

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
 Data File : PQ045473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2019 04:33
 Operator : SM\AJ
 Sample : K6007-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 05:41:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 2019
 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...	5.100	4.308	64394887	37855401	19.576	22.194
2)	SA Decachlor...	11.146	9.714	238.5E6	189.1E6	36.557	36.142
Target Compounds							
3)	L1 AR-1016-1	6.432	5.548	1016393	142379	8.258	2.046 #
4)	L1 AR-1016-2	6.432	5.655	1016393	1800645	5.207	16.980 #
5)	L1 AR-1016-3	6.473	5.792	1227013	7556999	10.108	142.417 #
6)	L1 AR-1016-4	6.579	5.851	28743483	3869757	297.399	82.783 #
7)	L1 AR-1016-5	6.923	6.039	782179	15459222	7.699	243.766 #
8)	L2 AR-1221-1	5.381	0.000	522358	0	14.695	N.D. #
9)	L2 AR-1221-2	5.450	0.000	1660218	0	62.569	N.D. #
10)	L2 AR-1221-3	5.545	4.760	1473057	842608	16.314	17.563
11)	L3 AR-1232-1	5.545	4.760	1473057	842608	23.179	23.779
12)	L3 AR-1232-2	6.090	5.655	33889341	1800645	847.207	40.570 #
13)	L3 AR-1232-3	6.432	5.792	1016393	7556999	12.619	341.234 #
14)	L3 AR-1232-4	6.579	5.920	28743483	12594382	727.222	558.119
15)	L3 AR-1232-5	6.707	6.039	11323782	15459222	339.174	636.582 #
16)	L4 AR-1242-1	6.432	5.548	1016393	142379	9.829	2.414 #
17)	L4 AR-1242-2	6.432	5.655	1016393	1800645	6.231	20.540 #
18)	L4 AR-1242-3	6.473	5.792	1227013	7556999	11.997	167.703 #
19)	L4 AR-1242-4	6.579	5.920	28743483	12594382	357.545	259.473 #
20)	L4 AR-1242-5	7.397	6.474	19725387	25318857	210.196	364.844 #
21)	L5 AR-1248-1	6.432	5.548	1016393	142379	12.544	3.077 #
22)	L5 AR-1248-2	6.707	5.851	11323782	3869757	89.103	57.409 #
23)	L5 AR-1248-3	6.923	5.920	782179	12594382	5.617	177.353 #
24)	L5 AR-1248-4	7.350	6.039	21551230	15459222	132.730	177.744 #
25)	L5 AR-1248-5	7.397	6.474	19725387	25318857	125.923	267.812 #
26)	L6 AR-1254-1	7.330	6.474	40661660	25318857	247.161	174.464 #
27)	L6 AR-1254-2	7.550	6.623	62640455	9353606	238.986	69.913 #
28)	L6 AR-1254-3	7.933	7.049	37493147	20559840	131.141	85.771 #
29)	L6 AR-1254-4	8.219	7.288	52160712	13792830	240.722	82.605 #
30)	L6 AR-1254-5	8.649	7.721	51331871	31185005	208.602	121.022 #
31)	L7 AR-1260-1	8.093	7.185	34497151	20673958	161.473	135.060
32)	L7 AR-1260-2	8.355	7.380	90784621	20334272	372.555	101.793 #
33)	L7 AR-1260-3	8.710	7.540	43731450	16651874	220.601	90.506 #
34)	L7 AR-1260-4	8.952	8.025	26020001	8831450	113.815	48.677 #
35)	L7 AR-1260-5	9.287	8.272	29761440	32492601	57.191	63.509
36)	L8 AR-1262-1	8.783	7.721	6819324	31185005	49.319	213.775 #
37)	L8 AR-1262-2	9.287	8.272	29761440	32492601	45.913	49.940
38)	L8 AR-1262-3	9.627	8.561	16928185	7221863	37.000	27.110 #
39)	L8 AR-1262-4	9.702	8.626	4446291	16464024	12.196	31.450 #
40)	L8 AR-1262-5	10.380	9.137	982722	5789631	3.448	21.052 #
41)	L9 AR-1268-1	9.627	8.561	16928185	7221863	20.033	8.993 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
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 Acq On : 27 Nov 2019 04:33
 Operator : SM\AJ
 Sample : K6007-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

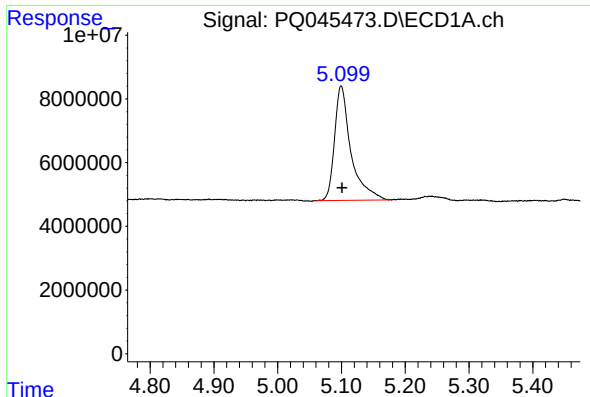
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 05:41:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	9.702	8.626	4446291	16464024	5.375	21.646 #
43) L9	AR-1268-3	9.936	8.835	6938592	6815196	9.883	10.906
44) L9	AR-1268-4	10.380	9.137	982722	5789631	2.989	18.192 #
45) L9	AR-1268-5	10.803	9.445	24010212	21997712	8.917	9.115

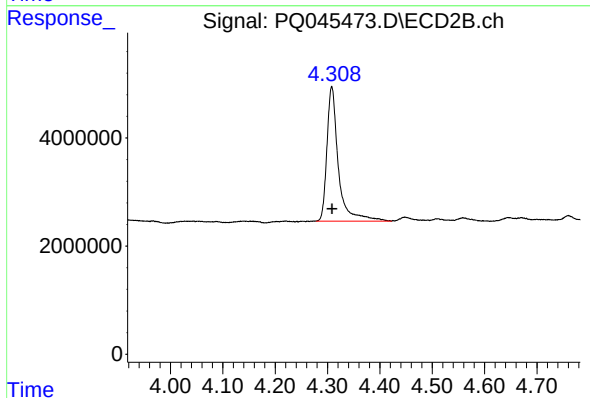
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

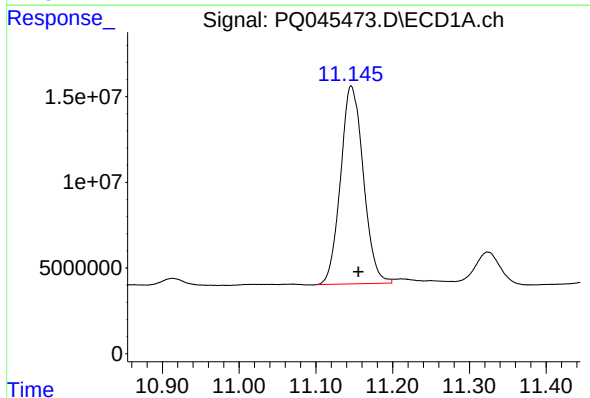
R.T.: 5.100 min
Delta R.T.: -0.001 min
Response: 64394887
Conc: 19.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



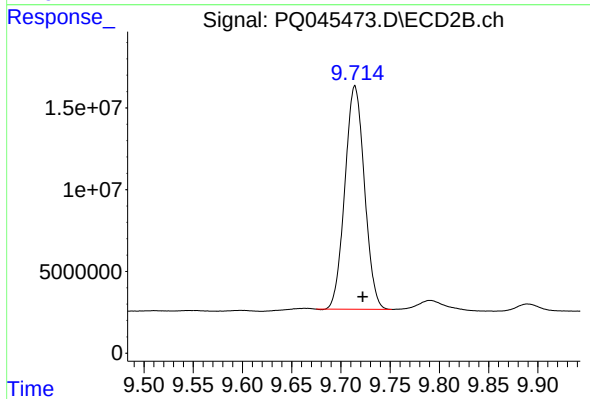
#1 Tetrachloro-m-xylene

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 37855401
Conc: 22.19 ng/ml



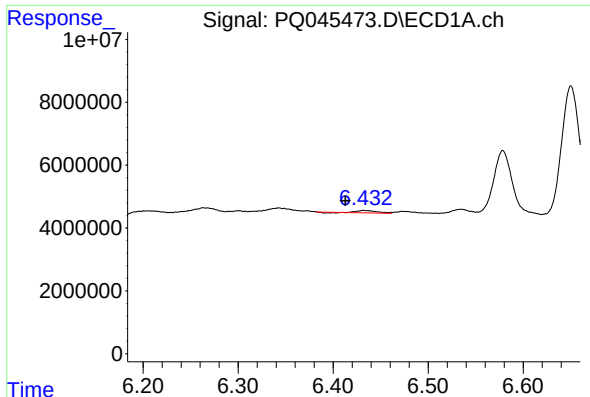
#2 Decachlorobiphenyl

R.T.: 11.146 min
Delta R.T.: -0.009 min
Response: 238549694
Conc: 36.56 ng/ml



#2 Decachlorobiphenyl

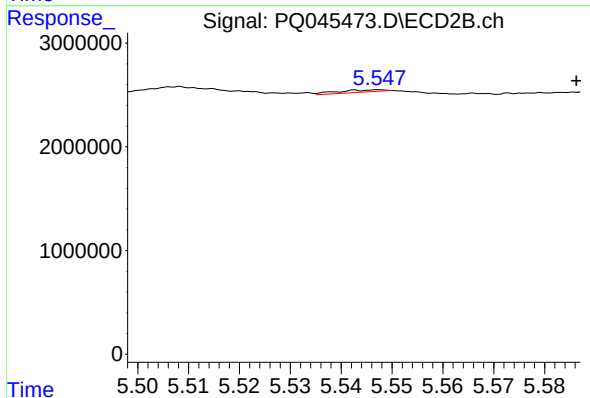
R.T.: 9.714 min
Delta R.T.: -0.008 min
Response: 189100452
Conc: 36.14 ng/ml



#3 AR-1016-1

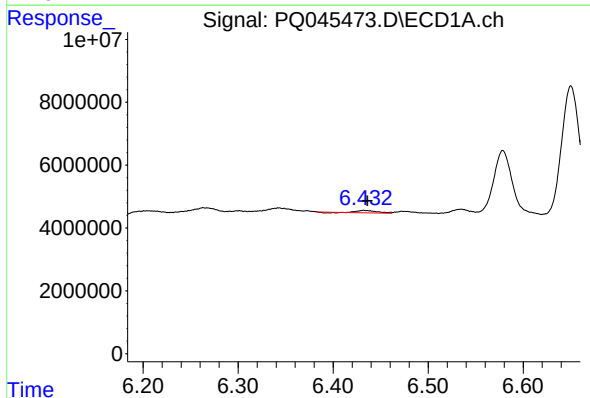
R.T.: 6.432 min
Delta R.T.: 0.019 min
Response: 1016393
Conc: 8.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



