

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061920\
 Data File : P0069038.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Jun 2020 8:59
 Operator : DD\AJ
 Sample : L3034-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 11:01:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 19 05:15:02 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.405	3.564	606374	829745	20.497	21.558
2)	SA Decachlor...	10.069	8.771	819303	922775	17.250	16.952
Target Compounds							
3)	L1 AR-1016-1	5.649	4.795	56883	37628	43.950	24.891 #
4)	L1 AR-1016-2	0.000	4.814	0	36098	N.D.	17.025 #
5)	L1 AR-1016-3	0.000	5.006	0	72528	N.D.	64.365 #
6)	L1 AR-1016-4	5.930	5.056	60217	114530	64.218	116.531 #
7)	L1 AR-1016-5	6.214	5.276	75087	118046	74.501	96.980 #
10)	L2 AR-1221-3	0.000	4.051	0	134274	N.D.	125.008 #
11)	L3 AR-1232-1	0.000	4.051	0	134274	N.D.	152.467 #
12)	L3 AR-1232-2	0.000	4.814	0	36098	N.D.	39.436 #
13)	L3 AR-1232-3	0.000	5.006	0	72528	N.D.	147.917 #
14)	L3 AR-1232-4	5.930	5.098	60217	52534	145.300	124.199
15)	L3 AR-1232-5	6.003	5.276	88922	118046	313.483	241.347
16)	L4 AR-1242-1	5.649	4.795	56883	37628	57.185	34.016 #
17)	L4 AR-1242-2	0.000	4.814	0	36098	N.D.	23.597 #
18)	L4 AR-1242-3	0.000	5.006	0	72528	N.D.	87.183 #
19)	L4 AR-1242-4	5.930	5.098	60217	52534	83.829	66.132
20)	L4 AR-1242-5	6.680	5.652	101827	361705	114.114	325.021 #
21)	L5 AR-1248-1	5.649	4.795	56883	37628	72.965	43.505 #
22)	L5 AR-1248-2	6.003	5.056	88922	114530	86.961	94.939
23)	L5 AR-1248-3	6.214	5.098	75087	52534	60.694	46.431
24)	L5 AR-1248-4	6.641	5.276	97206	118046	64.633	81.635 #
25)	L5 AR-1248-5	6.680	5.694	101827	45422	70.318	31.397 #
26)	L6 AR-1254-1	6.608	5.652	242796	361705	160.266	153.845
27)	L6 AR-1254-2	6.836	5.813	445010	392898	185.536	186.293
28)	L6 AR-1254-3	7.213	6.224	530399	747402	199.777	216.754
29)	L6 AR-1254-4	7.508	6.465	386430	435056	181.210	186.566
30)	L6 AR-1254-5	7.931	6.889	572682	800225	255.491	247.160
31)	L7 AR-1260-1	7.377	6.362	265950	458754	139.355	196.053 #
32)	L7 AR-1260-2	7.645	6.561	405135	439089	173.096	154.254
33)	L7 AR-1260-3	8.003	6.707	118182	388723	66.523	144.529 #
34)	L7 AR-1260-4	8.225	7.189	260518	119992	124.922	50.083 #
35)	L7 AR-1260-5	8.546	7.440	227149	304075	51.678	52.487
36)	L8 AR-1262-1	8.003	6.889	118182	800225	46.602	456.727 #
37)	L8 AR-1262-2	8.546	7.440	227149	304075	47.298	50.284
38)	L8 AR-1262-3	8.836	7.723	155417	72783	73.191	29.324 #
39)	L8 AR-1262-4	8.895	7.782	33060	262670	13.467	56.668 #
40)	L8 AR-1262-5	9.459	8.282	55930	70012	31.172	30.132
41)	L9 AR-1268-1	8.836	7.723	155417	72783	26.028	9.986 #
42)	L9 AR-1268-2	8.895	7.782	33060	262670	5.870	39.278 #
43)	L9 AR-1268-3	9.125	0.000	10774	0	2.302	N.D. #

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 ALS Vial : 5 Sample Multiplier: 1

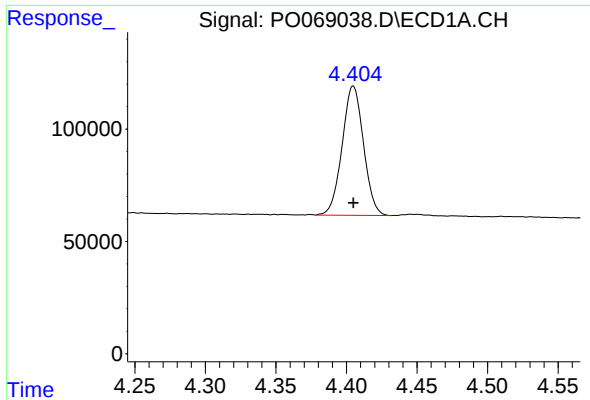
Instrument :
 ECD_O
 ClientSampleId :
 TP-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.459	8.282	55930	70012	26.691	25.999
45) L9	AR-1268-5	9.798	0.000	54031	0	3.191	N.D. #

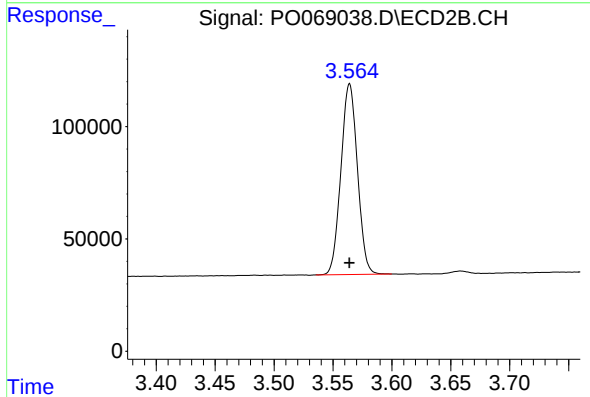
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

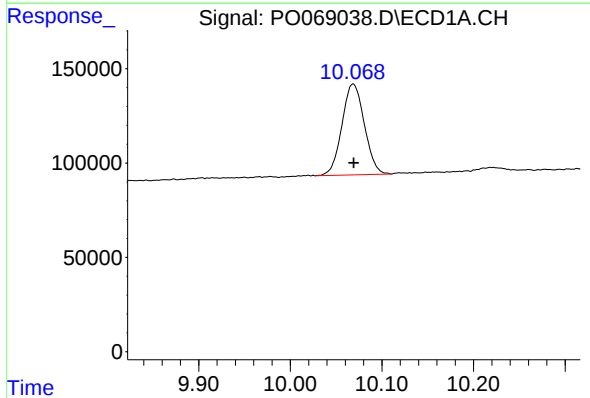
R.T.: 4.405 min
Delta R.T.: 0.000 min
Response: 606374
Conc: 20.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



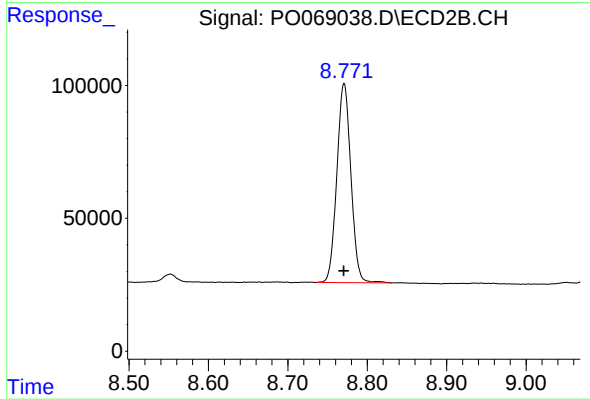
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.000 min
Response: 829745
Conc: 21.56 ng/ml



