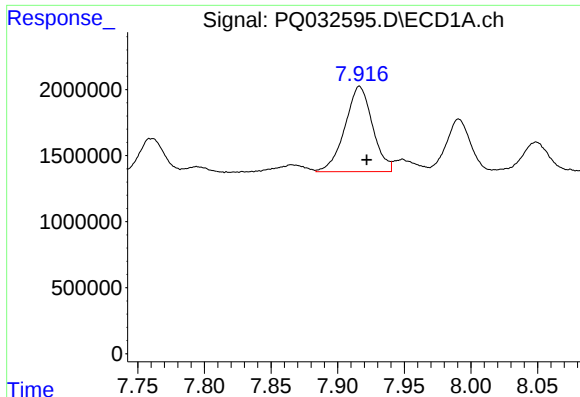
#32 AR-1260-2

R.T.: 7.630 min
Delta R.T.: -0.005 min
Response: 7402984
Conc: 55.17 ng/ml



#32 AR-1260-2

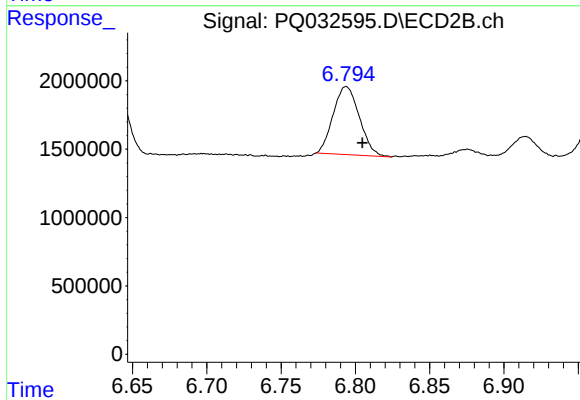
R.T.: 6.638 min
Delta R.T.: -0.009 min
Response: 7099325
Conc: 54.89 ng/ml



#33 AR-1260-3

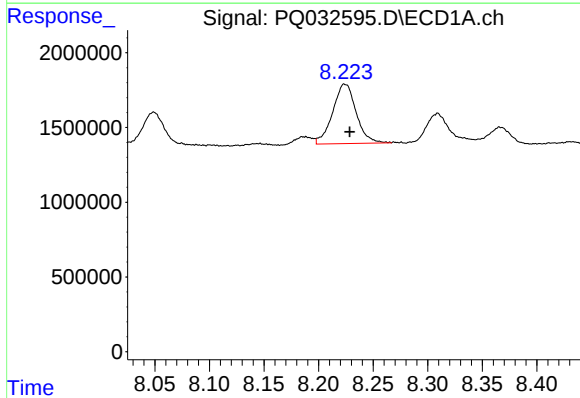
R.T.: 7.916 min
Delta R.T.: -0.005 min
Response: 9309165
Conc: 60.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