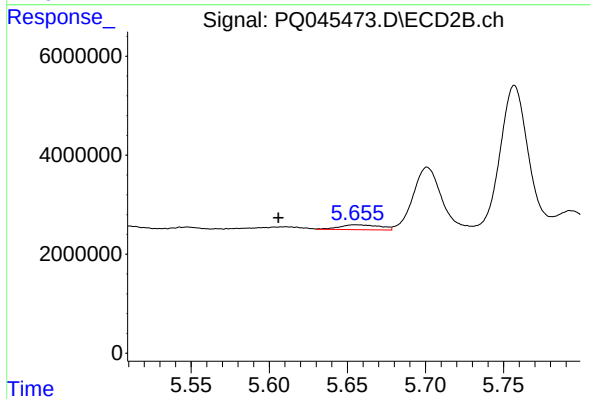
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: -0.039 min
Response: 142379
Conc: 2.05 ng/ml



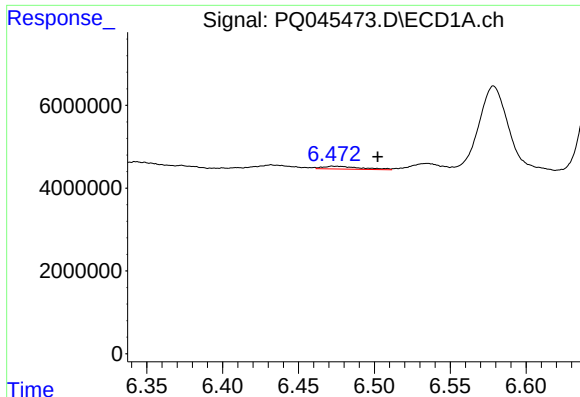
#4 AR-1016-2

R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 1016393
Conc: 5.21 ng/ml



#4 AR-1016-2

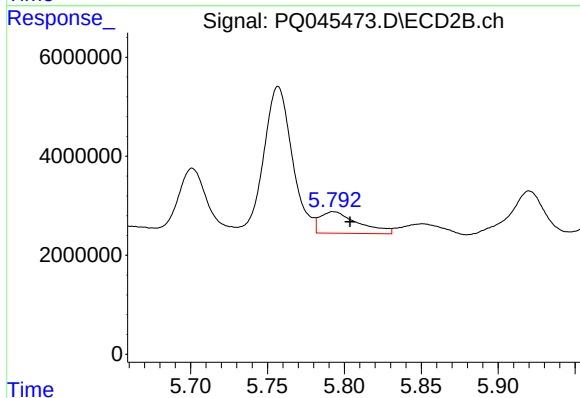
R.T.: 5.655 min
Delta R.T.: 0.049 min
Response: 1800645
Conc: 16.98 ng/ml



#5 AR-1016-3

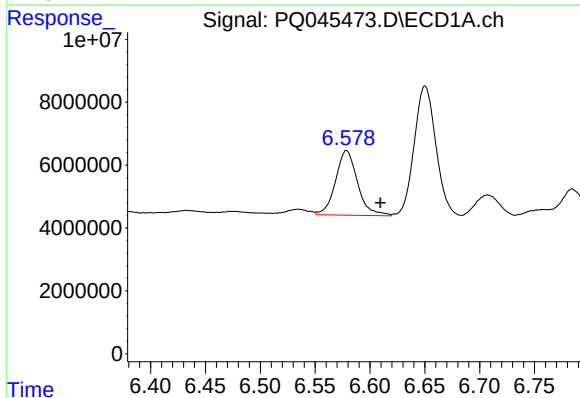
R.T.: 6.473 min
Delta R.T.: -0.029 min
Response: 1227013
Conc: 10.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



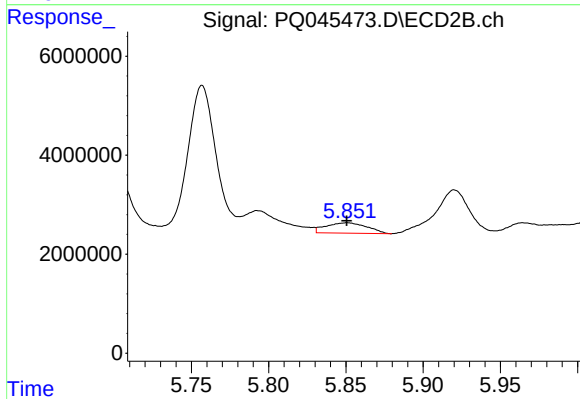
#5 AR-1016-3

R.T.: 5.792 min
Delta R.T.: -0.011 min
Response: 7556999
Conc: 142.42 ng/ml



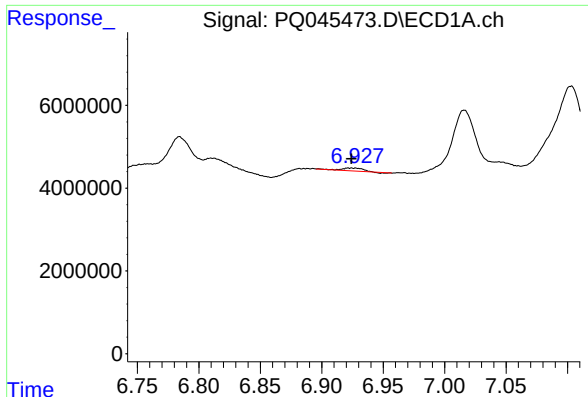
#6 AR-1016-4

R.T.: 6.579 min
Delta R.T.: -0.031 min
Response: 28743483
Conc: 297.40 ng/ml



#6 AR-1016-4

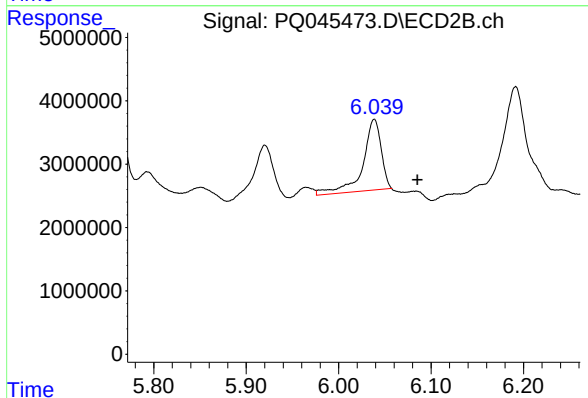
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 3869757
Conc: 82.78 ng/ml



#7 AR-1016-5

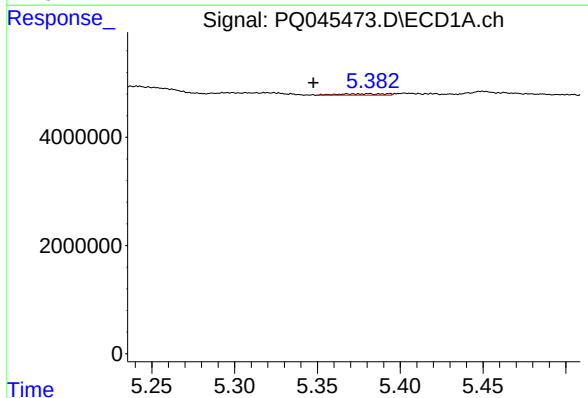
R.T.: 6.923 min
Delta R.T.: -0.002 min
Response: 782179
Conc: 7.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



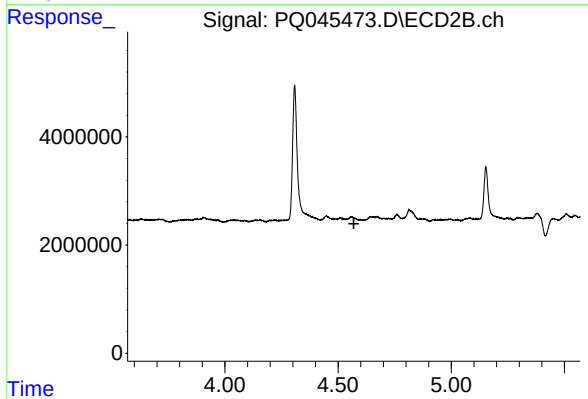
#7 AR-1016-5

R.T.: 6.039 min
Delta R.T.: -0.047 min
Response: 15459222
Conc: 243.77 ng/ml



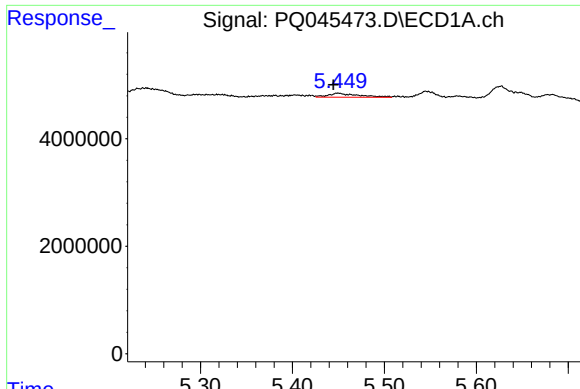
#8 AR-1221-1

R.T.: 5.381 min
Delta R.T.: 0.033 min
Response: 522358
Conc: 14.70 ng/ml



#8 AR-1221-1

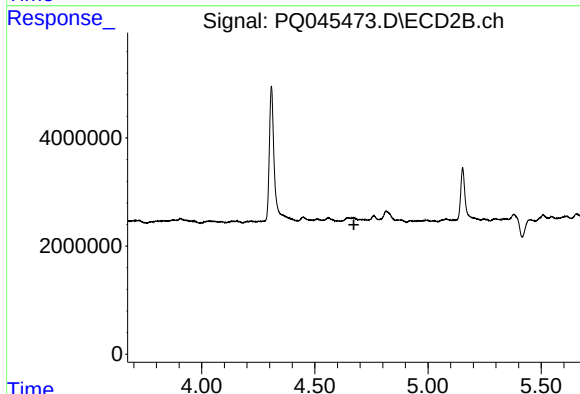
R.T.: 0.000 min
Exp R.T.: 4.570 min
Response: 0
Conc: N.D.



