

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100518\
 Data File : PQ032707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2018 04:26
 Operator : SM\SJ
 Sample : J5183-08 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 00:51:37 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092618CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 27 08:45:59 2018
 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...	4.584	3.864	4861045	3720415	3.161	3.224
2)	SA Decachlor...	10.430	8.930	6680153	6946783	2.889	3.472
Target Compounds							
3)	L1 AR-1016-1	5.784	4.979	88744255	69357566	1456.819	1348.746
4)	L1 AR-1016-2	5.784	4.979	88744255	69357566	967.037	945.297
5)	L1 AR-1016-3	5.849	5.159	13131651	22353682	229.592	624.283 #
6)	L1 AR-1016-4	5.946	5.197	25333653	32583546	541.326	1004.050 #
7)	L1 AR-1016-5	6.241	5.413	43246195	50909222	862.299	1167.832 #
9)	L2 AR-1221-2	4.954	4.243	67479	105114	6.350	13.039 #
10)	L2 AR-1221-3	4.958	4.243	172341	105114	4.423	3.439
11)	L3 AR-1232-1	4.958	4.243	172341	105114	6.962	5.370
12)	L3 AR-1232-2	5.492	4.979	29683742	69357566	2005.559	2822.835 #
13)	L3 AR-1232-3	5.784	5.159	88744255	22353682	2892.329	1924.393 #
14)	L3 AR-1232-4	5.946	5.239	25333653	40138457	1646.571	3365.483 #
15)	L3 AR-1232-5	6.034	5.413	37857456	50909222	3416.703	3677.938
16)	L4 AR-1242-1	5.784	4.979	88744255	69357566	1798.771	1651.036
17)	L4 AR-1242-2	5.784	4.979	88744255	69357566	1167.909	1168.681
18)	L4 AR-1242-3	5.849	5.159	13131651	22353682	276.175	722.079 #
19)	L4 AR-1242-4	5.946	5.239	25333653	40138457	655.563	1196.065 #
20)	L4 AR-1242-5	6.684	5.764	57849299	52142523	1212.653	1116.029
21)	L5 AR-1248-1	5.784	4.979	88744255	69357566	2007.082	1831.090
22)	L5 AR-1248-2	6.034	5.197	37857456	32583546	565.647	616.491
23)	L5 AR-1248-3	6.241	5.239	43246195	40138457	545.806	729.855 #
24)	L5 AR-1248-4	6.645	5.413	47284807	50909222	504.804	730.928 #
25)	L5 AR-1248-5	6.684	5.806	57849299	48469589	644.997	652.131
26)	L6 AR-1254-1	6.645	5.764	47284807	52142523	492.361	457.518
27)	L6 AR-1254-2	6.844	5.911	49514778	12706740	318.523	123.960 #
28)	L6 AR-1254-3	7.206	6.319	22227041	20991457	126.084	113.568
29)	L6 AR-1254-4	7.491	6.545	15915342	12992702	121.361	108.947
30)	L6 AR-1254-5	7.911	6.965	27808506	14654126	186.915	87.083 #
31)	L7 AR-1260-1	7.364	6.460	8803902	15253227	74.421	139.713 #
32)	L7 AR-1260-2	7.622	6.633	9891539	6639472	68.750	49.015 #
33)	L7 AR-1260-3	7.983	6.790	4946912	5623724	47.361	44.614
34)	L7 AR-1260-4	8.209	7.261	7675004	3987650	61.303	37.484 #
35)	L7 AR-1260-5	8.548	7.505	11061015	16654045	42.807	62.680 #
36)	L8 AR-1262-1	7.983	6.997	4946912	2322689	31.001	14.848 #
37)	L8 AR-1262-2	8.548	7.505	11061015	16654045	37.236	54.773 #
38)	L8 AR-1262-3	8.888	7.784	7386155	1910815	37.356	16.615 #
39)	L8 AR-1262-4	8.943	7.849	5543722	5602356	37.938	25.518 #
40)	L8 AR-1262-5	9.647	8.354	1403040	1380099	13.490	13.651
41)	L9 AR-1268-1	8.888	7.784	7386155	1910815	16.143	4.227 #
42)	L9 AR-1268-2	8.943	7.849	5543722	5602356	13.395	13.815

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 00:51:37 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092618CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 27 08:45:59 2018
 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
43) L9	AR-1268-3	9.256	8.057	3184760	538812	8.998	1.601 #
44) L9	AR-1268-4	9.647	8.354	1403040	1380099	9.191	9.355
45) L9	AR-1268-5	10.124	8.661	380531	1450930	0.336	1.367 #

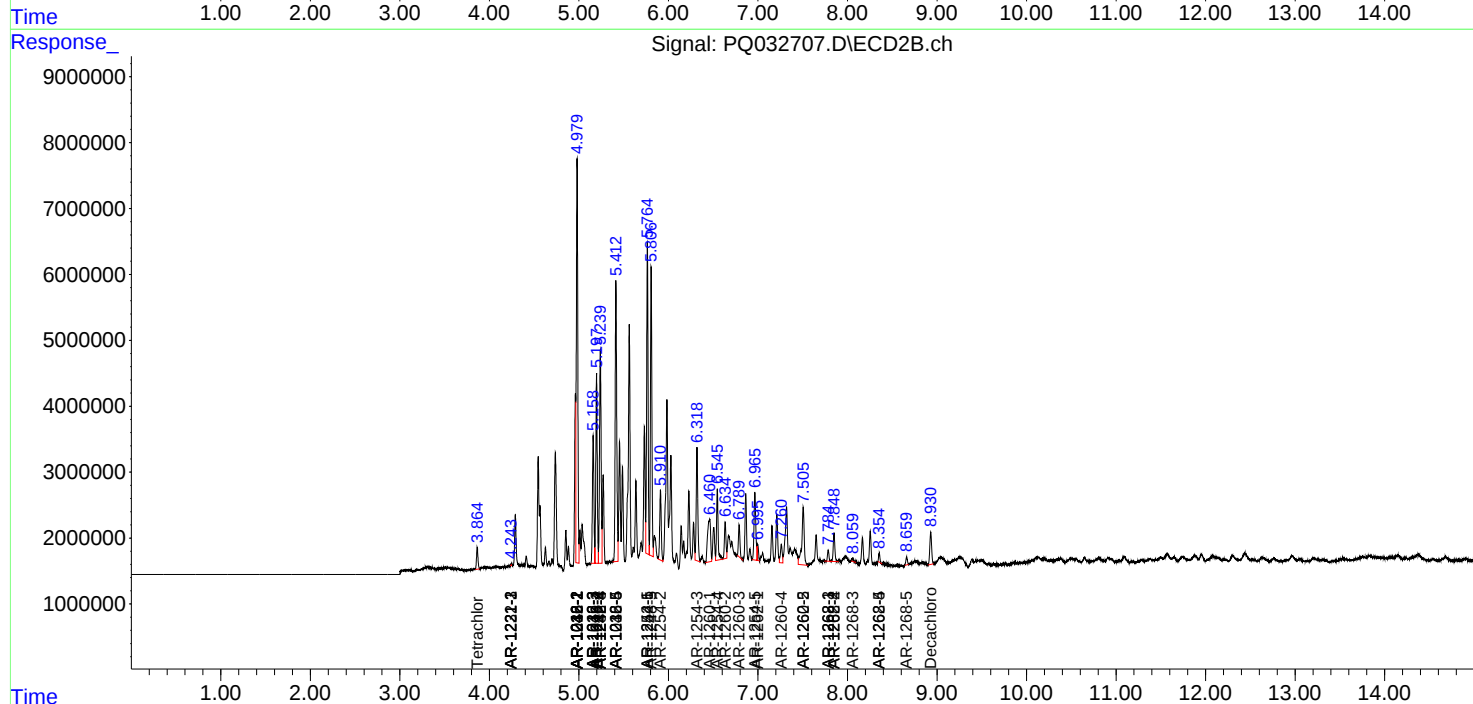
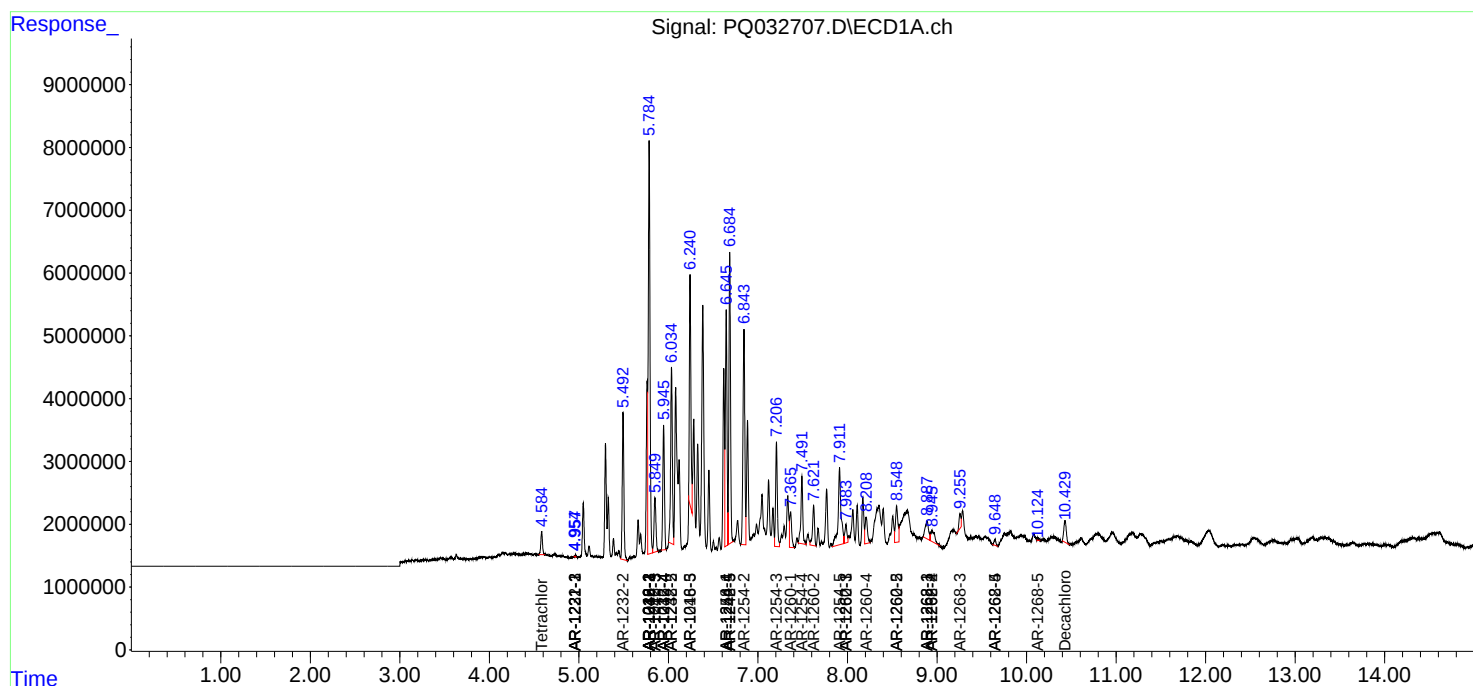
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

