

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112520\
 Data File : PQ051293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2020 14:32
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:56:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 05:59:02 2020
 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...	5.235	4.253	477.7E6	130.8E6	21.097	21.940
2)	SA Decachlor...	11.432	9.610	723.0E6	232.7E6	44.062	45.560
Target Compounds							
3)	L1 AR-1016-1	6.558	5.516	178.6E6	49803532	237.557	234.993
4)	L1 AR-1016-2	6.584	5.536	207.2E6	49392045	190.630	165.727
5)	L1 AR-1016-3	6.650	5.731	97306353	32445311	151.316	212.069 #
6)	L1 AR-1016-4	6.756	5.779	113.8E6	68858233	210.163	567.580 #
7)	L1 AR-1016-5	7.072	6.010	284.5E6	85313010	546.510	545.436
8)	L2 AR-1221-1	0.000	4.515	0	1465485	N.D.	23.820 #
9)	L2 AR-1221-2	5.591	4.610	7755658	2703010	50.522	63.193 #
10)	L2 AR-1221-3	5.672	4.702	13480973	3589232	25.795	24.473
11)	L3 AR-1232-1	5.672	4.702	13480973	3589232	31.629	30.145
12)	L3 AR-1232-2	6.264	5.536	71177253	49392045	316.693	396.521 #
13)	L3 AR-1232-3	6.584	5.731	207.2E6	32445311	446.210	511.273
14)	L3 AR-1232-4	6.756	5.825	113.8E6	71598756	490.895	1298.803 #
15)	L3 AR-1232-5	6.852	6.010	245.7E6	85313010	1469.942	1426.765
16)	L4 AR-1242-1	6.558	5.516	178.6E6	49803532	295.424	296.092
17)	L4 AR-1242-2	6.584	5.536	207.2E6	49392045	239.361	211.520
18)	L4 AR-1242-3	6.650	5.731	97306353	32445311	188.408	268.178 #
19)	L4 AR-1242-4	6.756	5.825	113.8E6	71598756	263.893	613.688 #
20)	L4 AR-1242-5	7.540	6.389	327.8E6	130.7E6	698.984	826.303
21)	L5 AR-1248-1	6.558	5.516	178.6E6	49803532	414.148	420.197
22)	L5 AR-1248-2	6.852	5.779	245.7E6	68858233	407.994	418.122
23)	L5 AR-1248-3	7.072	5.825	284.5E6	71598756	409.722	419.503
24)	L5 AR-1248-4	7.499	6.010	335.0E6	85313010	413.602	413.462
25)	L5 AR-1248-5	7.540	6.433	327.8E6	90747050	417.365	423.088
26)	L6 AR-1254-1	7.469	6.389	259.4E6	130.7E6	302.502	365.012
27)	L6 AR-1254-2	7.705	6.549	325.5E6	35504679	244.202	114.594 #
28)	L6 AR-1254-3	8.081	6.970	168.5E6	57185574	116.363	110.665
29)	L6 AR-1254-4	8.377	7.208	122.1E6	39430422	116.566	121.127
30)	L6 AR-1254-5	8.805	7.638	21700669	11811897	19.672	26.031 #
31)	L7 AR-1260-1	8.247	7.120	19166859	27387929	21.996	88.991 #
32)	L7 AR-1260-2	8.505	7.302	30315028	4957856	29.597	12.777 #
33)	L7 AR-1260-3	0.000	7.458	0	6539408	N.D.	18.102 #
34)	L7 AR-1260-4	9.115	7.944	11459082	754682	13.574	2.409 #
35)	L7 AR-1260-5	0.000	8.188	0	1971637	N.D.	2.510 #
36)	L8 AR-1262-1	0.000	7.638	0	11811897	N.D.	50.780 #
37)	L8 AR-1262-2	0.000	8.188	0	1971637	N.D.	2.291 #
38)	L8 AR-1262-3	0.000	8.470	0	792081	N.D.	2.527 #
39)	L8 AR-1262-4	0.000	8.538	0	1749037	N.D.	2.850 #
40)	L8 AR-1262-5	0.000	9.043	0	914022	N.D.	3.289 #
41)	L9 AR-1268-1	0.000	8.470	0	792081	N.D.	0.842 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112520\
Data File : PQ051293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2020 14:32
Operator : DD\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

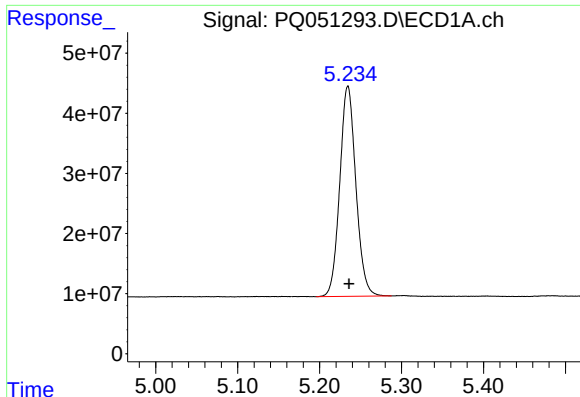
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 06:56:25 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 19 05:59:02 2020
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
42)	L9 AR-1268-2	0.000	8.538	0	1749037	N.D.	1.969 #
43)	L9 AR-1268-3	0.000	8.753	0	607095	N.D.	0.810 #
44)	L9 AR-1268-4	0.000	9.043	0	914022	N.D.	2.914 #
45)	L9 AR-1268-5	0.000	9.346	0	2219354	N.D.	0.912 #

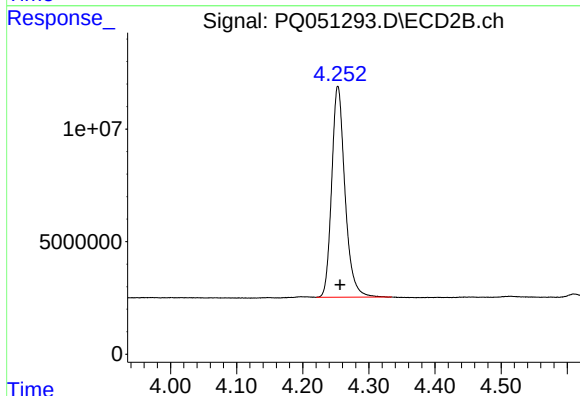
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

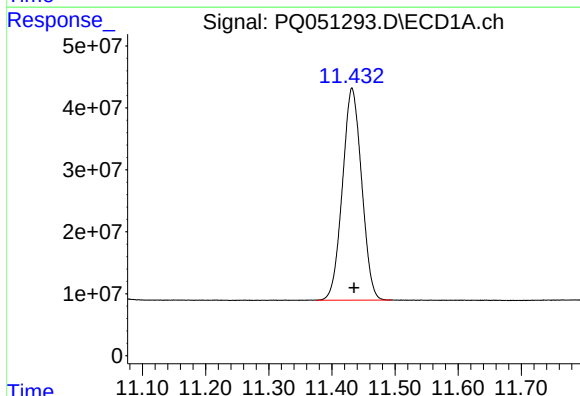
R.T.: 5.235 min
Delta R.T.: -0.001 min
Response: 477673324
Conc: 21.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



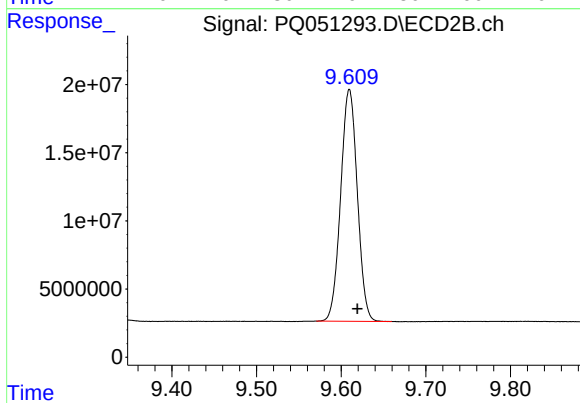
#1 Tetrachloro-m-xylene

R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 130805174
Conc: 21.94 ng/ml



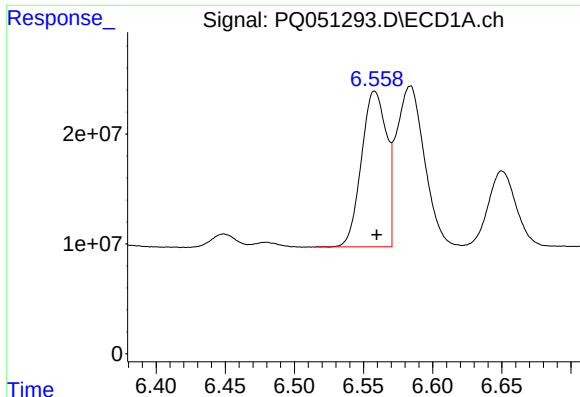
#2 Decachlorobiphenyl

R.T.: 11.432 min
Delta R.T.: -0.003 min
Response: 723023983
Conc: 44.06 ng/ml



#2 Decachlorobiphenyl

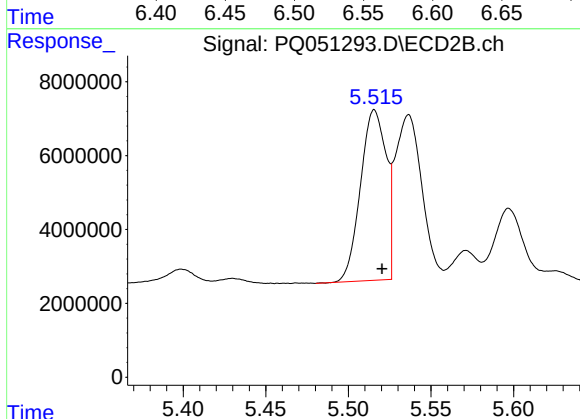
R.T.: 9.610 min
Delta R.T.: -0.010 min
Response: 232665835
Conc: 45.56 ng/ml



#3 AR-1016-1

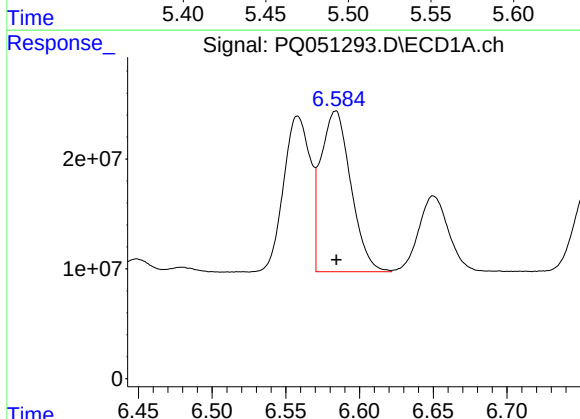
R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 178596618
Conc: 237.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



