

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032019\
 Data File : PQ038015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2019 22:42
 Operator : SM\SJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 09:54:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 2019
 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...	4.186	3.636	340.6E6	183.1E6	58.538	59.291
2)	SA Decachlor...	9.605	8.511	247.7E6	117.3E6	51.385	52.402
Target Compounds							
3)	L1 AR-1016-1	5.327	4.693	92146205	50720948	457.859	450.801
4)	L1 AR-1016-2	5.347	4.709	142.1E6	79941932	452.707	471.932
5)	L1 AR-1016-3	5.408	4.884	80970170	39150081	444.576	454.215
6)	L1 AR-1016-4	5.507	4.922	67717211	29282133	452.669	423.285
7)	L1 AR-1016-5	5.789	5.132	66827460	40384400	460.268	463.295
8)	L2 AR-1221-1	4.395	3.841	8642773	4643438	136.212	135.345
9)	L2 AR-1221-2	4.484	3.928	13042328	7087666	281.937	276.207
10)	L2 AR-1221-3	4.558	4.001	50154801	27650055	328.154	323.241
11)	L3 AR-1232-1	4.558	4.001	50154801	27650055	402.999	412.473
12)	L3 AR-1232-2	5.067	4.709	66770931	79941932	1133.919	1130.668
13)	L3 AR-1232-3	5.347	4.884	142.1E6	39150081	1150.358	1171.054
14)	L3 AR-1232-4	5.507	4.962	67717211	36994696	1162.656	1285.513
15)	L3 AR-1232-5	5.588	5.132	54649271	40384400	1278.360	1274.005
16)	L4 AR-1242-1	5.327	4.693	92146205	50720948	560.756	552.748
17)	L4 AR-1242-2	5.347	4.709	142.1E6	79941932	556.783	572.117
18)	L4 AR-1242-3	5.408	4.884	80970170	39150081	549.009	566.511
19)	L4 AR-1242-4	5.507	4.962	67717211	36994696	553.210	579.567
20)	L4 AR-1242-5	6.222	5.476	72428908	46755752	530.091	540.914
21)	L5 AR-1248-1	5.327	4.693	92146205	50720948	581.814	549.915
22)	L5 AR-1248-2	5.588	4.922	54649271	29282133	249.677	244.491
23)	L5 AR-1248-3	5.789	4.962	66827460	36994696	272.007	304.832
24)	L5 AR-1248-4	6.186	5.132	69806255	40384400	249.568	271.588
25)	L5 AR-1248-5	6.222	5.515	72428908	39090036	273.221	268.740
26)	L6 AR-1254-1	6.154	5.476	52111855	46755752	265.254	303.534
27)	L6 AR-1254-2	6.381	5.617	61008814	10084132	199.053	77.722 #
28)	L6 AR-1254-3	6.733	6.015	22646398	13628417	72.723	64.431
29)	L6 AR-1254-4	7.014	6.241	18516722	10879346	72.945	67.832
30)	L6 AR-1254-5	7.425	6.649	4583058	2865657	15.532	16.473
31)	L7 AR-1260-1	6.909	6.136	957905	4779947	3.699	30.798 #
32)	L7 AR-1260-2	7.136	6.325	4121860	1263964	11.958	6.699 #
33)	L7 AR-1260-3	7.486	6.475	600554	1500693	2.117	8.813 #
34)	L7 AR-1260-4	7.717	0.000	2765071	0	10.271	N.D. #
35)	L7 AR-1260-5	8.015	0.000	2332323	0	3.702	N.D. #
36)	L8 AR-1262-1	7.541	6.649	259016	2865657	1.677	13.567 #
37)	L8 AR-1262-2	8.015	0.000	2332323	0	3.325	N.D. #
38)	L8 AR-1262-3	8.298	0.000	647327	0	2.160	N.D. #
39)	L8 AR-1262-4	8.357	0.000	473498	0	1.365	N.D. #
40)	L8 AR-1262-5	8.968	0.000	996621	0	4.171	N.D. #
41)	L9 AR-1268-1	8.298	0.000	647327	0	0.786	N.D. #

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 Acq On : 19 Mar 2019 22:42
 Operator : SM\SJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

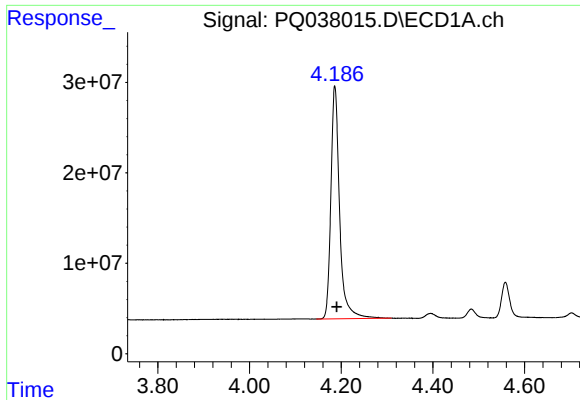
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 09:54:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.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	8.357	0.000	473498	0	0.634	N.D.	#
43)	L9 AR-1268-3	8.576	0.000	2997009	0	4.570	N.D.	#
44)	L9 AR-1268-4	8.968	0.000	996621	0	3.850	N.D.	#
45)	L9 AR-1268-5	9.330	0.000	3365635	0	1.724	N.D.	#

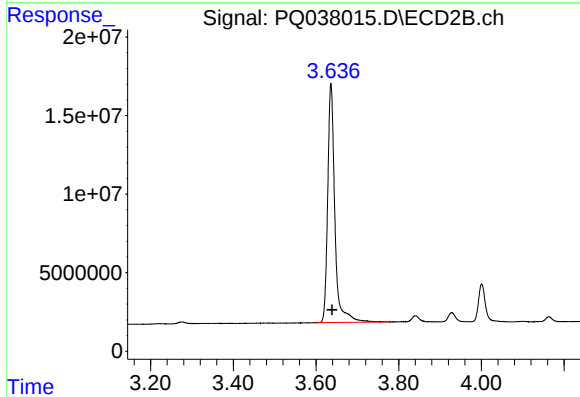
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

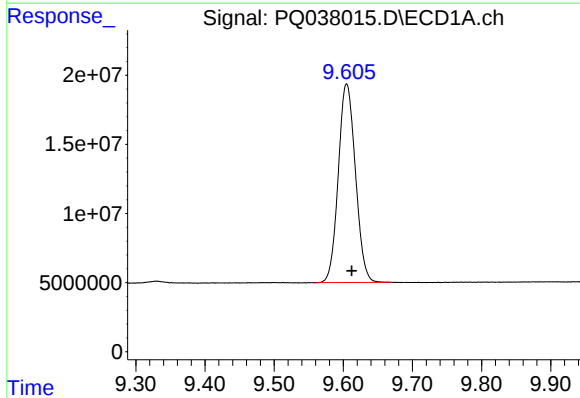
R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 340614927
Conc: 58.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



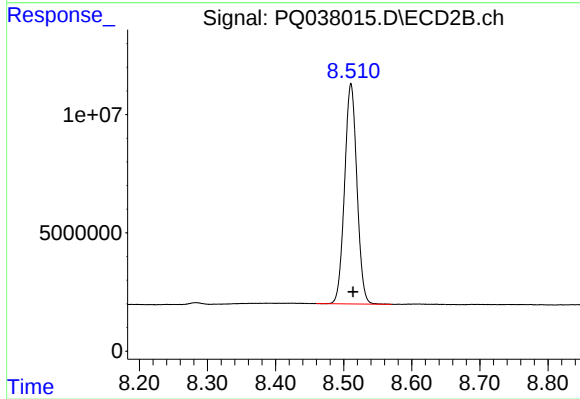
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 183120333
Conc: 59.29 ng/ml



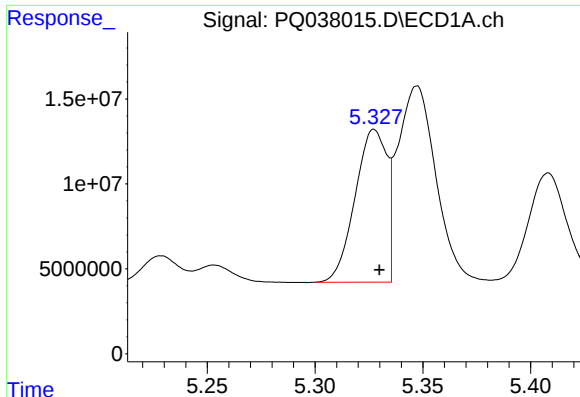
#2 Decachlorobiphenyl

R.T.: 9.605 min
Delta R.T.: -0.007 min
Response: 247740788
Conc: 51.38 ng/ml



#2 Decachlorobiphenyl

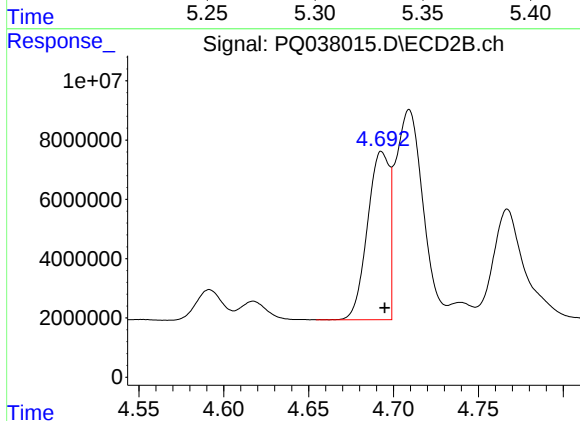
R.T.: 8.511 min
Delta R.T.: -0.003 min
Response: 117317088
Conc: 52.40 ng/ml



#3 AR-1016-1

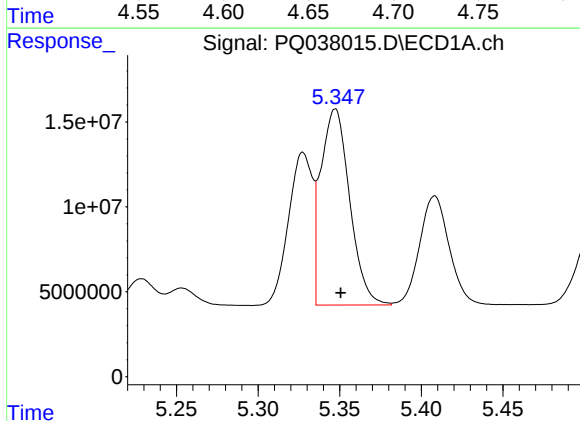
R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 92146205
Conc: 457.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