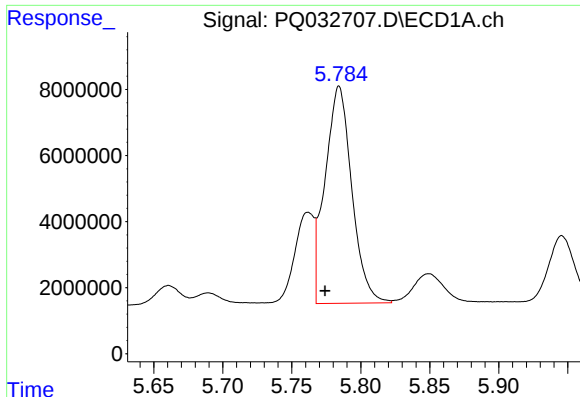
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

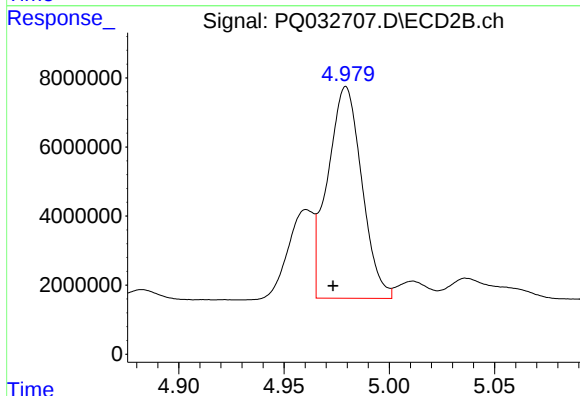




#3 AR-1016-1

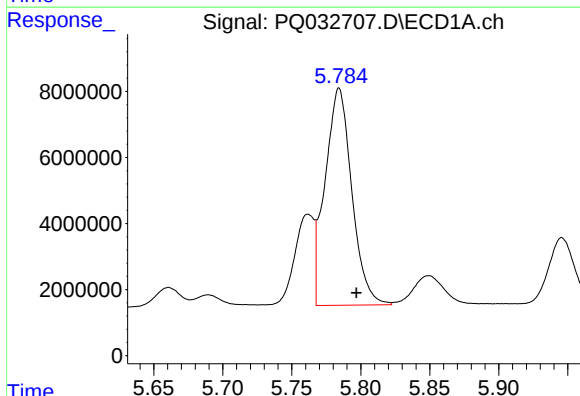
R.T.: 5.784 min
Delta R.T.: 0.010 min
Response: 88744255
Conc: 1456.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



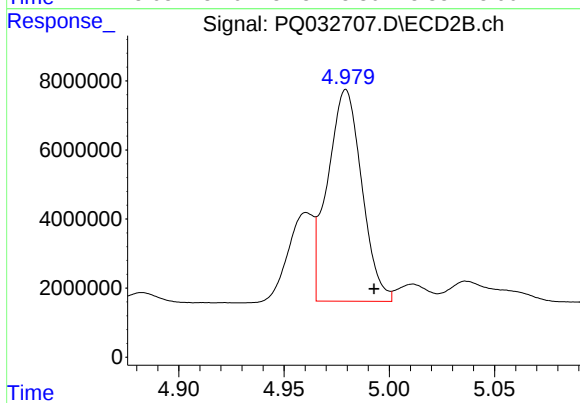
#3 AR-1016-1

R.T.: 4.979 min
Delta R.T.: 0.006 min
Response: 69357566
Conc: 1348.75 ng/ml



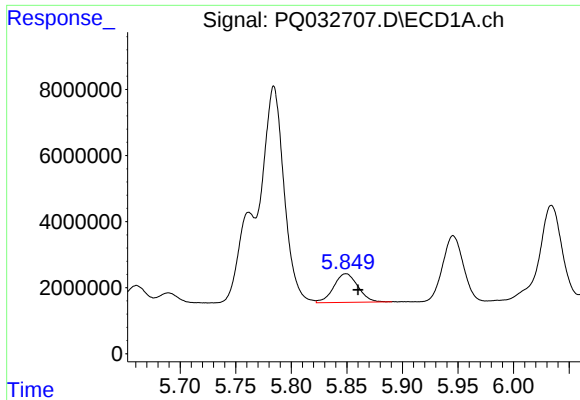
#4 AR-1016-2

R.T.: 5.784 min
Delta R.T.: -0.013 min
Response: 88744255
Conc: 967.04 ng/ml



#4 AR-1016-2

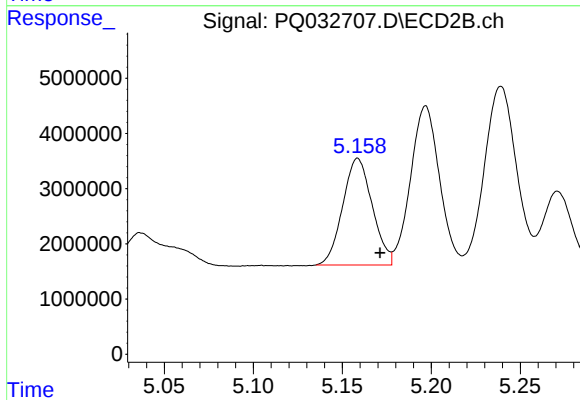
R.T.: 4.979 min
Delta R.T.: -0.013 min
Response: 69357566
Conc: 945.30 ng/ml



#5 AR-1016-3

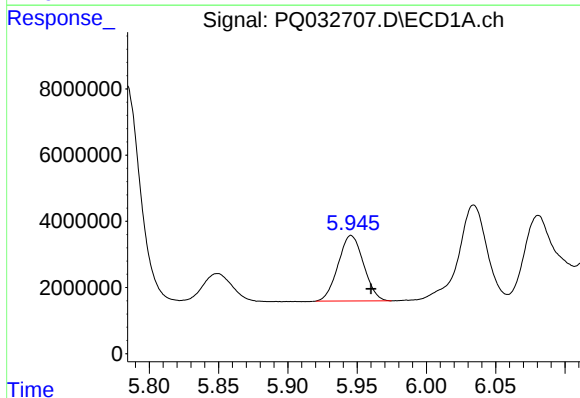
R.T.: 5.849 min
Delta R.T.: -0.011 min
Response: 13131651
Conc: 229.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



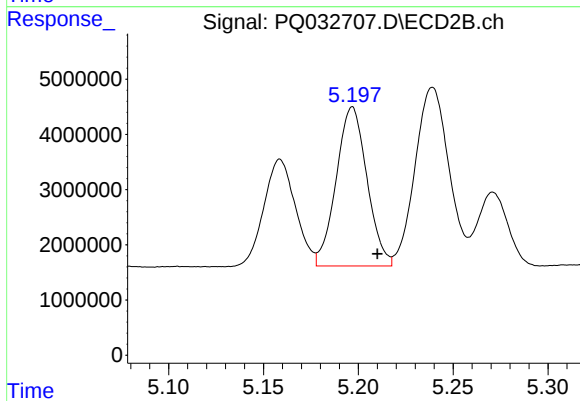
#5 AR-1016-3

R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 22353682
Conc: 624.28 ng/ml



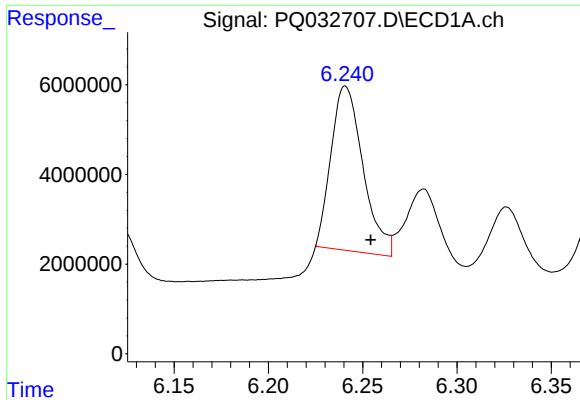
#6 AR-1016-4

R.T.: 5.946 min
Delta R.T.: -0.014 min
Response: 25333653
Conc: 541.33 ng/ml



#6 AR-1016-4

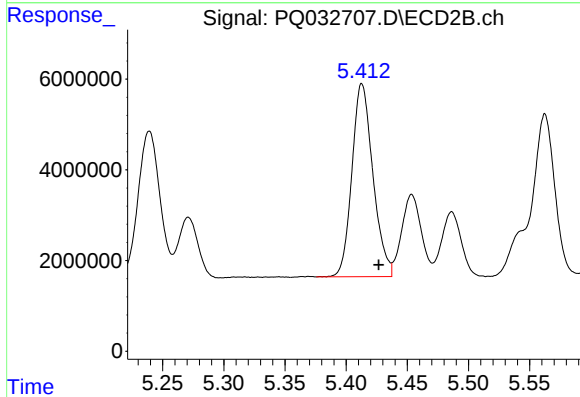
R.T.: 5.197 min
Delta R.T.: -0.013 min
Response: 32583546
Conc: 1004.05 ng/ml



#7 AR-1016-5

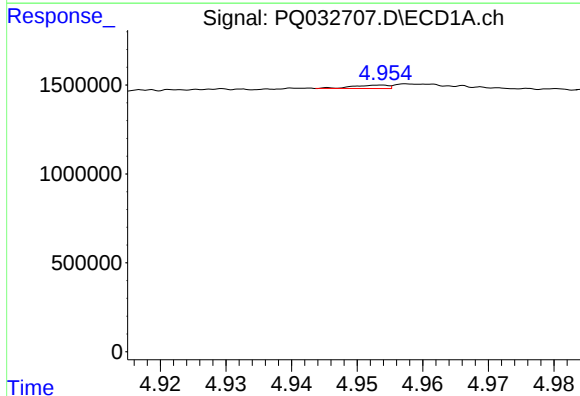
R.T.: 6.241 min
Delta R.T.: -0.013 min
Response: 43246195
Conc: 862.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