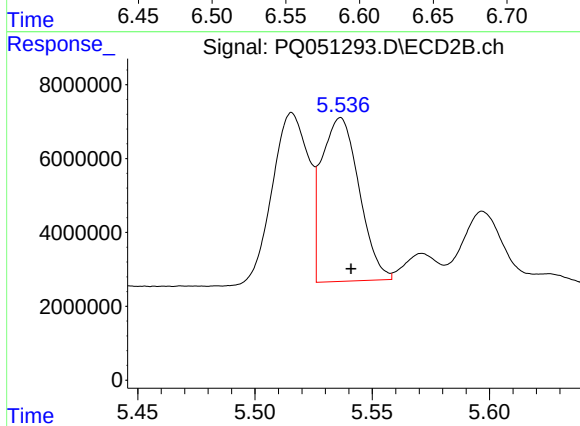
#3 AR-1016-1

R.T.: 5.516 min
Delta R.T.: -0.005 min
Response: 49803532
Conc: 234.99 ng/ml



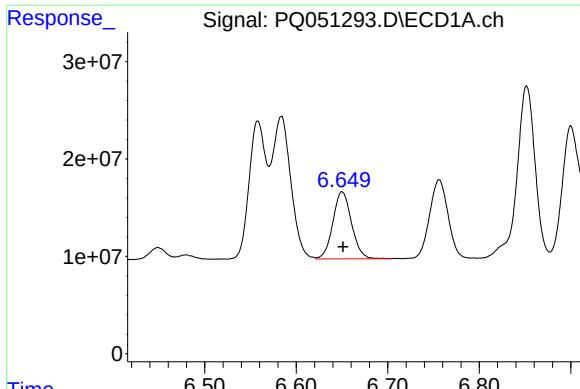
#4 AR-1016-2

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 207216527
Conc: 190.63 ng/ml



#4 AR-1016-2

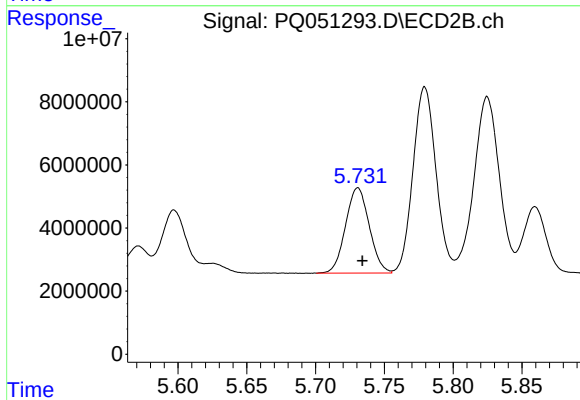
R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 49392045
Conc: 165.73 ng/ml



#5 AR-1016-3

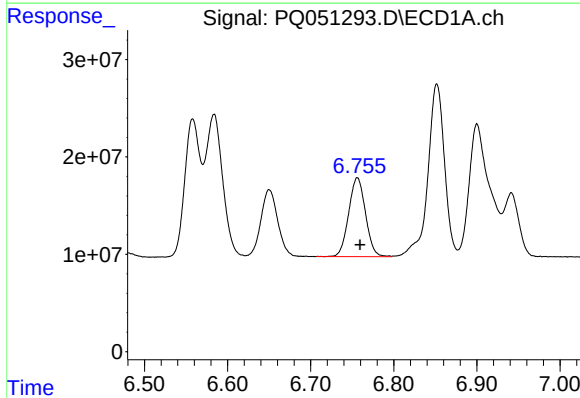
R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 97306353
Conc: 151.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



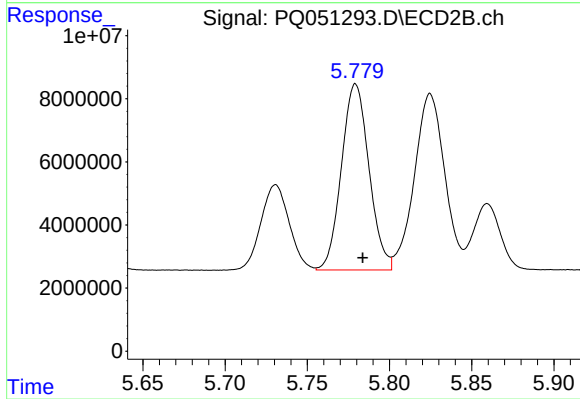
#5 AR-1016-3

R.T.: 5.731 min
Delta R.T.: -0.003 min
Response: 32445311
Conc: 212.07 ng/ml



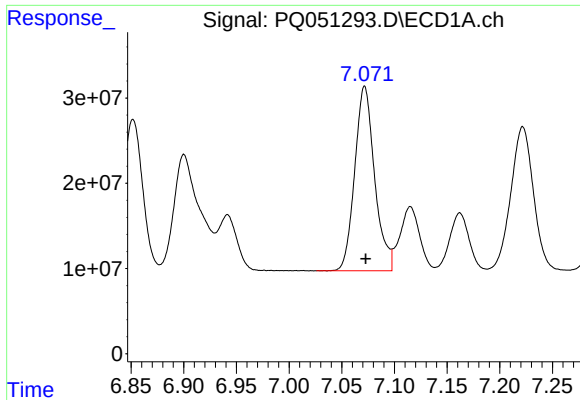
#6 AR-1016-4

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 113830764
Conc: 210.16 ng/ml



#6 AR-1016-4

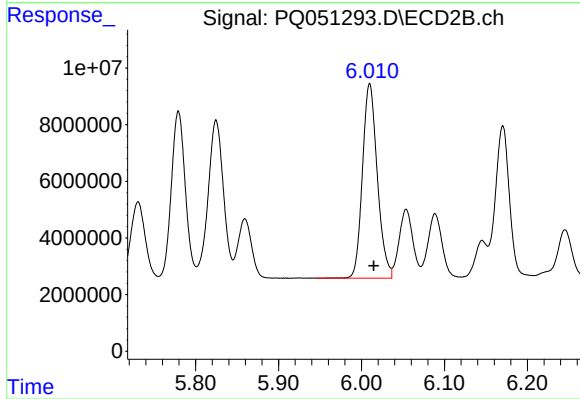
R.T.: 5.779 min
Delta R.T.: -0.004 min
Response: 68858233
Conc: 567.58 ng/ml



#7 AR-1016-5

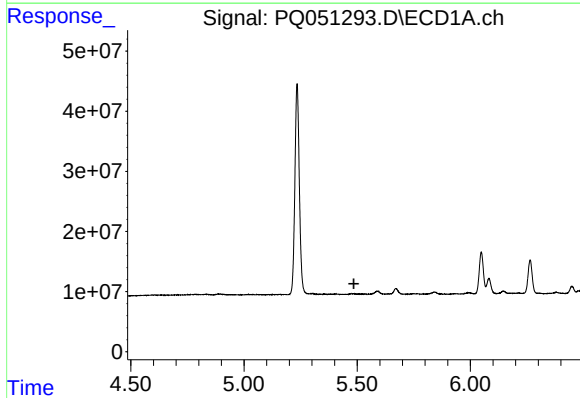
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 284506917
Conc: 546.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



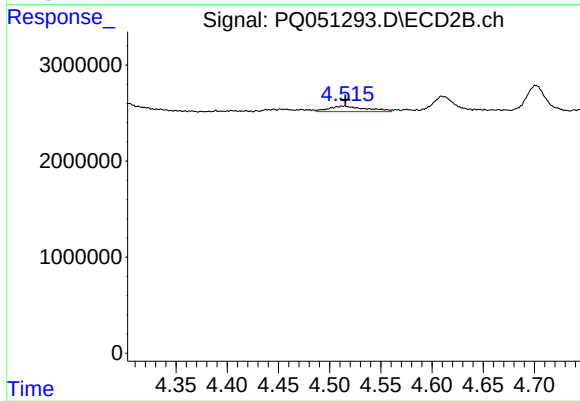
#7 AR-1016-5

R.T.: 6.010 min
Delta R.T.: -0.005 min
Response: 85313010
Conc: 545.44 ng/ml



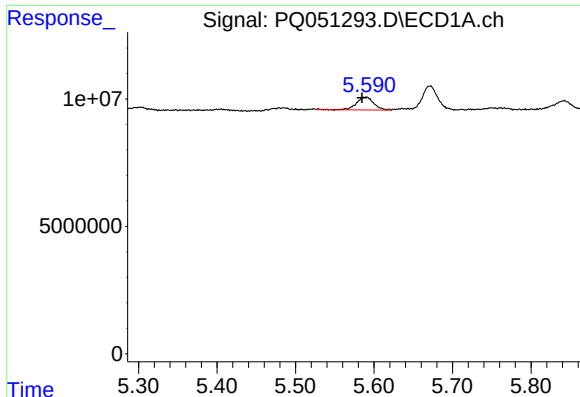
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.



#8 AR-1221-1

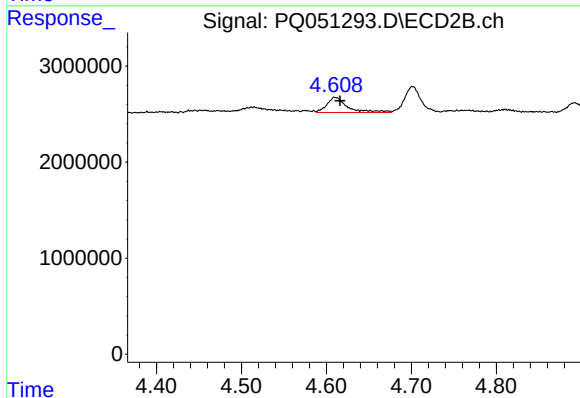
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 1465485
Conc: 23.82 ng/ml



#9 AR-1221-2

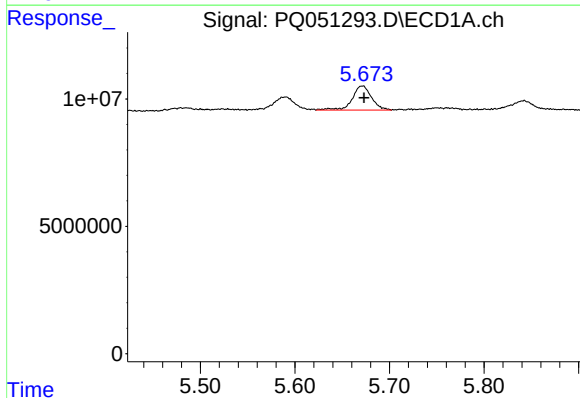
R.T.: 5.591 min
Delta R.T.: 0.006 min
Response: 7755658
Conc: 50.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