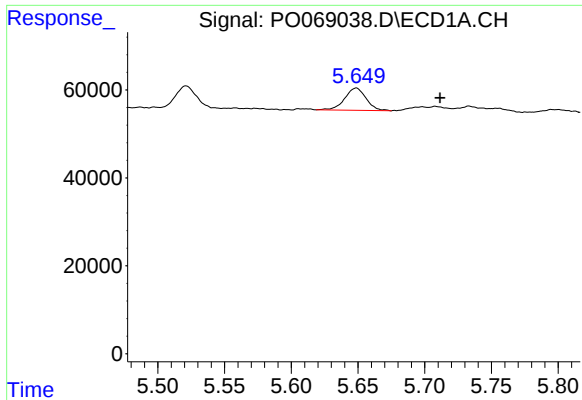
#2 Decachlorobiphenyl

R.T.: 10.069 min
Delta R.T.: 0.000 min
Response: 819303
Conc: 17.25 ng/ml



#2 Decachlorobiphenyl

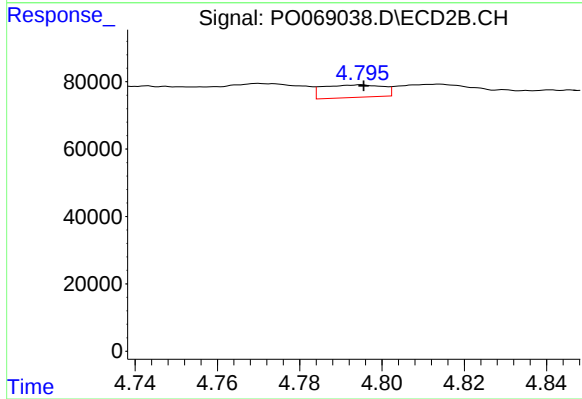
R.T.: 8.771 min
Delta R.T.: 0.000 min
Response: 922775
Conc: 16.95 ng/ml



#3 AR-1016-1

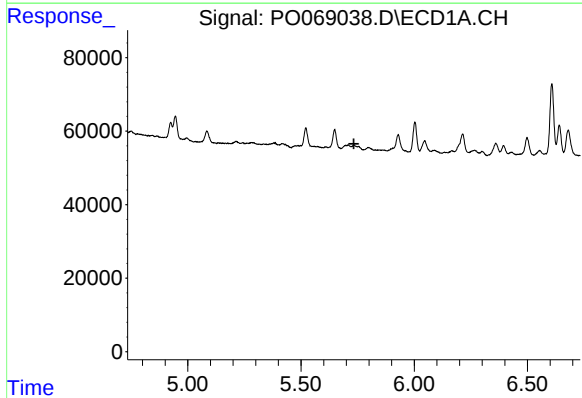
R.T.: 5.649 min
Delta R.T.: -0.063 min
Response: 56883
Conc: 43.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



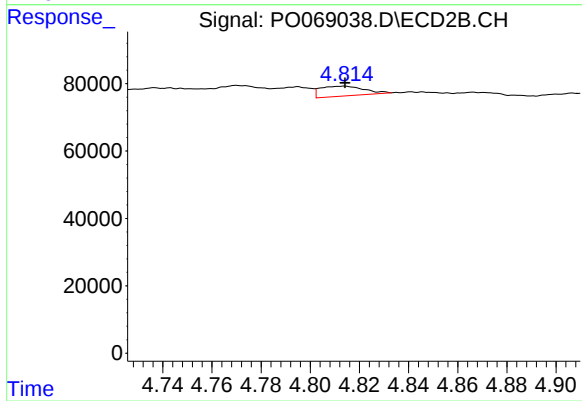
#3 AR-1016-1

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 37628
Conc: 24.89 ng/ml



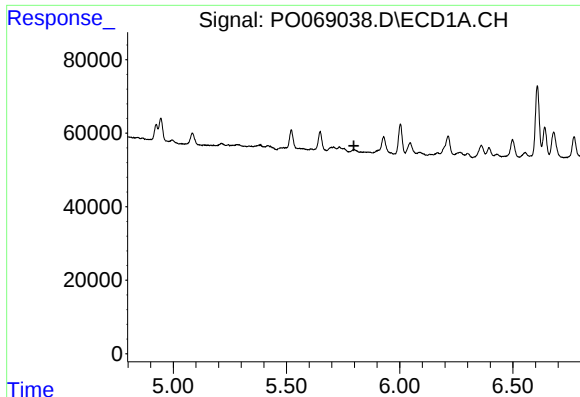
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.734 min
Response: 0
Conc: N.D.



#4 AR-1016-2

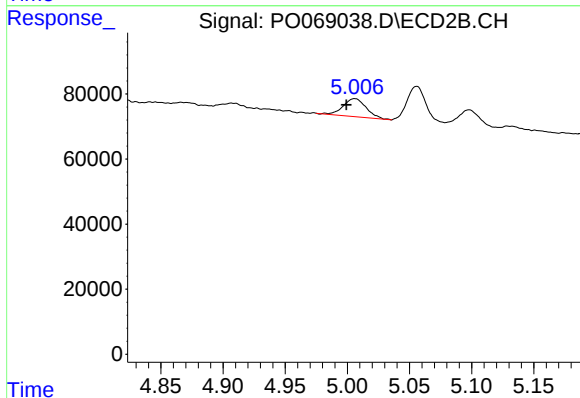
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 36098
Conc: 17.02 ng/ml



#5 AR-1016-3

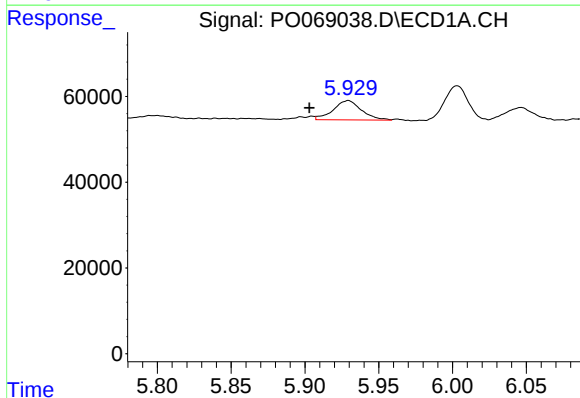
R.T.: 0.000 min
Exp R.T.: 5.798 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-3



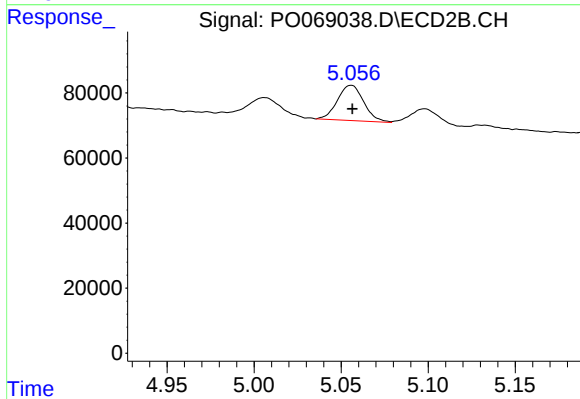
#5 AR-1016-3

R.T.: 5.006 min
Delta R.T.: 0.007 min
Response: 72528
Conc: 64.36 ng/ml



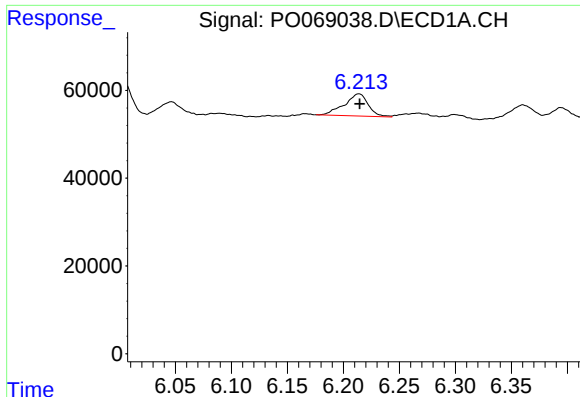
#6 AR-1016-4

R.T.: 5.930 min
Delta R.T.: 0.026 min
Response: 60217
Conc: 64.22 ng/ml



#6 AR-1016-4

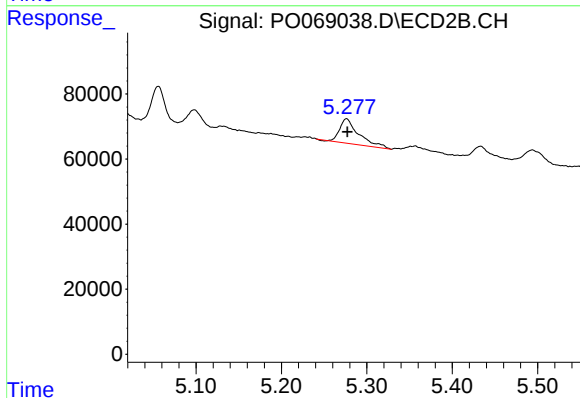
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 114530
Conc: 116.53 ng/ml