#9 AR-1221-2

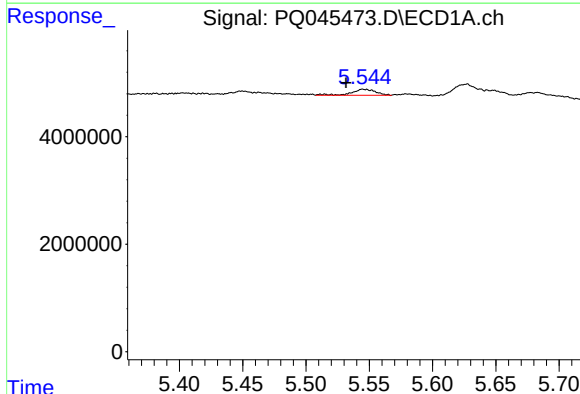
R.T.: 5.450 min
Delta R.T.: 0.005 min
Response: 1660218
Conc: 62.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



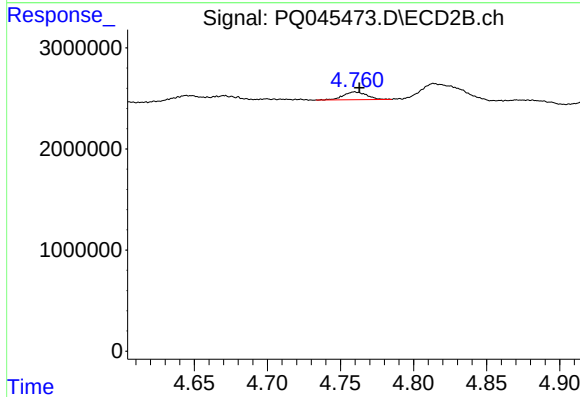
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.672 min
Response: 0
Conc: N.D.



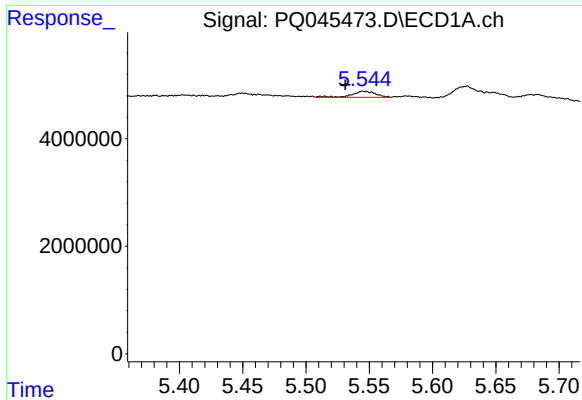
#10 AR-1221-3

R.T.: 5.545 min
Delta R.T.: 0.014 min
Response: 1473057
Conc: 16.31 ng/ml



#10 AR-1221-3

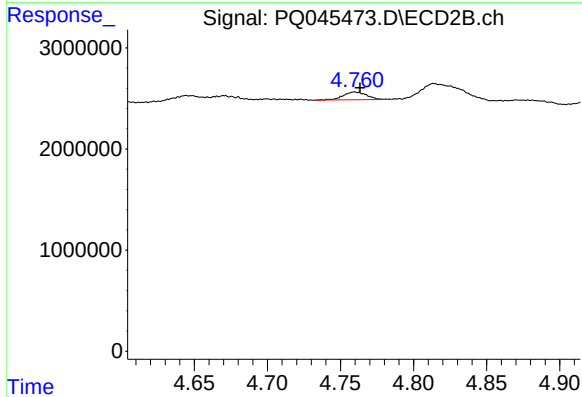
R.T.: 4.760 min
Delta R.T.: -0.003 min
Response: 842608
Conc: 17.56 ng/ml



#11 AR-1232-1

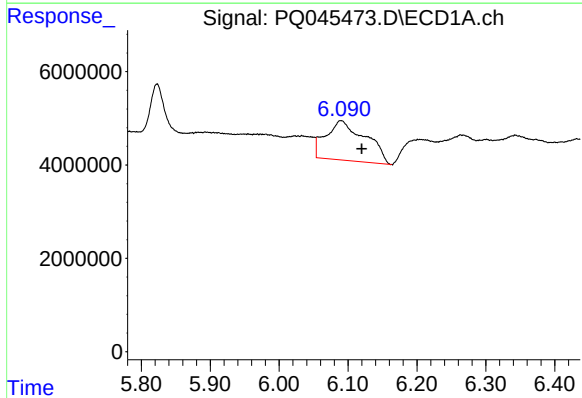
R.T.: 5.545 min
Delta R.T.: 0.014 min
Response: 1473057
Conc: 23.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



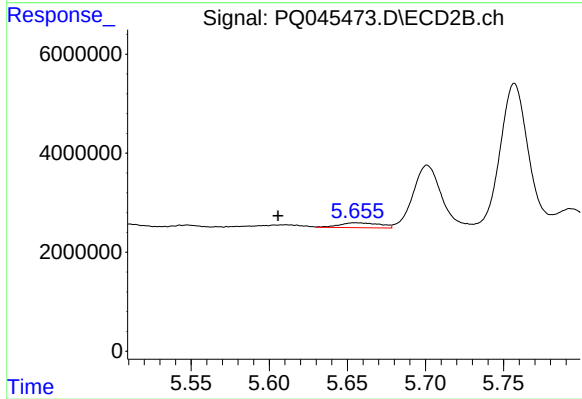
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: -0.004 min
Response: 842608
Conc: 23.78 ng/ml



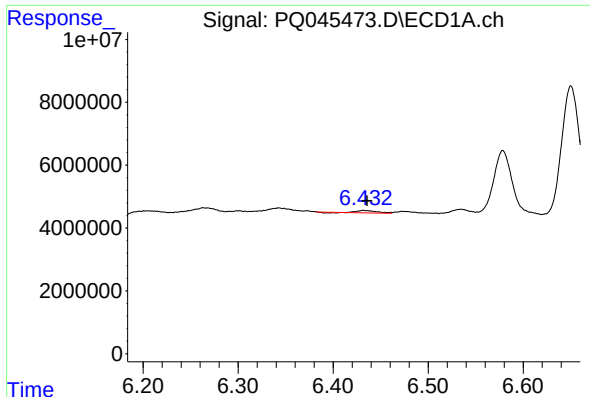
#12 AR-1232-2

R.T.: 6.090 min
Delta R.T.: -0.031 min
Response: 33889341
Conc: 847.21 ng/ml



#12 AR-1232-2

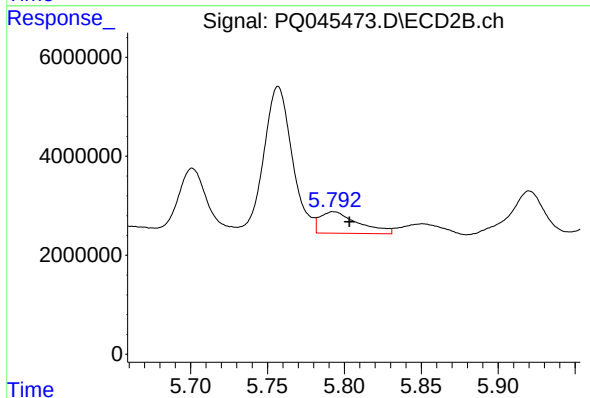
R.T.: 5.655 min
Delta R.T.: 0.049 min
Response: 1800645
Conc: 40.57 ng/ml



#13 AR-1232-3

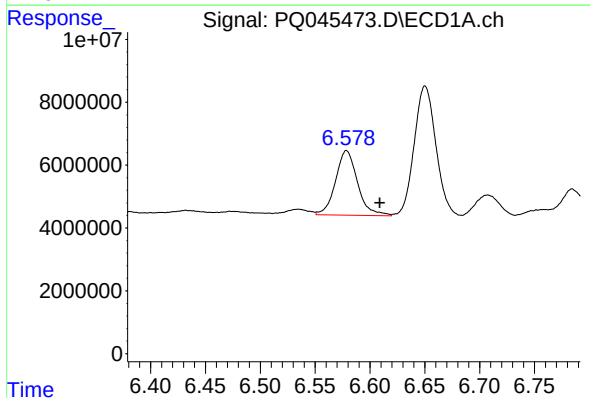
R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 1016393
Conc: 12.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



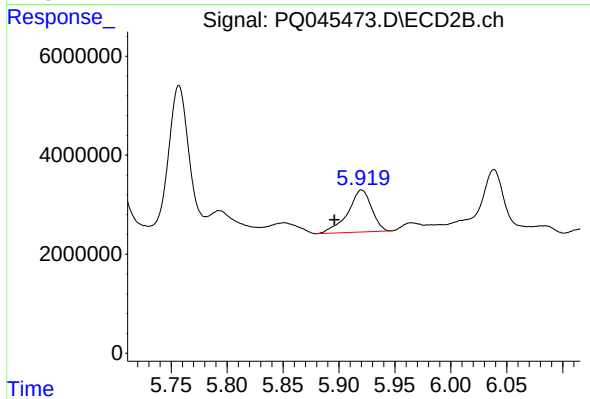
#13 AR-1232-3

R.T.: 5.792 min
Delta R.T.: -0.011 min
Response: 7556999
Conc: 341.23 ng/ml



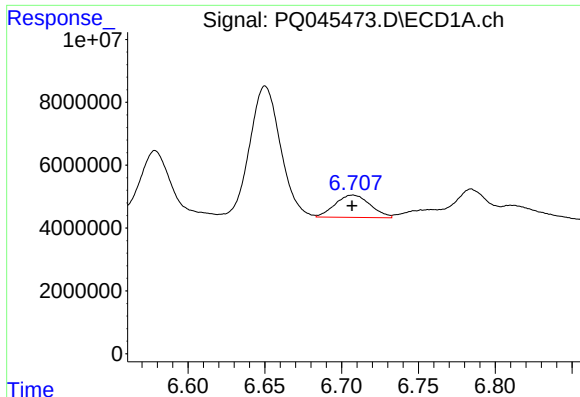
#14 AR-1232-4

R.T.: 6.579 min
Delta R.T.: -0.030 min
Response: 28743483
Conc: 727.22 ng/ml



#14 AR-1232-4

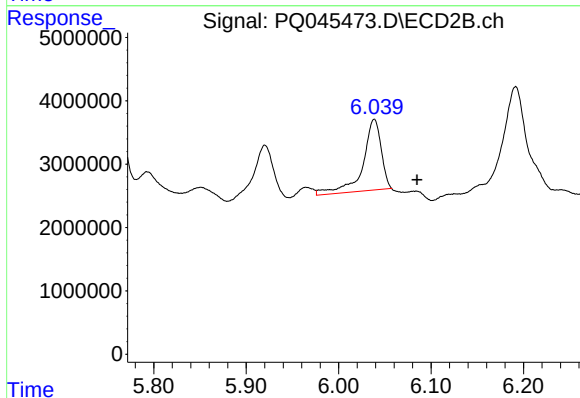
R.T.: 5.920 min
Delta R.T.: 0.024 min
Response: 12594382
Conc: 558.12 ng/ml



#15 AR-1232-5

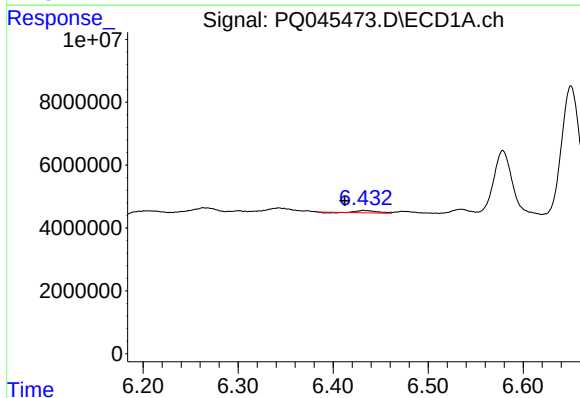
R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 11323782
Conc: 339.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