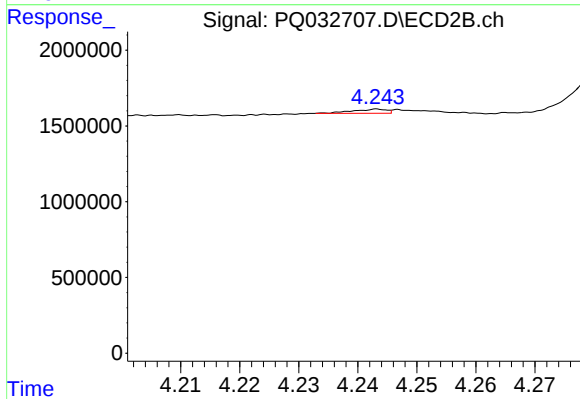
#7 AR-1016-5

R.T.: 5.413 min
Delta R.T.: -0.014 min
Response: 50909222
Conc: 1167.83 ng/ml



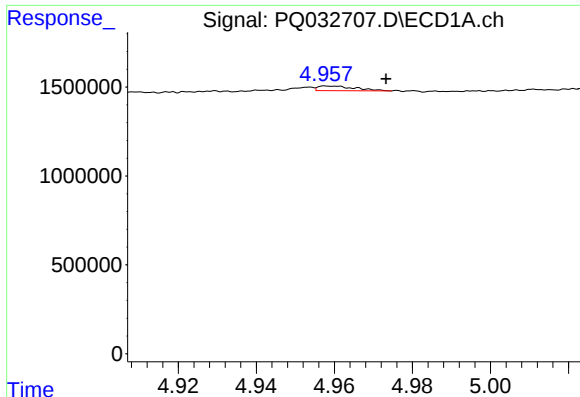
#9 AR-1221-2

R.T.: 4.954 min
Delta R.T.: 0.058 min
Response: 67479
Conc: 6.35 ng/ml



#9 AR-1221-2

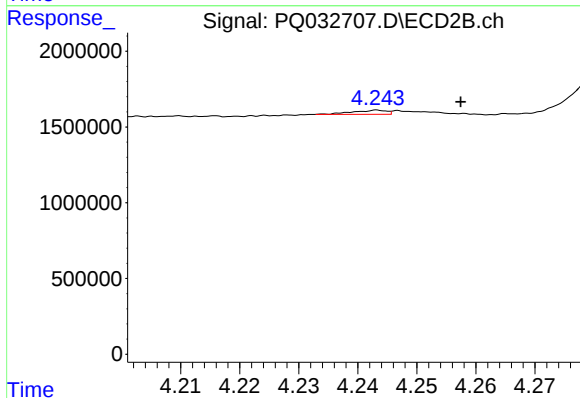
R.T.: 4.243 min
Delta R.T.: 0.064 min
Response: 105114
Conc: 13.04 ng/ml



#10 AR-1221-3

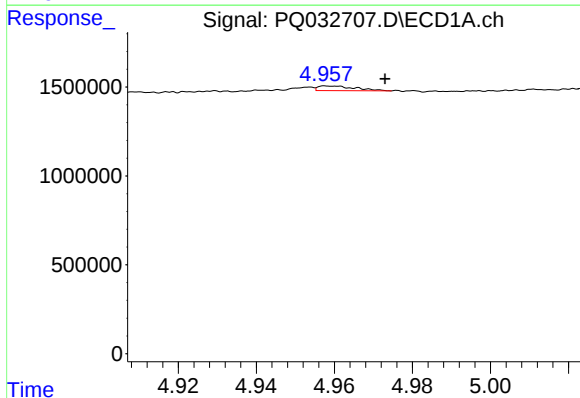
R.T.: 4.958 min
Delta R.T.: -0.015 min
Response: 172341
Conc: 4.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



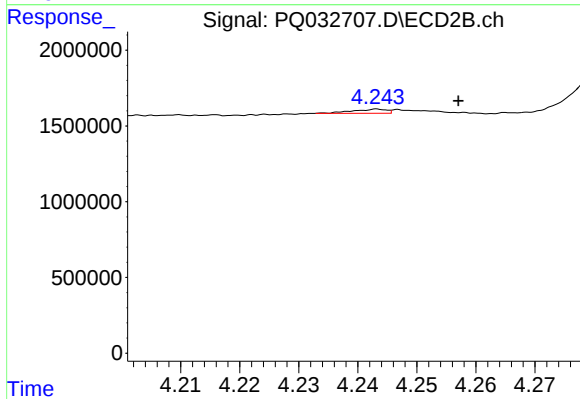
#10 AR-1221-3

R.T.: 4.243 min
Delta R.T.: -0.014 min
Response: 105114
Conc: 3.44 ng/ml



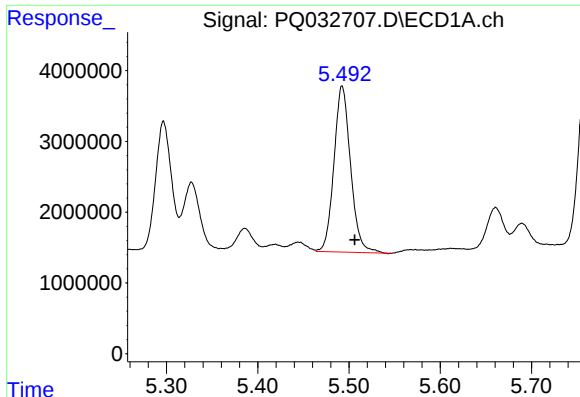
#11 AR-1232-1

R.T.: 4.958 min
Delta R.T.: -0.015 min
Response: 172341
Conc: 6.96 ng/ml



#11 AR-1232-1

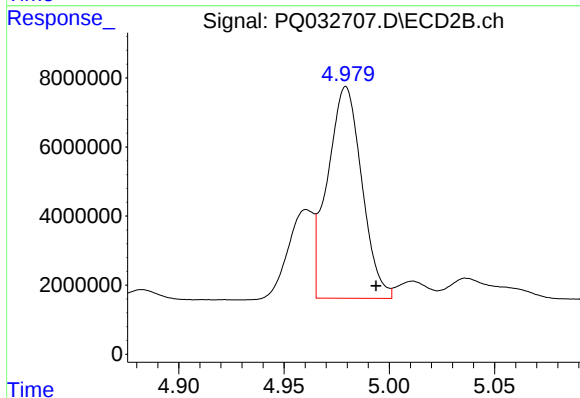
R.T.: 4.243 min
Delta R.T.: -0.014 min
Response: 105114
Conc: 5.37 ng/ml



#12 AR-1232-2

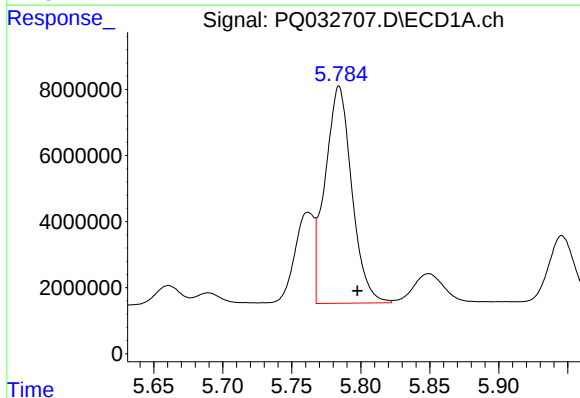
R.T.: 5.492 min
Delta R.T.: -0.014 min
Response: 29683742
Conc: 2005.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



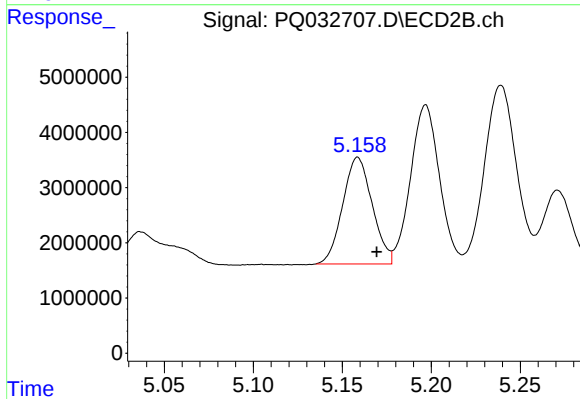
#12 AR-1232-2

R.T.: 4.979 min
Delta R.T.: -0.014 min
Response: 69357566
Conc: 2822.84 ng/ml



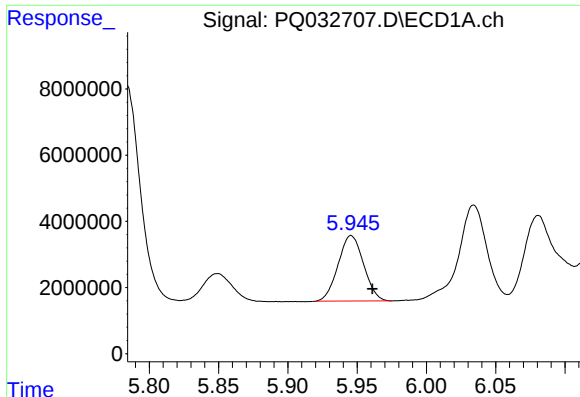
#13 AR-1232-3

R.T.: 5.784 min
Delta R.T.: -0.013 min
Response: 88744255
Conc: 2892.33 ng/ml



#13 AR-1232-3

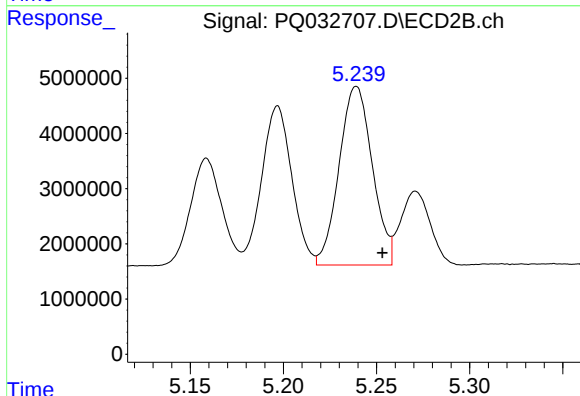
R.T.: 5.159 min
Delta R.T.: -0.011 min
Response: 22353682
Conc: 1924.39 ng/ml



#14 AR-1232-4

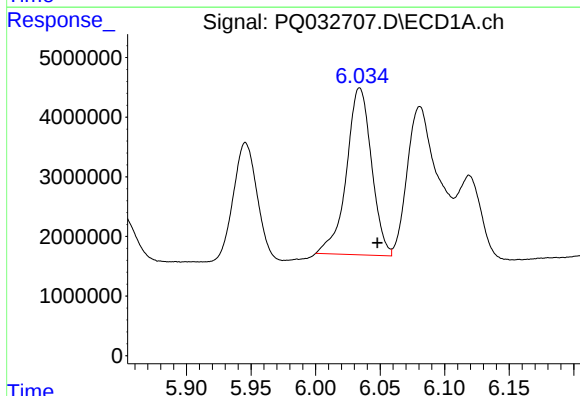
R.T.: 5.946 min
Delta R.T.: -0.015 min
Response: 25333653
Conc: 1646.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