#7 AR-1016-5

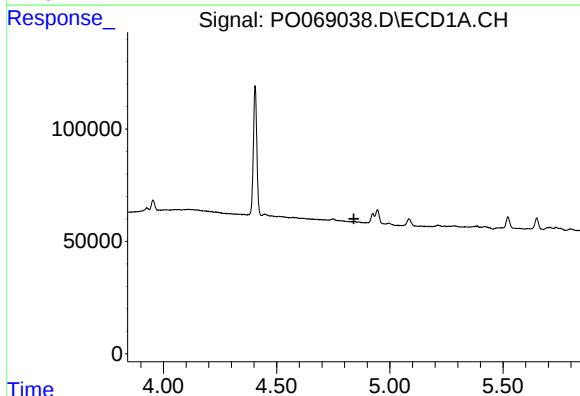
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 75087
Conc: 74.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



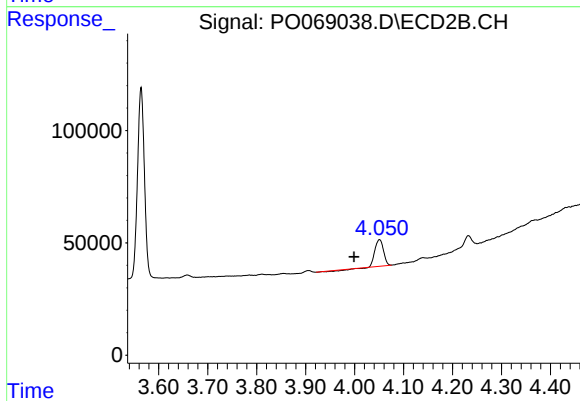
#7 AR-1016-5

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 118046
Conc: 96.98 ng/ml



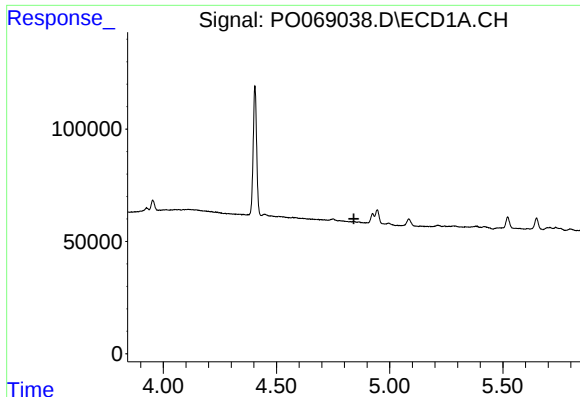
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.841 min
Response: 0
Conc: N.D.



#10 AR-1221-3

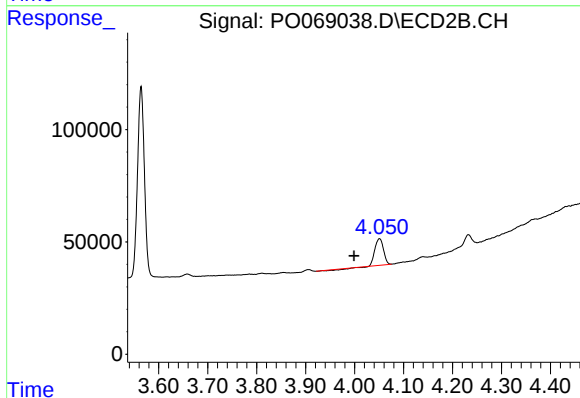
R.T.: 4.051 min
Delta R.T.: 0.052 min
Response: 134274
Conc: 125.01 ng/ml



#11 AR-1232-1

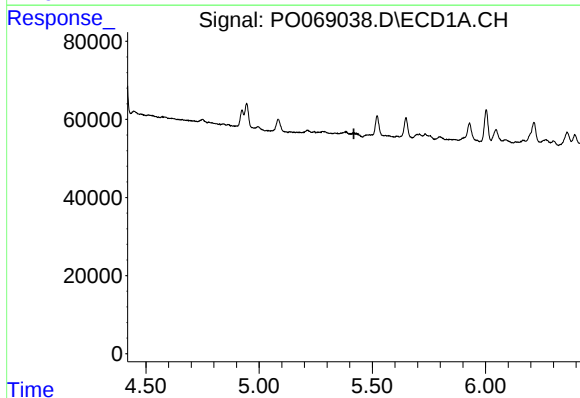
R.T.: 0.000 min
Exp R.T. : 4.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-3



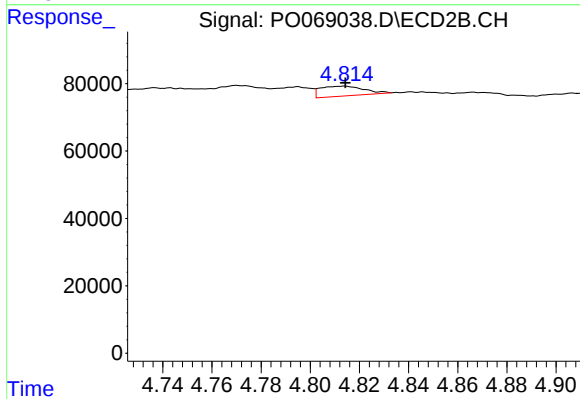
#11 AR-1232-1

R.T.: 4.051 min
Delta R.T.: 0.051 min
Response: 134274
Conc: 152.47 ng/ml



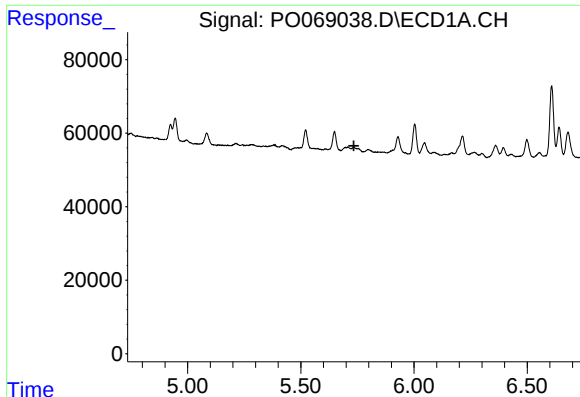
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.419 min
Response: 0
Conc: N.D.



#12 AR-1232-2

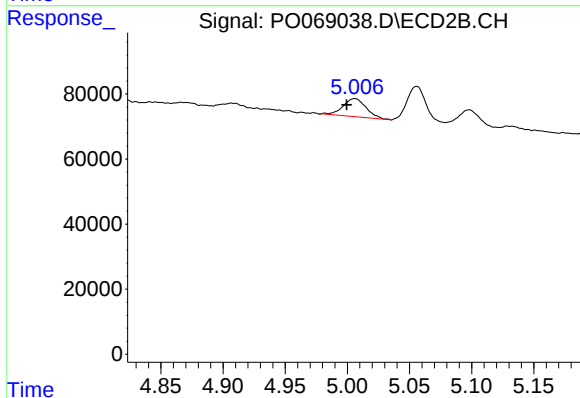
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 36098
Conc: 39.44 ng/ml



#13 AR-1232-3

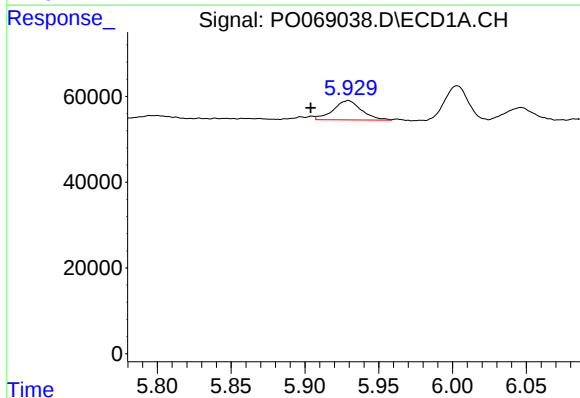
R.T.: 0.000 min
Exp R.T.: 5.735 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-3