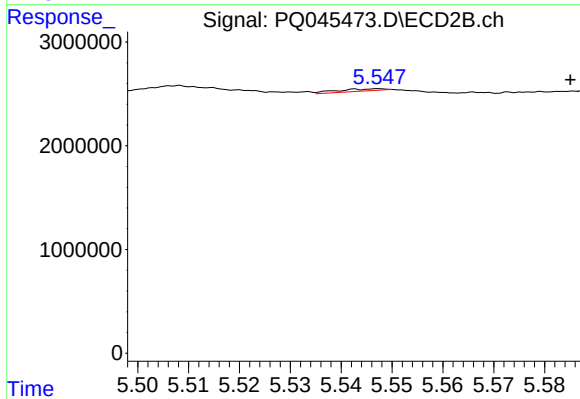
#15 AR-1232-5

R.T.: 6.039 min
Delta R.T.: -0.046 min
Response: 15459222
Conc: 636.58 ng/ml



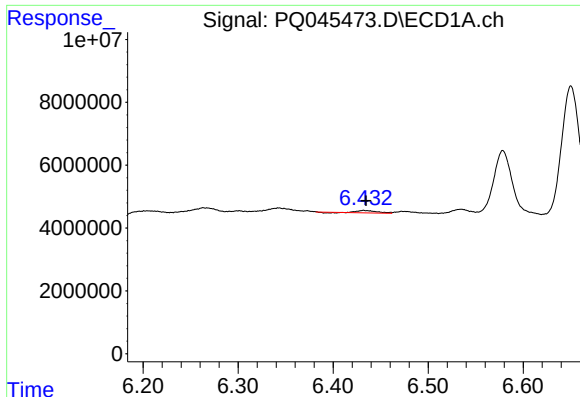
#16 AR-1242-1

R.T.: 6.432 min
Delta R.T.: 0.020 min
Response: 1016393
Conc: 9.83 ng/ml



#16 AR-1242-1

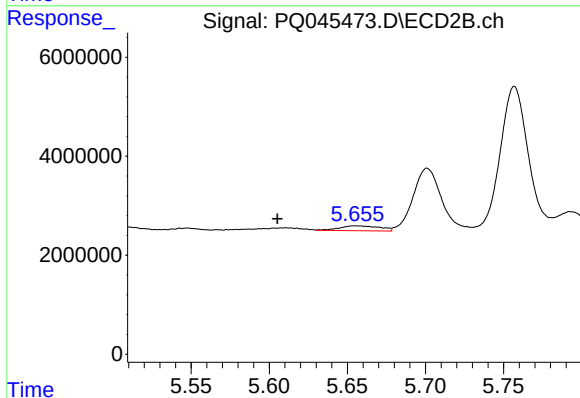
R.T.: 5.548 min
Delta R.T.: -0.038 min
Response: 142379
Conc: 2.41 ng/ml



#17 AR-1242-2

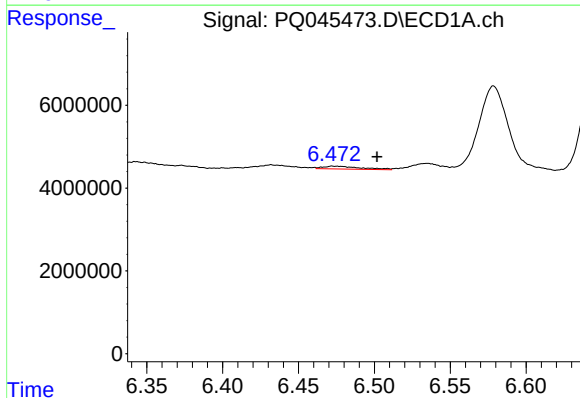
R.T.: 6.432 min
Delta R.T.: -0.003 min
Response: 1016393
Conc: 6.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



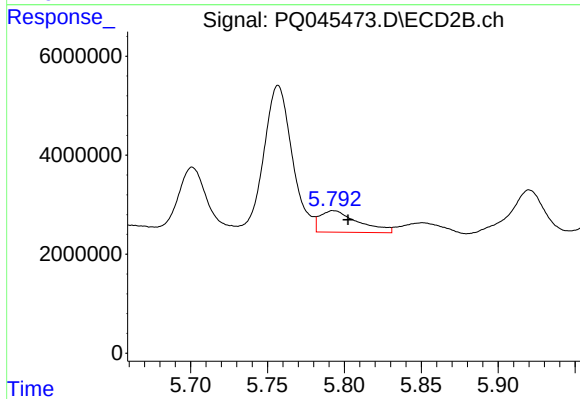
#17 AR-1242-2

R.T.: 5.655 min
Delta R.T.: 0.050 min
Response: 1800645
Conc: 20.54 ng/ml



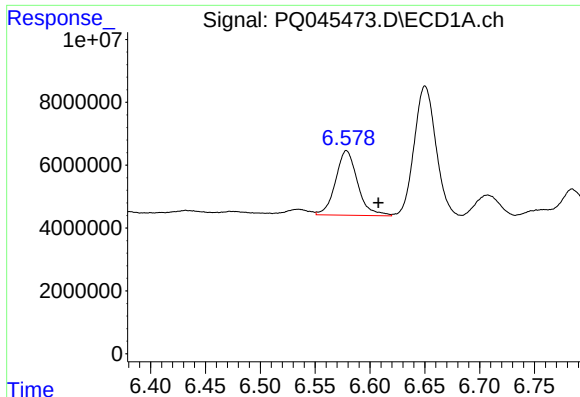
#18 AR-1242-3

R.T.: 6.473 min
Delta R.T.: -0.029 min
Response: 1227013
Conc: 12.00 ng/ml



#18 AR-1242-3

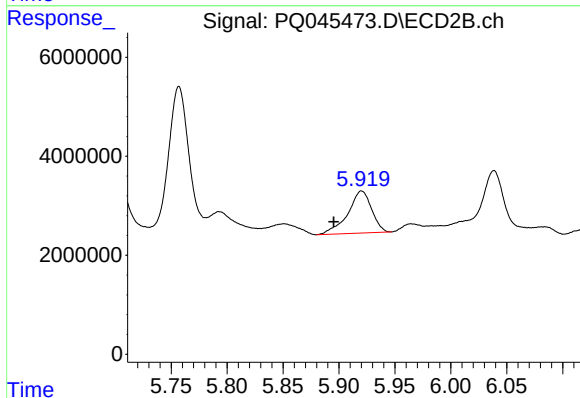
R.T.: 5.792 min
Delta R.T.: -0.010 min
Response: 7556999
Conc: 167.70 ng/ml



#19 AR-1242-4

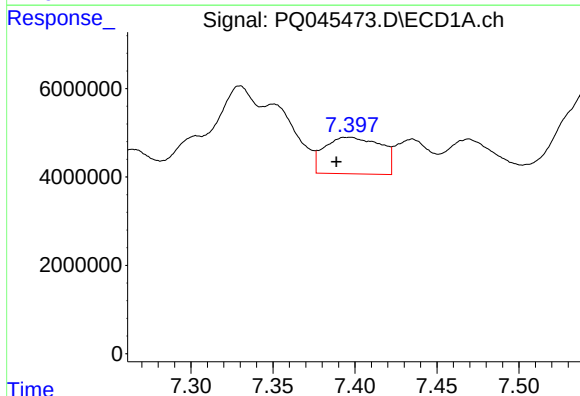
R.T.: 6.579 min
Delta R.T.: -0.029 min
Response: 28743483
Conc: 357.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



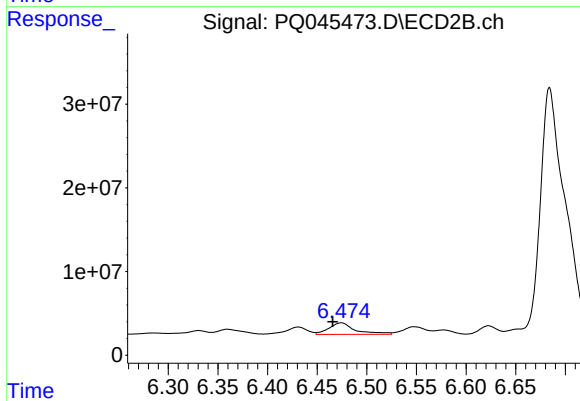
#19 AR-1242-4

R.T.: 5.920 min
Delta R.T.: 0.025 min
Response: 12594382
Conc: 259.47 ng/ml



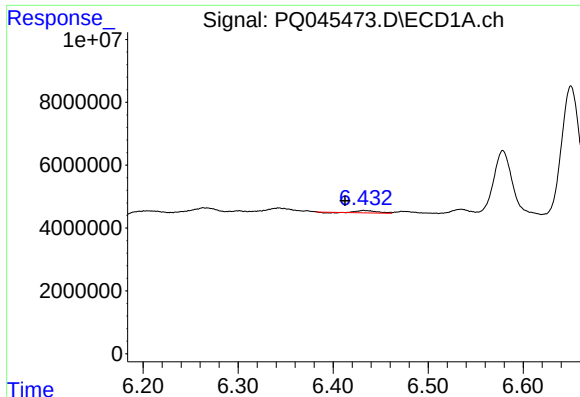
#20 AR-1242-5

R.T.: 7.397 min
Delta R.T.: 0.008 min
Response: 19725387
Conc: 210.20 ng/ml



#20 AR-1242-5

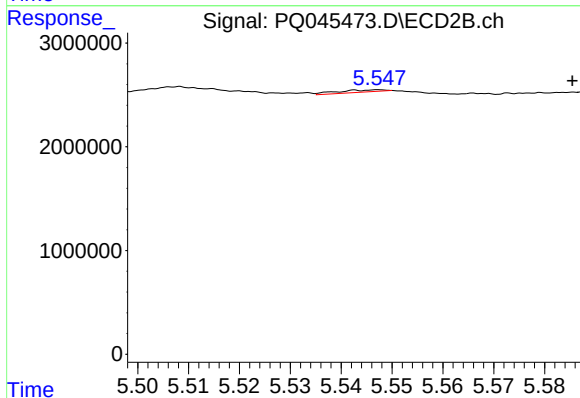
R.T.: 6.474 min
Delta R.T.: 0.009 min
Response: 25318857
Conc: 364.84 ng/ml