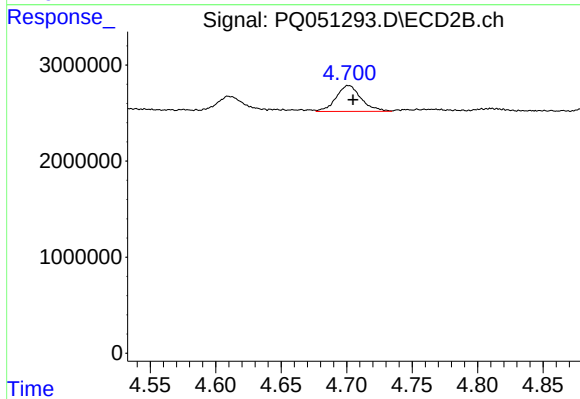
#9 AR-1221-2

R.T.: 4.610 min
Delta R.T.: -0.006 min
Response: 2703010
Conc: 63.19 ng/ml



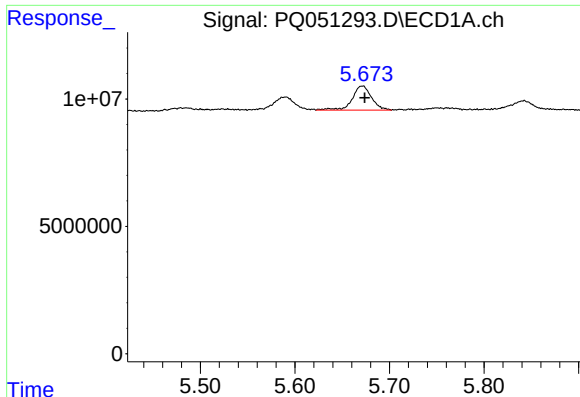
#10 AR-1221-3

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 13480973
Conc: 25.79 ng/ml



#10 AR-1221-3

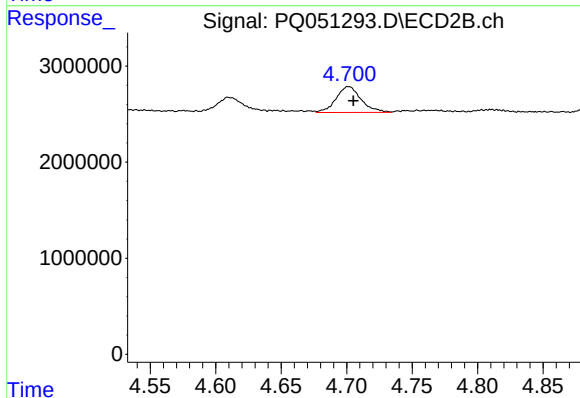
R.T.: 4.702 min
Delta R.T.: -0.003 min
Response: 3589232
Conc: 24.47 ng/ml



#11 AR-1232-1

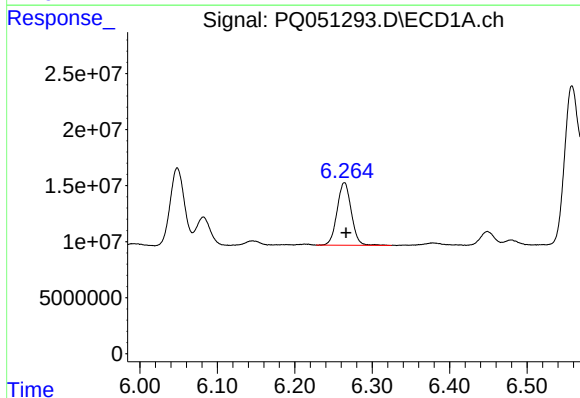
R.T.: 5.672 min
Delta R.T.: -0.001 min
Response: 13480973
Conc: 31.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



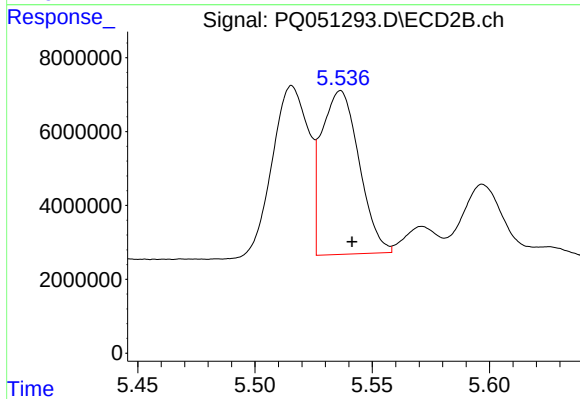
#11 AR-1232-1

R.T.: 4.702 min
Delta R.T.: -0.004 min
Response: 3589232
Conc: 30.15 ng/ml



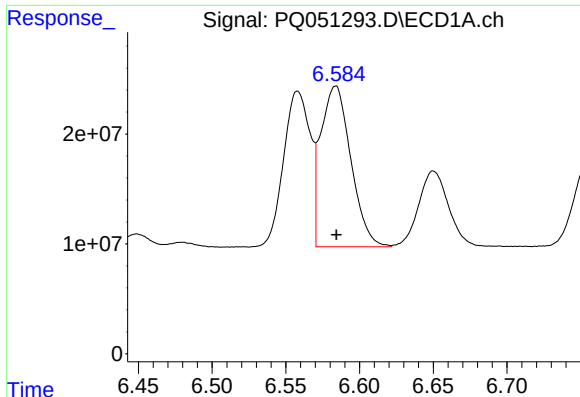
#12 AR-1232-2

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 71177253
Conc: 316.69 ng/ml



#12 AR-1232-2

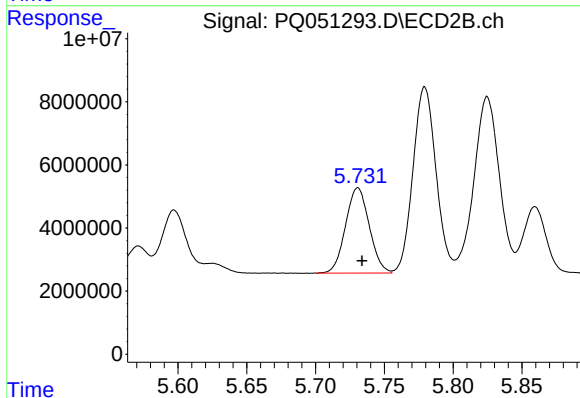
R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 49392045
Conc: 396.52 ng/ml



#13 AR-1232-3

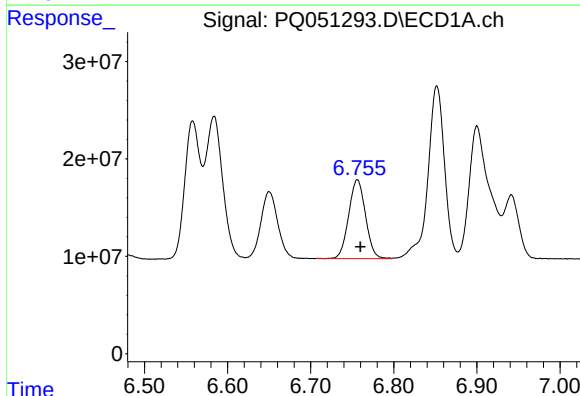
R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 207216527
Conc: 446.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



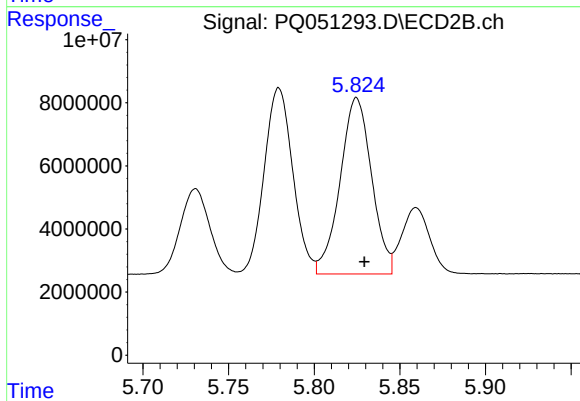
#13 AR-1232-3

R.T.: 5.731 min
Delta R.T.: -0.003 min
Response: 32445311
Conc: 511.27 ng/ml



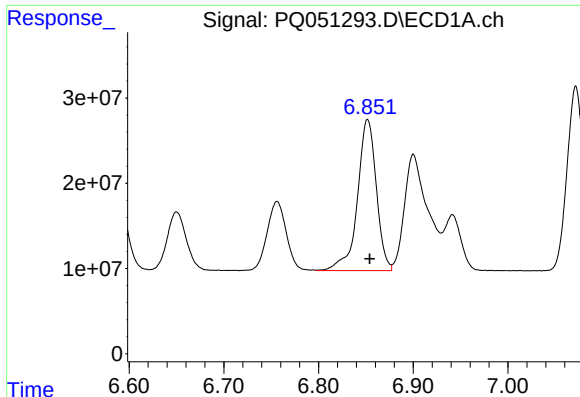
#14 AR-1232-4

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 113830764
Conc: 490.89 ng/ml



#14 AR-1232-4

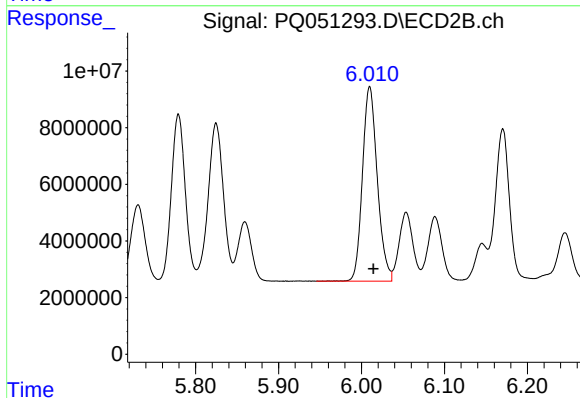
R.T.: 5.825 min
Delta R.T.: -0.004 min
Response: 71598756
Conc: 1298.80 ng/ml



#15 AR-1232-5

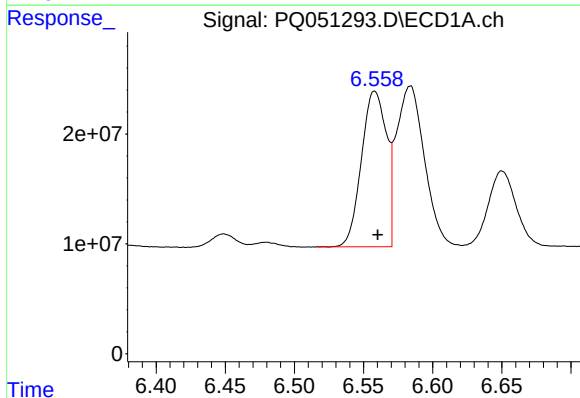
R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 245705319
Conc: 1469.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