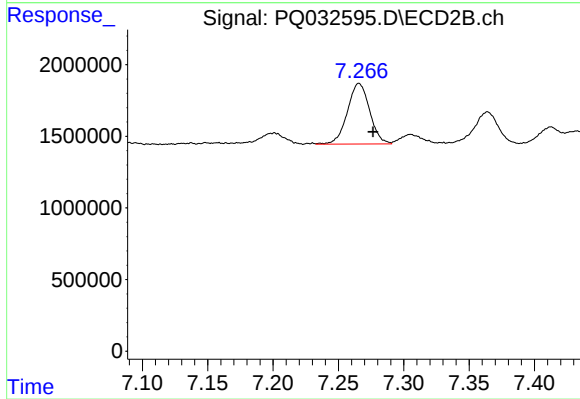
#33 AR-1260-3

R.T.: 6.794 min
Delta R.T.: -0.011 min
Response: 6103519
Conc: 50.58 ng/ml



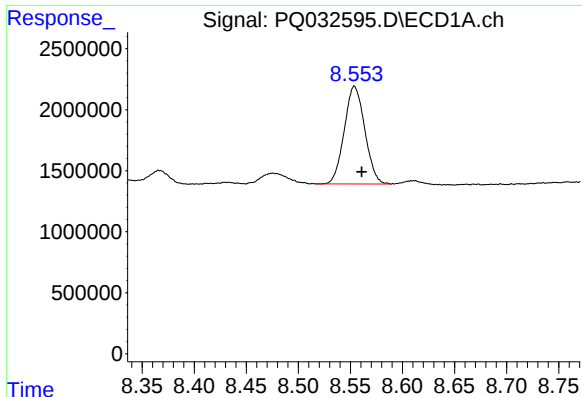
#34 AR-1260-4

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 5977502
Conc: 52.33 ng/ml



#34 AR-1260-4

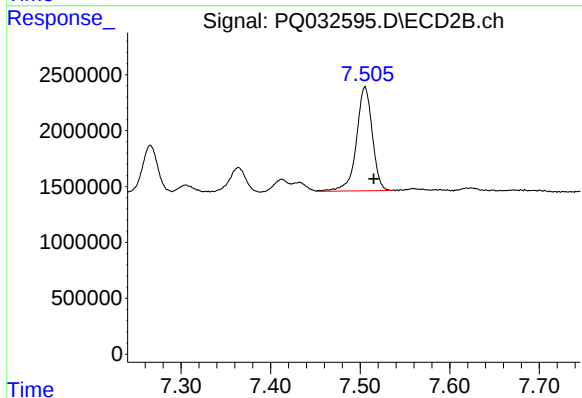
R.T.: 7.266 min
Delta R.T.: -0.011 min
Response: 5014149
Conc: 51.19 ng/ml



#35 AR-1260-5

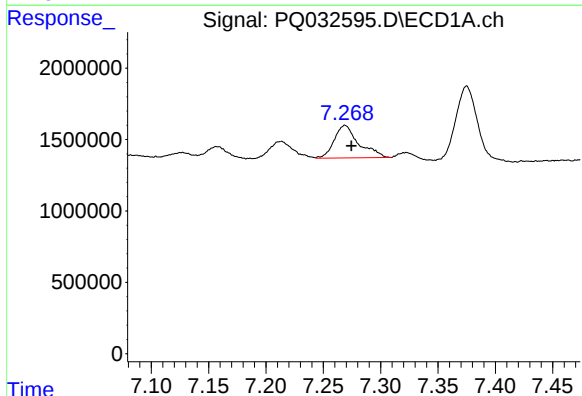
R.T.: 8.554 min
Delta R.T.: -0.007 min
Response: 11003774
Conc: 48.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