#21 AR-1248-1

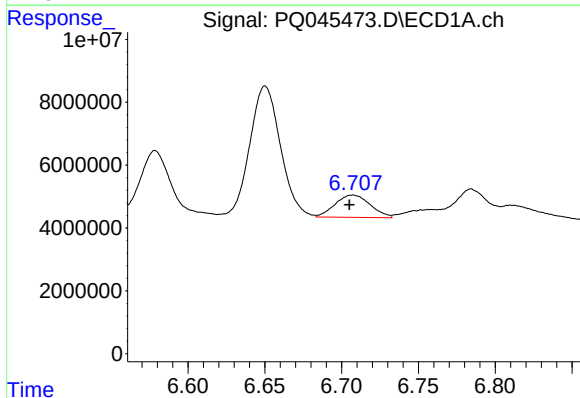
R.T.: 6.432 min
Delta R.T.: 0.020 min
Response: 1016393
Conc: 12.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



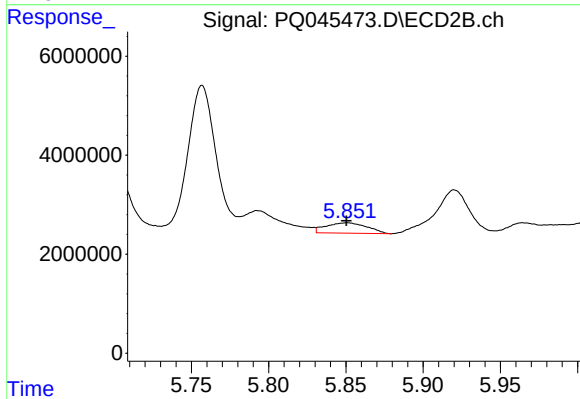
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: -0.038 min
Response: 142379
Conc: 3.08 ng/ml



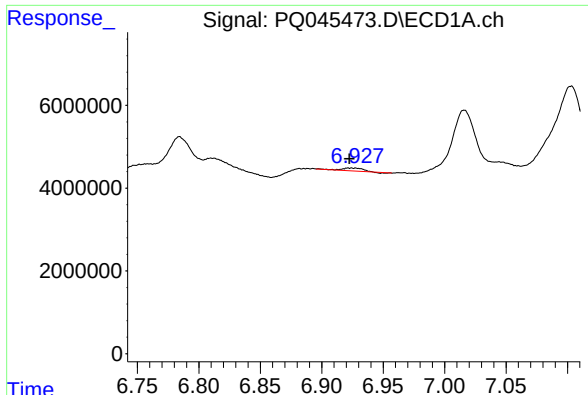
#22 AR-1248-2

R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 11323782
Conc: 89.10 ng/ml



#22 AR-1248-2

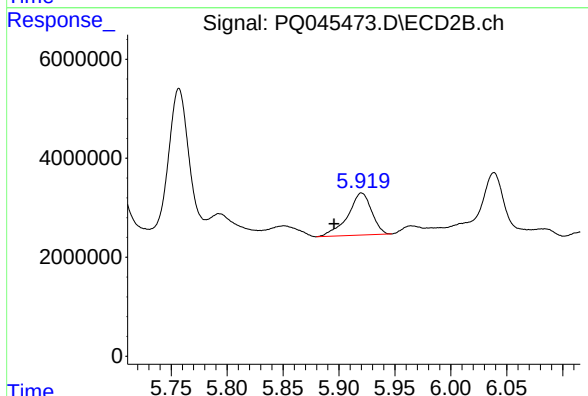
R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 3869757
Conc: 57.41 ng/ml



#23 AR-1248-3

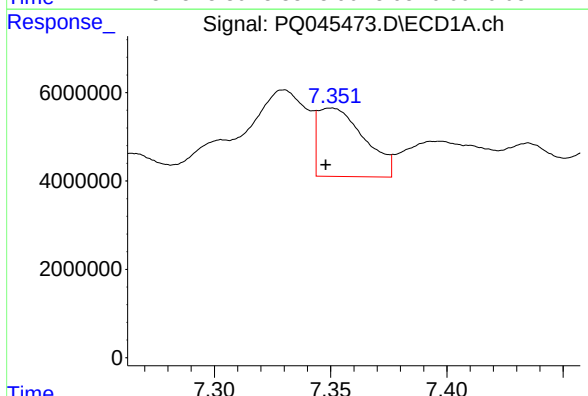
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 782179
Conc: 5.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



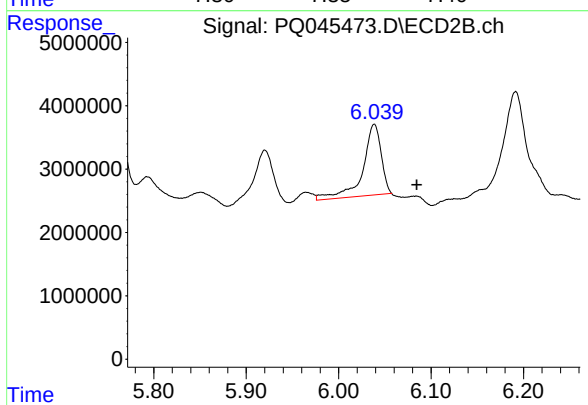
#23 AR-1248-3

R.T.: 5.920 min
Delta R.T.: 0.024 min
Response: 12594382
Conc: 177.35 ng/ml



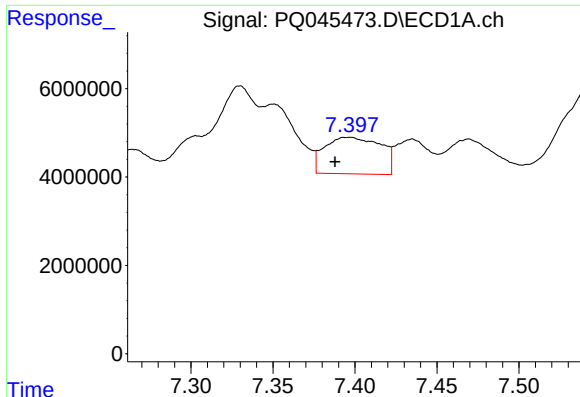
#24 AR-1248-4

R.T.: 7.350 min
Delta R.T.: 0.002 min
Response: 21551230
Conc: 132.73 ng/ml



#24 AR-1248-4

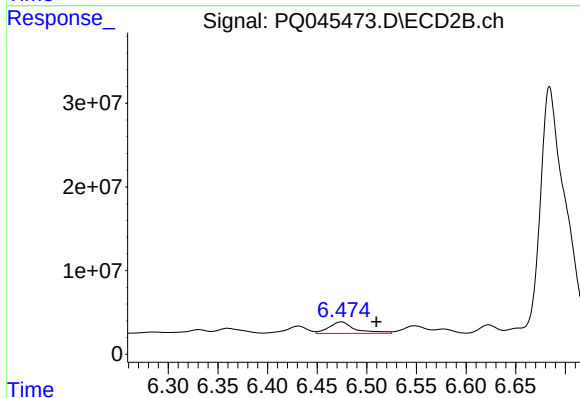
R.T.: 6.039 min
Delta R.T.: -0.046 min
Response: 15459222
Conc: 177.74 ng/ml



#25 AR-1248-5

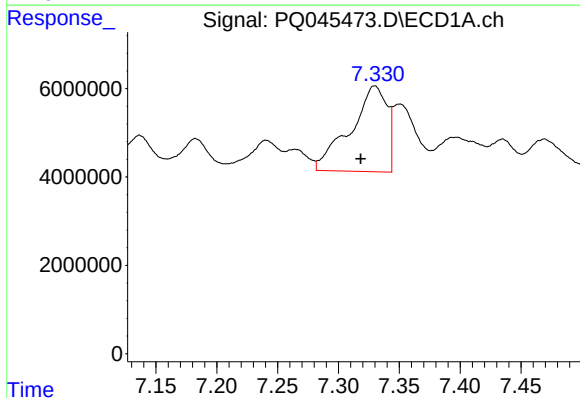
R.T.: 7.397 min
Delta R.T.: 0.009 min
Response: 19725387
Conc: 125.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



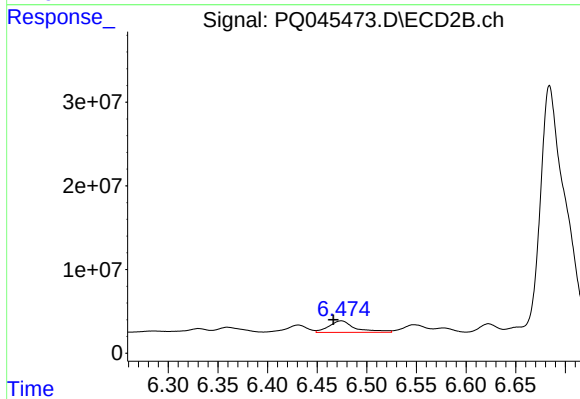
#25 AR-1248-5

R.T.: 6.474 min
Delta R.T.: -0.035 min
Response: 25318857
Conc: 267.81 ng/ml



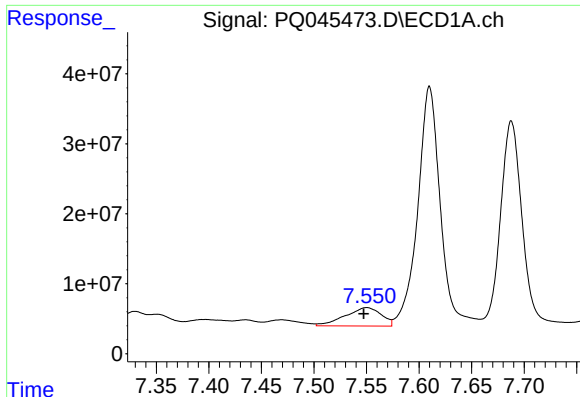
#26 AR-1254-1

R.T.: 7.330 min
Delta R.T.: 0.011 min
Response: 40661660
Conc: 247.16 ng/ml



#26 AR-1254-1

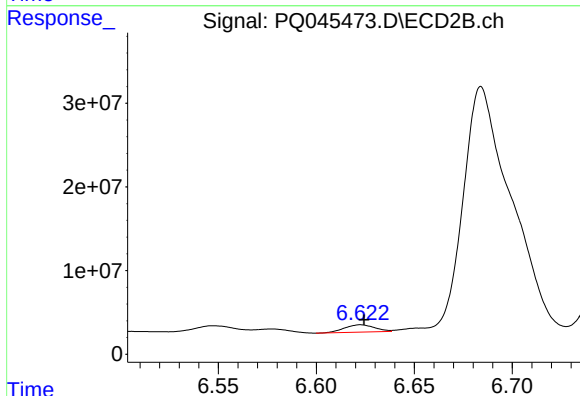
R.T.: 6.474 min
Delta R.T.: 0.008 min
Response: 25318857
Conc: 174.46 ng/ml