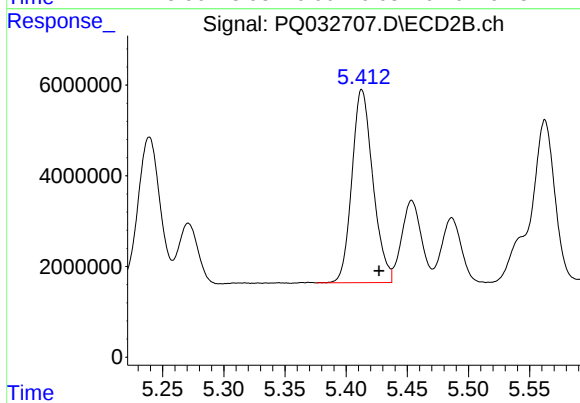
#14 AR-1232-4

R.T.: 5.239 min
Delta R.T.: -0.014 min
Response: 40138457
Conc: 3365.48 ng/ml



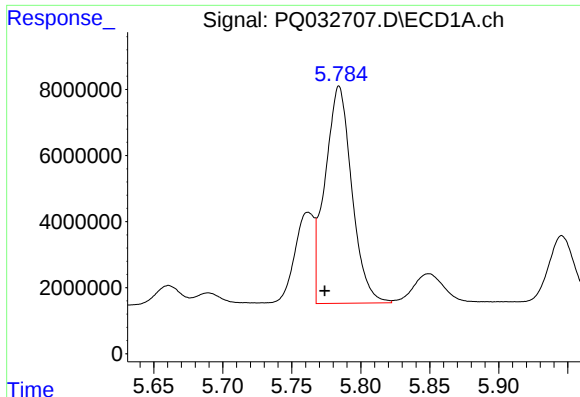
#15 AR-1232-5

R.T.: 6.034 min
Delta R.T.: -0.014 min
Response: 37857456
Conc: 3416.70 ng/ml



#15 AR-1232-5

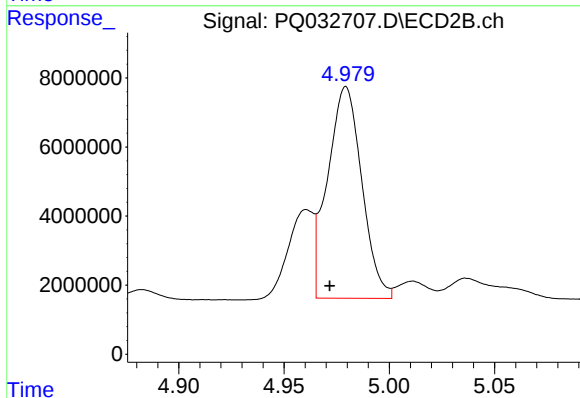
R.T.: 5.413 min
Delta R.T.: -0.014 min
Response: 50909222
Conc: 3677.94 ng/ml



#16 AR-1242-1

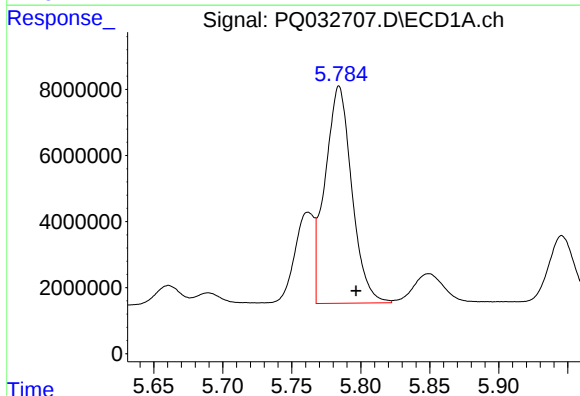
R.T.: 5.784 min
Delta R.T.: 0.010 min
Response: 88744255
Conc: 1798.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



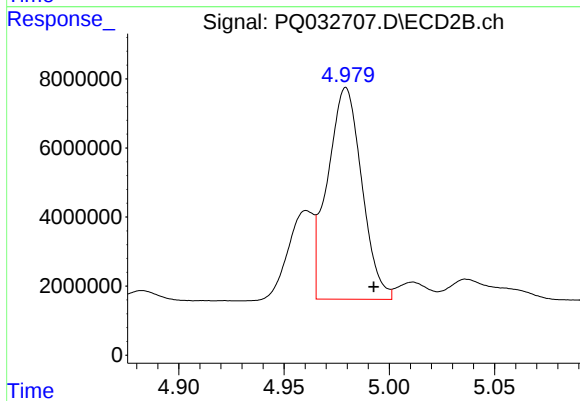
#16 AR-1242-1

R.T.: 4.979 min
Delta R.T.: 0.008 min
Response: 69357566
Conc: 1651.04 ng/ml



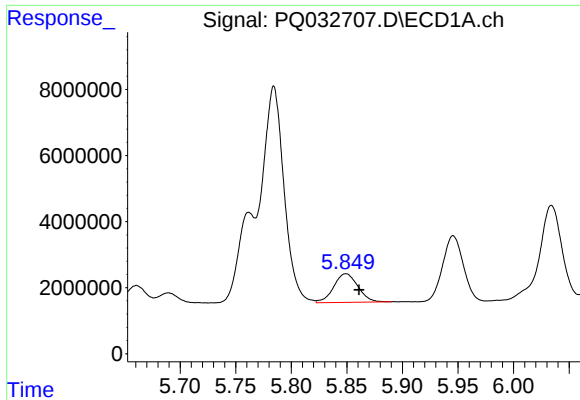
#17 AR-1242-2

R.T.: 5.784 min
Delta R.T.: -0.012 min
Response: 88744255
Conc: 1167.91 ng/ml



#17 AR-1242-2

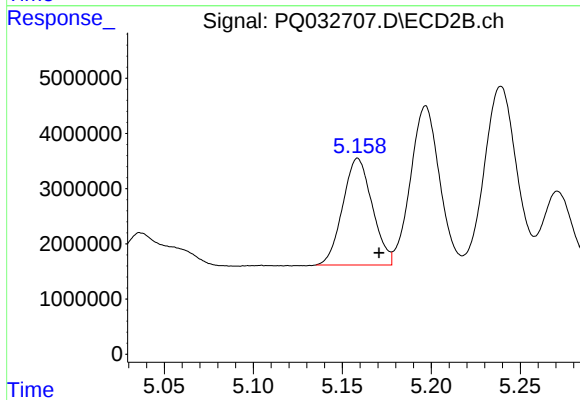
R.T.: 4.979 min
Delta R.T.: -0.013 min
Response: 69357566
Conc: 1168.68 ng/ml



#18 AR-1242-3

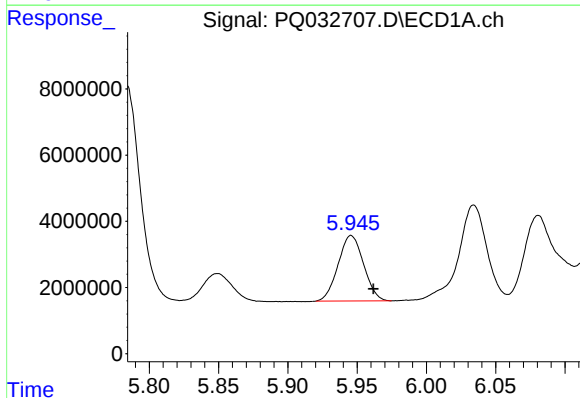
R.T.: 5.849 min
Delta R.T.: -0.012 min
Response: 13131651
Conc: 276.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



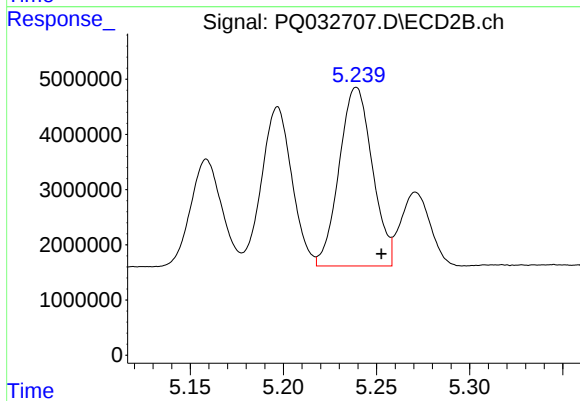
#18 AR-1242-3

R.T.: 5.159 min
Delta R.T.: -0.012 min
Response: 22353682
Conc: 722.08 ng/ml



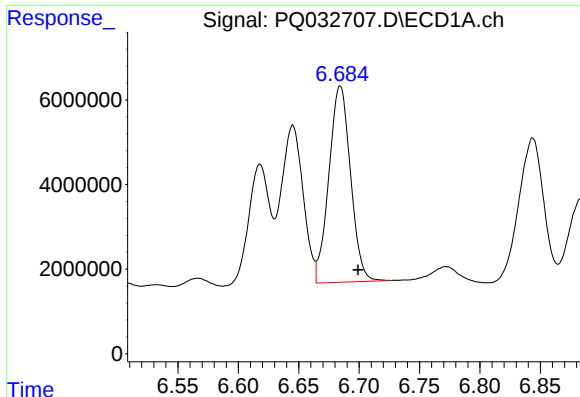
#19 AR-1242-4

R.T.: 5.946 min
Delta R.T.: -0.016 min
Response: 25333653
Conc: 655.56 ng/ml



#19 AR-1242-4

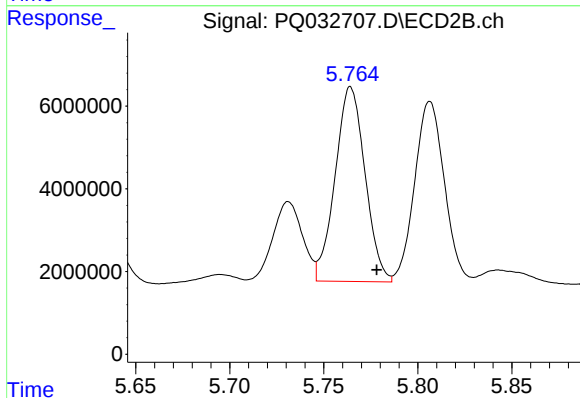
R.T.: 5.239 min
Delta R.T.: -0.013 min
Response: 40138457
Conc: 1196.07 ng/ml



#20 AR-1242-5

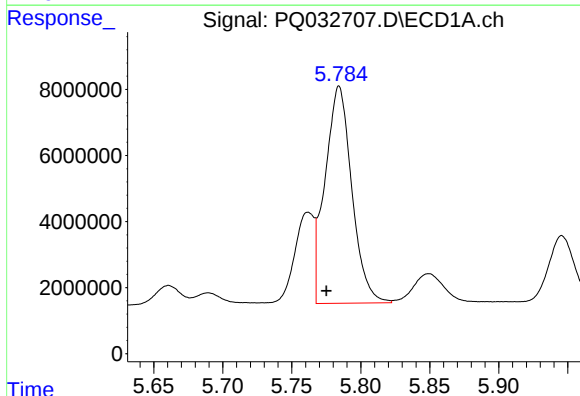
R.T.: 6.684 min
Delta R.T.: -0.015 min
Response: 57849299
Conc: 1212.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