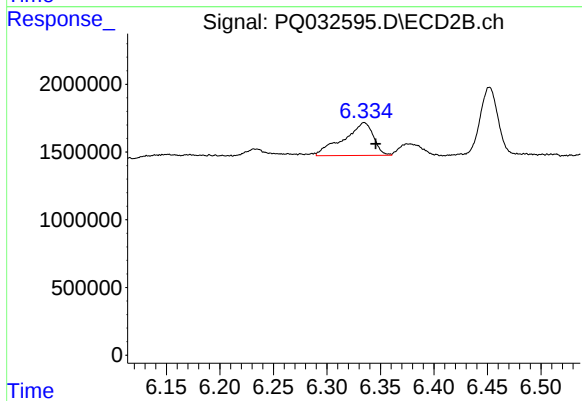
#35 AR-1260-5

R.T.: 7.506 min
Delta R.T.: -0.010 min
Response: 11435285
Conc: 47.89 ng/ml



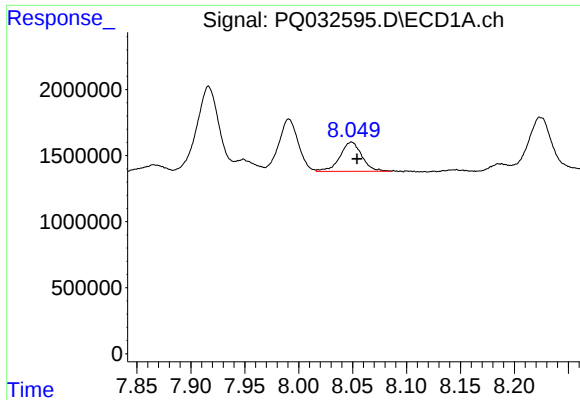
#36 AR-1262-1

R.T.: 7.269 min
Delta R.T.: -0.005 min
Response: 3399790
Conc: 57.51 ng/ml



#36 AR-1262-1

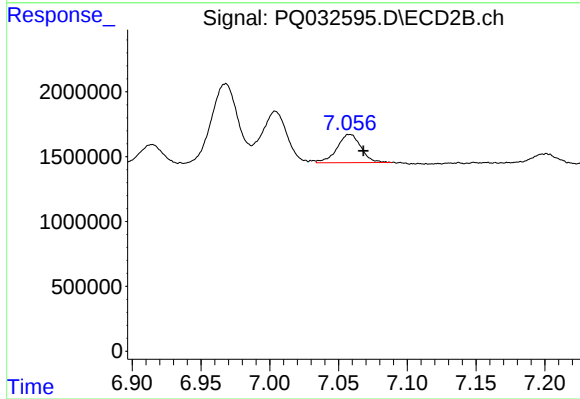
R.T.: 6.335 min
Delta R.T.: -0.011 min
Response: 4704092
Conc: 89.33 ng/ml



#37 AR-1262-2

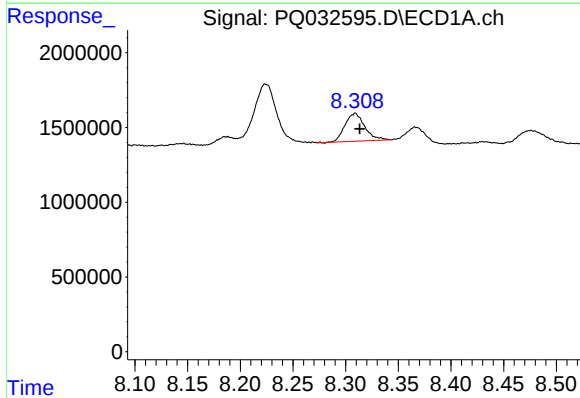
R.T.: 8.049 min
Delta R.T.: -0.005 min
Response: 3112223
Conc: 61.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