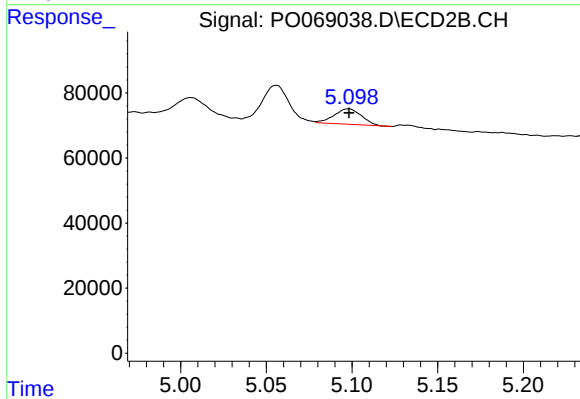
#13 AR-1232-3

R.T.: 5.006 min
Delta R.T.: 0.006 min
Response: 72528
Conc: 147.92 ng/ml



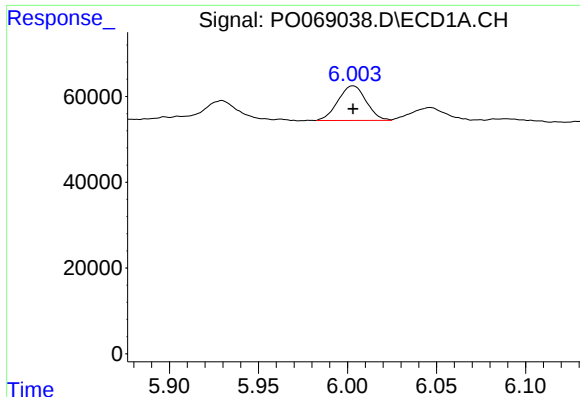
#14 AR-1232-4

R.T.: 5.930 min
Delta R.T.: 0.026 min
Response: 60217
Conc: 145.30 ng/ml



#14 AR-1232-4

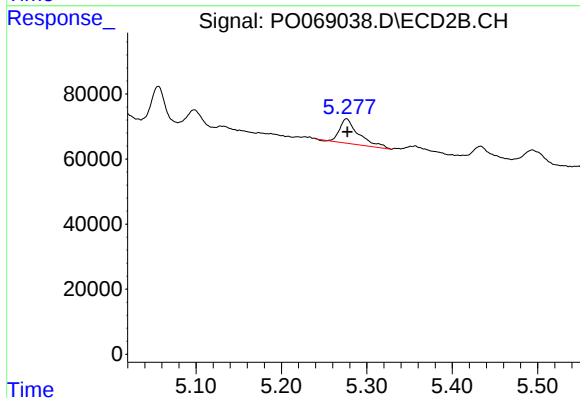
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 52534
Conc: 124.20 ng/ml



#15 AR-1232-5

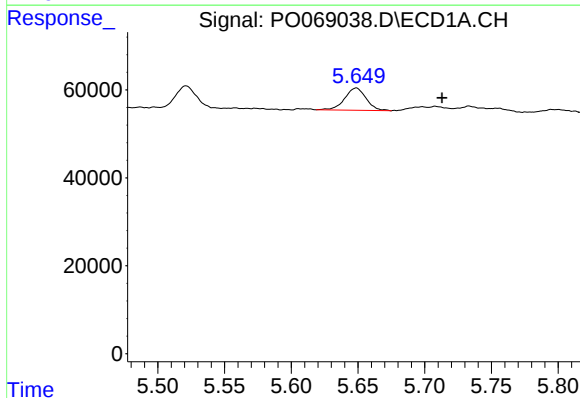
R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 88922
Conc: 313.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



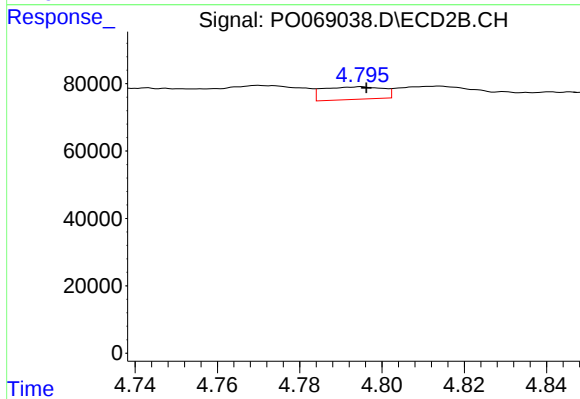
#15 AR-1232-5

R.T.: 5.276 min
Delta R.T.: -0.001 min
Response: 118046
Conc: 241.35 ng/ml



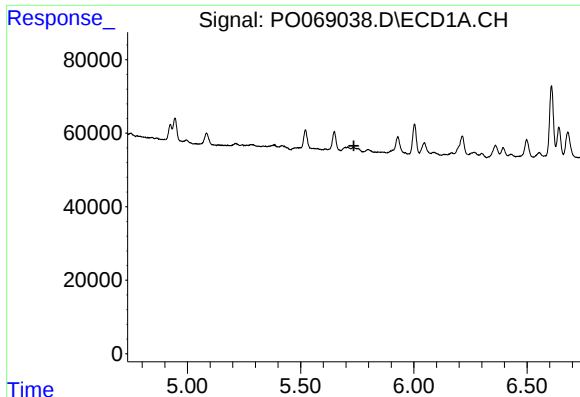
#16 AR-1242-1

R.T.: 5.649 min
Delta R.T.: -0.064 min
Response: 56883
Conc: 57.19 ng/ml



#16 AR-1242-1

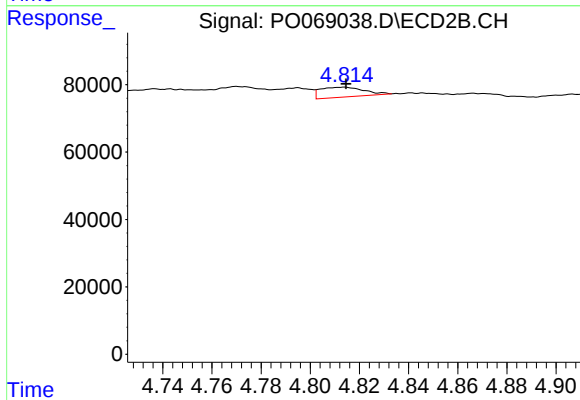
R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 37628
Conc: 34.02 ng/ml



#17 AR-1242-2

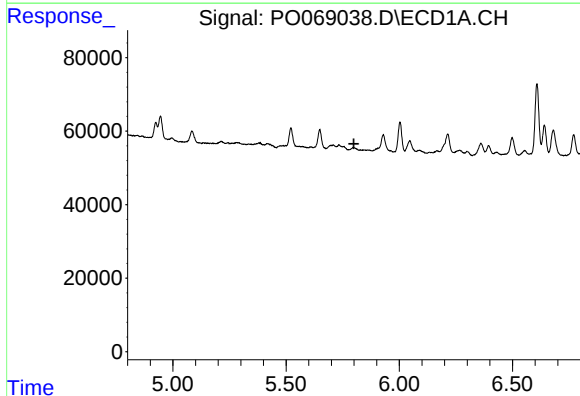
R.T.: 0.000 min
Exp R.T.: 5.736 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-3



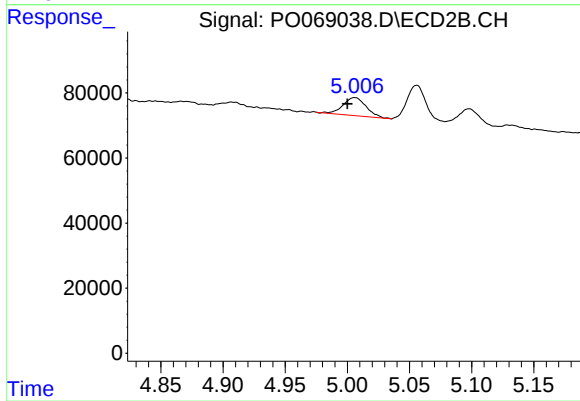
#17 AR-1242-2

R.T.: 4.814 min
Delta R.T.: -0.001 min
Response: 36098
Conc: 23.60 ng/ml



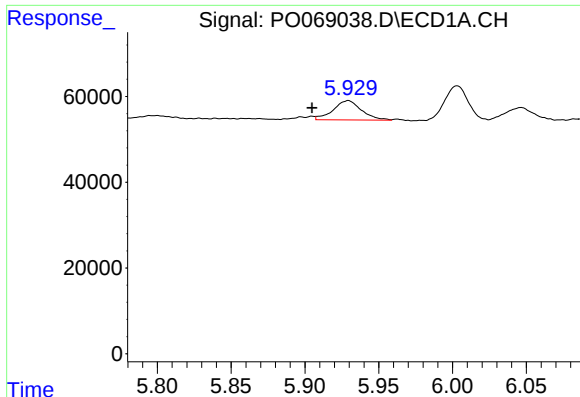
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.799 min
Response: 0
Conc: N.D.