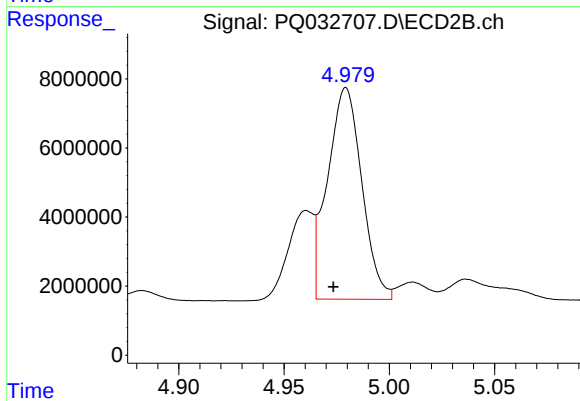
#20 AR-1242-5

R.T.: 5.764 min
Delta R.T.: -0.014 min
Response: 52142523
Conc: 1116.03 ng/ml



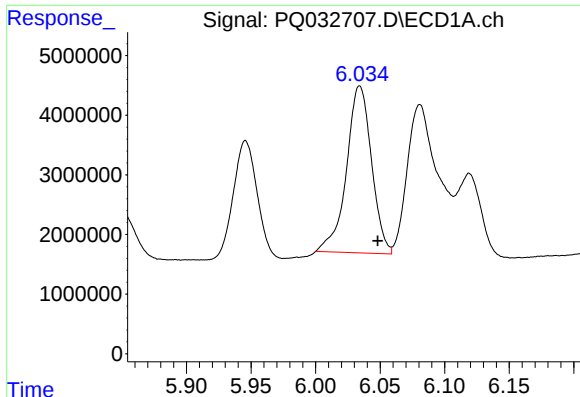
#21 AR-1248-1

R.T.: 5.784 min
Delta R.T.: 0.009 min
Response: 88744255
Conc: 2007.08 ng/ml



#21 AR-1248-1

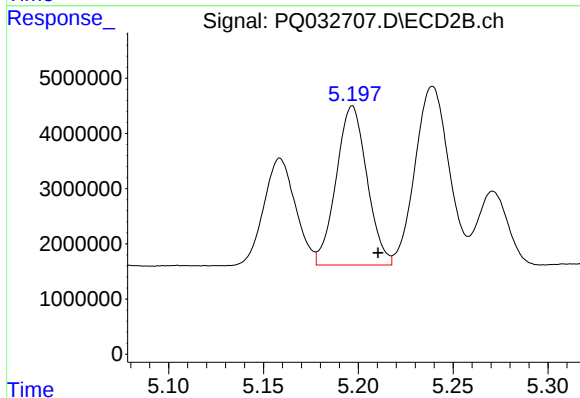
R.T.: 4.979 min
Delta R.T.: 0.006 min
Response: 69357566
Conc: 1831.09 ng/ml



#22 AR-1248-2

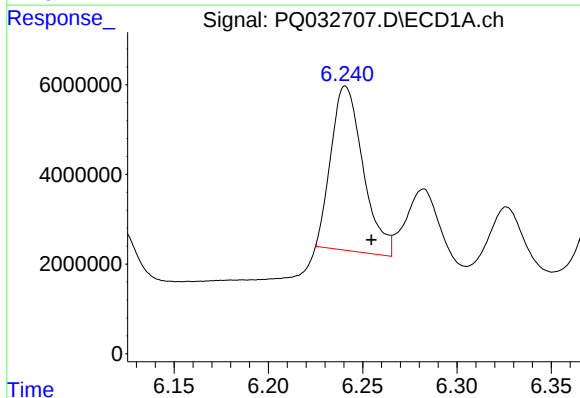
R.T.: 6.034 min
Delta R.T.: -0.014 min
Response: 37857456
Conc: 565.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



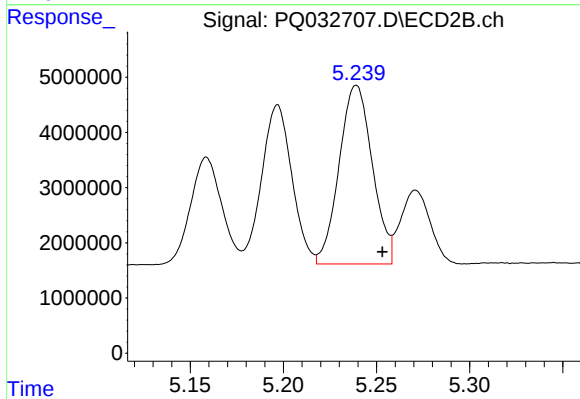
#22 AR-1248-2

R.T.: 5.197 min
Delta R.T.: -0.013 min
Response: 32583546
Conc: 616.49 ng/ml



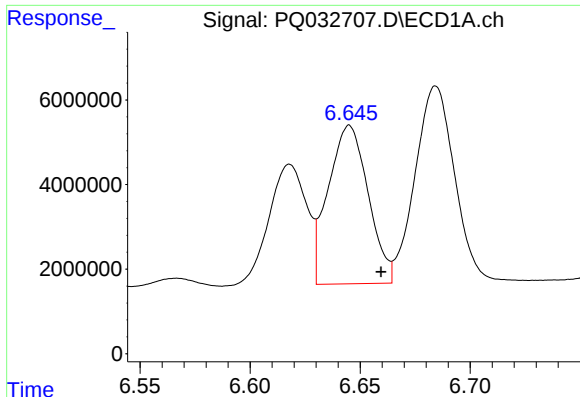
#23 AR-1248-3

R.T.: 6.241 min
Delta R.T.: -0.014 min
Response: 43246195
Conc: 545.81 ng/ml



#23 AR-1248-3

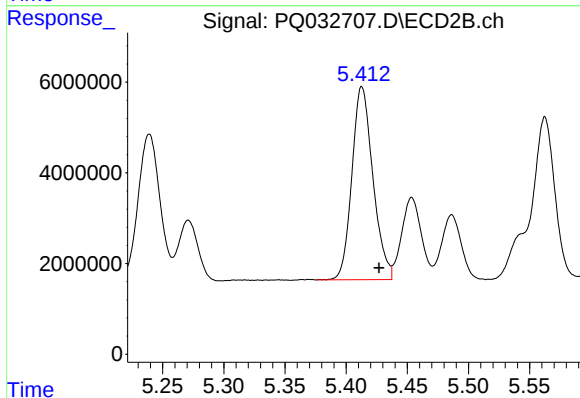
R.T.: 5.239 min
Delta R.T.: -0.014 min
Response: 40138457
Conc: 729.86 ng/ml



#24 AR-1248-4

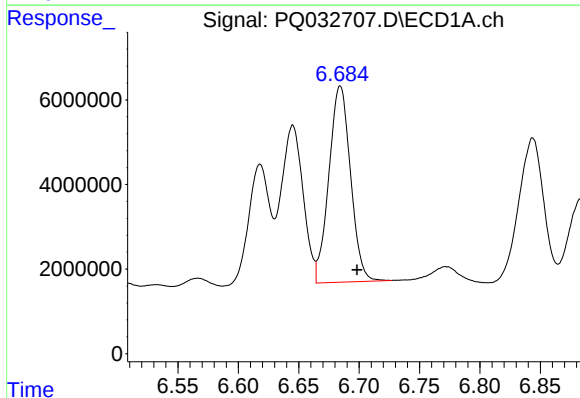
R.T.: 6.645 min
Delta R.T.: -0.014 min
Response: 47284807
Conc: 504.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



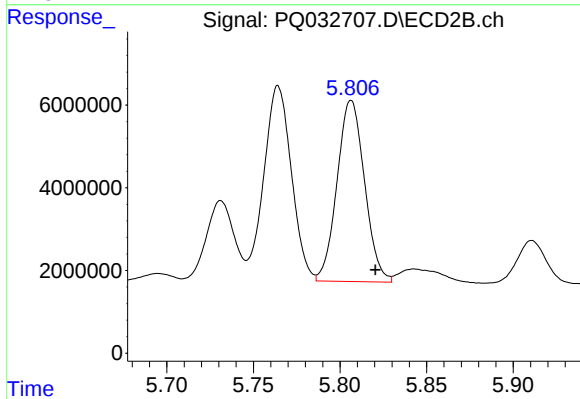
#24 AR-1248-4

R.T.: 5.413 min
Delta R.T.: -0.014 min
Response: 50909222
Conc: 730.93 ng/ml



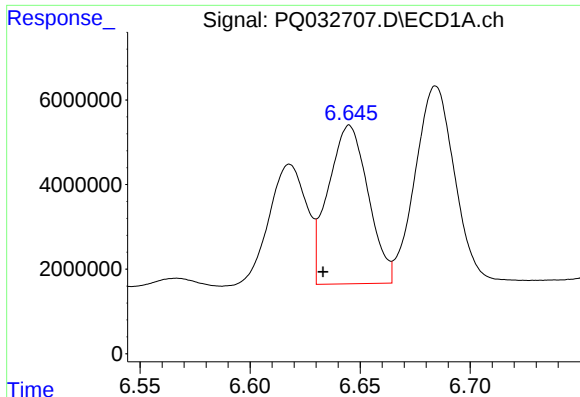
#25 AR-1248-5

R.T.: 6.684 min
Delta R.T.: -0.014 min
Response: 57849299
Conc: 645.00 ng/ml



#25 AR-1248-5

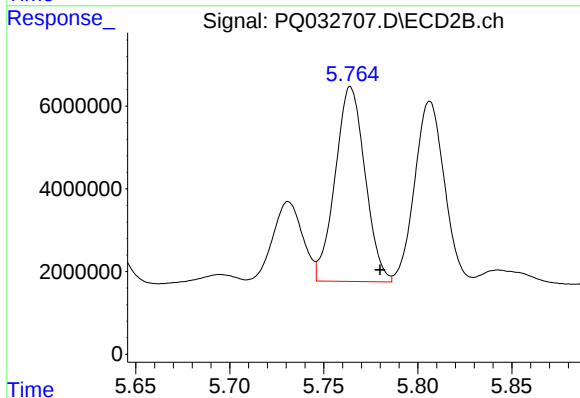
R.T.: 5.806 min
Delta R.T.: -0.014 min
Response: 48469589
Conc: 652.13 ng/ml



#26 AR-1254-1

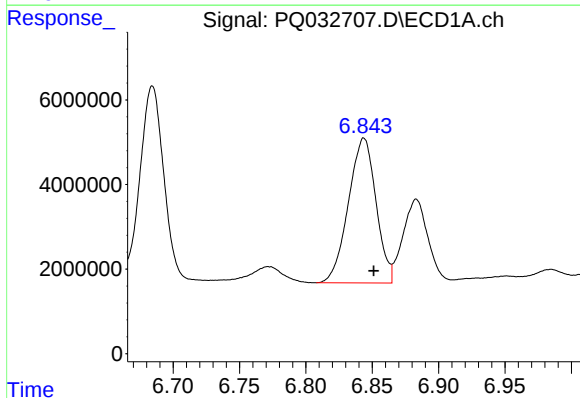
R.T.: 6.645 min
Delta R.T.: 0.012 min
Response: 47284807
Conc: 492.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