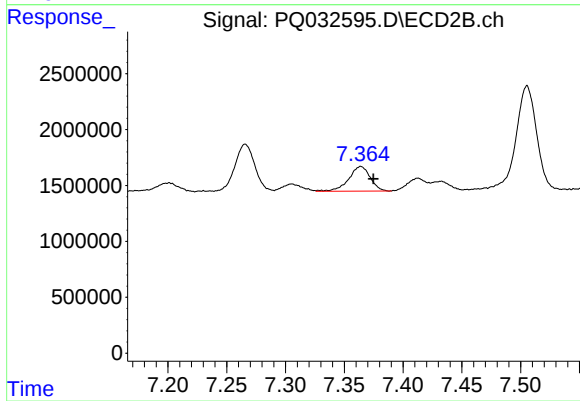
#37 AR-1262-2

R.T.: 7.059 min
Delta R.T.: -0.010 min
Response: 2654267
Conc: 52.61 ng/ml



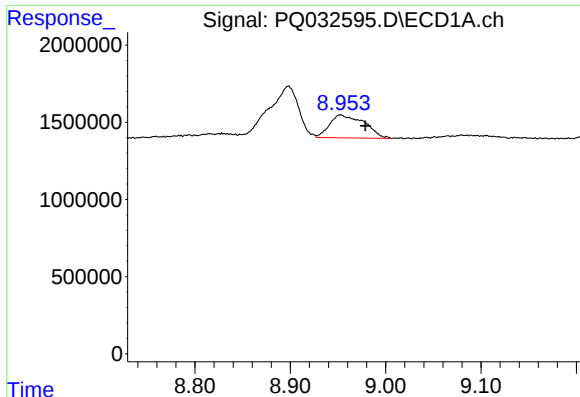
#38 AR-1262-3

R.T.: 8.309 min
Delta R.T.: -0.004 min
Response: 2453913
Conc: 43.16 ng/ml



#38 AR-1262-3

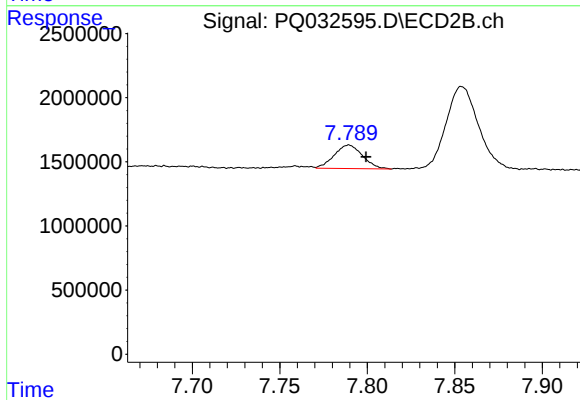
R.T.: 7.364 min
Delta R.T.: -0.011 min
Response: 2802537
Conc: 51.31 ng/ml



#39 AR-1262-4

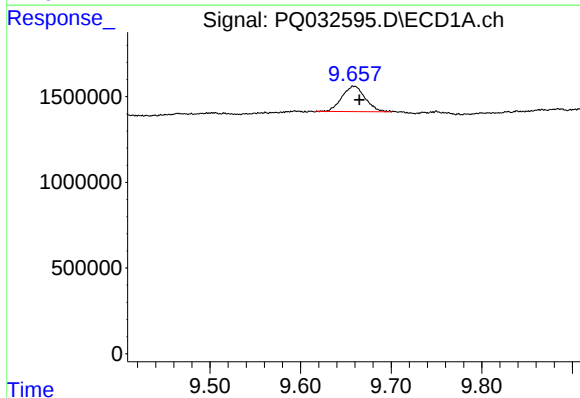
R.T.: 8.953 min
Delta R.T.: -0.026 min
Response: 3767431
Conc: 32.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



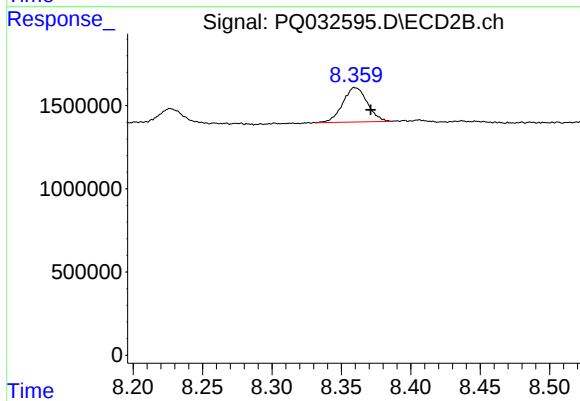
#39 AR-1262-4

R.T.: 7.790 min
Delta R.T.: -0.010 min
Response: 2069860
Conc: 23.16 ng/ml



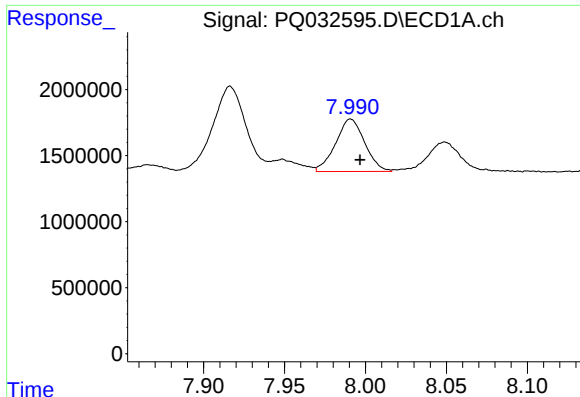
#40 AR-1262-5

R.T.: 9.659 min
Delta R.T.: -0.006 min
Response: 2639845
Conc: 32.48 ng/ml



#40 AR-1262-5

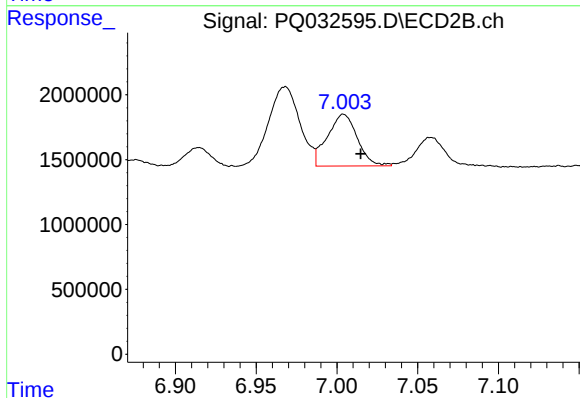
R.T.: 8.359 min
Delta R.T.: -0.012 min
Response: 2560087
Conc: 32.38 ng/ml