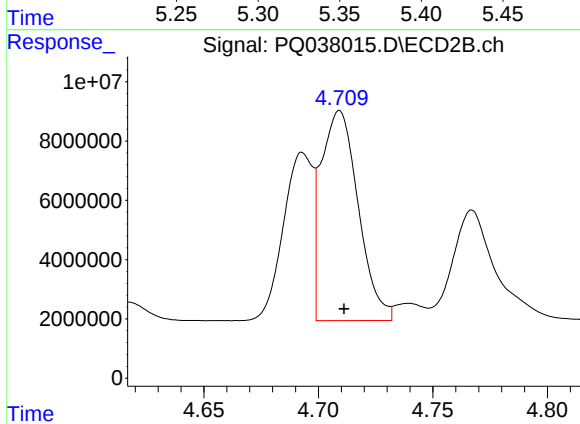
#3 AR-1016-1

R.T.: 4.693 min
Delta R.T.: -0.002 min
Response: 50720948
Conc: 450.80 ng/ml



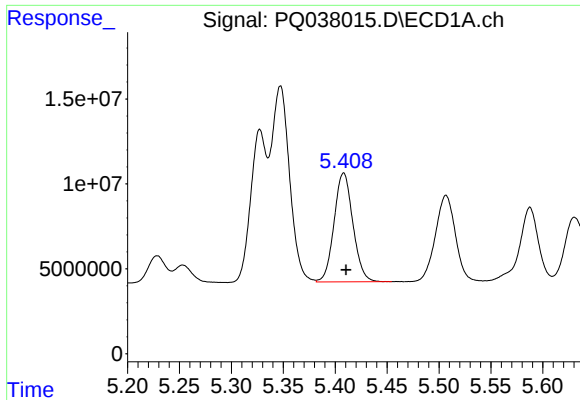
#4 AR-1016-2

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 142071545
Conc: 452.71 ng/ml



#4 AR-1016-2

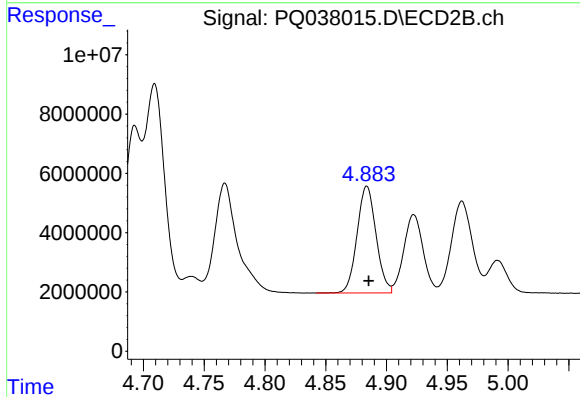
R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 79941932
Conc: 471.93 ng/ml



#5 AR-1016-3

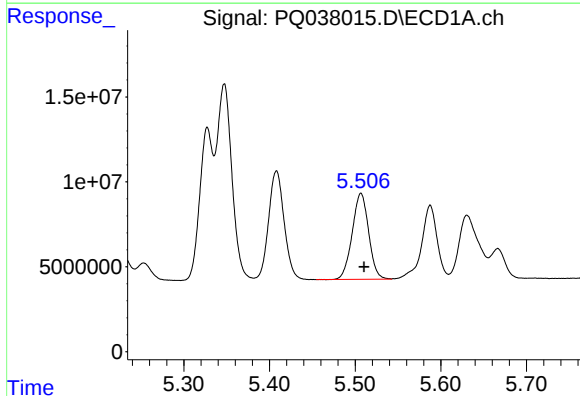
R.T.: 5.408 min
Delta R.T.: -0.002 min
Response: 80970170
Conc: 444.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



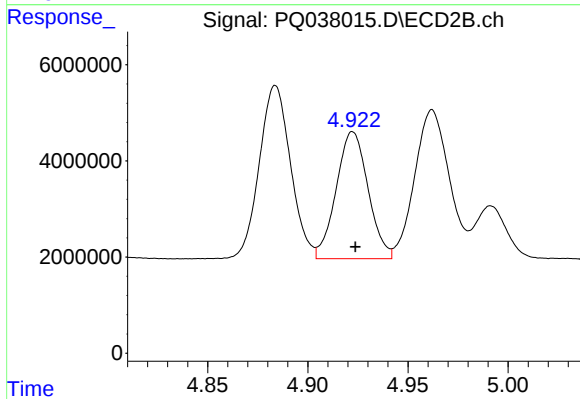
#5 AR-1016-3

R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 39150081
Conc: 454.21 ng/ml



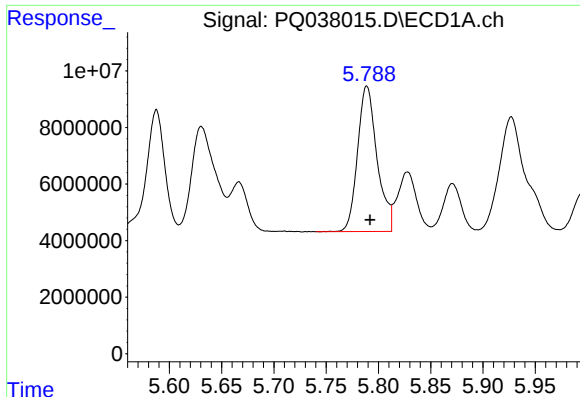
#6 AR-1016-4

R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 67717211
Conc: 452.67 ng/ml



#6 AR-1016-4

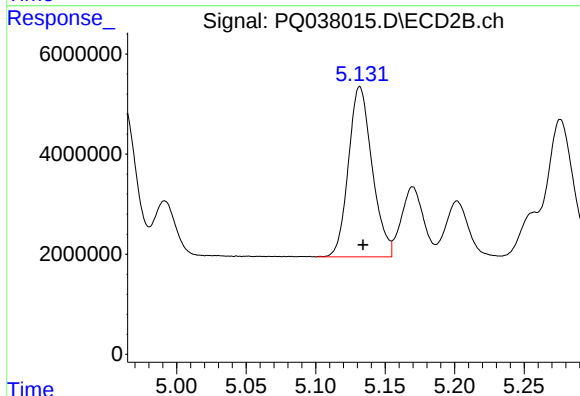
R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 29282133
Conc: 423.29 ng/ml



#7 AR-1016-5

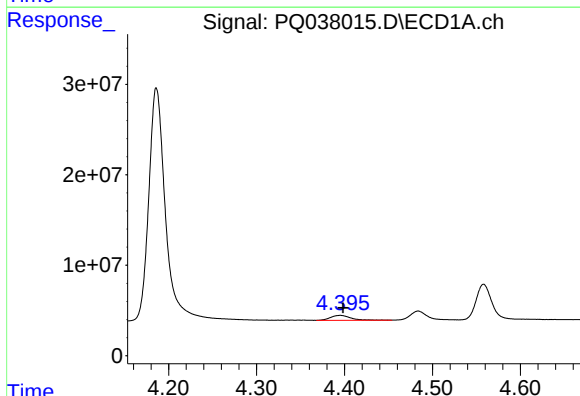
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 66827460
Conc: 460.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



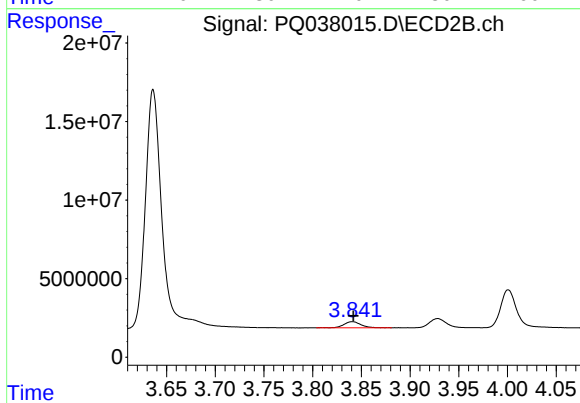
#7 AR-1016-5

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 40384400
Conc: 463.29 ng/ml



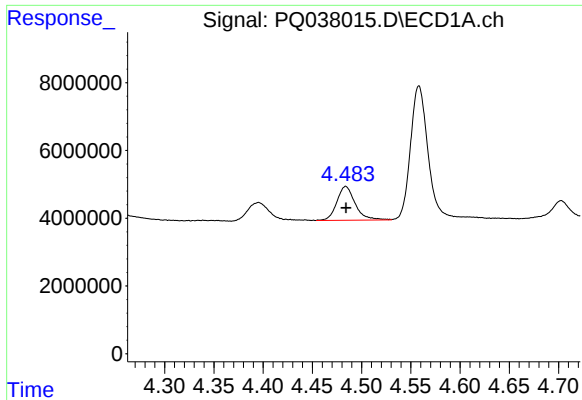
#8 AR-1221-1

R.T.: 4.395 min
Delta R.T.: -0.003 min
Response: 8642773
Conc: 136.21 ng/ml



#8 AR-1221-1

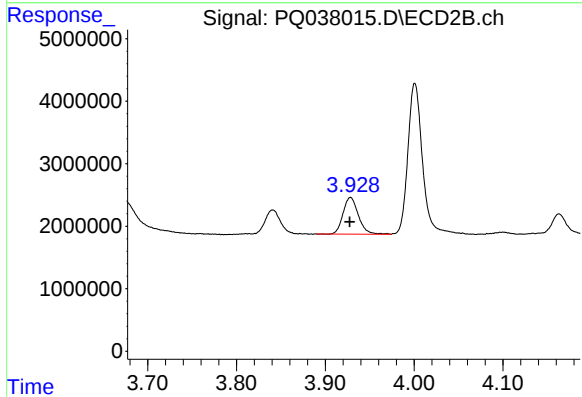
R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 4643438
Conc: 135.34 ng/ml



#9 AR-1221-2

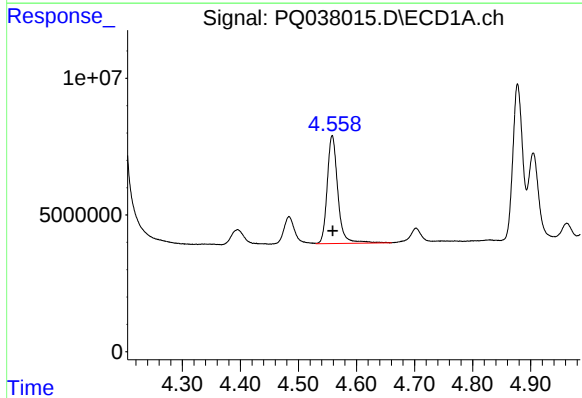
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 13042328
Conc: 281.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