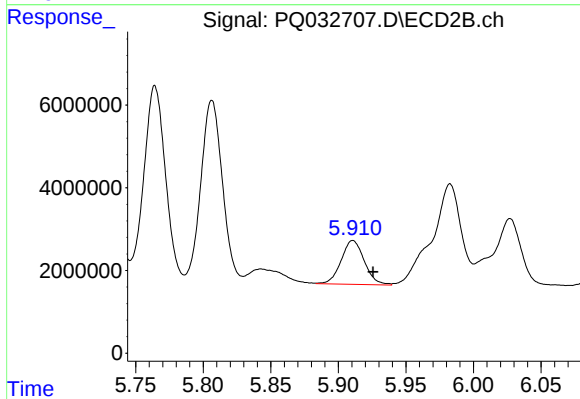
#26 AR-1254-1

R.T.: 5.764 min
Delta R.T.: -0.016 min
Response: 52142523
Conc: 457.52 ng/ml



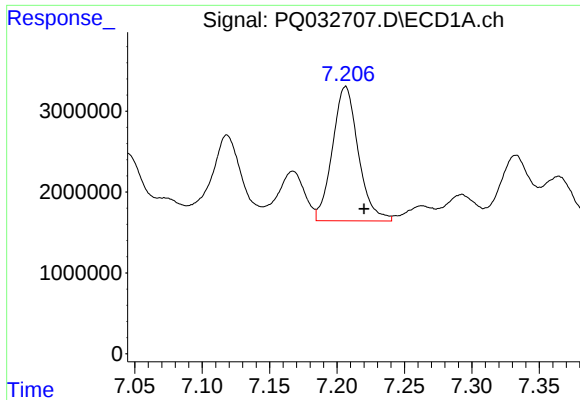
#27 AR-1254-2

R.T.: 6.844 min
Delta R.T.: -0.007 min
Response: 49514778
Conc: 318.52 ng/ml



#27 AR-1254-2

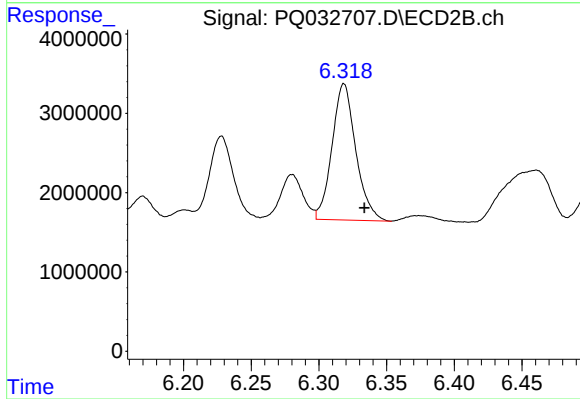
R.T.: 5.911 min
Delta R.T.: -0.015 min
Response: 12706740
Conc: 123.96 ng/ml



#28 AR-1254-3

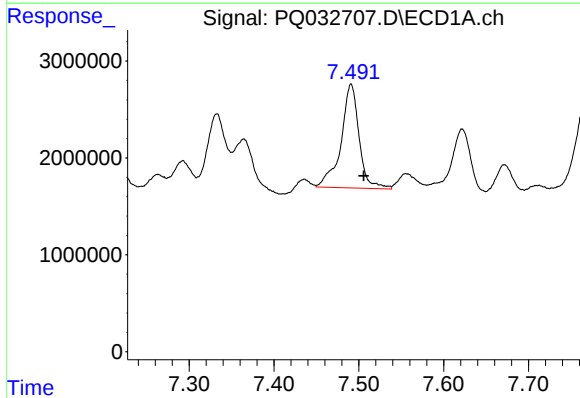
R.T.: 7.206 min
Delta R.T.: -0.014 min
Response: 22227041
Conc: 126.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



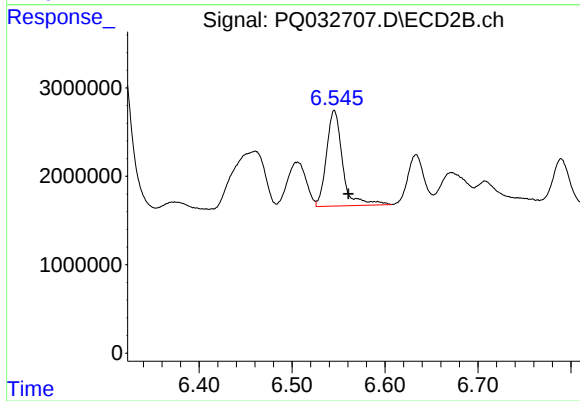
#28 AR-1254-3

R.T.: 6.319 min
Delta R.T.: -0.015 min
Response: 20991457
Conc: 113.57 ng/ml



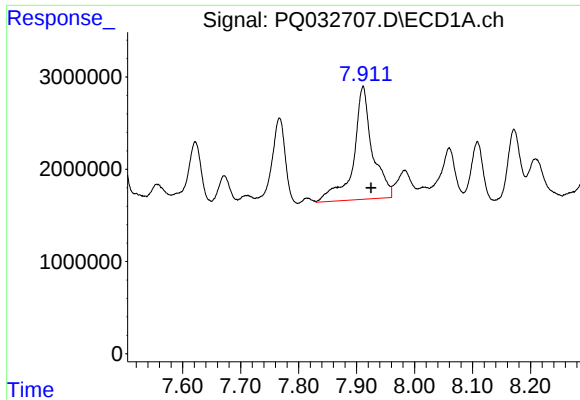
#29 AR-1254-4

R.T.: 7.491 min
Delta R.T.: -0.015 min
Response: 15915342
Conc: 121.36 ng/ml



#29 AR-1254-4

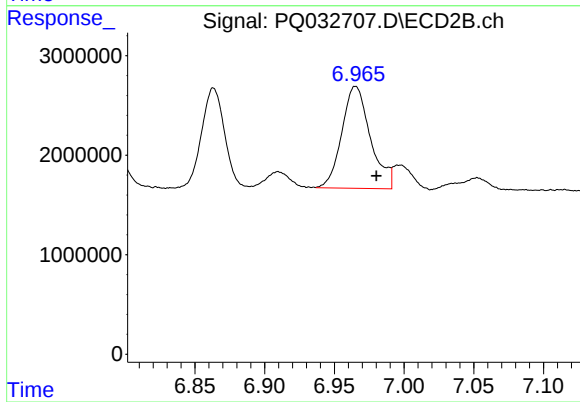
R.T.: 6.545 min
Delta R.T.: -0.015 min
Response: 12992702
Conc: 108.95 ng/ml



#30 AR-1254-5

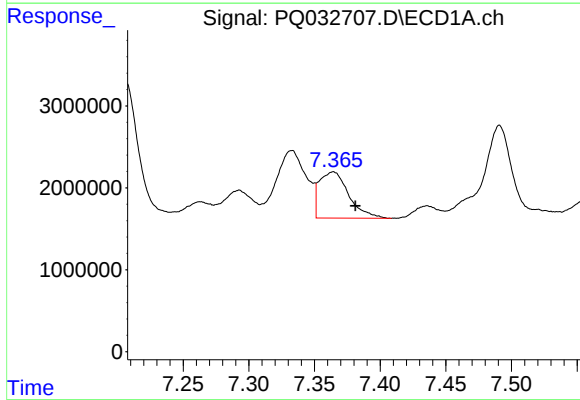
R.T.: 7.911 min
Delta R.T.: -0.014 min
Response: 27808506
Conc: 186.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



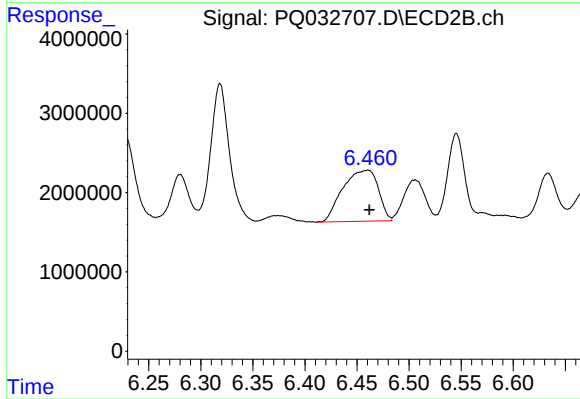
#30 AR-1254-5

R.T.: 6.965 min
Delta R.T.: -0.015 min
Response: 14654126
Conc: 87.08 ng/ml



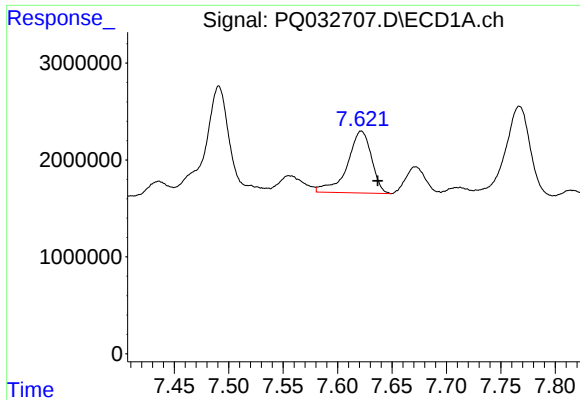
#31 AR-1260-1

R.T.: 7.364 min
Delta R.T.: -0.017 min
Response: 8803902
Conc: 74.42 ng/ml



#31 AR-1260-1

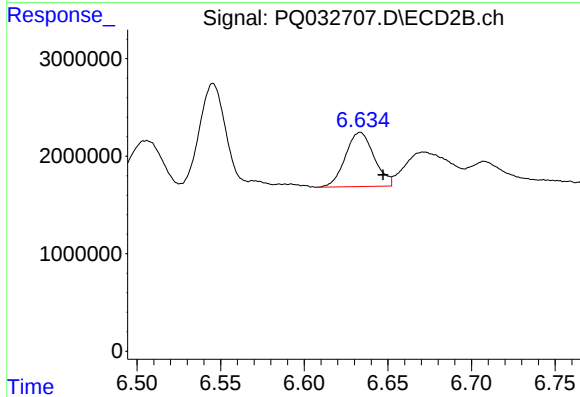
R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 15253227
Conc: 139.71 ng/ml



#32 AR-1260-2

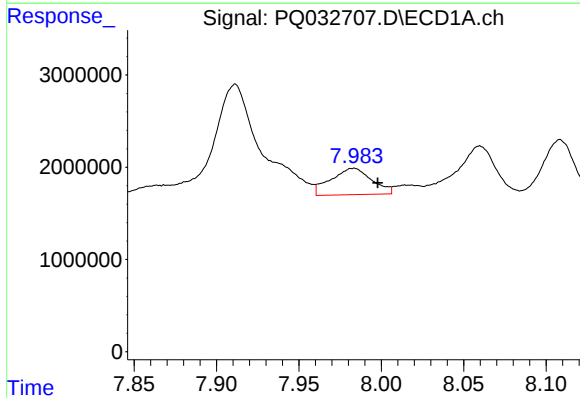
R.T.: 7.622 min
Delta R.T.: -0.015 min
Response: 9891539
Conc: 68.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