#41 AR-1268-1

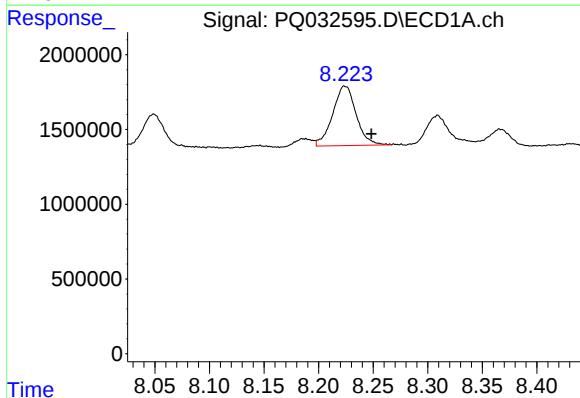
R.T.: 7.991 min
Delta R.T.: -0.006 min
Response: 4966772
Conc: 94.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



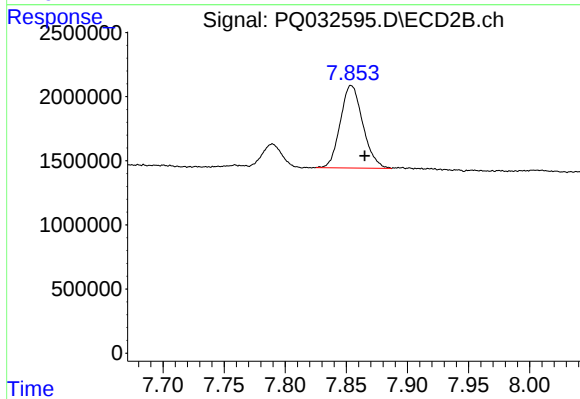
#41 AR-1268-1

R.T.: 7.004 min
Delta R.T.: -0.011 min
Response: 5150752
Conc: 102.22 ng/ml



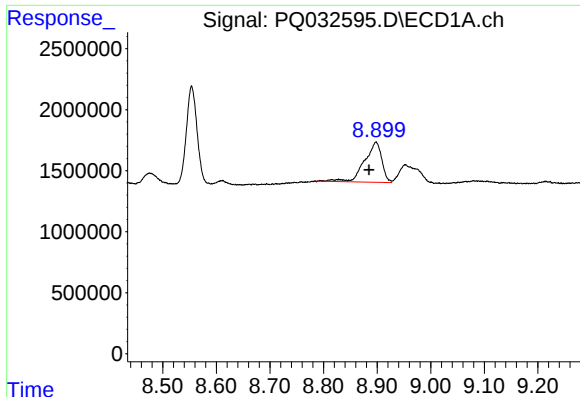
#42 AR-1268-2

R.T.: 8.224 min
Delta R.T.: -0.024 min
Response: 5977502
Conc: 87.77 ng/ml



#42 AR-1268-2

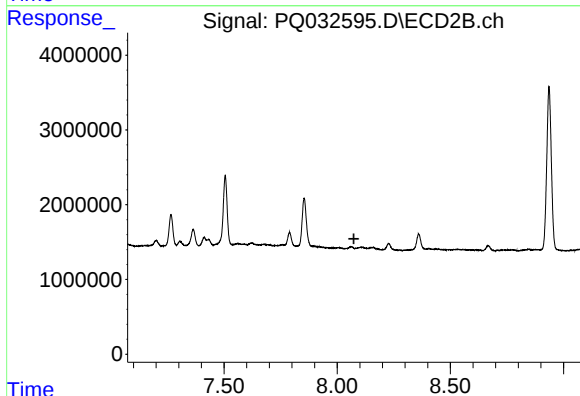
R.T.: 7.854 min
Delta R.T.: -0.011 min
Response: 8263394
Conc: 31.13 ng/ml