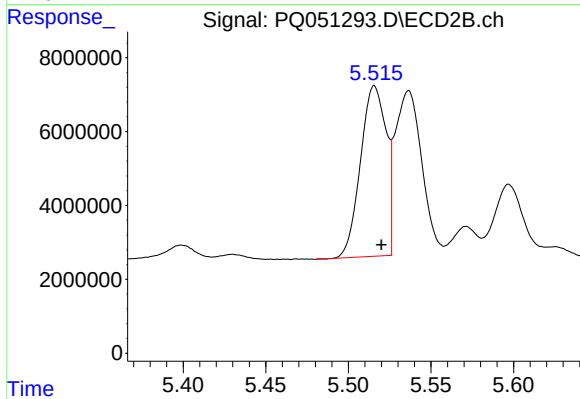
#15 AR-1232-5

R.T.: 6.010 min
Delta R.T.: -0.005 min
Response: 85313010
Conc: 1426.77 ng/ml



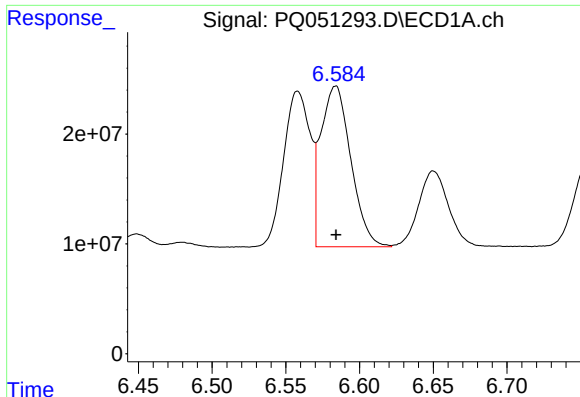
#16 AR-1242-1

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 178596618
Conc: 295.42 ng/ml



#16 AR-1242-1

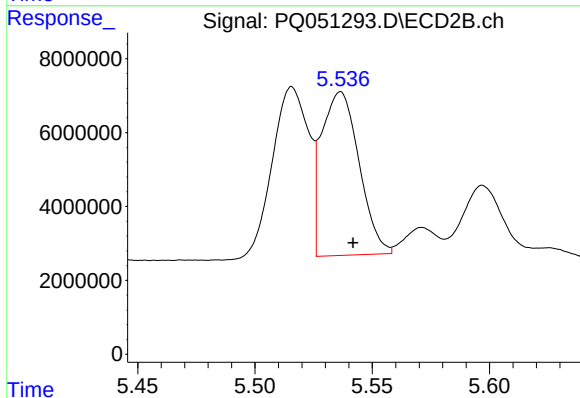
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 49803532
Conc: 296.09 ng/ml



#17 AR-1242-2

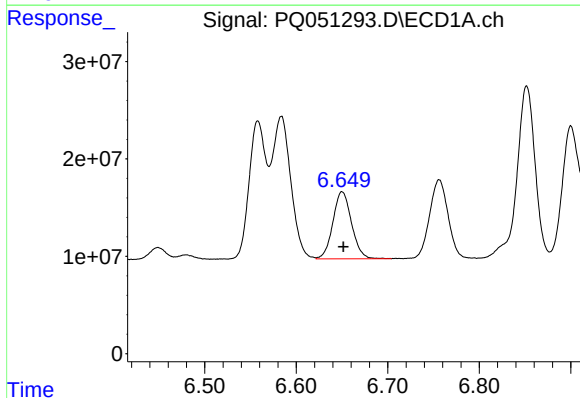
R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 207216527
Conc: 239.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



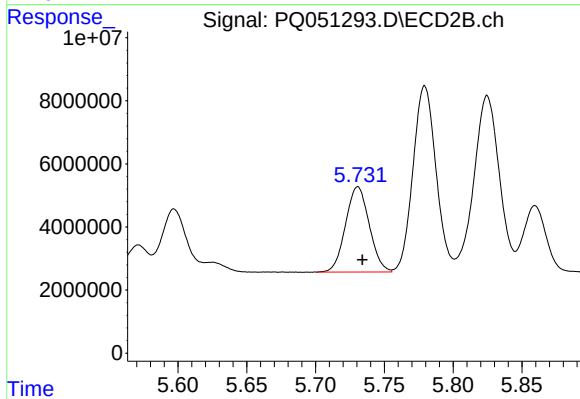
#17 AR-1242-2

R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 49392045
Conc: 211.52 ng/ml



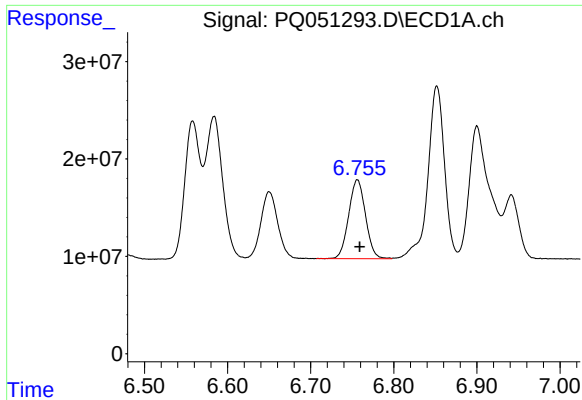
#18 AR-1242-3

R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 97306353
Conc: 188.41 ng/ml



#18 AR-1242-3

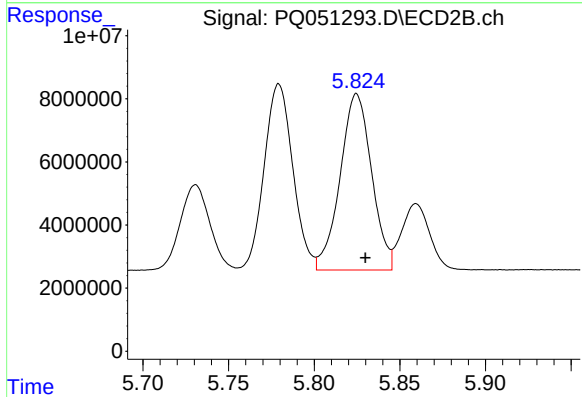
R.T.: 5.731 min
Delta R.T.: -0.003 min
Response: 32445311
Conc: 268.18 ng/ml



#19 AR-1242-4

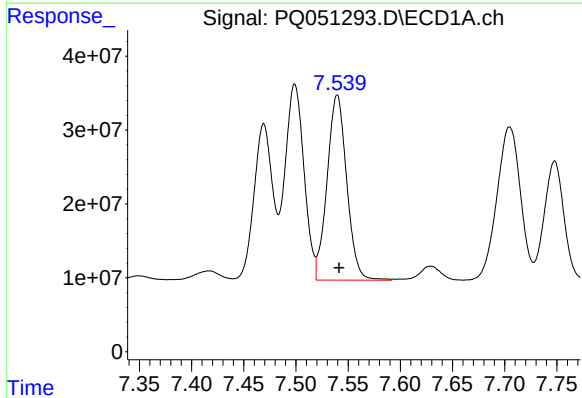
R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 113830764
Conc: 263.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



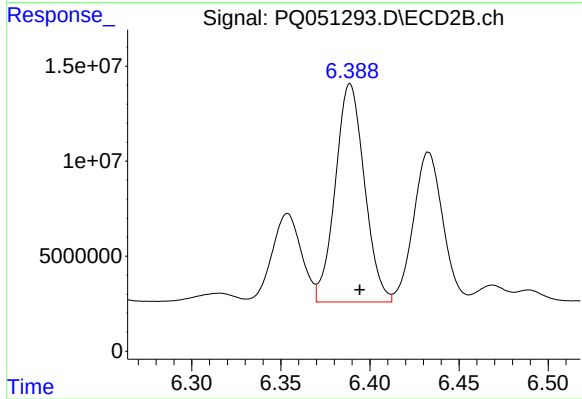
#19 AR-1242-4

R.T.: 5.825 min
Delta R.T.: -0.005 min
Response: 71598756
Conc: 613.69 ng/ml



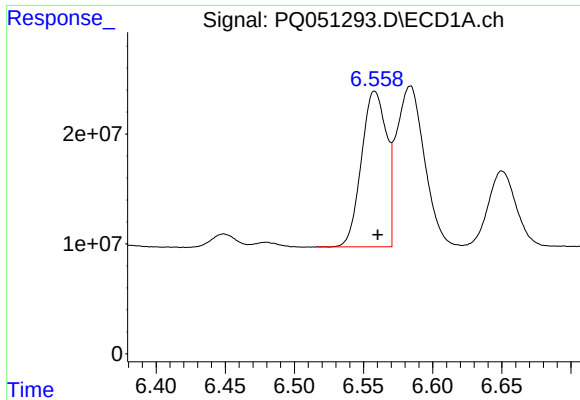
#20 AR-1242-5

R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 327841461
Conc: 698.98 ng/ml



#20 AR-1242-5

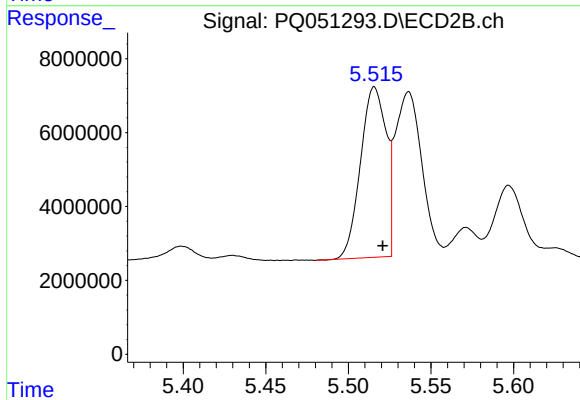
R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 130734331
Conc: 826.30 ng/ml



#21 AR-1248-1

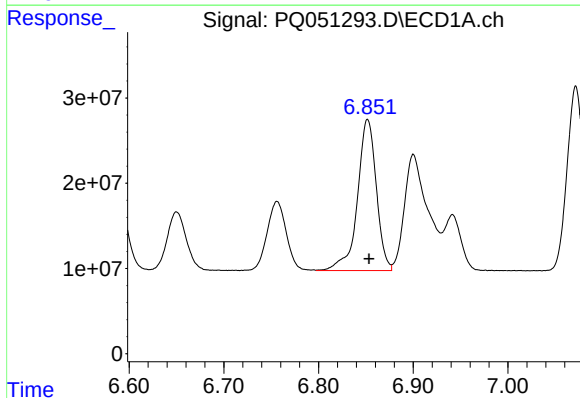
R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 178596618
Conc: 414.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