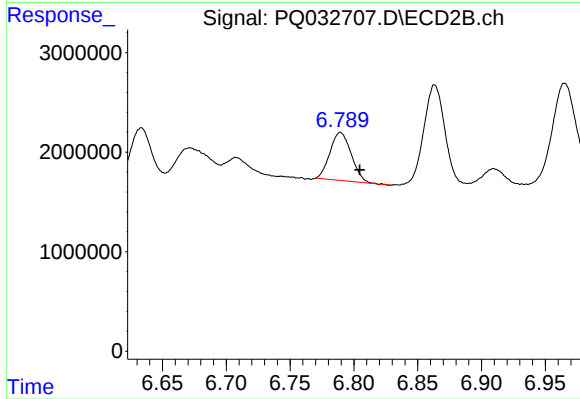
#32 AR-1260-2

R.T.: 6.633 min
Delta R.T.: -0.014 min
Response: 6639472
Conc: 49.02 ng/ml



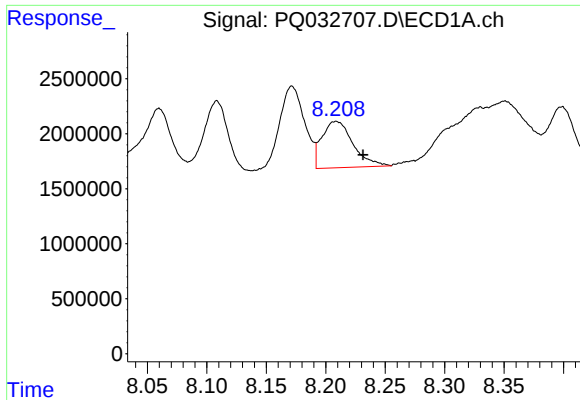
#33 AR-1260-3

R.T.: 7.983 min
Delta R.T.: -0.015 min
Response: 4946912
Conc: 47.36 ng/ml



#33 AR-1260-3

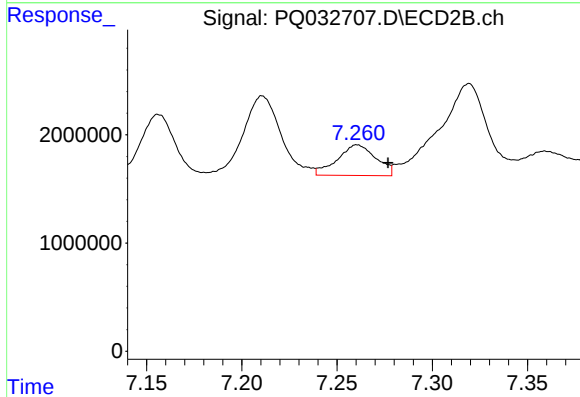
R.T.: 6.790 min
Delta R.T.: -0.015 min
Response: 5623724
Conc: 44.61 ng/ml



#34 AR-1260-4

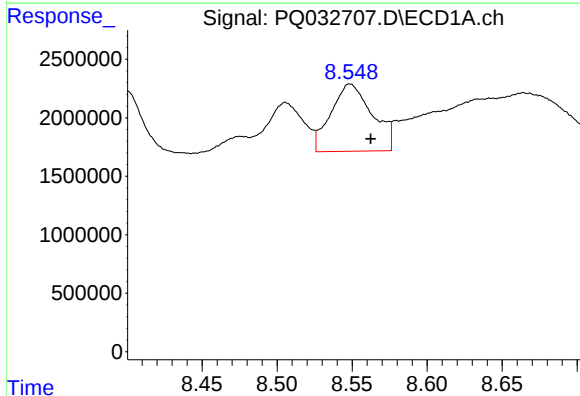
R.T.: 8.209 min
Delta R.T.: -0.023 min
Response: 7675004
Conc: 61.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



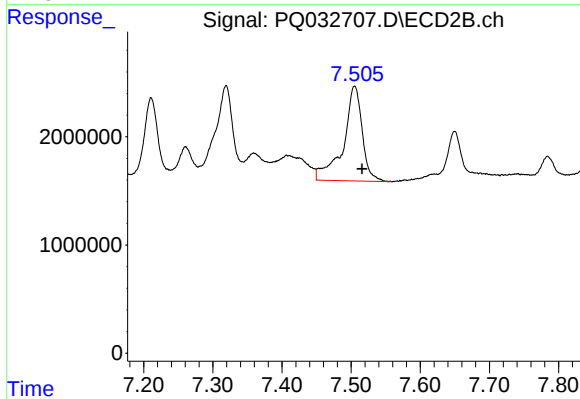
#34 AR-1260-4

R.T.: 7.261 min
Delta R.T.: -0.016 min
Response: 3987650
Conc: 37.48 ng/ml



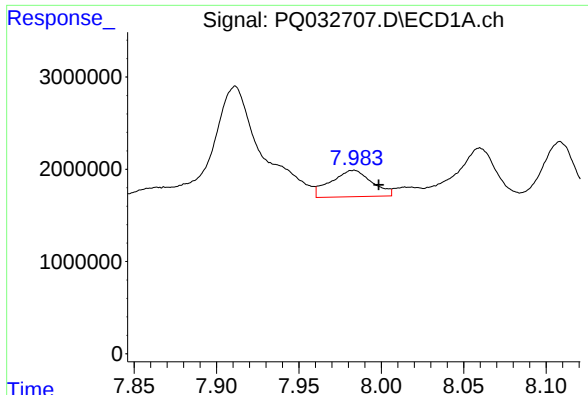
#35 AR-1260-5

R.T.: 8.548 min
Delta R.T.: -0.014 min
Response: 11061015
Conc: 42.81 ng/ml



#35 AR-1260-5

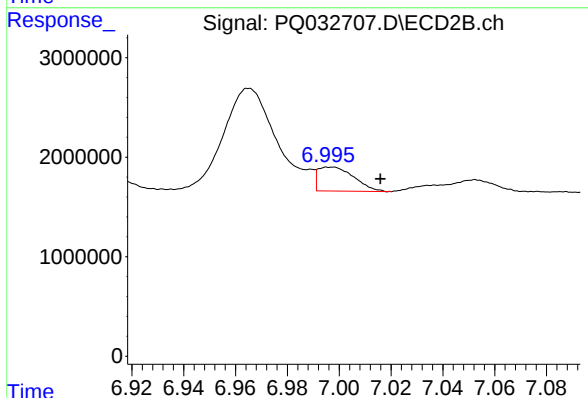
R.T.: 7.505 min
Delta R.T.: -0.011 min
Response: 16654045
Conc: 62.68 ng/ml



#36 AR-1262-1

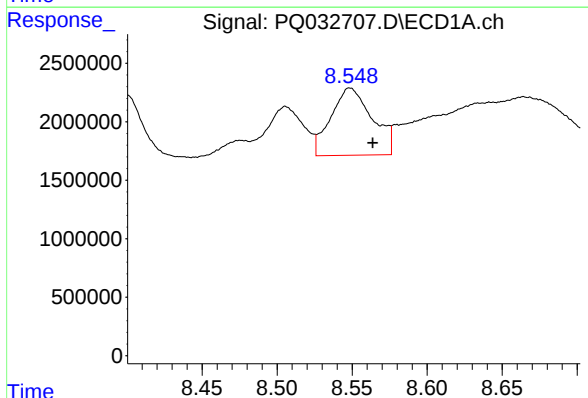
R.T.: 7.983 min
Delta R.T.: -0.015 min
Response: 4946912
Conc: 31.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



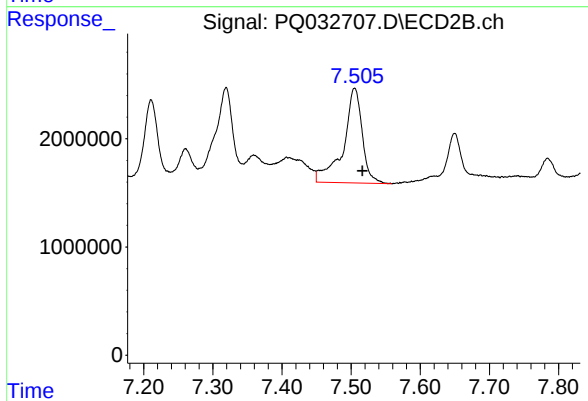
#36 AR-1262-1

R.T.: 6.997 min
Delta R.T.: -0.019 min
Response: 2322689
Conc: 14.85 ng/ml



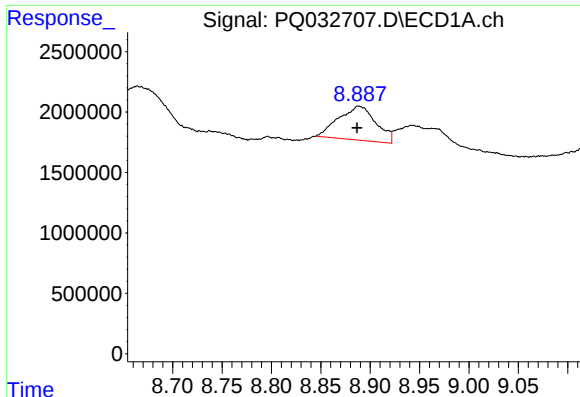
#37 AR-1262-2

R.T.: 8.548 min
Delta R.T.: -0.015 min
Response: 11061015
Conc: 37.24 ng/ml



#37 AR-1262-2

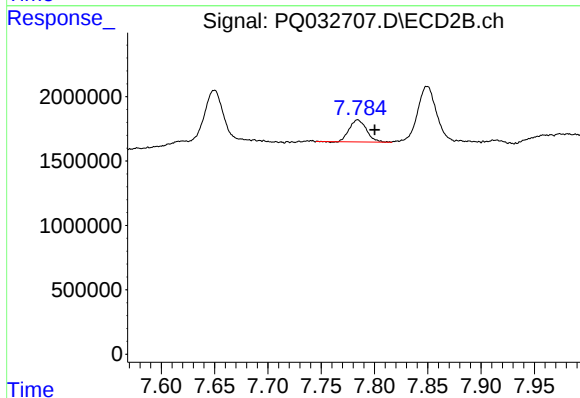
R.T.: 7.505 min
Delta R.T.: -0.011 min
Response: 16654045
Conc: 54.77 ng/ml



#38 AR-1262-3

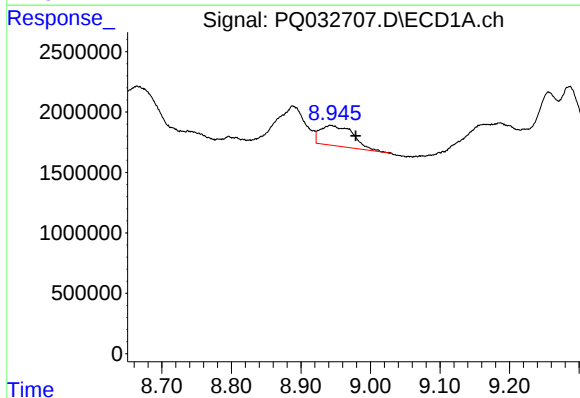
R.T.: 8.888 min
Delta R.T.: 0.001 min
Response: 7386155
Conc: 37.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