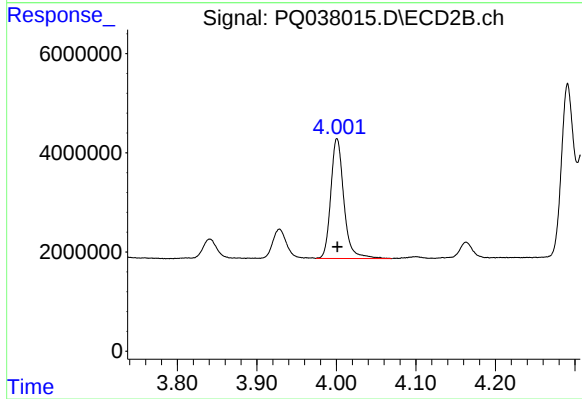
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 7087666
Conc: 276.21 ng/ml



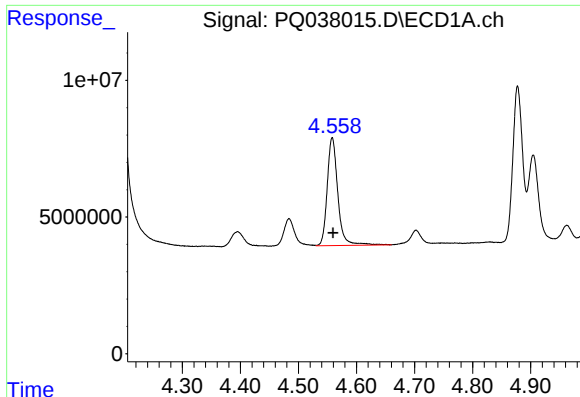
#10 AR-1221-3

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 50154801
Conc: 328.15 ng/ml



#10 AR-1221-3

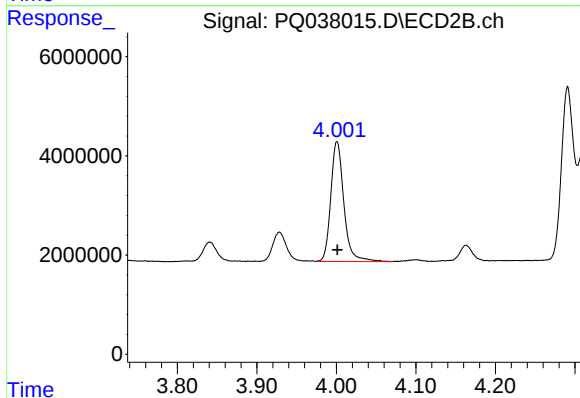
R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 27650055
Conc: 323.24 ng/ml



#11 AR-1232-1

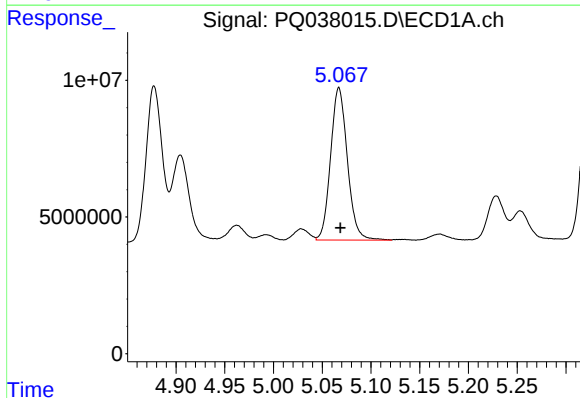
R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 50154801
Conc: 403.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



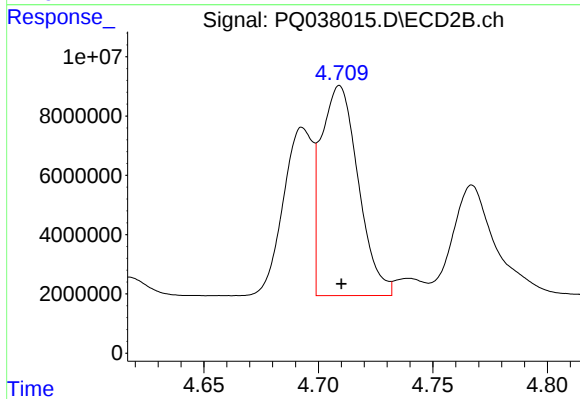
#11 AR-1232-1

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 27650055
Conc: 412.47 ng/ml



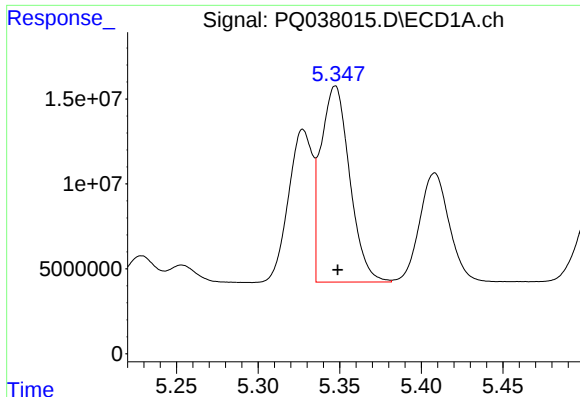
#12 AR-1232-2

R.T.: 5.067 min
Delta R.T.: -0.001 min
Response: 66770931
Conc: 1133.92 ng/ml



#12 AR-1232-2

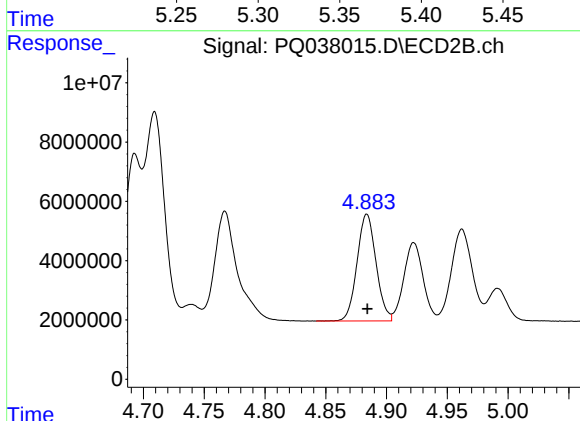
R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 79941932
Conc: 1130.67 ng/ml



#13 AR-1232-3

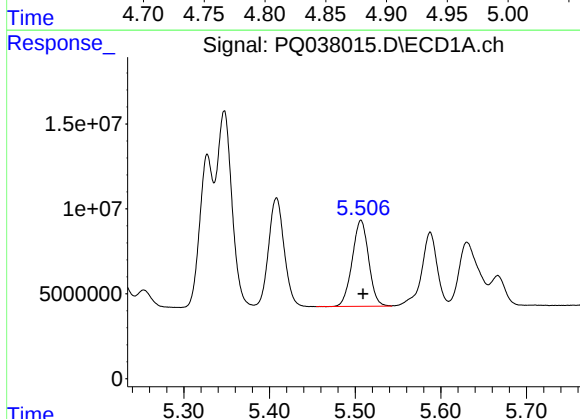
R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 142071545
Conc: 1150.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



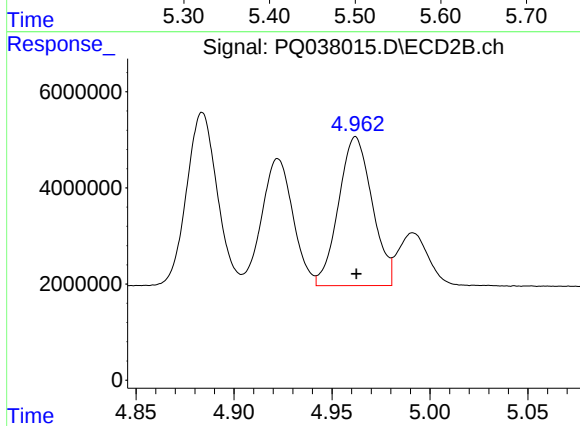
#13 AR-1232-3

R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 39150081
Conc: 1171.05 ng/ml



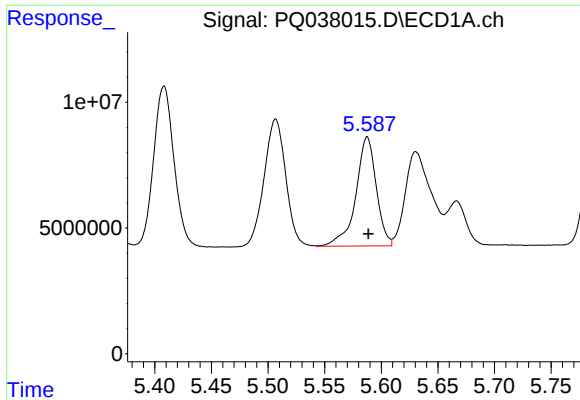
#14 AR-1232-4

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 67717211
Conc: 1162.66 ng/ml



#14 AR-1232-4

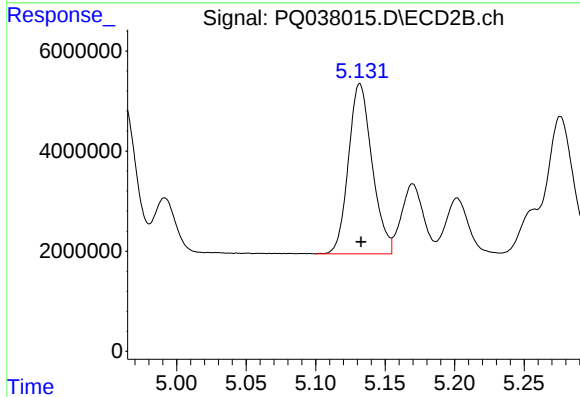
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 36994696
Conc: 1285.51 ng/ml