#27 AR-1254-2

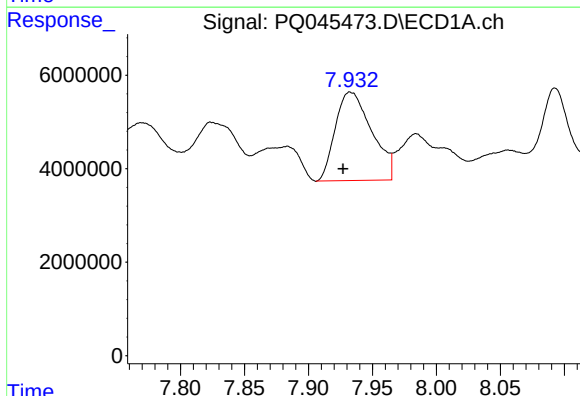
R.T.: 7.550 min
Delta R.T.: 0.003 min
Response: 62640455
Conc: 238.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



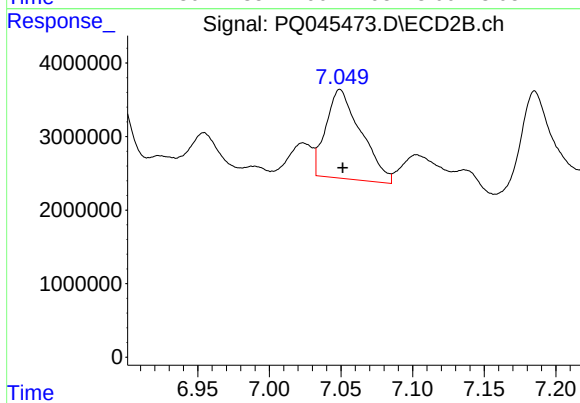
#27 AR-1254-2

R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 9353606
Conc: 69.91 ng/ml



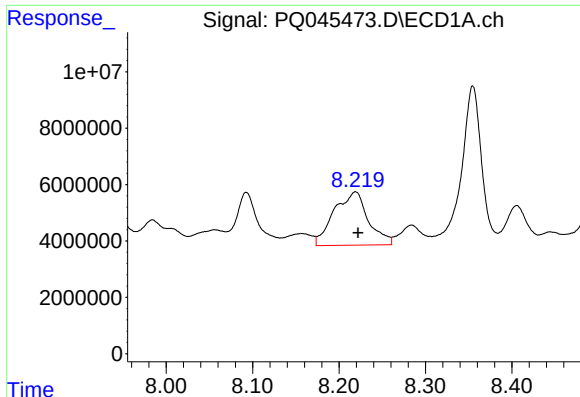
#28 AR-1254-3

R.T.: 7.933 min
Delta R.T.: 0.006 min
Response: 37493147
Conc: 131.14 ng/ml



#28 AR-1254-3

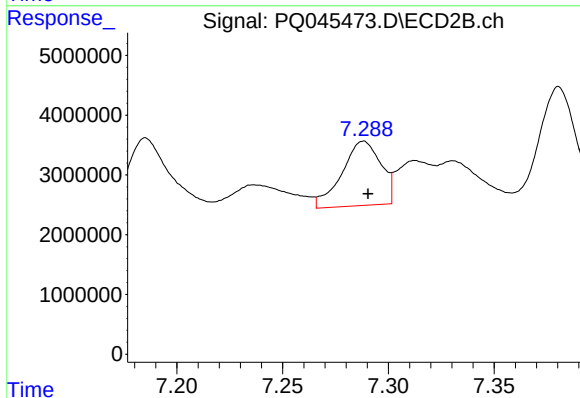
R.T.: 7.049 min
Delta R.T.: -0.002 min
Response: 20559840
Conc: 85.77 ng/ml



#29 AR-1254-4

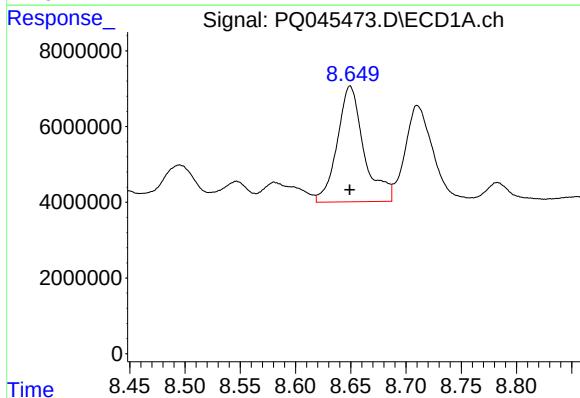
R.T.: 8.219 min
Delta R.T.: -0.003 min
Response: 52160712
Conc: 240.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



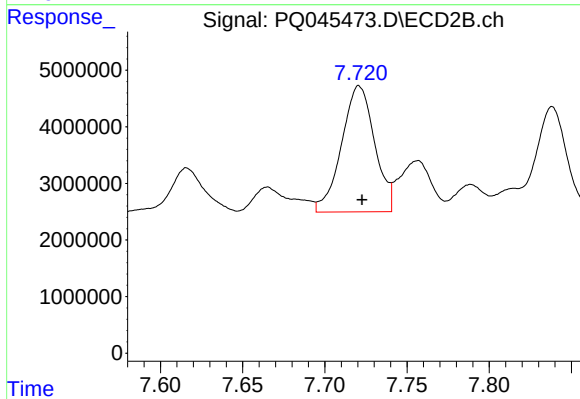
#29 AR-1254-4

R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 13792830
Conc: 82.61 ng/ml



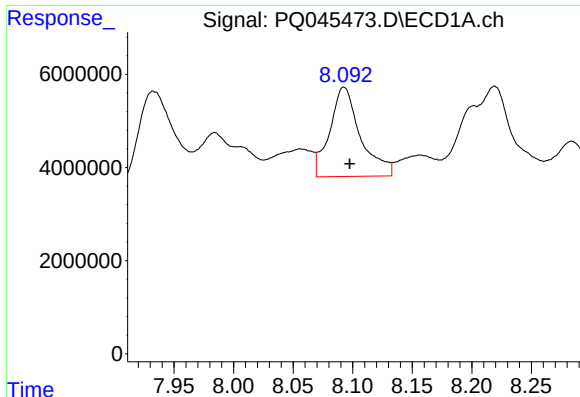
#30 AR-1254-5

R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 51331871
Conc: 208.60 ng/ml



#30 AR-1254-5

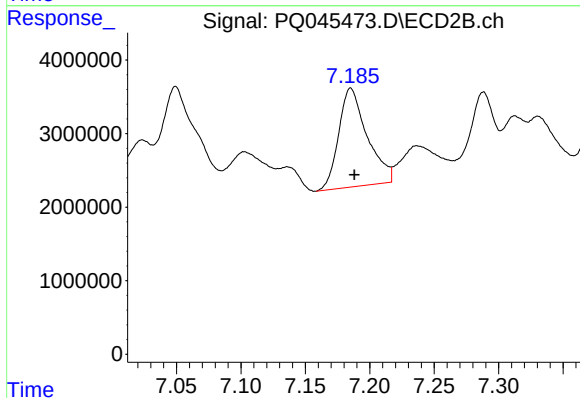
R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 31185005
Conc: 121.02 ng/ml



#31 AR-1260-1

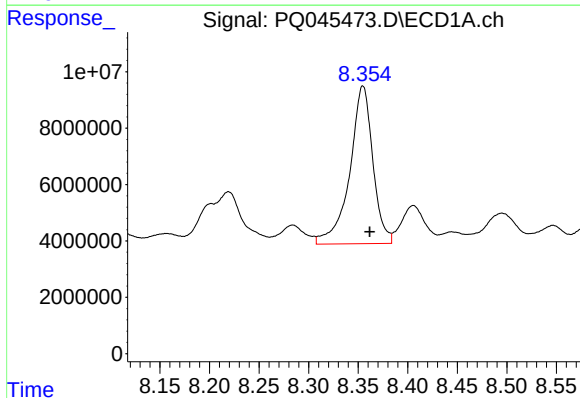
R.T.: 8.093 min
Delta R.T.: -0.005 min
Response: 34497151
Conc: 161.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



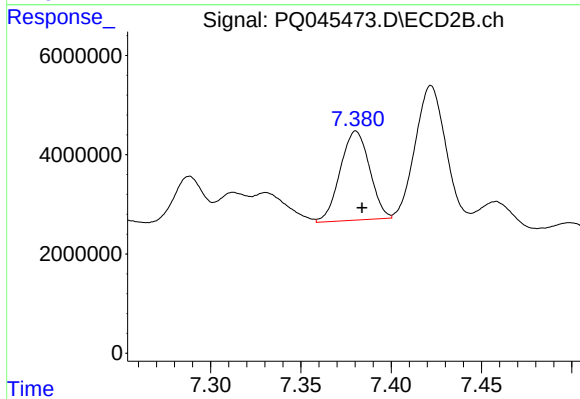
#31 AR-1260-1

R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 20673958
Conc: 135.06 ng/ml



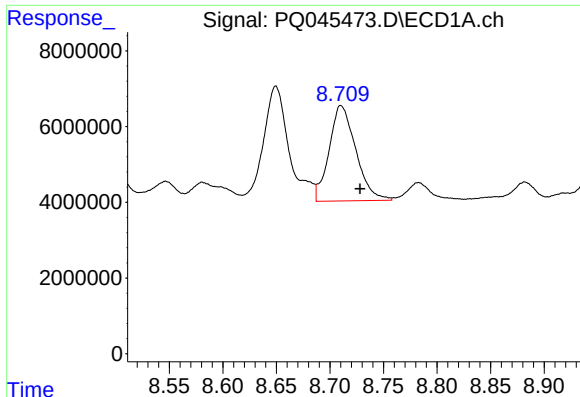
#32 AR-1260-2

R.T.: 8.355 min
Delta R.T.: -0.007 min
Response: 90784621
Conc: 372.55 ng/ml



#32 AR-1260-2

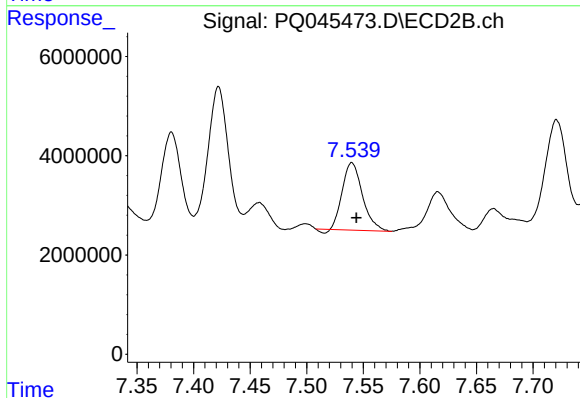
R.T.: 7.380 min
Delta R.T.: -0.003 min
Response: 20334272
Conc: 101.79 ng/ml



#33 AR-1260-3

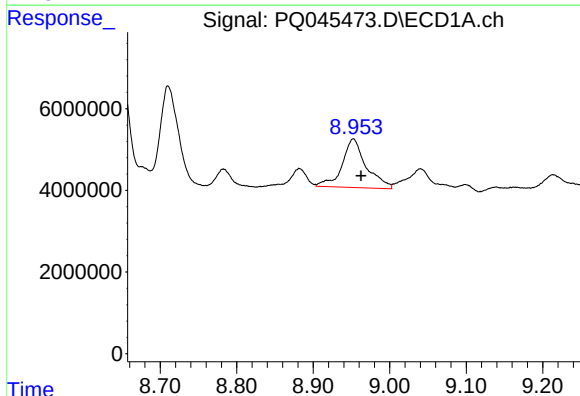
R.T.: 8.710 min
Delta R.T.: -0.018 min
Response: 43731450
Conc: 220.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