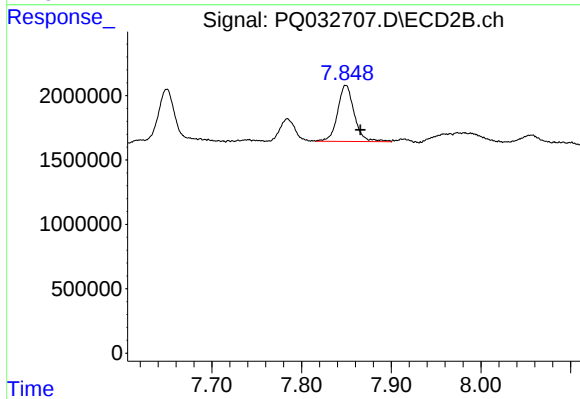
#38 AR-1262-3

R.T.: 7.784 min
Delta R.T.: -0.016 min
Response: 1910815
Conc: 16.62 ng/ml



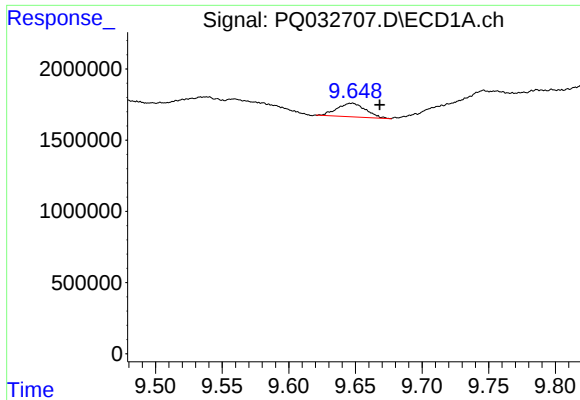
#39 AR-1262-4

R.T.: 8.943 min
Delta R.T.: -0.036 min
Response: 5543722
Conc: 37.94 ng/ml



#39 AR-1262-4

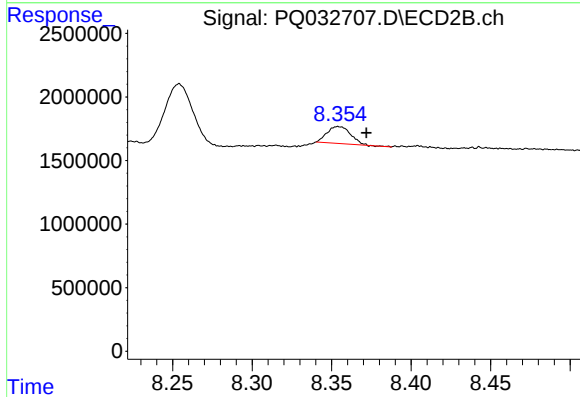
R.T.: 7.849 min
Delta R.T.: -0.016 min
Response: 5602356
Conc: 25.52 ng/ml



#40 AR-1262-5

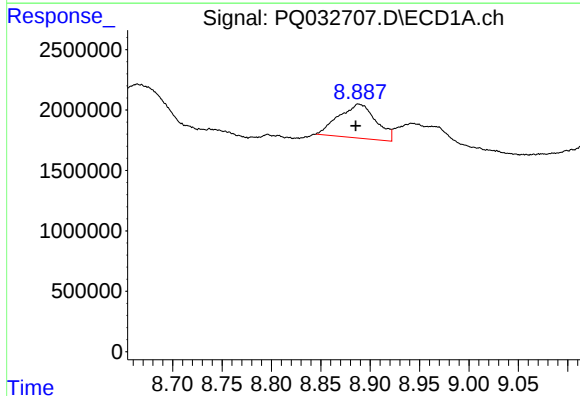
R.T.: 9.647 min
Delta R.T.: -0.021 min
Response: 1403040
Conc: 13.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



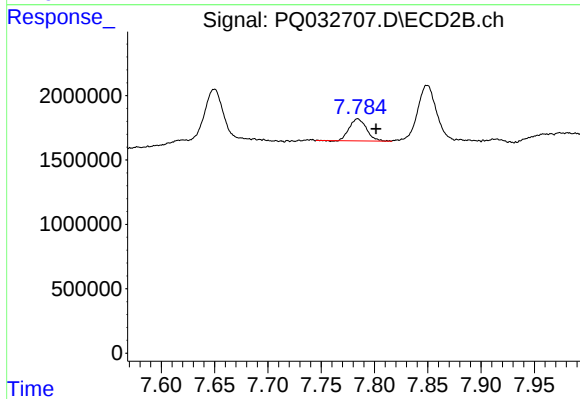
#40 AR-1262-5

R.T.: 8.354 min
Delta R.T.: -0.018 min
Response: 1380099
Conc: 13.65 ng/ml



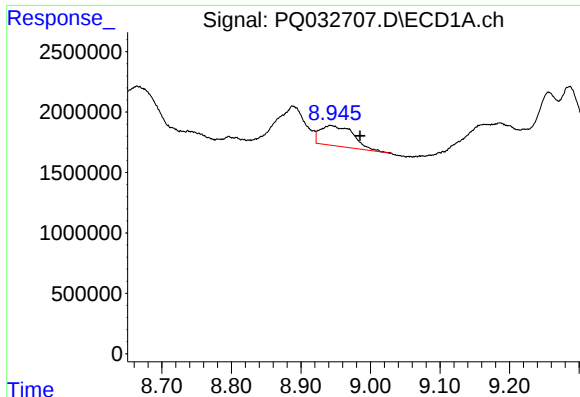
#41 AR-1268-1

R.T.: 8.888 min
Delta R.T.: 0.003 min
Response: 7386155
Conc: 16.14 ng/ml



#41 AR-1268-1

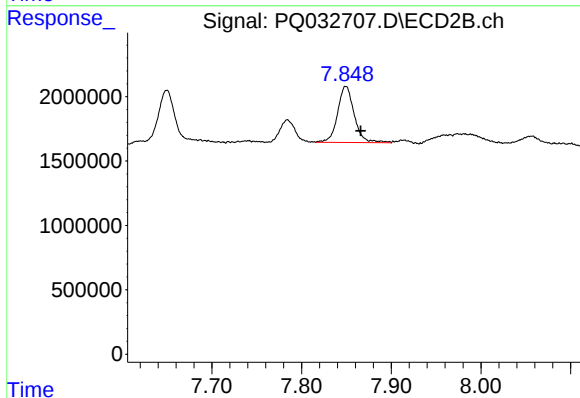
R.T.: 7.784 min
Delta R.T.: -0.017 min
Response: 1910815
Conc: 4.23 ng/ml



#42 AR-1268-2

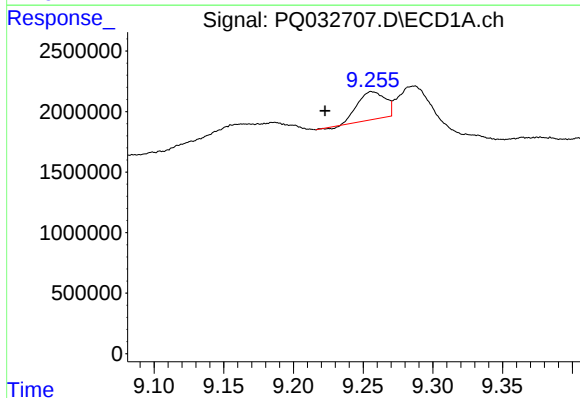
R.T.: 8.943 min
Delta R.T.: -0.042 min
Response: 5543722
Conc: 13.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



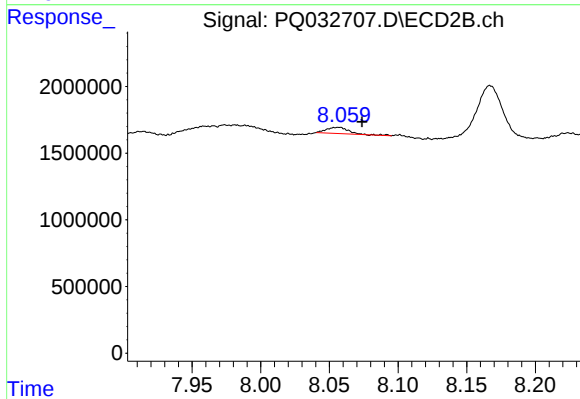
#42 AR-1268-2

R.T.: 7.849 min
Delta R.T.: -0.017 min
Response: 5602356
Conc: 13.81 ng/ml



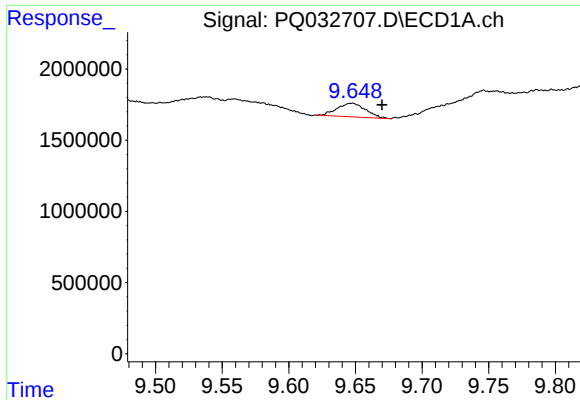
#43 AR-1268-3

R.T.: 9.256 min
Delta R.T.: 0.034 min
Response: 3184760
Conc: 9.00 ng/ml



#43 AR-1268-3

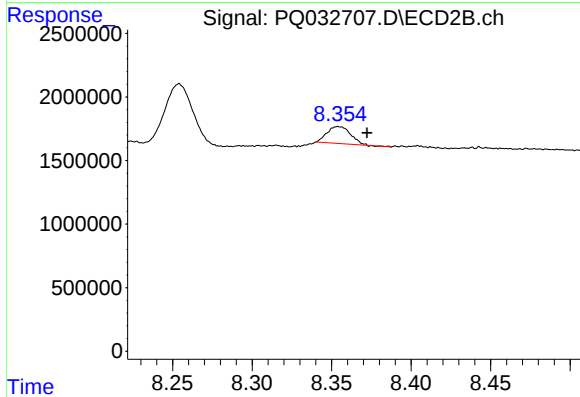
R.T.: 8.057 min
Delta R.T.: -0.017 min
Response: 538812
Conc: 1.60 ng/ml



#44 AR-1268-4

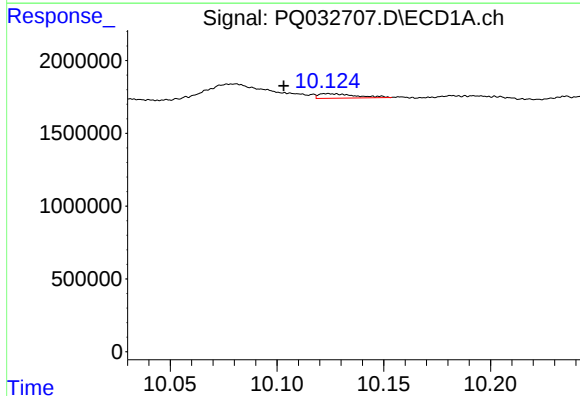
R.T.: 9.647 min
Delta R.T.: -0.023 min
Response: 1403040
Conc: 9.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



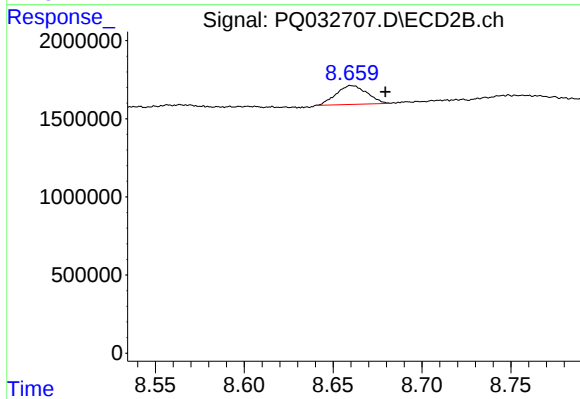
#44 AR-1268-4

R.T.: 8.354 min
Delta R.T.: -0.018 min
Response: 1380099
Conc: 9.35 ng/ml



#45 AR-1268-5

R.T.: 10.124 min
Delta R.T.: 0.020 min
Response: 380531
Conc: 0.34 ng/ml



#45 AR-1268-5

R.T.: 8.661 min
Delta R.T.: -0.019 min
Response: 1450930
Conc: 1.37 ng/ml