#15 AR-1232-5

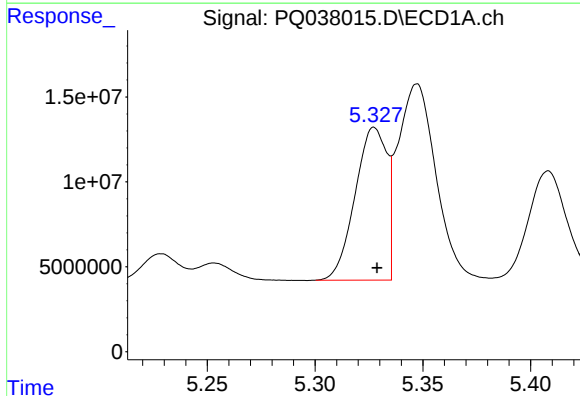
R.T.: 5.588 min
Delta R.T.: -0.001 min
Response: 54649271
Conc: 1278.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



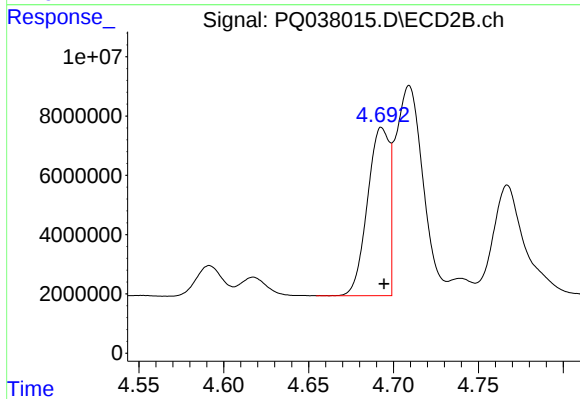
#15 AR-1232-5

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 40384400
Conc: 1274.00 ng/ml



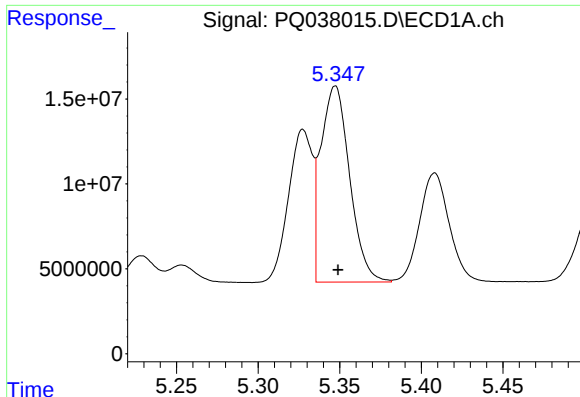
#16 AR-1242-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 92146205
Conc: 560.76 ng/ml



#16 AR-1242-1

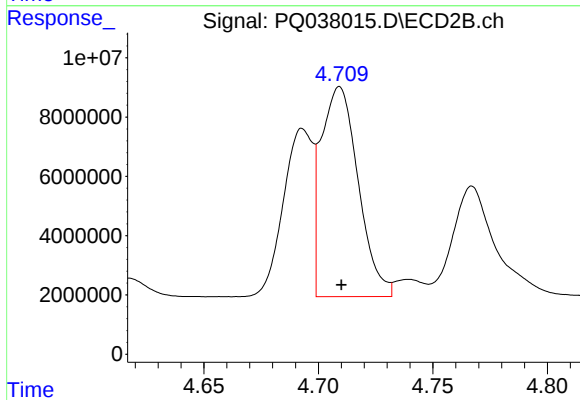
R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 50720948
Conc: 552.75 ng/ml



#17 AR-1242-2

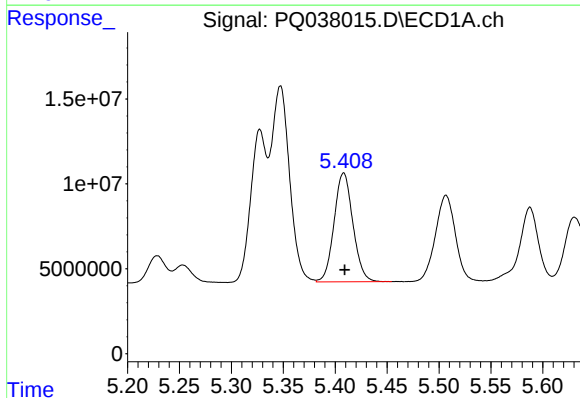
R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 142071545
Conc: 556.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



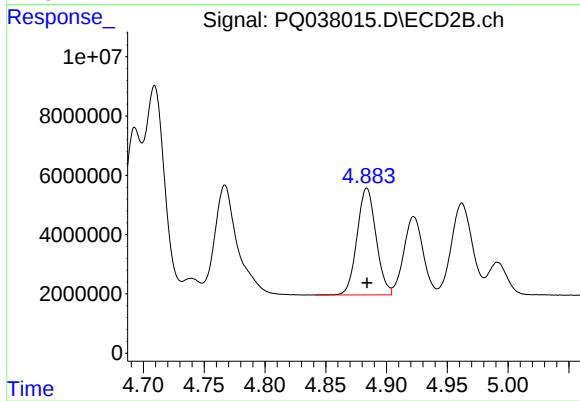
#17 AR-1242-2

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 79941932
Conc: 572.12 ng/ml



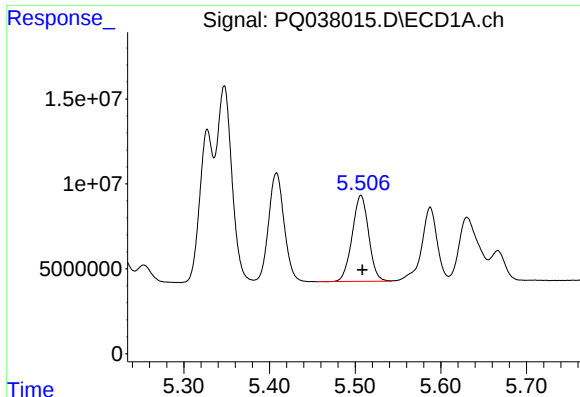
#18 AR-1242-3

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 80970170
Conc: 549.01 ng/ml



#18 AR-1242-3

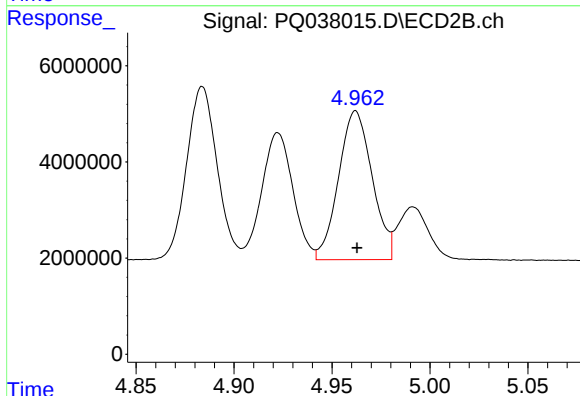
R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 39150081
Conc: 566.51 ng/ml



#19 AR-1242-4

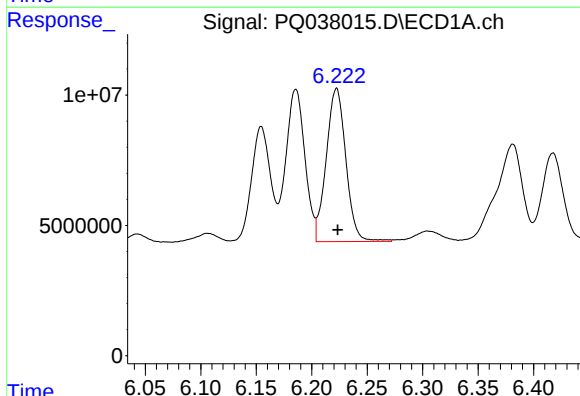
R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 67717211
Conc: 553.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



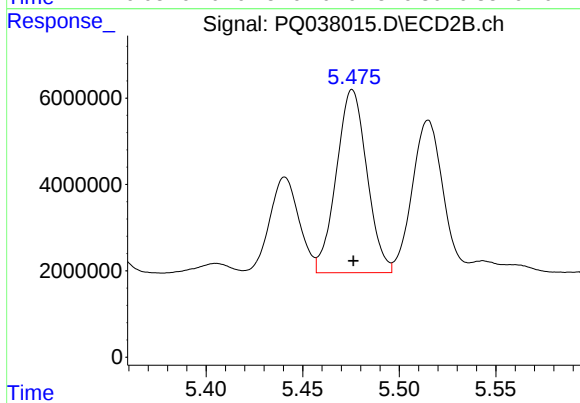
#19 AR-1242-4

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 36994696
Conc: 579.57 ng/ml



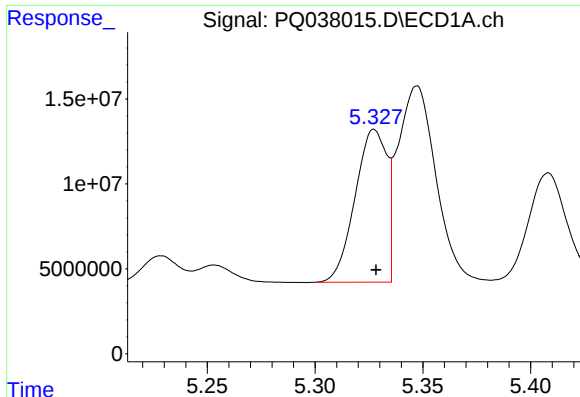
#20 AR-1242-5

R.T.: 6.222 min
Delta R.T.: -0.001 min
Response: 72428908
Conc: 530.09 ng/ml



#20 AR-1242-5

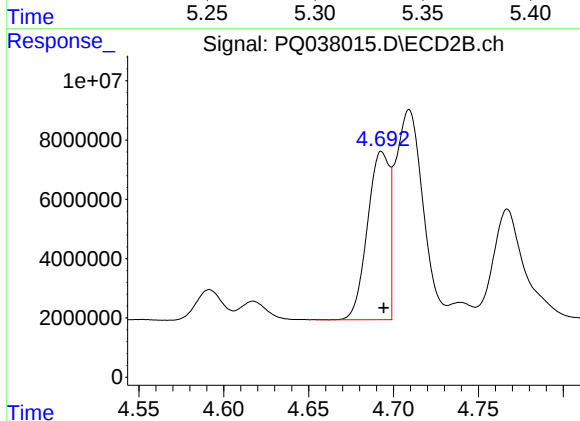
R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 46755752
Conc: 540.91 ng/ml