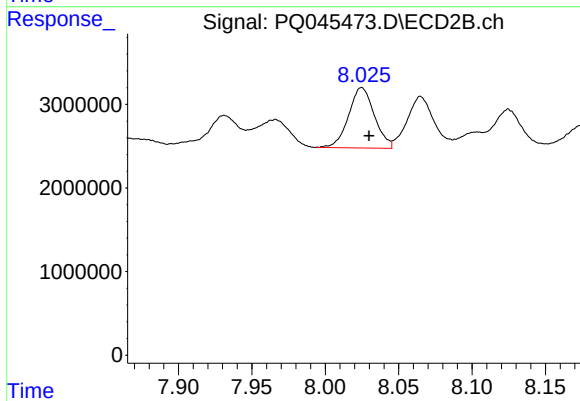
#33 AR-1260-3

R.T.: 7.540 min
Delta R.T.: -0.004 min
Response: 16651874
Conc: 90.51 ng/ml



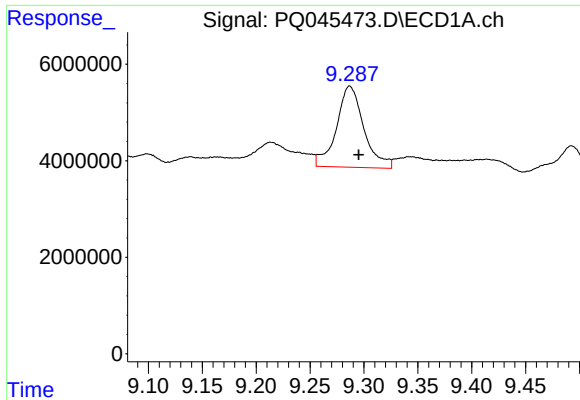
#34 AR-1260-4

R.T.: 8.952 min
Delta R.T.: -0.010 min
Response: 26020001
Conc: 113.82 ng/ml



#34 AR-1260-4

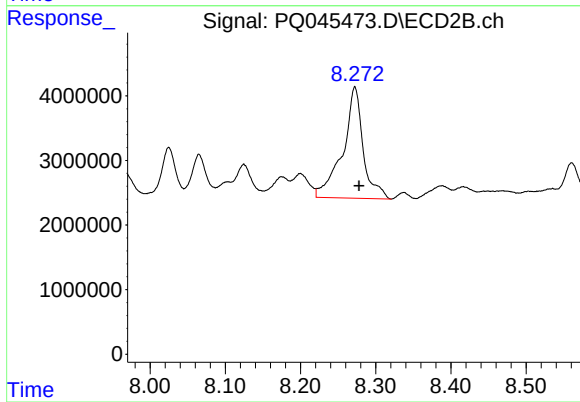
R.T.: 8.025 min
Delta R.T.: -0.005 min
Response: 8831450
Conc: 48.68 ng/ml



#35 AR-1260-5

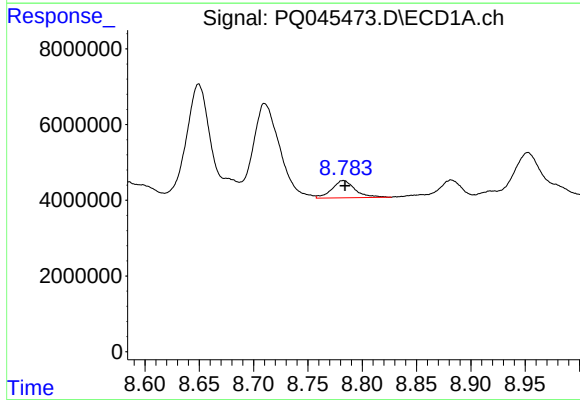
R.T.: 9.287 min
Delta R.T.: -0.008 min
Response: 29761440
Conc: 57.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



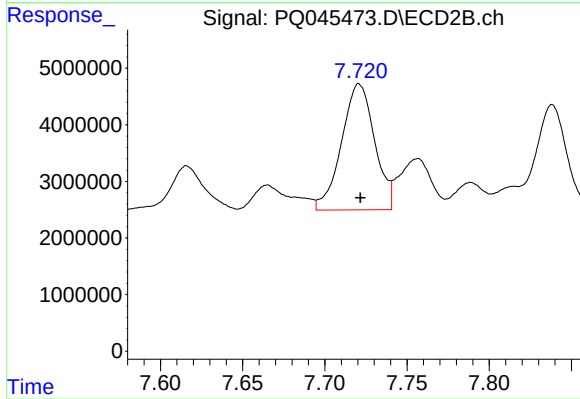
#35 AR-1260-5

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 32492601
Conc: 63.51 ng/ml



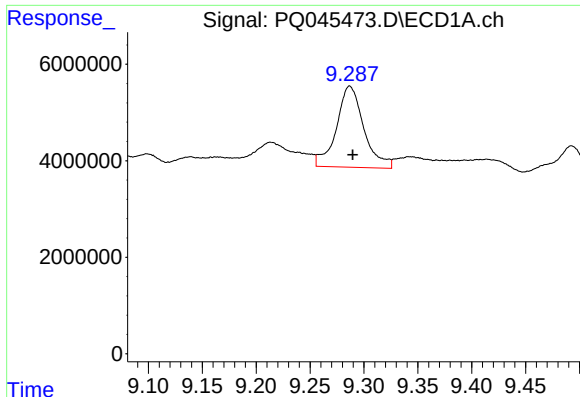
#36 AR-1262-1

R.T.: 8.783 min
Delta R.T.: -0.001 min
Response: 6819324
Conc: 49.32 ng/ml



#36 AR-1262-1

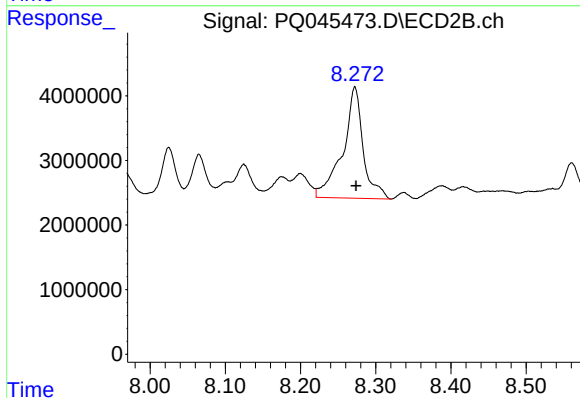
R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 31185005
Conc: 213.77 ng/ml



#37 AR-1262-2

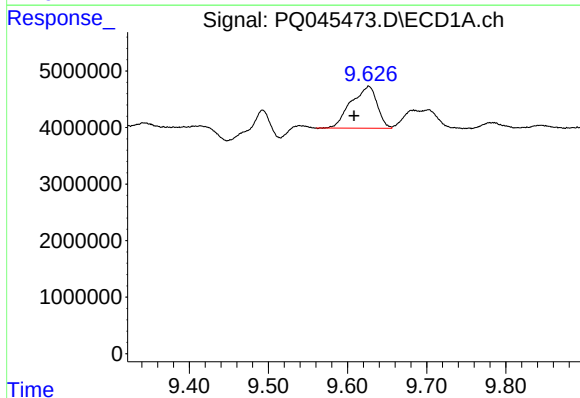
R.T.: 9.287 min
Delta R.T.: -0.003 min
Response: 29761440
Conc: 45.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



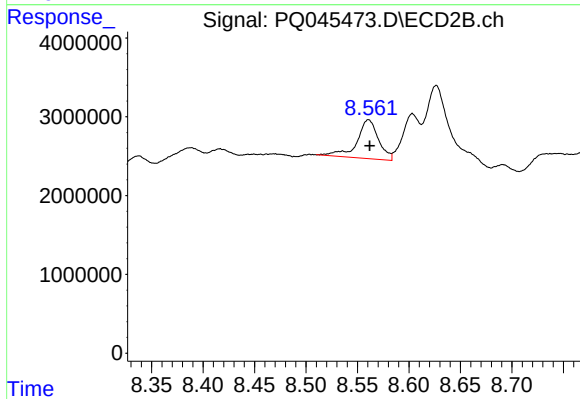
#37 AR-1262-2

R.T.: 8.272 min
Delta R.T.: -0.002 min
Response: 32492601
Conc: 49.94 ng/ml



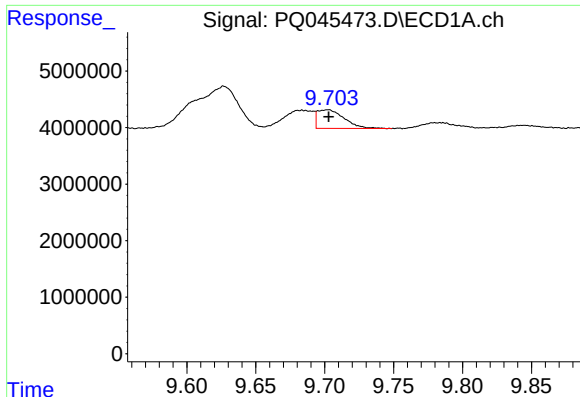
#38 AR-1262-3

R.T.: 9.627 min
Delta R.T.: 0.019 min
Response: 16928185
Conc: 37.00 ng/ml



#38 AR-1262-3

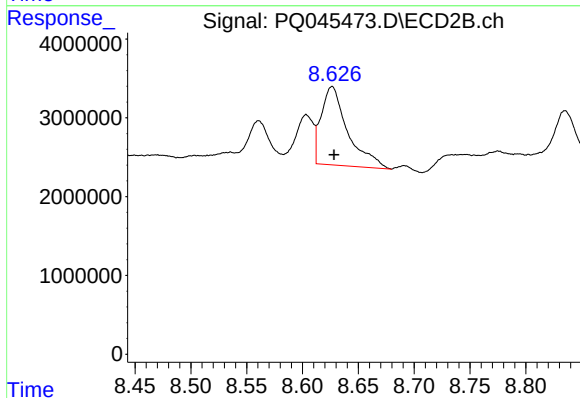
R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 7221863
Conc: 27.11 ng/ml



#39 AR-1262-4

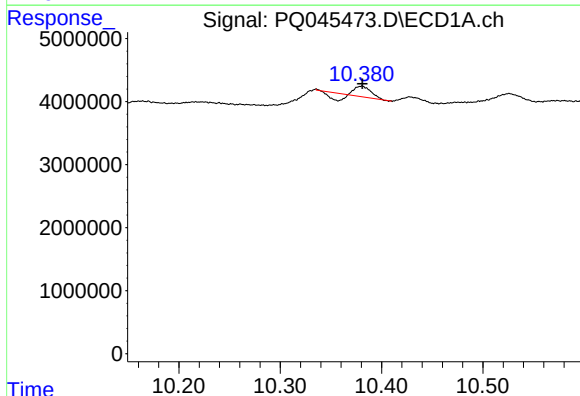
R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 4446291
Conc: 12.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