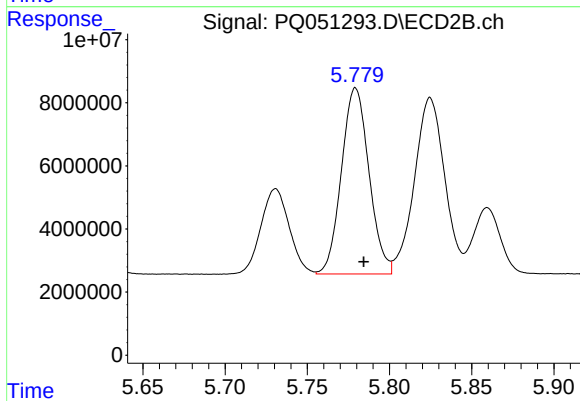
#21 AR-1248-1

R.T.: 5.516 min
Delta R.T.: -0.005 min
Response: 49803532
Conc: 420.20 ng/ml



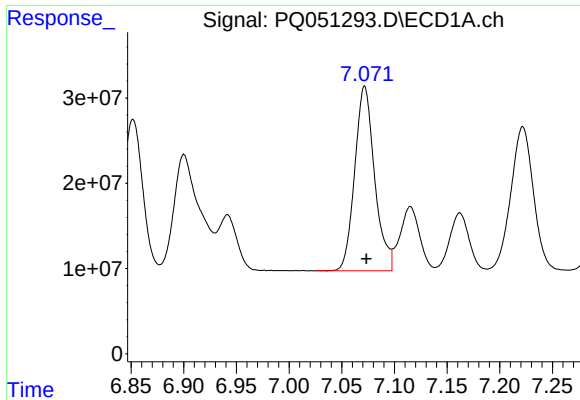
#22 AR-1248-2

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 245705319
Conc: 407.99 ng/ml



#22 AR-1248-2

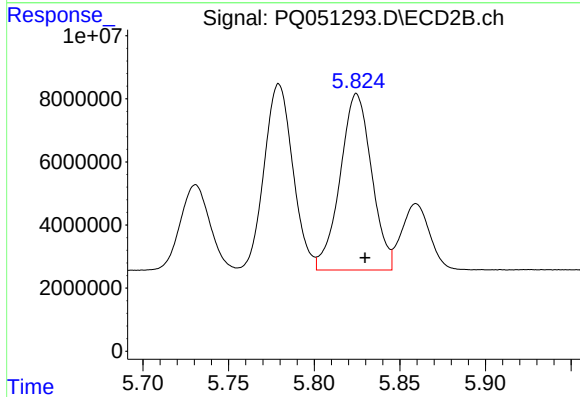
R.T.: 5.779 min
Delta R.T.: -0.005 min
Response: 68858233
Conc: 418.12 ng/ml



#23 AR-1248-3

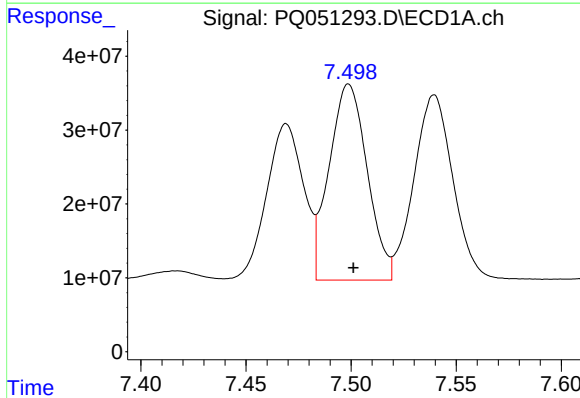
R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 284506917
Conc: 409.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



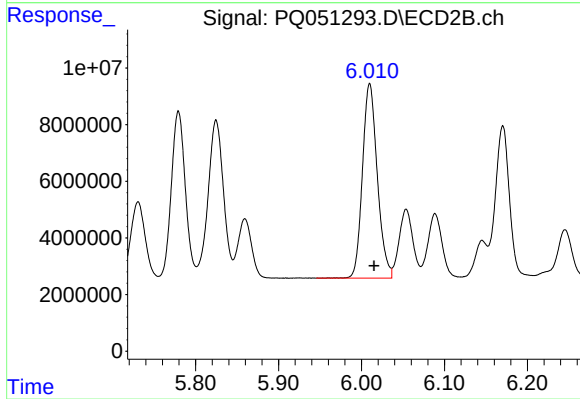
#23 AR-1248-3

R.T.: 5.825 min
Delta R.T.: -0.005 min
Response: 71598756
Conc: 419.50 ng/ml



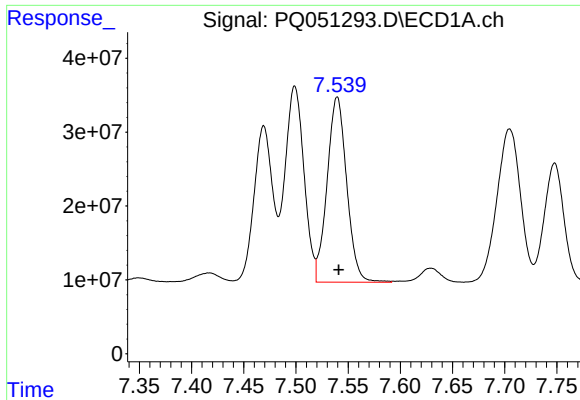
#24 AR-1248-4

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 335015447
Conc: 413.60 ng/ml



#24 AR-1248-4

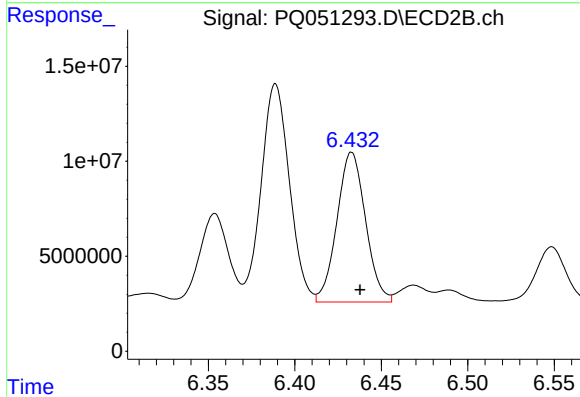
R.T.: 6.010 min
Delta R.T.: -0.005 min
Response: 85313010
Conc: 413.46 ng/ml



#25 AR-1248-5

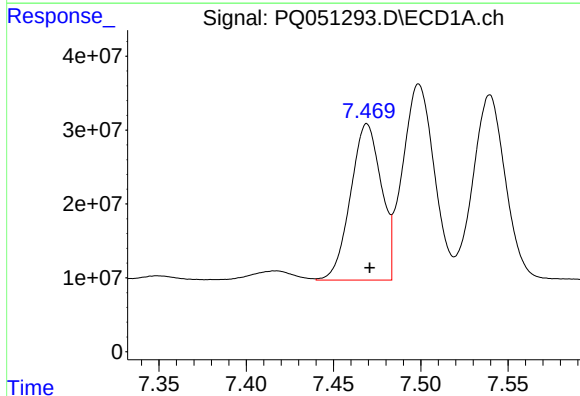
R.T.: 7.540 min
Delta R.T.: -0.001 min
Response: 327841461
Conc: 417.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



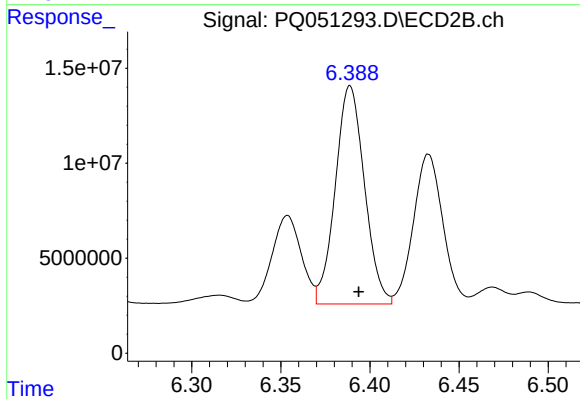
#25 AR-1248-5

R.T.: 6.433 min
Delta R.T.: -0.005 min
Response: 90747050
Conc: 423.09 ng/ml



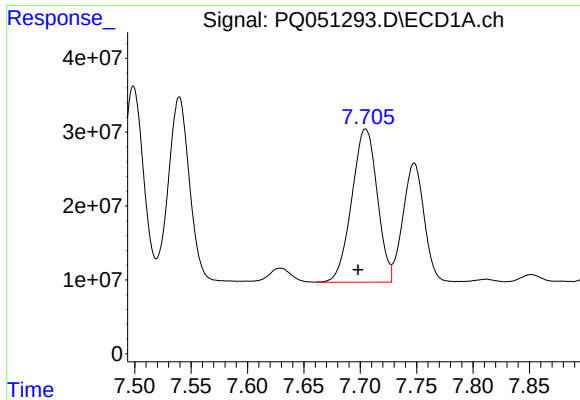
#26 AR-1254-1

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 259422402
Conc: 302.50 ng/ml



#26 AR-1254-1

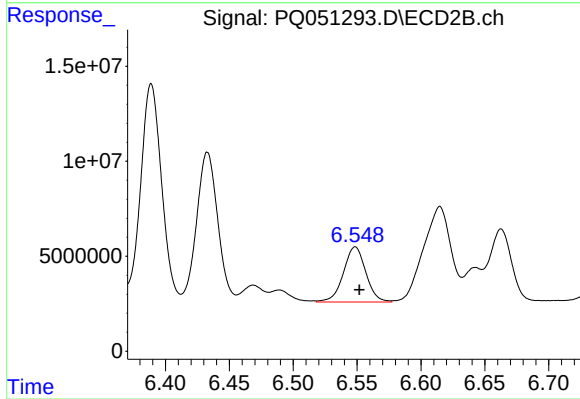
R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 130734331
Conc: 365.01 ng/ml



#27 AR-1254-2

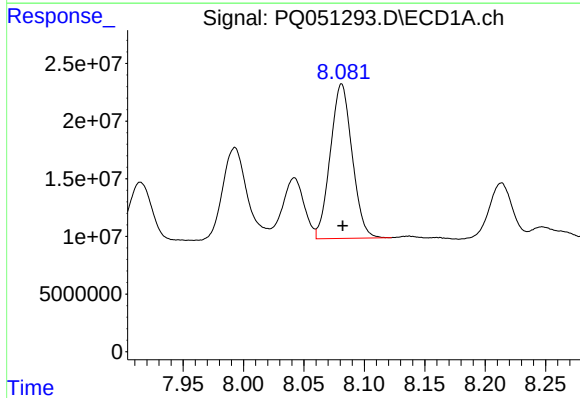
R.T.: 7.705 min
Delta R.T.: 0.006 min
Response: 325469202
Conc: 244.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