#43 AR-1268-3

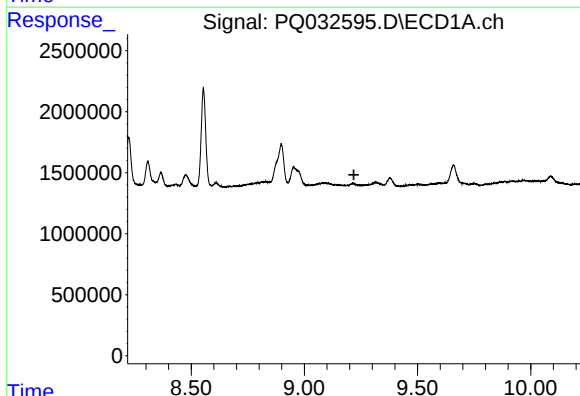
R.T.: 8.898 min
Delta R.T.: 0.013 min
Response: 7408563
Conc: 25.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



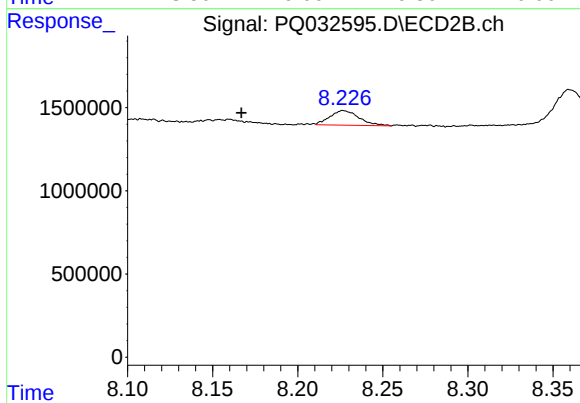
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.074 min
Response: 0
Conc: N.D.



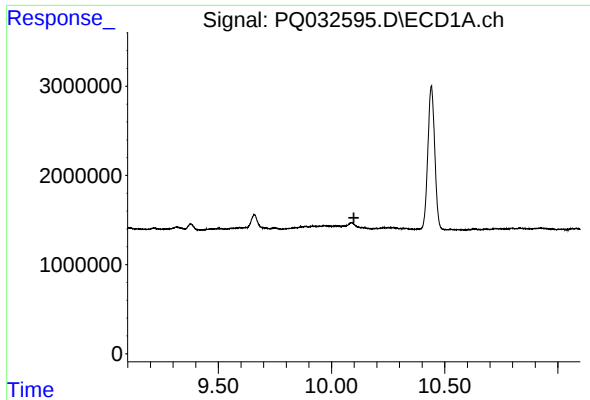
#44 AR-1268-4

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



#44 AR-1268-4

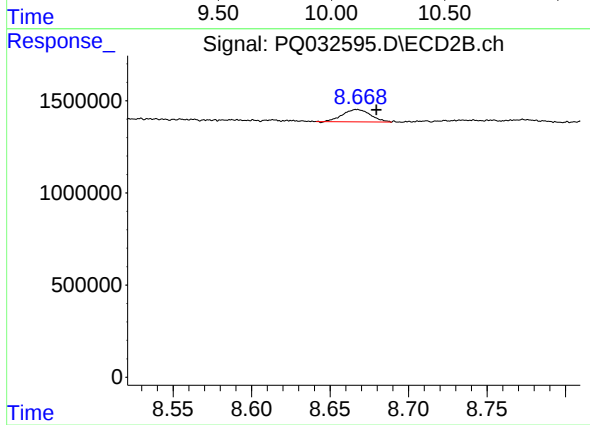
R.T.: 8.227 min
Delta R.T.: 0.060 min
Response: 1046281
Conc: 18.21 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.668 min
Delta R.T.: -0.012 min
Response: 832298
Conc: 1.17 ng/ml