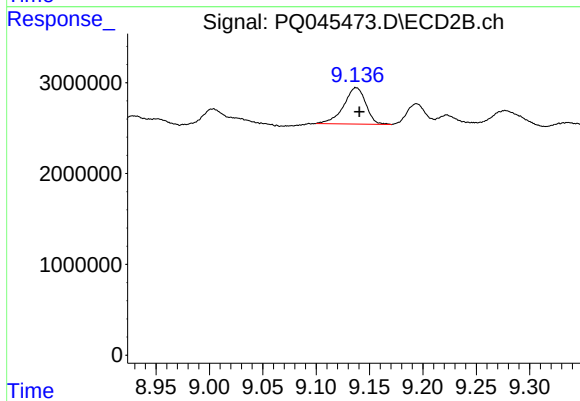
#39 AR-1262-4

R.T.: 8.626 min
Delta R.T.: -0.002 min
Response: 16464024
Conc: 31.45 ng/ml



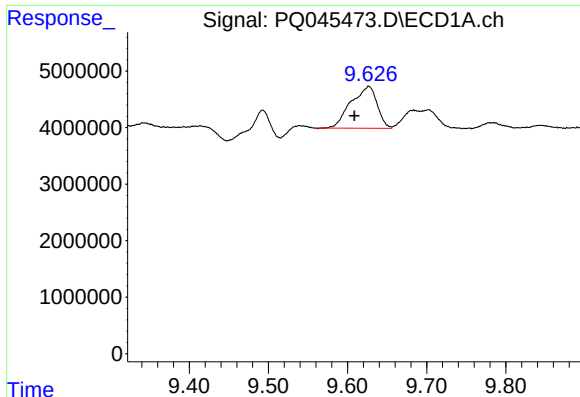
#40 AR-1262-5

R.T.: 10.380 min
Delta R.T.: 0.000 min
Response: 982722
Conc: 3.45 ng/ml



#40 AR-1262-5

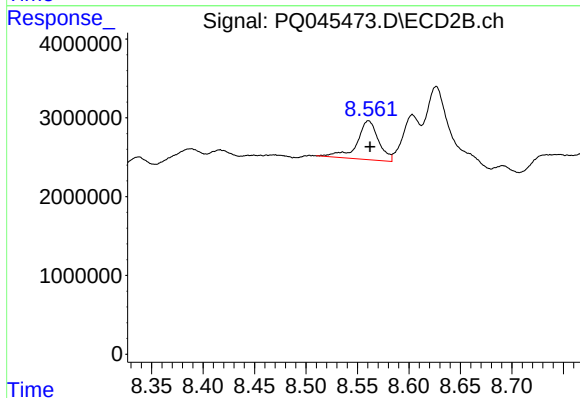
R.T.: 9.137 min
Delta R.T.: -0.003 min
Response: 5789631
Conc: 21.05 ng/ml



#41 AR-1268-1

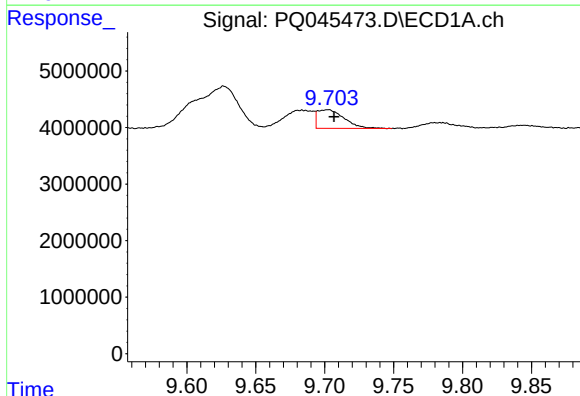
R.T.: 9.627 min
Delta R.T.: 0.018 min
Response: 16928185
Conc: 20.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



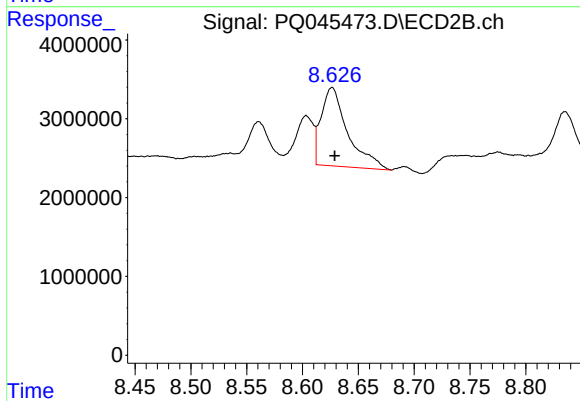
#41 AR-1268-1

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 7221863
Conc: 8.99 ng/ml



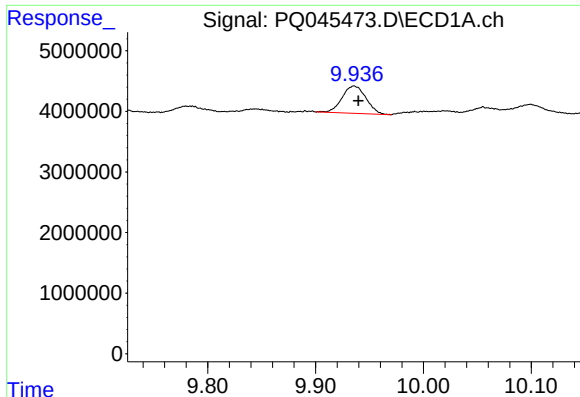
#42 AR-1268-2

R.T.: 9.702 min
Delta R.T.: -0.005 min
Response: 4446291
Conc: 5.38 ng/ml



#42 AR-1268-2

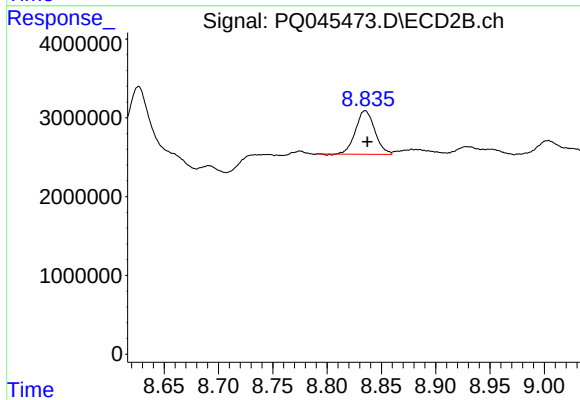
R.T.: 8.626 min
Delta R.T.: -0.003 min
Response: 16464024
Conc: 21.65 ng/ml



#43 AR-1268-3

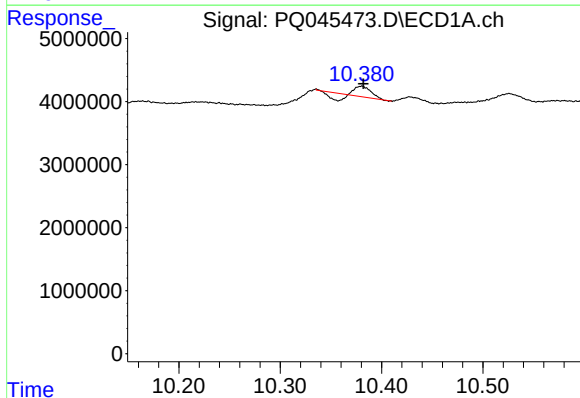
R.T.: 9.936 min
Delta R.T.: -0.004 min
Response: 6938592
Conc: 9.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



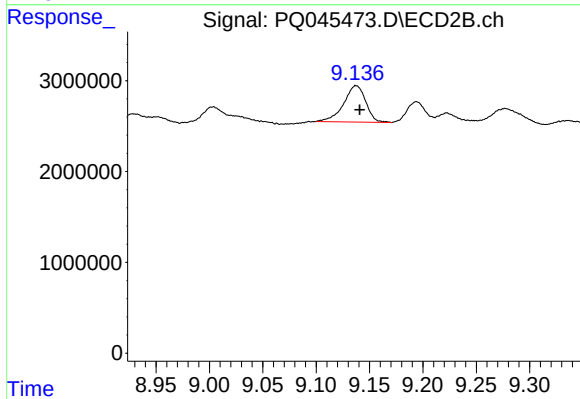
#43 AR-1268-3

R.T.: 8.835 min
Delta R.T.: -0.002 min
Response: 6815196
Conc: 10.91 ng/ml



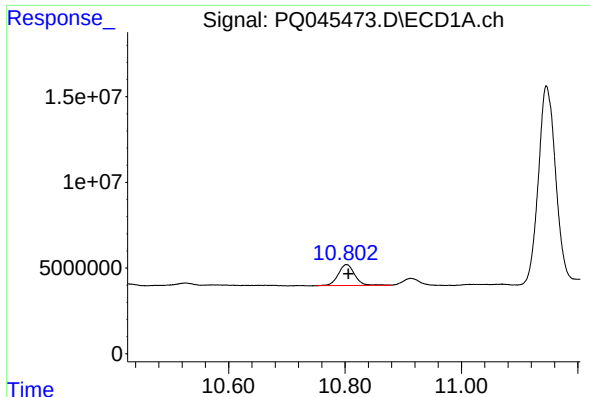
#44 AR-1268-4

R.T.: 10.380 min
Delta R.T.: -0.002 min
Response: 982722
Conc: 2.99 ng/ml



#44 AR-1268-4

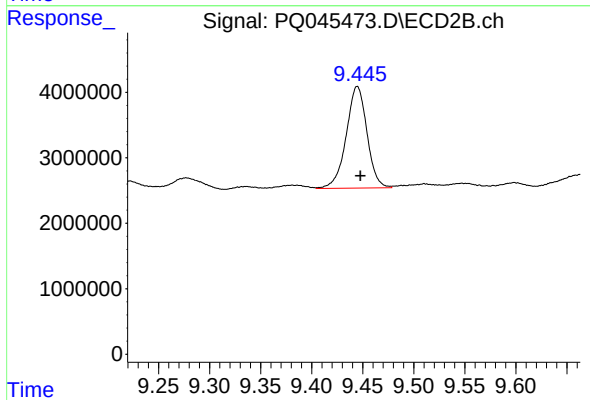
R.T.: 9.137 min
Delta R.T.: -0.003 min
Response: 5789631
Conc: 18.19 ng/ml



#45 AR-1268-5

R.T.: 10.803 min
Delta R.T.: -0.003 min
Response: 24010212
Conc: 8.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.445 min
Delta R.T.: -0.003 min
Response: 21997712
Conc: 9.12 ng/ml