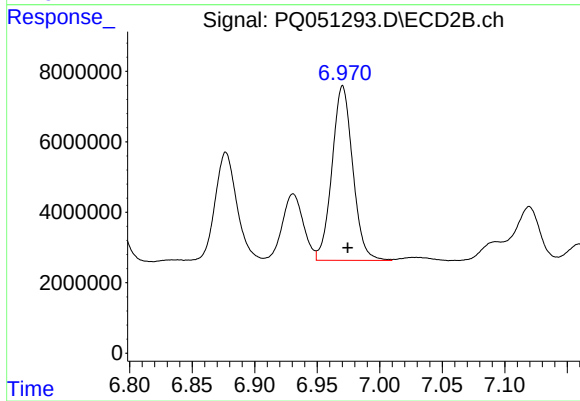
#27 AR-1254-2

R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 35504679
Conc: 114.59 ng/ml



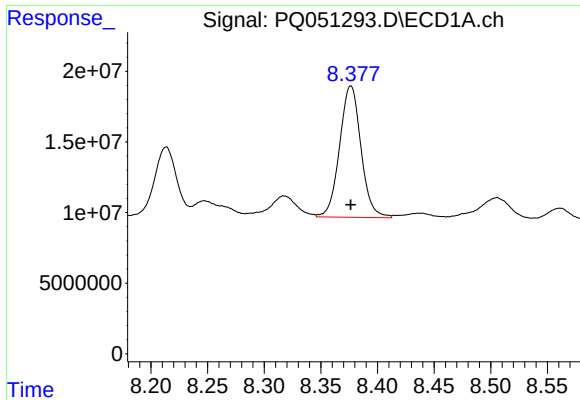
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 168513693
Conc: 116.36 ng/ml



#28 AR-1254-3

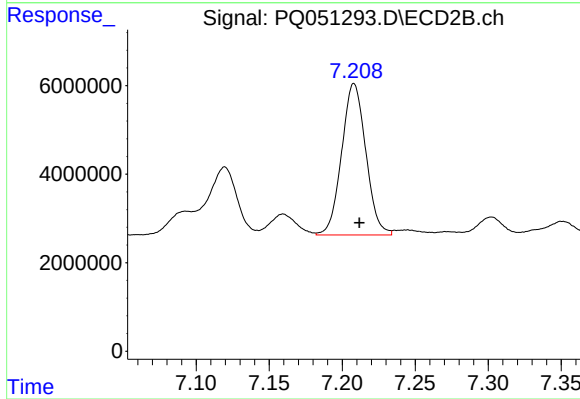
R.T.: 6.970 min
Delta R.T.: -0.004 min
Response: 57185574
Conc: 110.67 ng/ml



#29 AR-1254-4

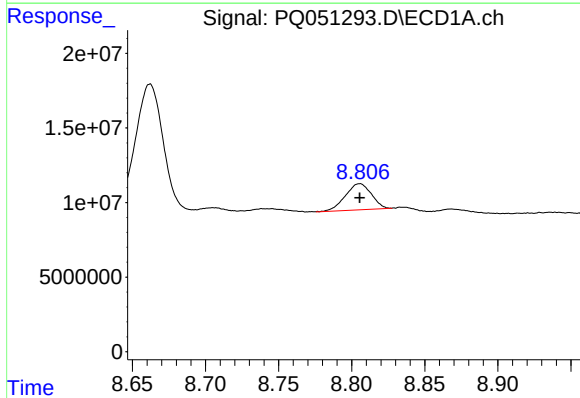
R.T.: 8.377 min
Delta R.T.: 0.000 min
Response: 122092310
Conc: 116.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



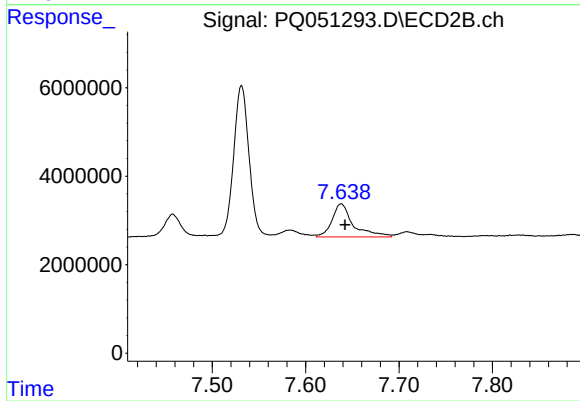
#29 AR-1254-4

R.T.: 7.208 min
Delta R.T.: -0.004 min
Response: 39430422
Conc: 121.13 ng/ml



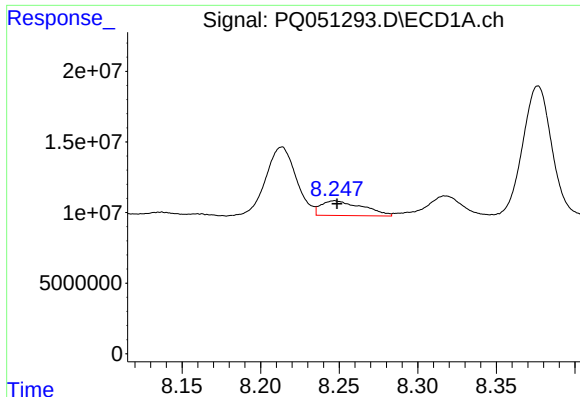
#30 AR-1254-5

R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 21700669
Conc: 19.67 ng/ml



#30 AR-1254-5

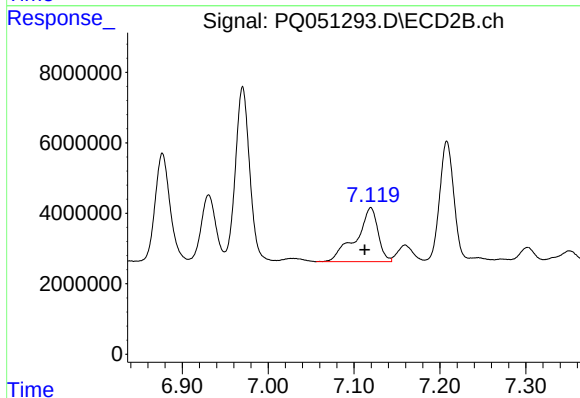
R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 11811897
Conc: 26.03 ng/ml



#31 AR-1260-1

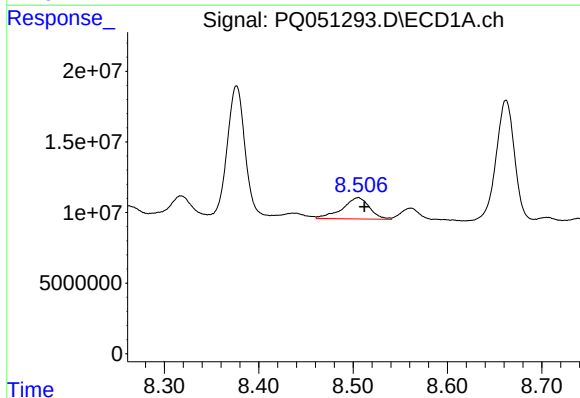
R.T.: 8.247 min
Delta R.T.: -0.002 min
Response: 19166859
Conc: 22.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



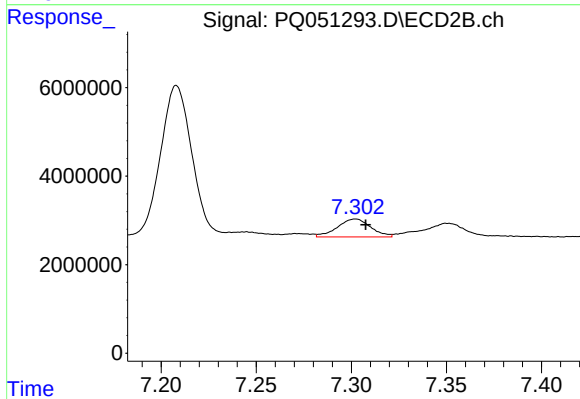
#31 AR-1260-1

R.T.: 7.120 min
Delta R.T.: 0.007 min
Response: 27387929
Conc: 88.99 ng/ml



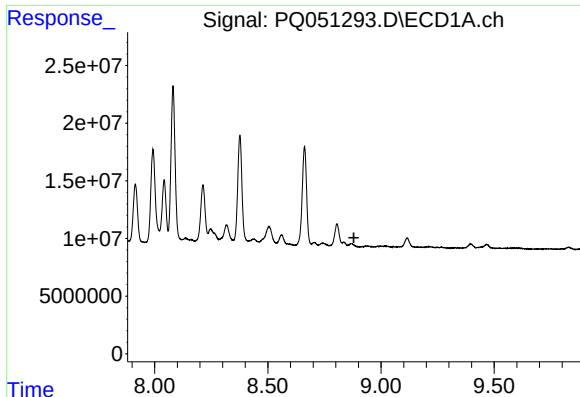
#32 AR-1260-2

R.T.: 8.505 min
Delta R.T.: -0.007 min
Response: 30315028
Conc: 29.60 ng/ml



#32 AR-1260-2

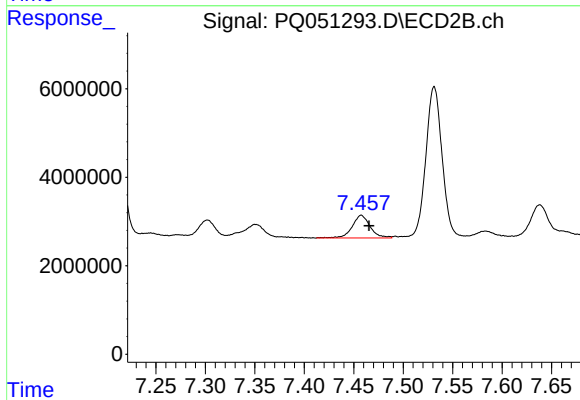
R.T.: 7.302 min
Delta R.T.: -0.005 min
Response: 4957856
Conc: 12.78 ng/ml



#33 AR-1260-3

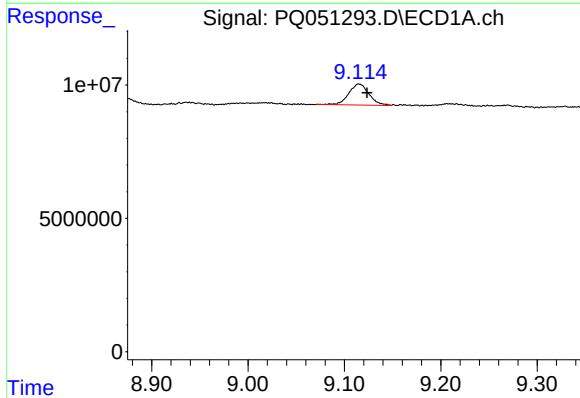
R.T.: 0.000 min
Exp R.T.: 8.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