#21 AR-1248-1

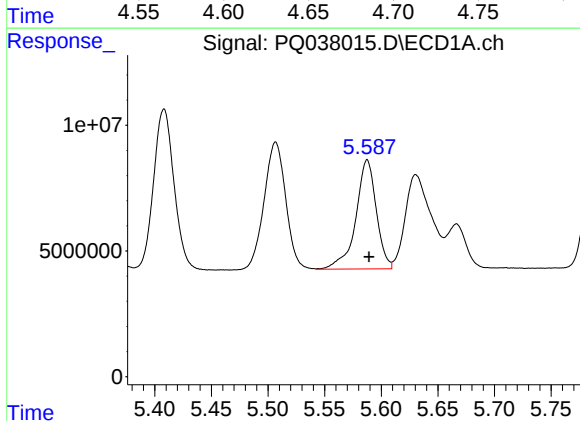
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 92146205
Conc: 581.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



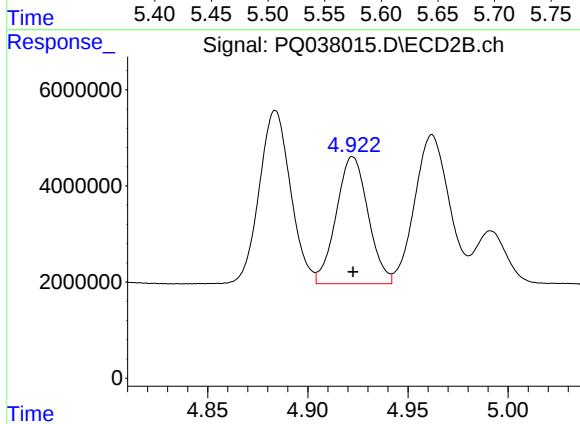
#21 AR-1248-1

R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 50720948
Conc: 549.91 ng/ml



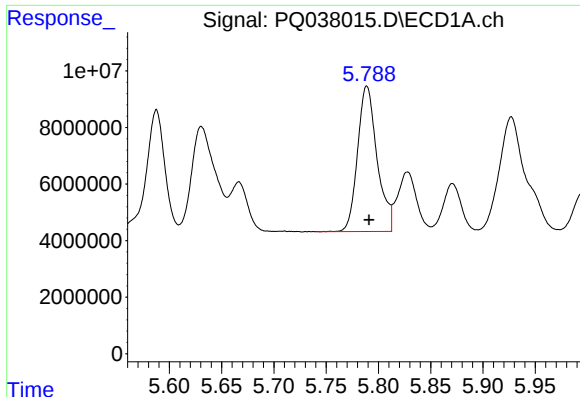
#22 AR-1248-2

R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 54649271
Conc: 249.68 ng/ml



#22 AR-1248-2

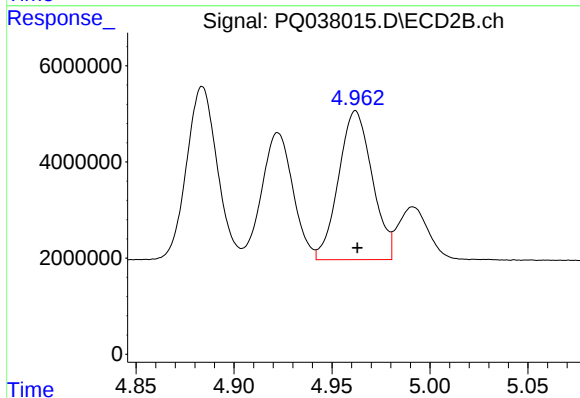
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 29282133
Conc: 244.49 ng/ml



#23 AR-1248-3

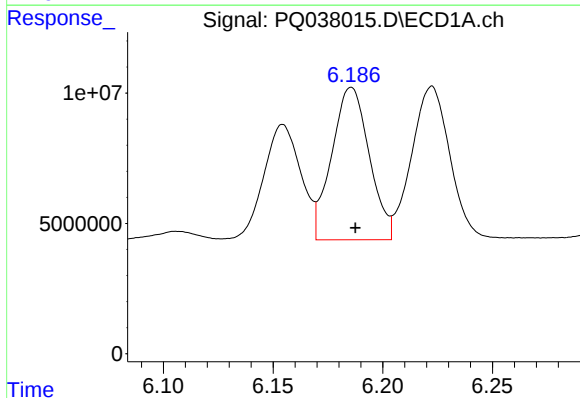
R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 66827460
Conc: 272.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



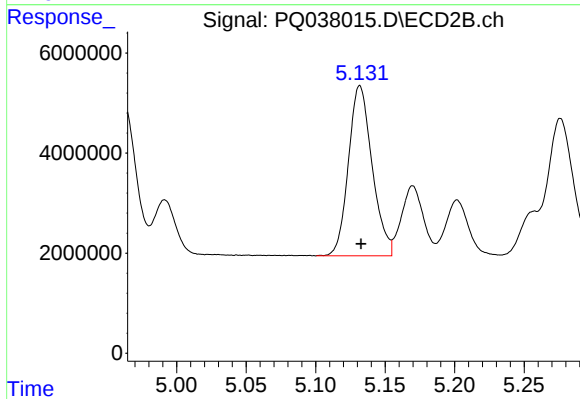
#23 AR-1248-3

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 36994696
Conc: 304.83 ng/ml



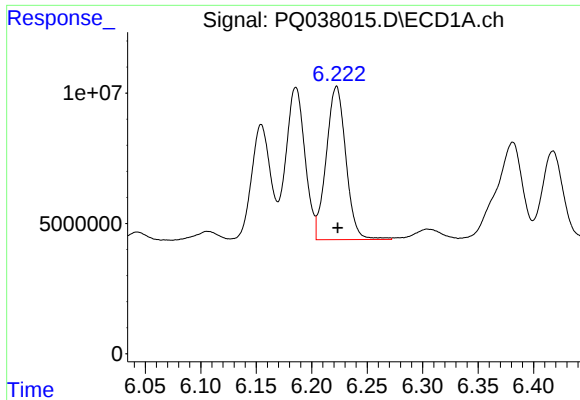
#24 AR-1248-4

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 69806255
Conc: 249.57 ng/ml



#24 AR-1248-4

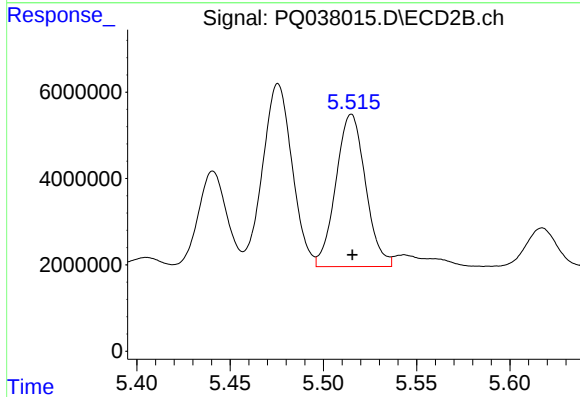
R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 40384400
Conc: 271.59 ng/ml



#25 AR-1248-5

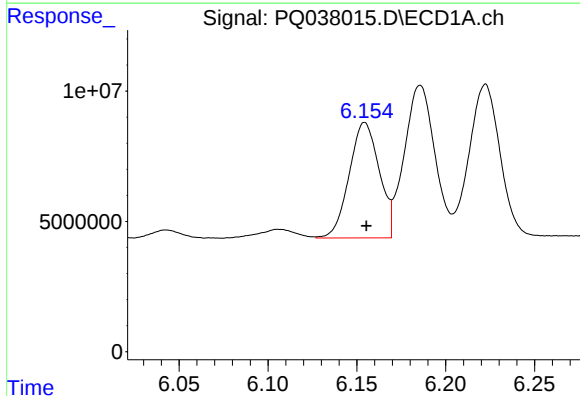
R.T.: 6.222 min
Delta R.T.: -0.001 min
Response: 72428908
Conc: 273.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



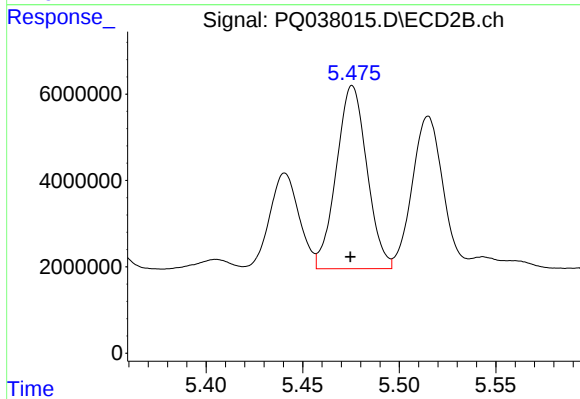
#25 AR-1248-5

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 39090036
Conc: 268.74 ng/ml



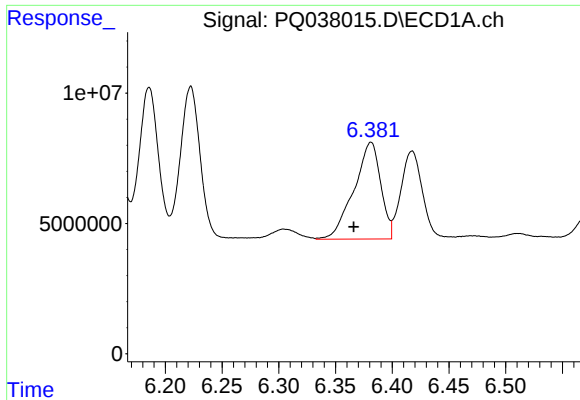
#26 AR-1254-1

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 52111855
Conc: 265.25 ng/ml



#26 AR-1254-1

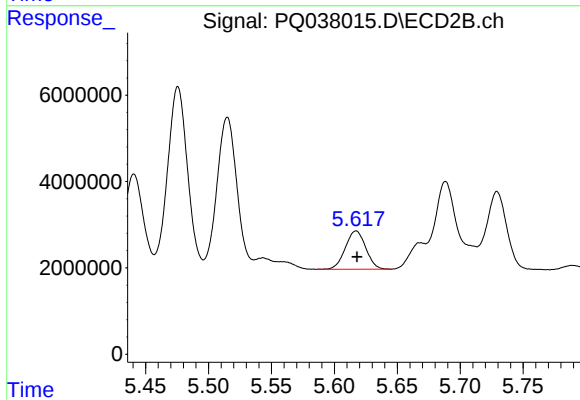
R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 46755752
Conc: 303.53 ng/ml