#18 AR-1242-3

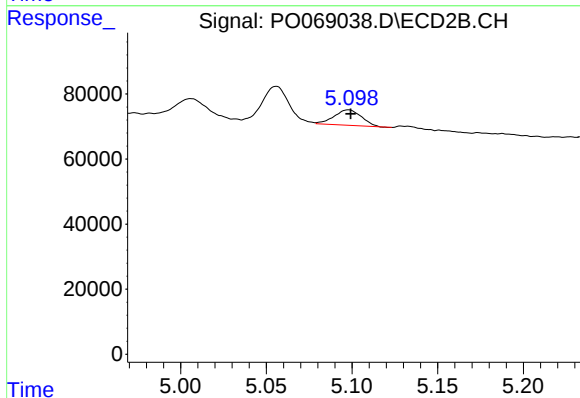
R.T.: 5.006 min
Delta R.T.: 0.006 min
Response: 72528
Conc: 87.18 ng/ml



#19 AR-1242-4

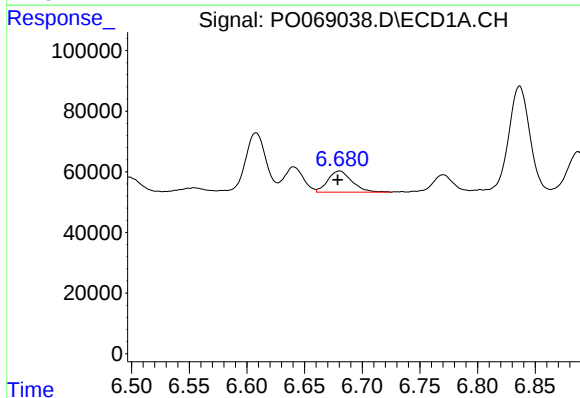
R.T.: 5.930 min
Delta R.T.: 0.025 min
Response: 60217
Conc: 83.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



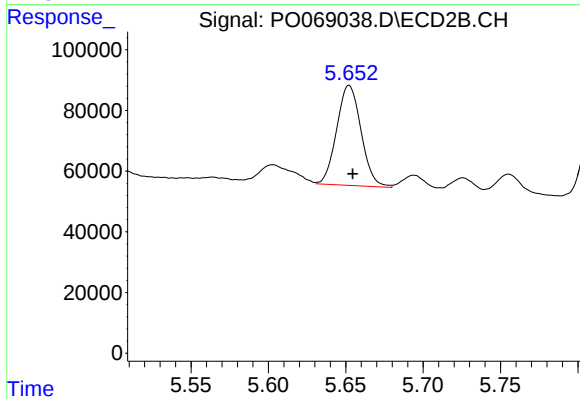
#19 AR-1242-4

R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 52534
Conc: 66.13 ng/ml



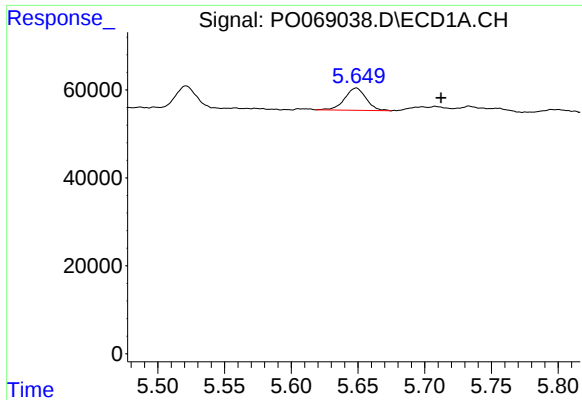
#20 AR-1242-5

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 101827
Conc: 114.11 ng/ml



#20 AR-1242-5

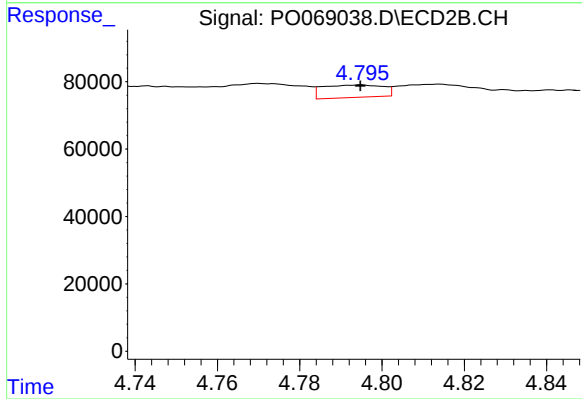
R.T.: 5.652 min
Delta R.T.: -0.002 min
Response: 361705
Conc: 325.02 ng/ml



#21 AR-1248-1

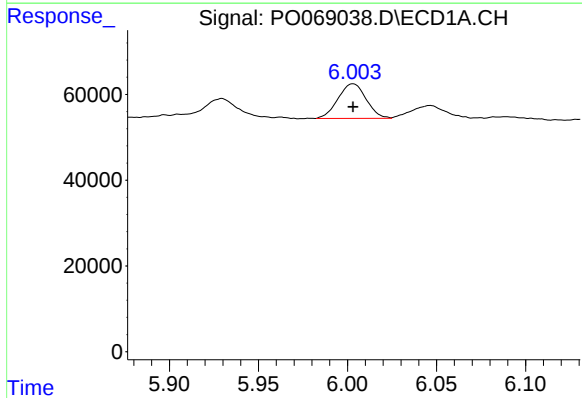
R.T.: 5.649 min
Delta R.T.: -0.063 min
Response: 56883
Conc: 72.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



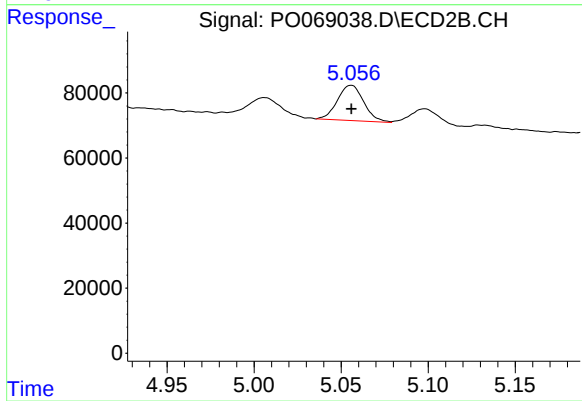
#21 AR-1248-1

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 37628
Conc: 43.50 ng/ml



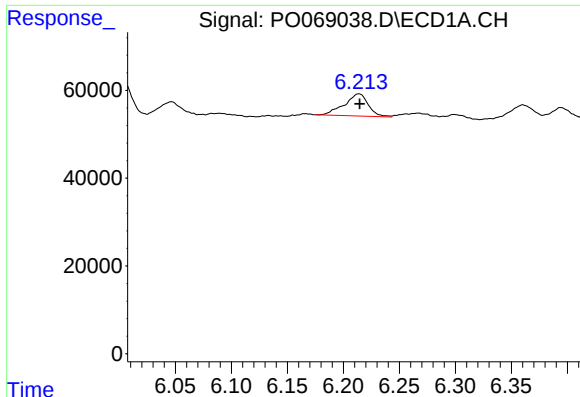
#22 AR-1248-2

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 88922
Conc: 86.96 ng/ml



#22 AR-1248-2

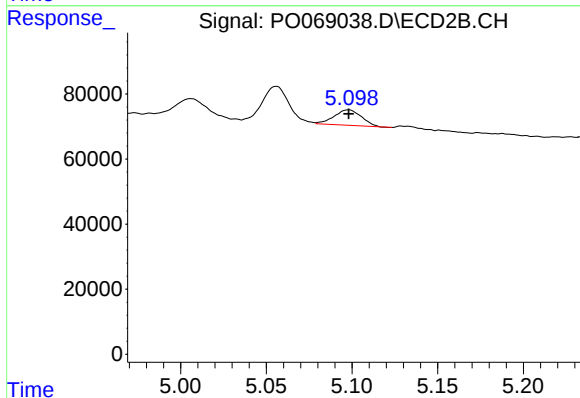
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 114530
Conc: 94.94 ng/ml



#23 AR-1248-3

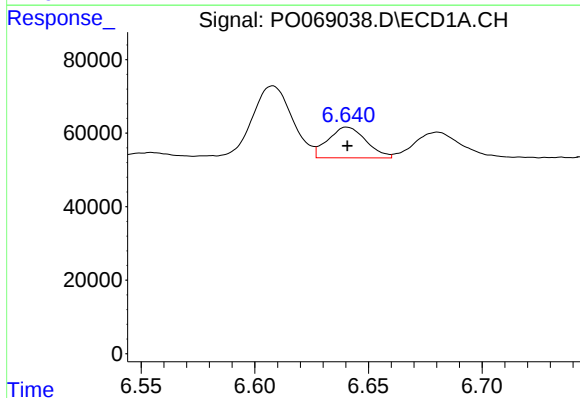
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 75087
Conc: 60.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