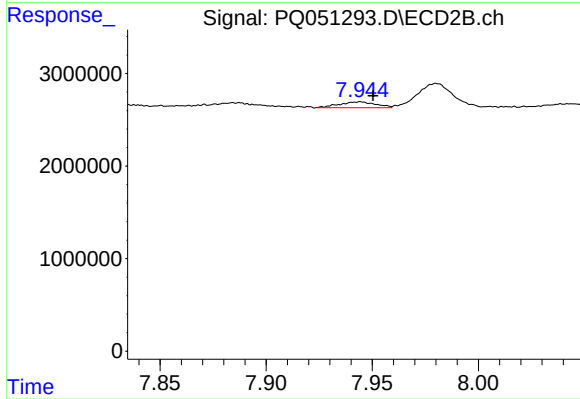
#33 AR-1260-3

R.T.: 7.458 min
Delta R.T.: -0.008 min
Response: 6539408
Conc: 18.10 ng/ml



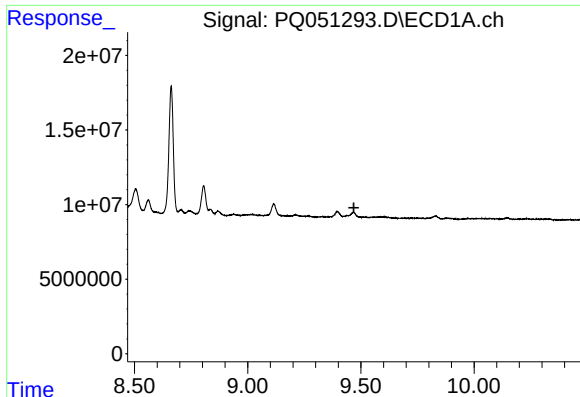
#34 AR-1260-4

R.T.: 9.115 min
Delta R.T.: -0.009 min
Response: 11459082
Conc: 13.57 ng/ml



#34 AR-1260-4

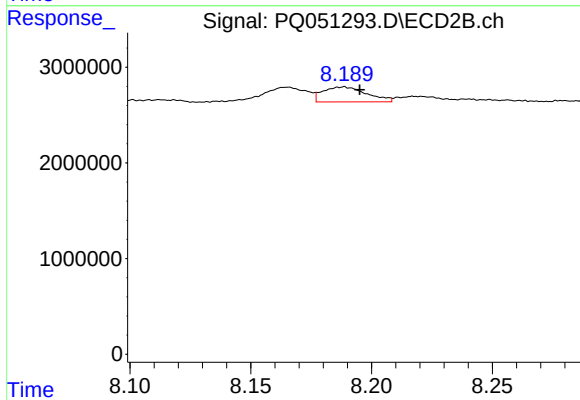
R.T.: 7.944 min
Delta R.T.: -0.006 min
Response: 754682
Conc: 2.41 ng/ml



#35 AR-1260-5

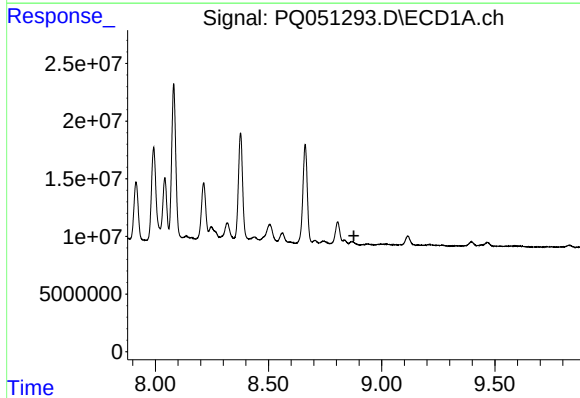
R.T.: 0.000 min
Exp R.T.: 9.469 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



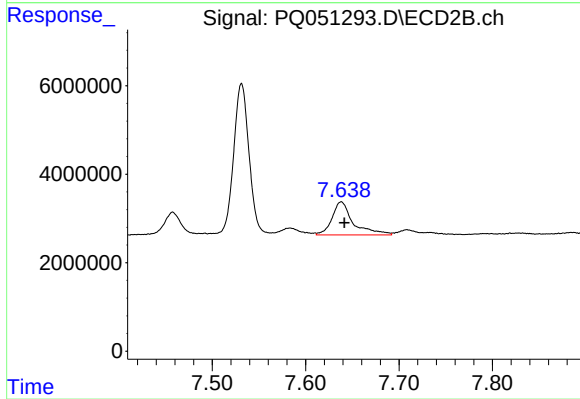
#35 AR-1260-5

R.T.: 8.188 min
Delta R.T.: -0.007 min
Response: 1971637
Conc: 2.51 ng/ml



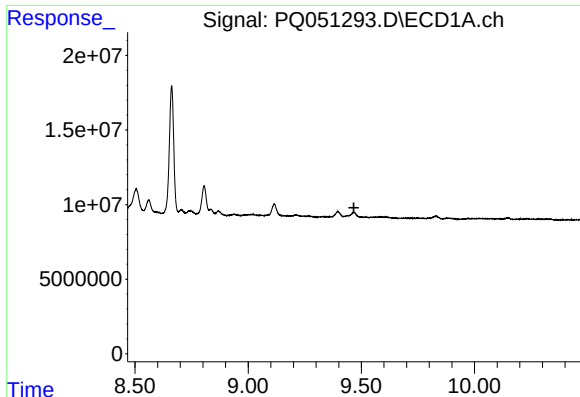
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.877 min
Response: 0
Conc: N.D.



#36 AR-1262-1

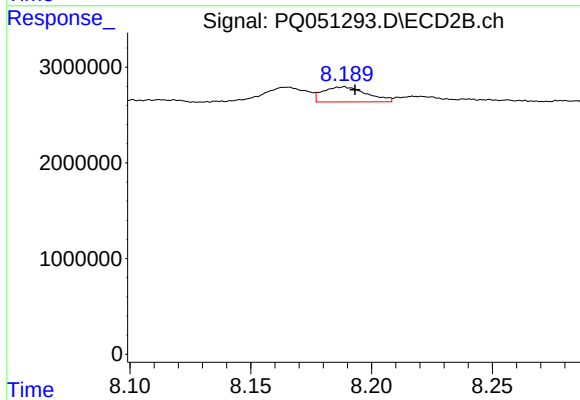
R.T.: 7.638 min
Delta R.T.: -0.003 min
Response: 11811897
Conc: 50.78 ng/ml



#37 AR-1262-2

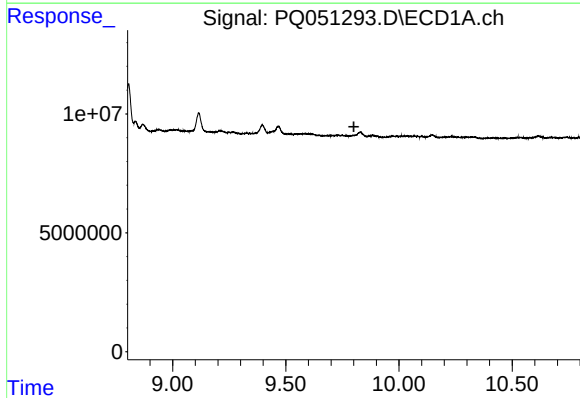
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



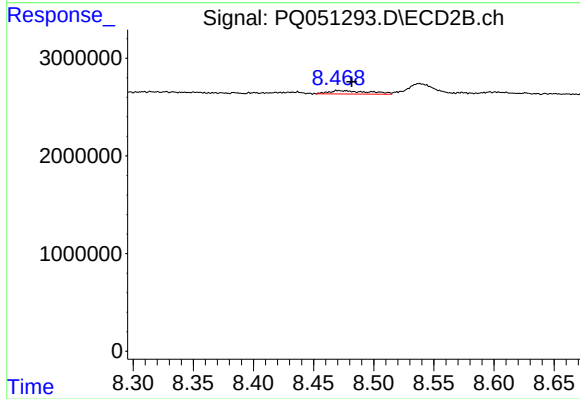
#37 AR-1262-2

R.T.: 8.188 min
Delta R.T.: -0.005 min
Response: 1971637
Conc: 2.29 ng/ml



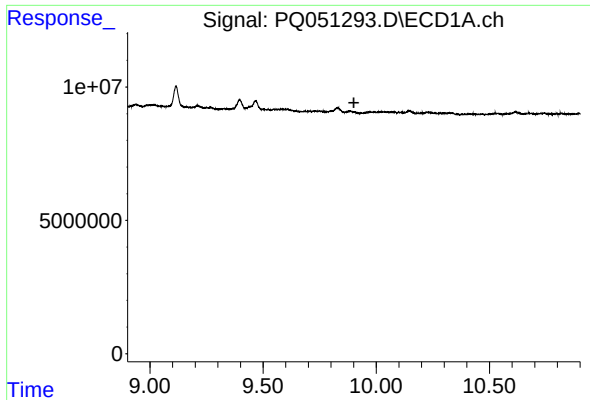
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.801 min
Response: 0
Conc: N.D.