#27 AR-1254-2

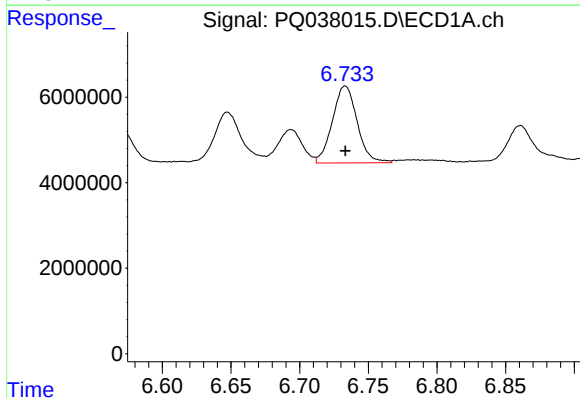
R.T.: 6.381 min
Delta R.T.: 0.015 min
Response: 61008814
Conc: 199.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



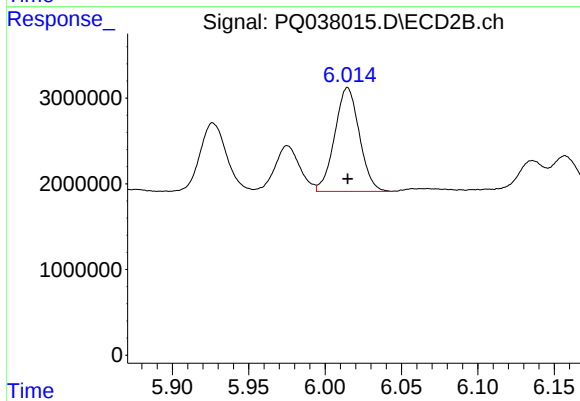
#27 AR-1254-2

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 10084132
Conc: 77.72 ng/ml



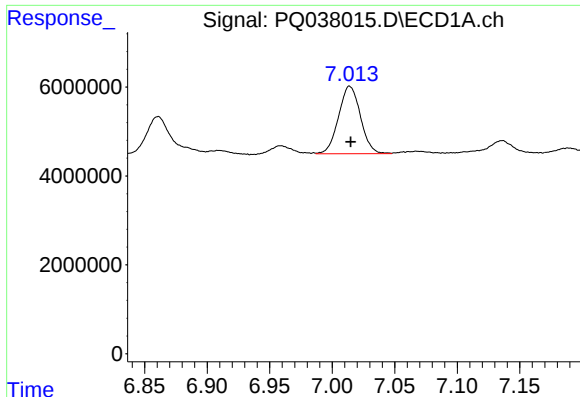
#28 AR-1254-3

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 22646398
Conc: 72.72 ng/ml



#28 AR-1254-3

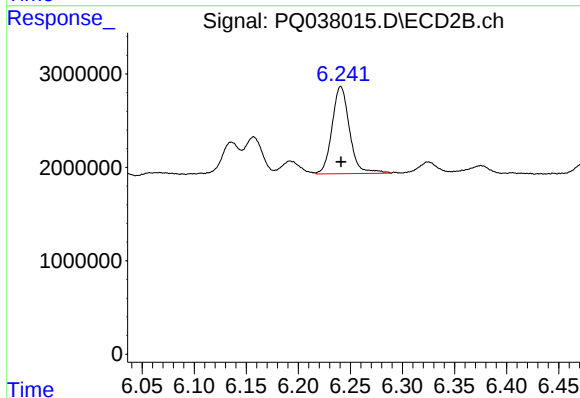
R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 13628417
Conc: 64.43 ng/ml



#29 AR-1254-4

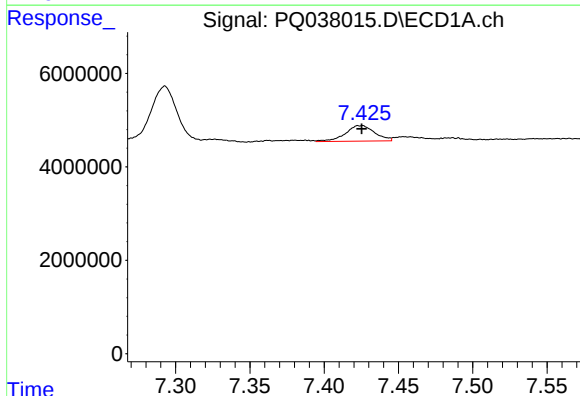
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 18516722
Conc: 72.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



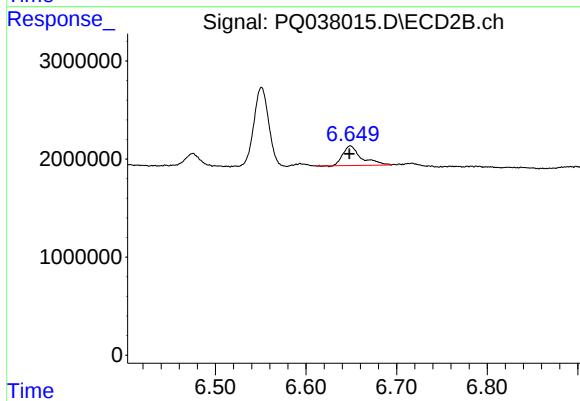
#29 AR-1254-4

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 10879346
Conc: 67.83 ng/ml



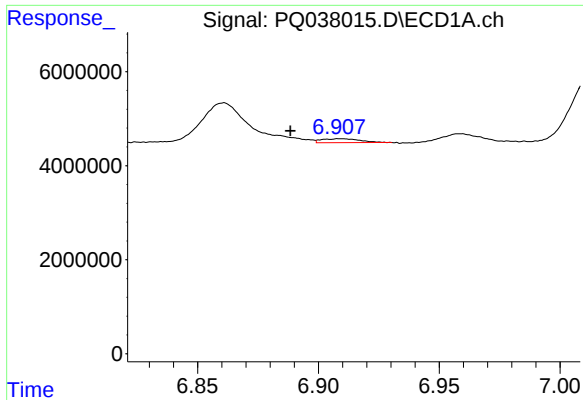
#30 AR-1254-5

R.T.: 7.425 min
Delta R.T.: 0.000 min
Response: 4583058
Conc: 15.53 ng/ml



#30 AR-1254-5

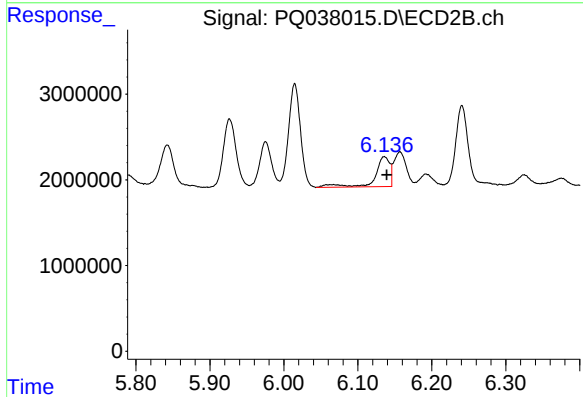
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 2865657
Conc: 16.47 ng/ml



#31 AR-1260-1

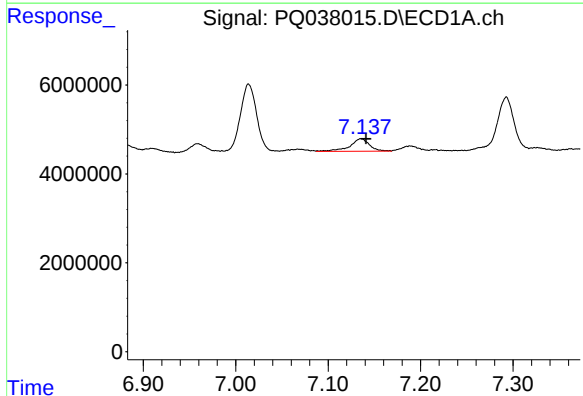
R.T.: 6.909 min
Delta R.T.: 0.021 min
Response: 957905
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



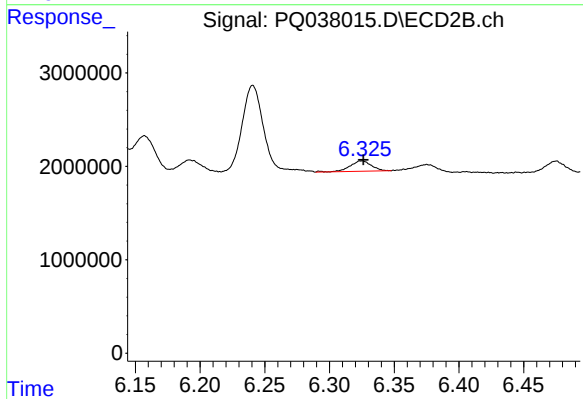
#31 AR-1260-1

R.T.: 6.136 min
Delta R.T.: -0.004 min
Response: 4779947
Conc: 30.80 ng/ml



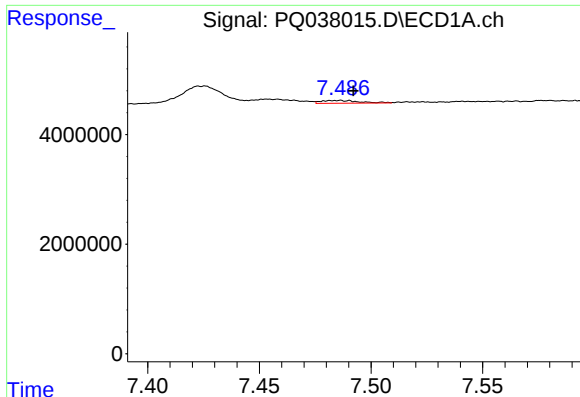
#32 AR-1260-2

R.T.: 7.136 min
Delta R.T.: -0.005 min
Response: 4121860
Conc: 11.96 ng/ml



#32 AR-1260-2

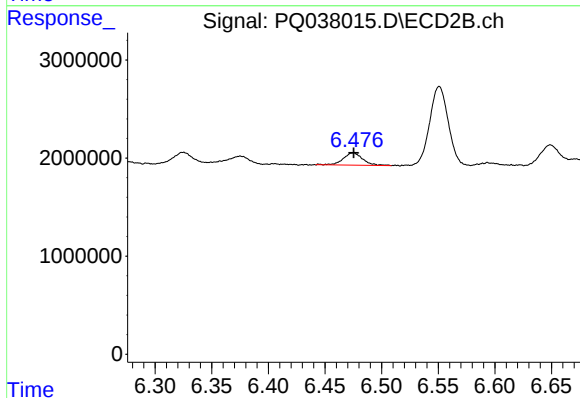
R.T.: 6.325 min
Delta R.T.: -0.001 min
Response: 1263964
Conc: 6.70 ng/ml