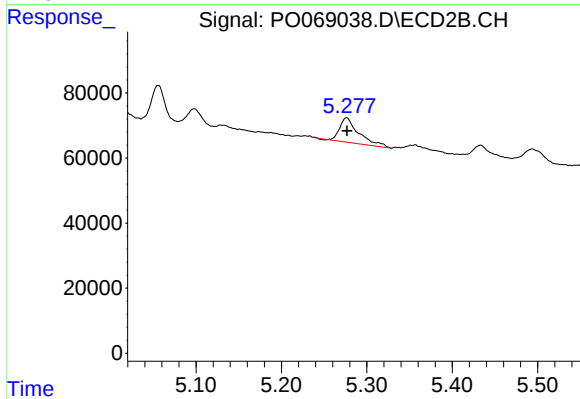
#23 AR-1248-3

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 52534
Conc: 46.43 ng/ml



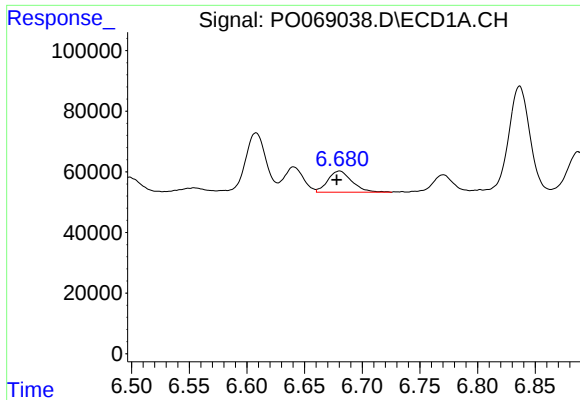
#24 AR-1248-4

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 97206
Conc: 64.63 ng/ml



#24 AR-1248-4

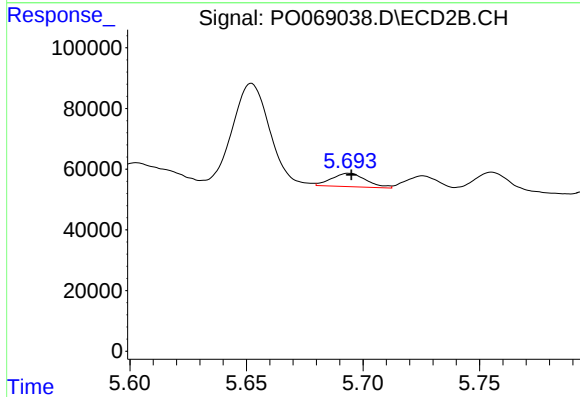
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 118046
Conc: 81.63 ng/ml



#25 AR-1248-5

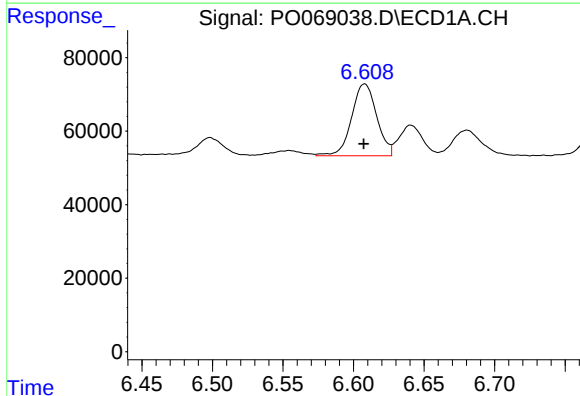
R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 101827
Conc: 70.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



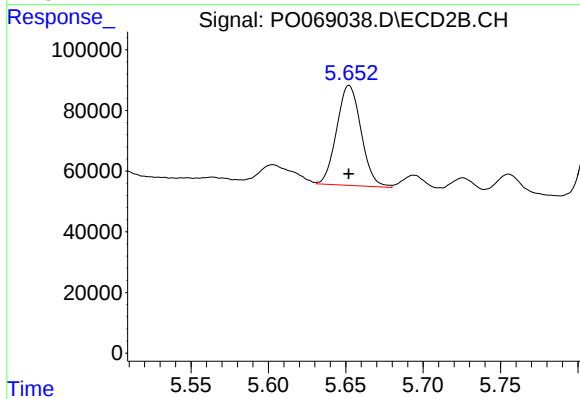
#25 AR-1248-5

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 45422
Conc: 31.40 ng/ml



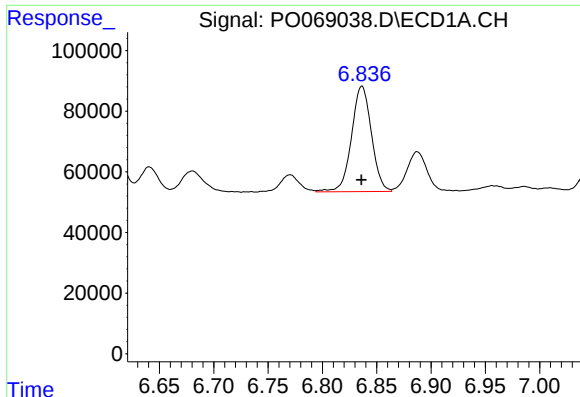
#26 AR-1254-1

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 242796
Conc: 160.27 ng/ml



#26 AR-1254-1

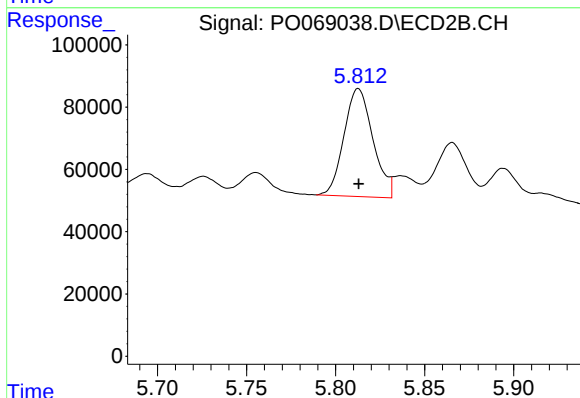
R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 361705
Conc: 153.85 ng/ml



#27 AR-1254-2

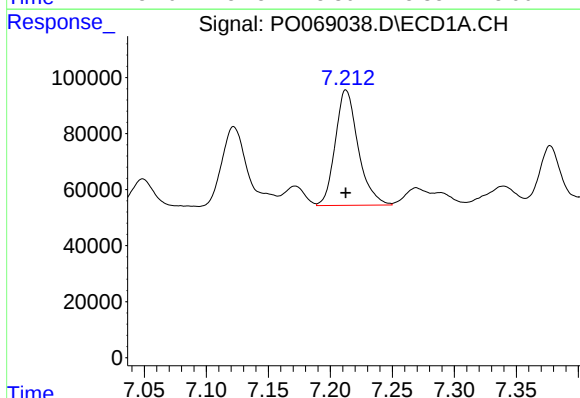
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 445010
Conc: 185.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



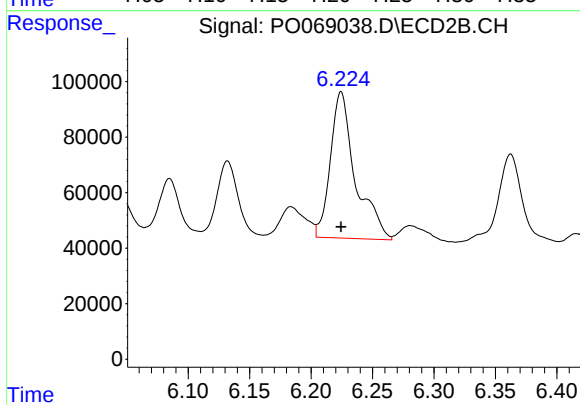
#27 AR-1254-2

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 392898
Conc: 186.29 ng/ml



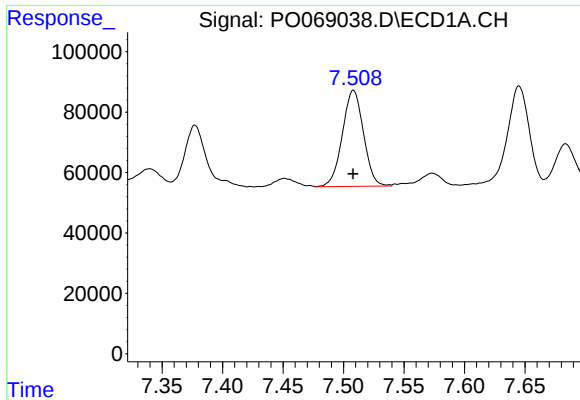
#28 AR-1254-3

R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 530399
Conc: 199.78 ng/ml



#28 AR-1254-3

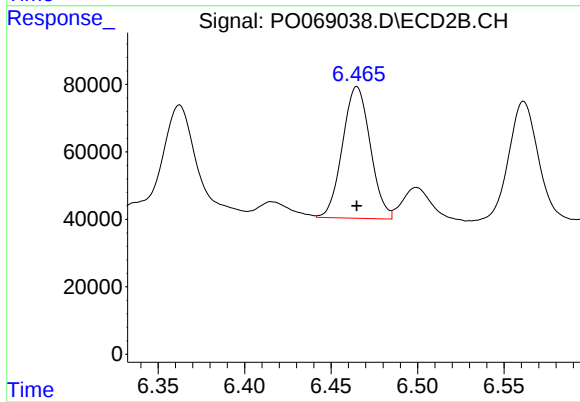
R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 747402
Conc: 216.75 ng/ml