#38 AR-1262-3

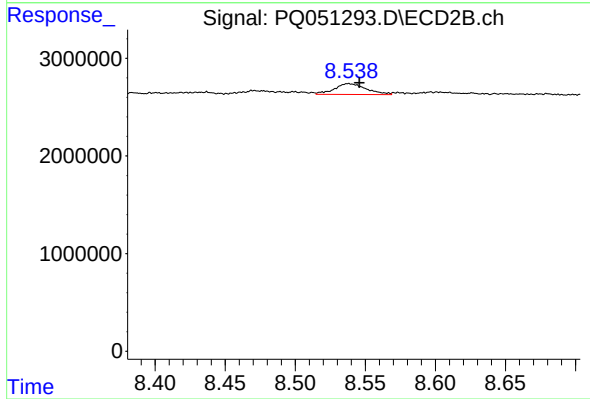
R.T.: 8.470 min
Delta R.T.: -0.011 min
Response: 792081
Conc: 2.53 ng/ml



#39 AR-1262-4

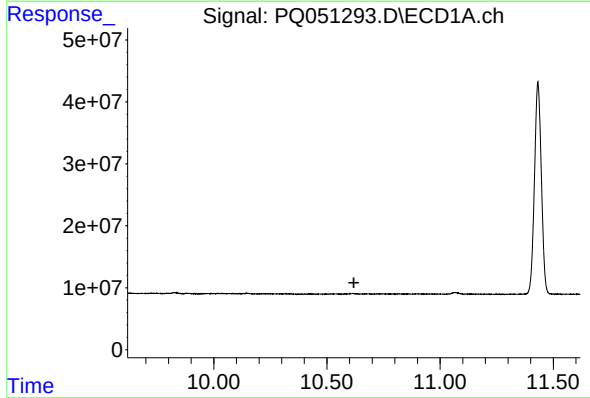
R.T.: 0.000 min
Exp R.T. : 9.901 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



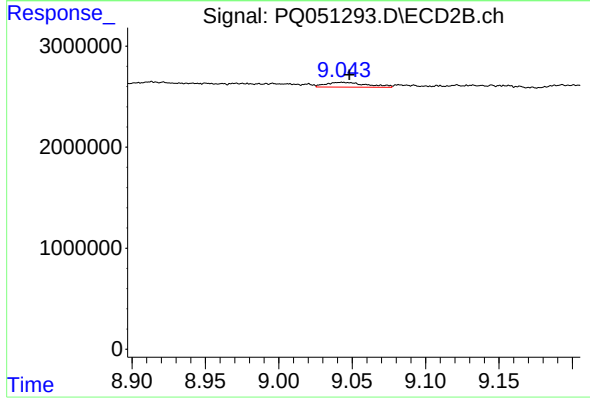
#39 AR-1262-4

R.T.: 8.538 min
Delta R.T.: -0.008 min
Response: 1749037
Conc: 2.85 ng/ml



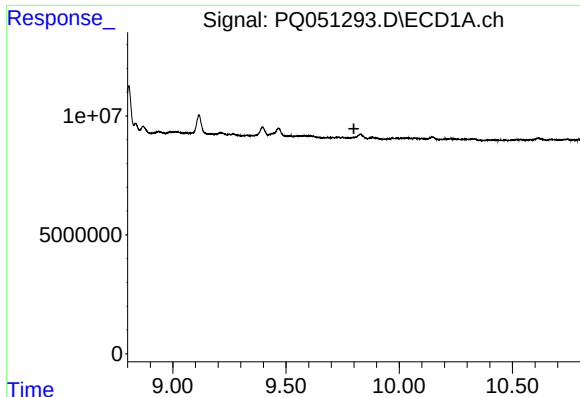
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.619 min
Response: 0
Conc: N.D.



#40 AR-1262-5

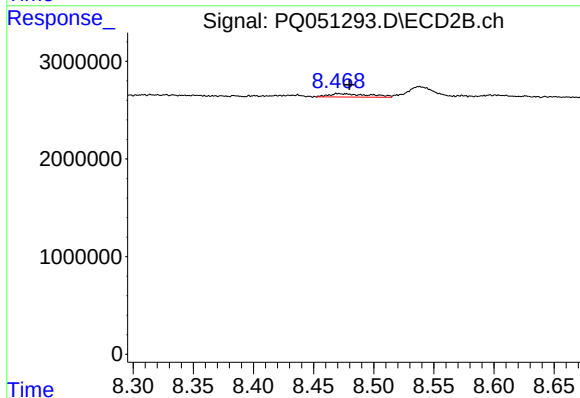
R.T.: 9.043 min
Delta R.T.: -0.005 min
Response: 914022
Conc: 3.29 ng/ml



#41 AR-1268-1

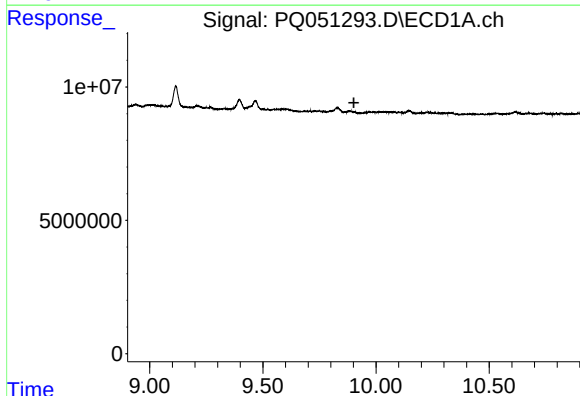
R.T.: 0.000 min
Exp R.T.: 9.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



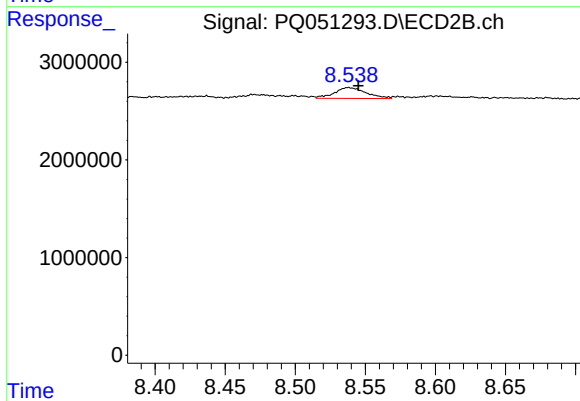
#41 AR-1268-1

R.T.: 8.470 min
Delta R.T.: -0.010 min
Response: 792081
Conc: 0.84 ng/ml



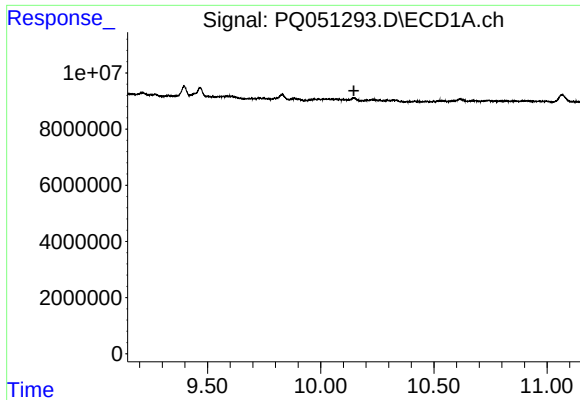
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.902 min
Response: 0
Conc: N.D.



#42 AR-1268-2

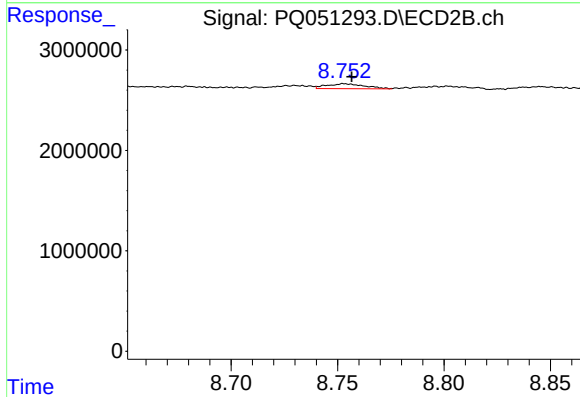
R.T.: 8.538 min
Delta R.T.: -0.007 min
Response: 1749037
Conc: 1.97 ng/ml



#43 AR-1268-3

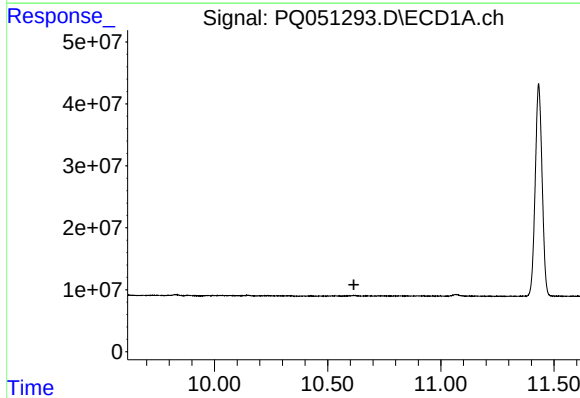
R.T.: 0.000 min
Exp R.T.: 10.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



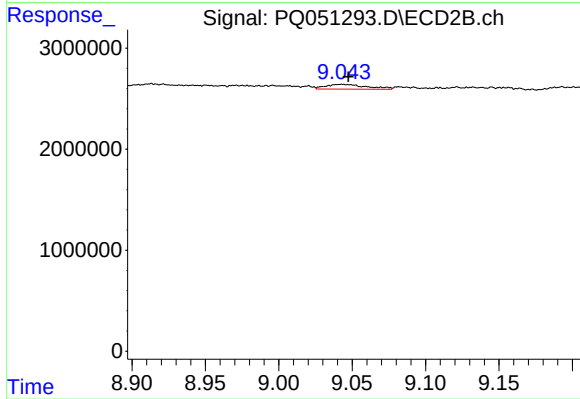
#43 AR-1268-3

R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 607095
Conc: 0.81 ng/ml



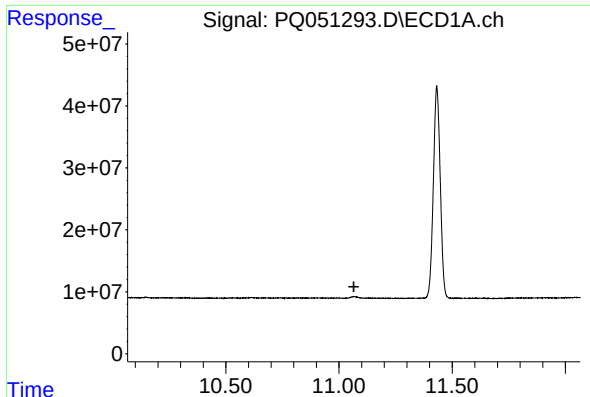
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.616 min
Response: 0
Conc: N.D.



#44 AR-1268-4

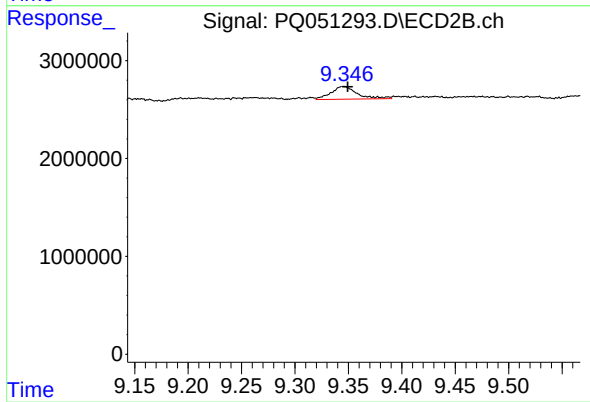
R.T.: 9.043 min
Delta R.T.: -0.004 min
Response: 914022
Conc: 2.91 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: -0.004 min
Response: 2219354
Conc: 0.91 ng/ml