#33 AR-1260-3

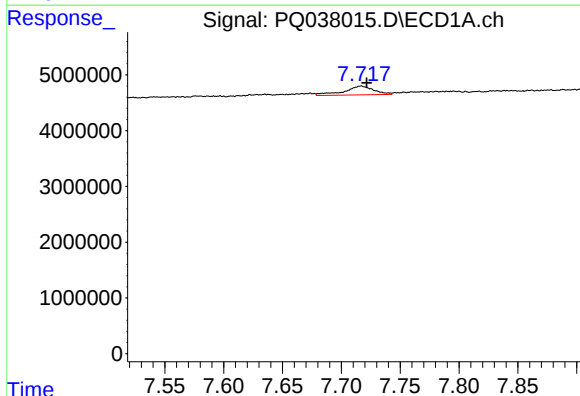
R.T.: 7.486 min
Delta R.T.: -0.006 min
Response: 600554
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



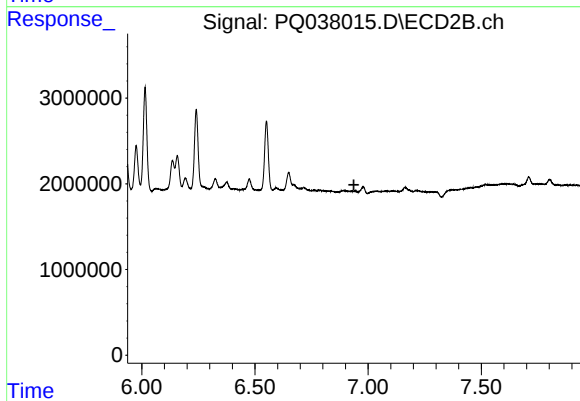
#33 AR-1260-3

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1500693
Conc: 8.81 ng/ml



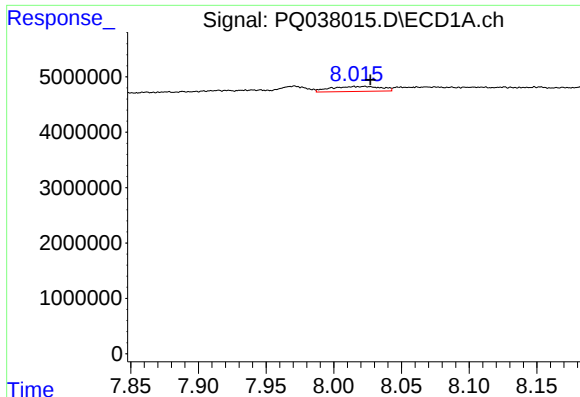
#34 AR-1260-4

R.T.: 7.717 min
Delta R.T.: -0.005 min
Response: 2765071
Conc: 10.27 ng/ml



#34 AR-1260-4

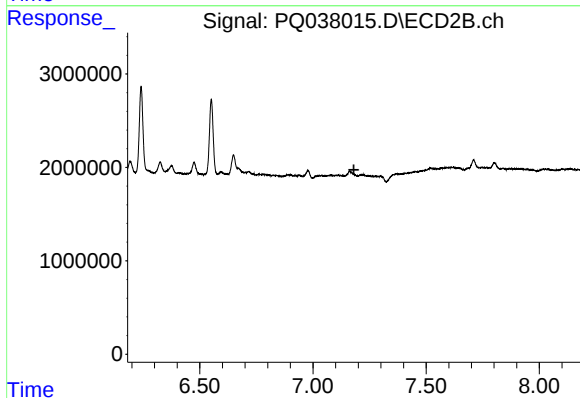
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

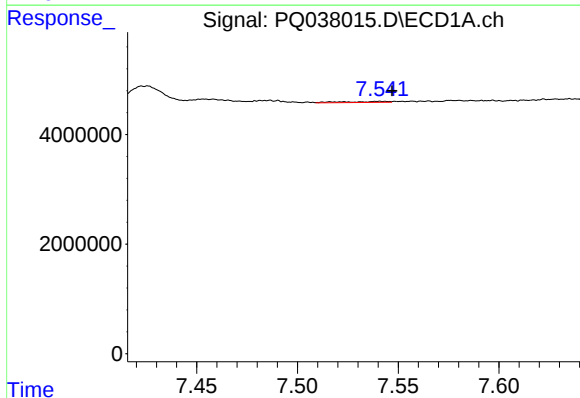
R.T.: 8.015 min
Delta R.T.: -0.012 min
Response: 2332323
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



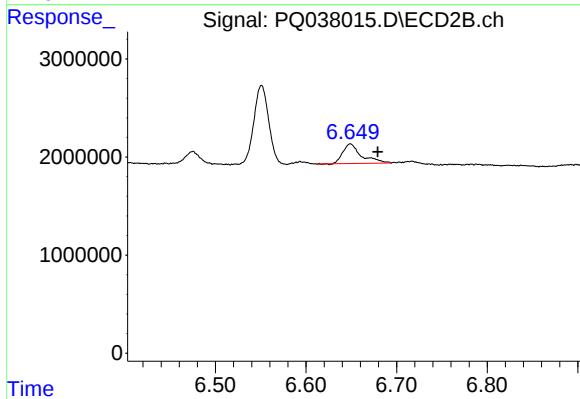
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



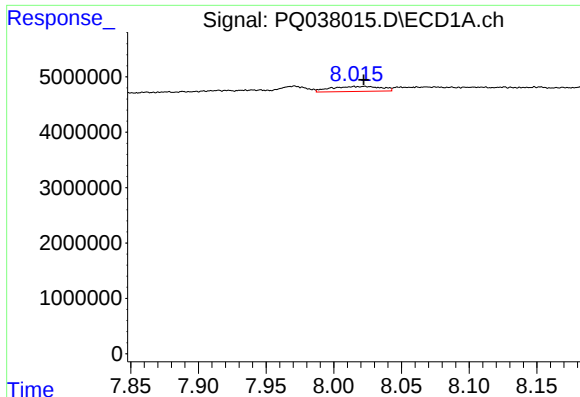
#36 AR-1262-1

R.T.: 7.541 min
Delta R.T.: -0.006 min
Response: 259016
Conc: 1.68 ng/ml



#36 AR-1262-1

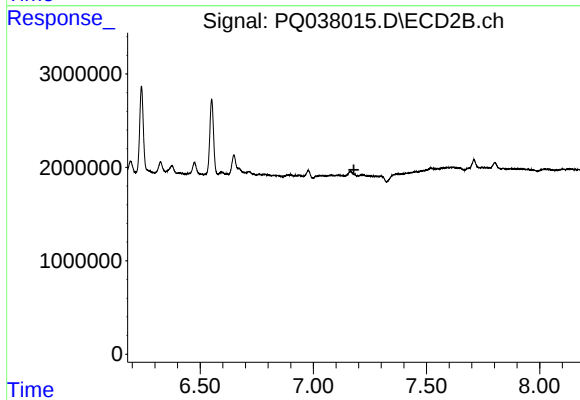
R.T.: 6.649 min
Delta R.T.: -0.030 min
Response: 2865657
Conc: 13.57 ng/ml



#37 AR-1262-2

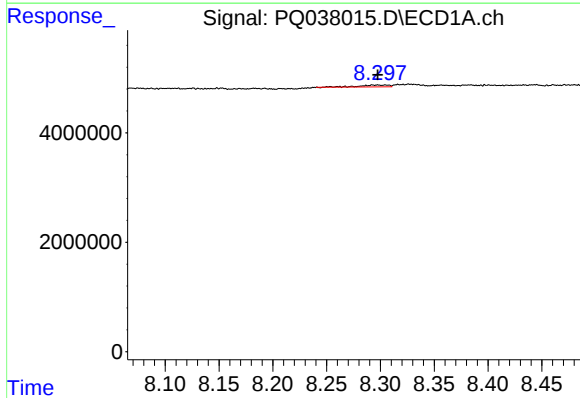
R.T.: 8.015 min
Delta R.T.: -0.007 min
Response: 2332323
Conc: 3.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



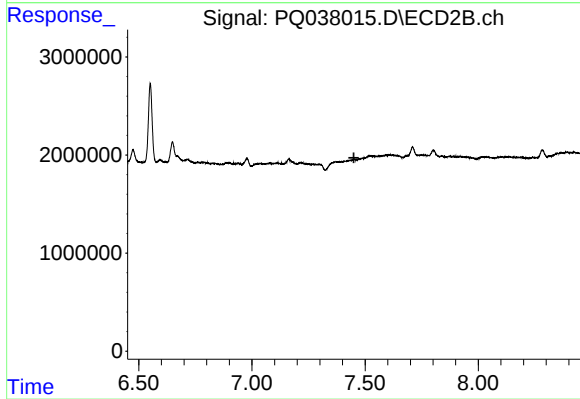
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



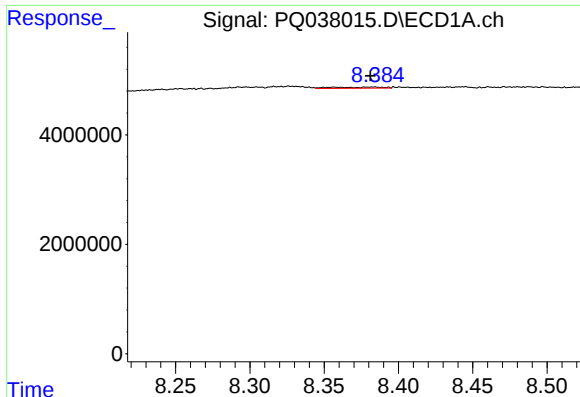
#38 AR-1262-3

R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 647327
Conc: 2.16 ng/ml



#38 AR-1262-3

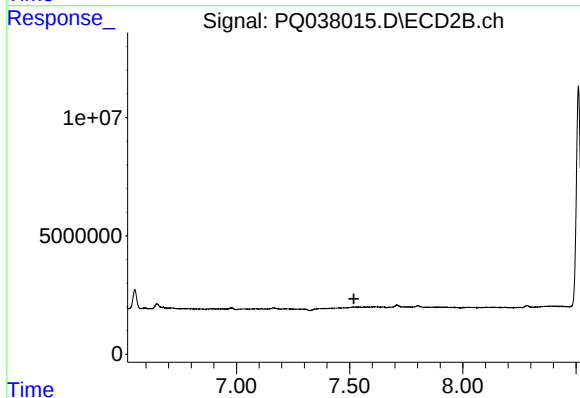
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