#29 AR-1254-4

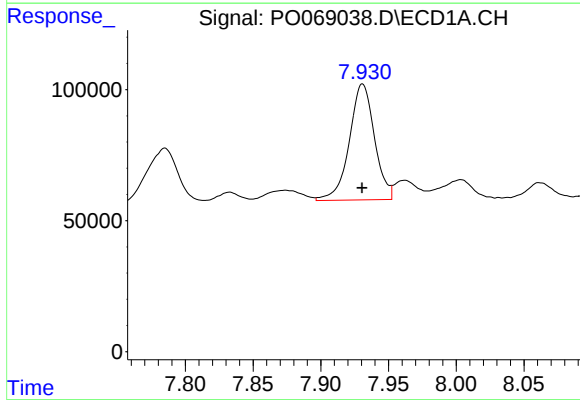
R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 386430
Conc: 181.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



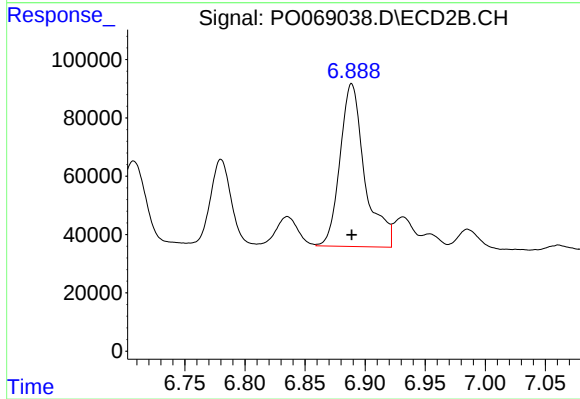
#29 AR-1254-4

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 435056
Conc: 186.57 ng/ml



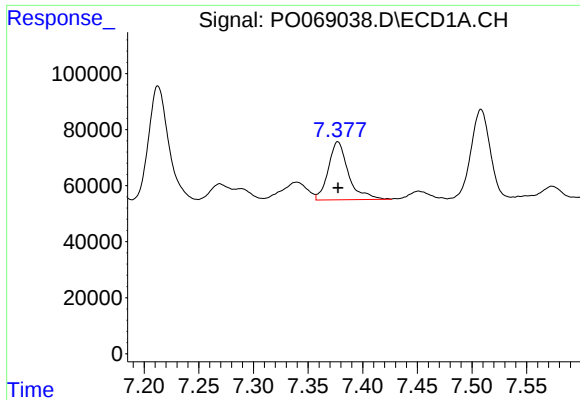
#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 572682
Conc: 255.49 ng/ml



#30 AR-1254-5

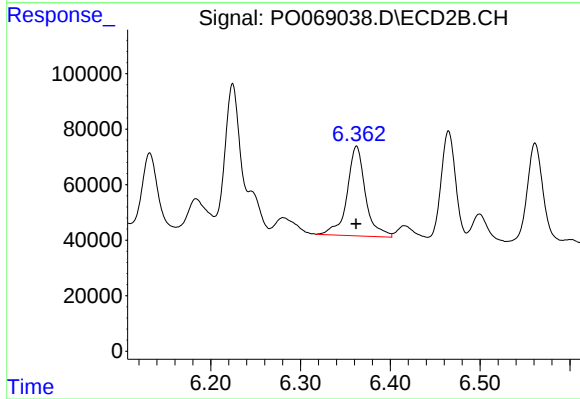
R.T.: 6.889 min
Delta R.T.: 0.000 min
Response: 800225
Conc: 247.16 ng/ml



#31 AR-1260-1

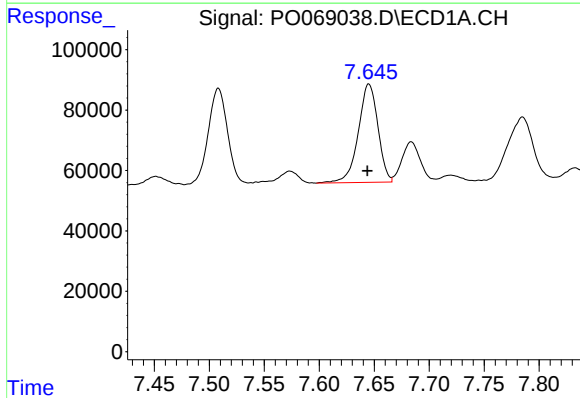
R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 265950
Conc: 139.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



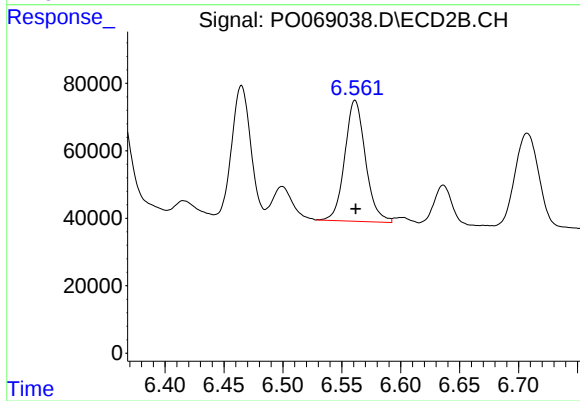
#31 AR-1260-1

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 458754
Conc: 196.05 ng/ml



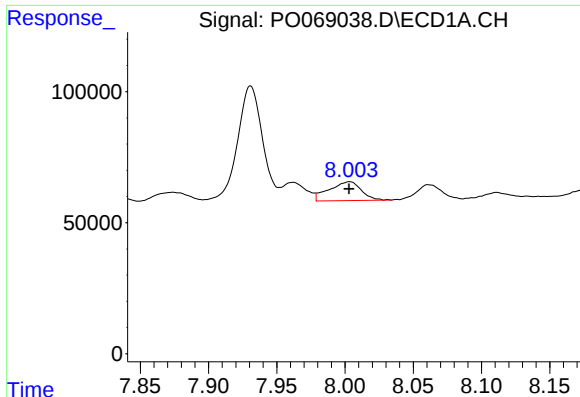
#32 AR-1260-2

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 405135
Conc: 173.10 ng/ml



#32 AR-1260-2

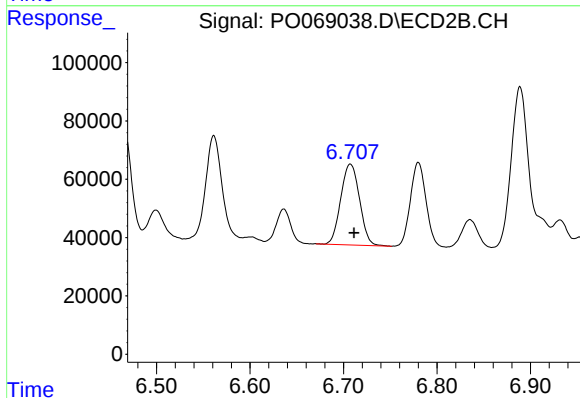
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 439089
Conc: 154.25 ng/ml