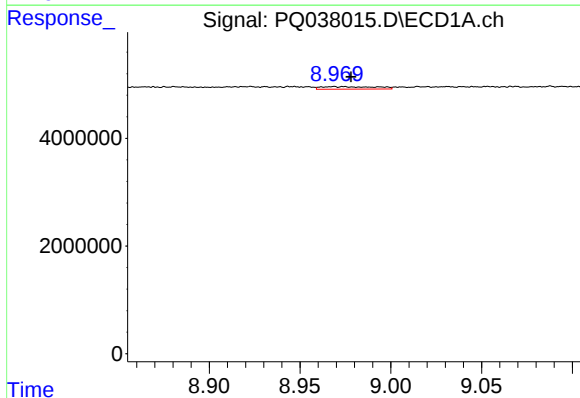
R.T.: 8.357 min
Delta R.T.: -0.024 min
Response: 473498
Conc: 1.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



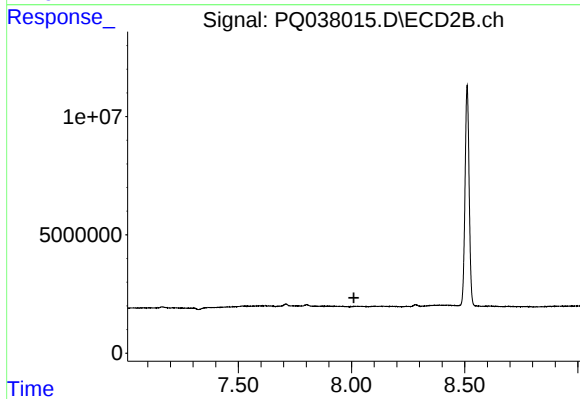
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



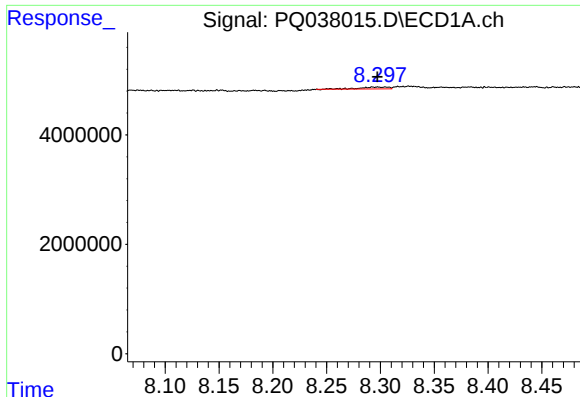
#40 AR-1262-5

R.T.: 8.968 min
Delta R.T.: -0.010 min
Response: 996621
Conc: 4.17 ng/ml



#40 AR-1262-5

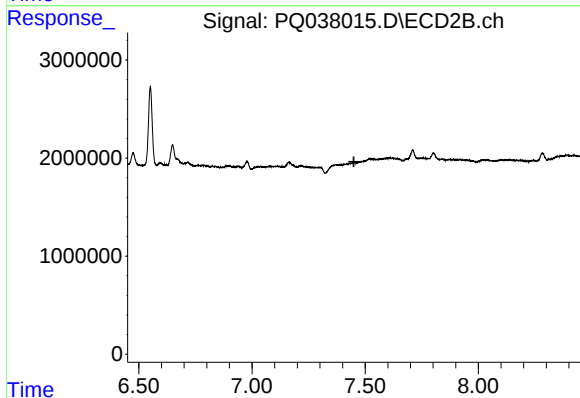
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

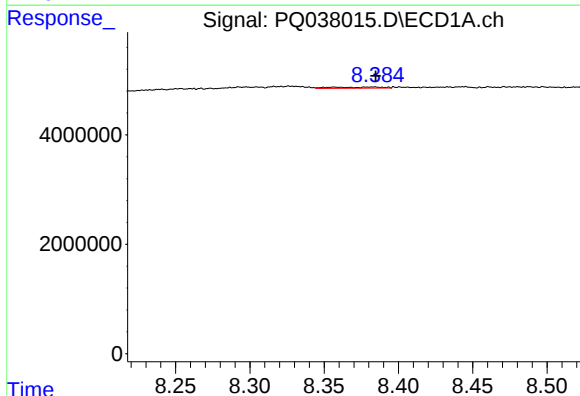
R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 647327
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



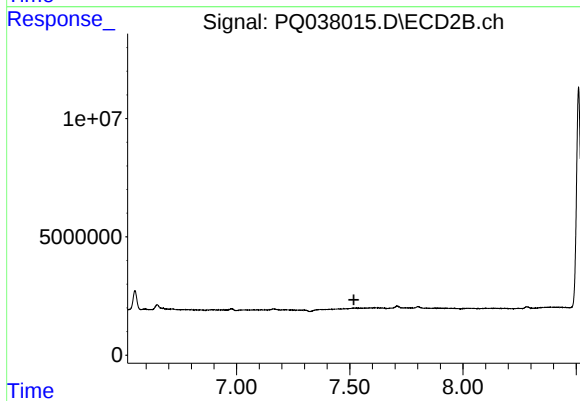
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



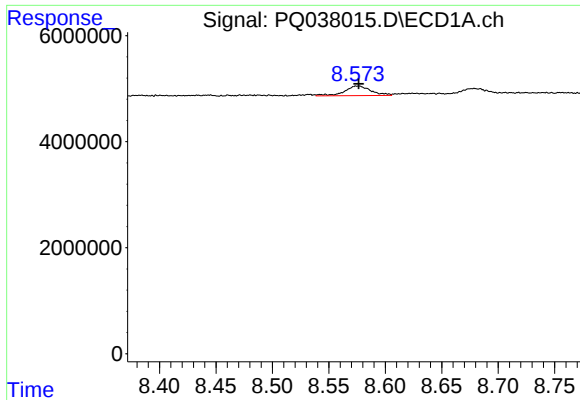
#42 AR-1268-2

R.T.: 8.357 min
Delta R.T.: -0.028 min
Response: 473498
Conc: 0.63 ng/ml



#42 AR-1268-2

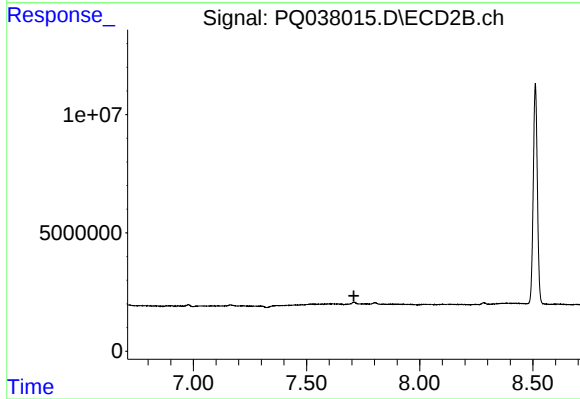
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

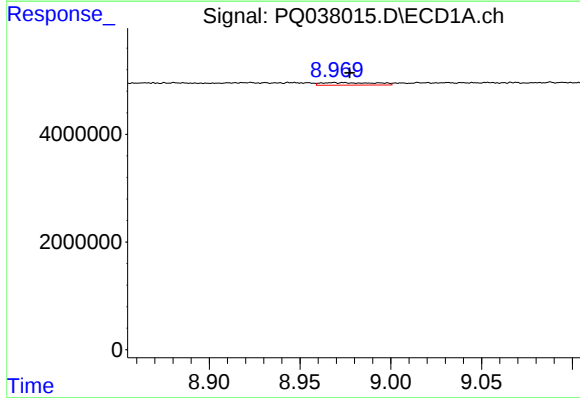
R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 2997009
Conc: 4.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



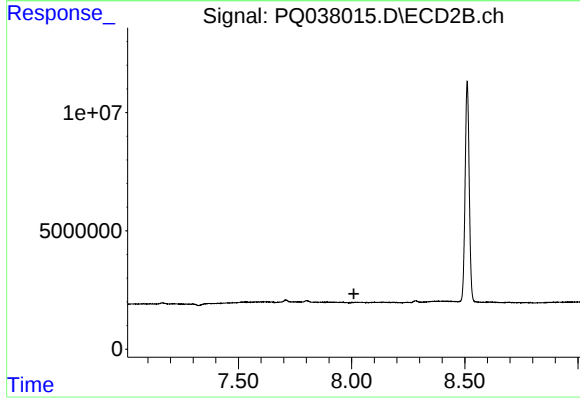
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



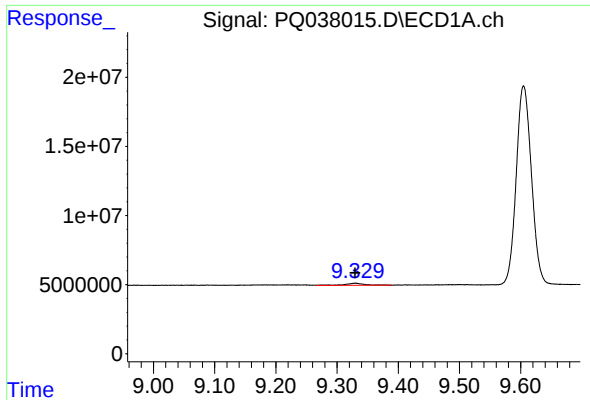
#44 AR-1268-4

R.T.: 8.968 min
Delta R.T.: -0.009 min
Response: 996621
Conc: 3.85 ng/ml



#44 AR-1268-4

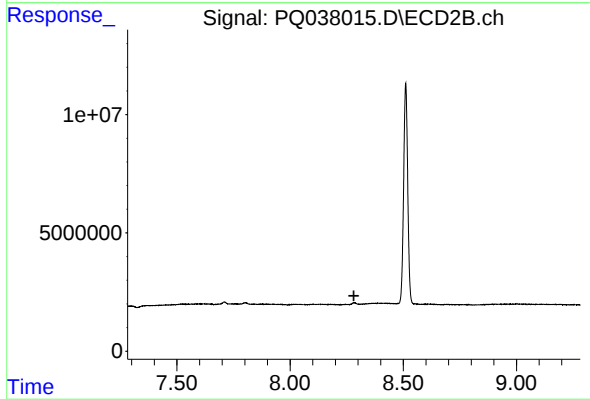
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.330 min
Delta R.T.: 0.000 min
Response: 3365635
Conc: 1.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.