#33 AR-1260-3

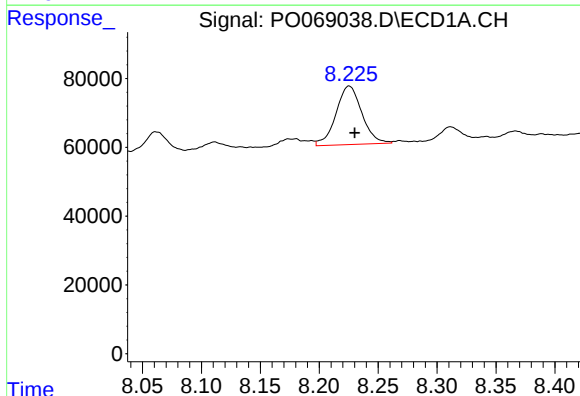
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 118182
Conc: 66.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



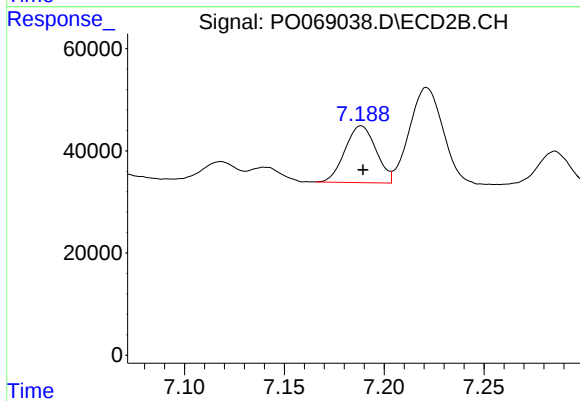
#33 AR-1260-3

R.T.: 6.707 min
Delta R.T.: -0.004 min
Response: 388723
Conc: 144.53 ng/ml



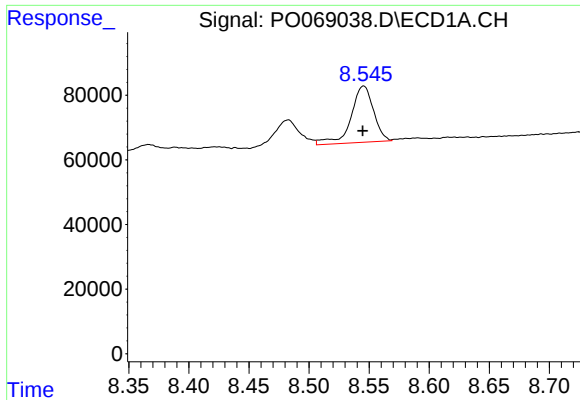
#34 AR-1260-4

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 260518
Conc: 124.92 ng/ml



#34 AR-1260-4

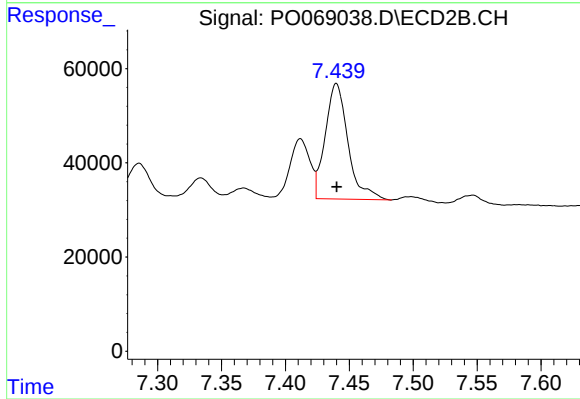
R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 119992
Conc: 50.08 ng/ml



#35 AR-1260-5

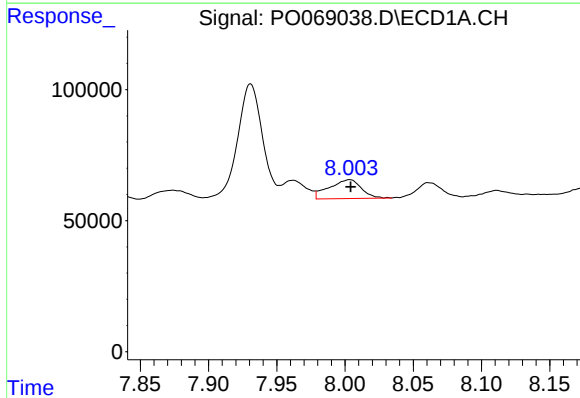
R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 227149
Conc: 51.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



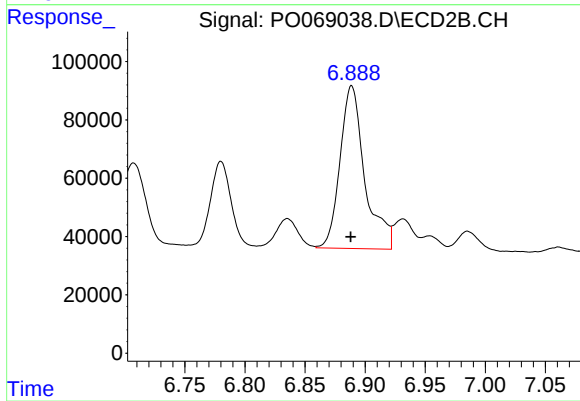
#35 AR-1260-5

R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 304075
Conc: 52.49 ng/ml



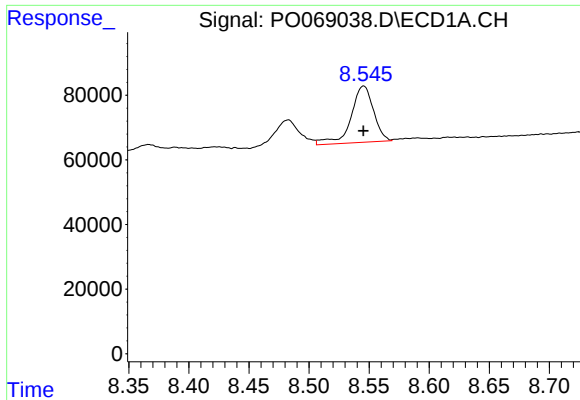
#36 AR-1262-1

R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 118182
Conc: 46.60 ng/ml



#36 AR-1262-1

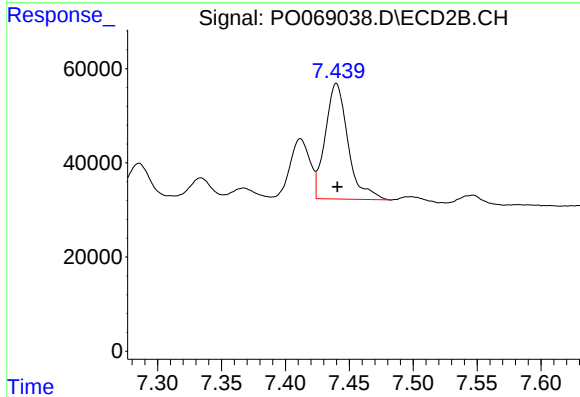
R.T.: 6.889 min
Delta R.T.: 0.000 min
Response: 800225
Conc: 456.73 ng/ml



#37 AR-1262-2

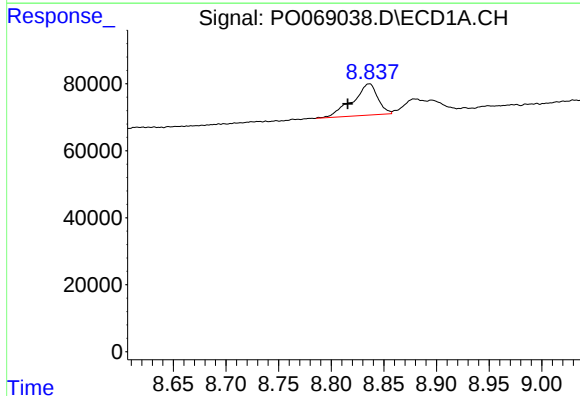
R.T.: 8.546 min
Delta R.T.: 0.000 min
Response: 227149
Conc: 47.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



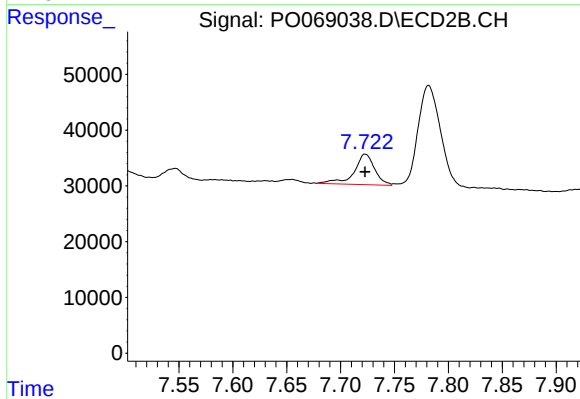
#37 AR-1262-2

R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 304075
Conc: 50.28 ng/ml



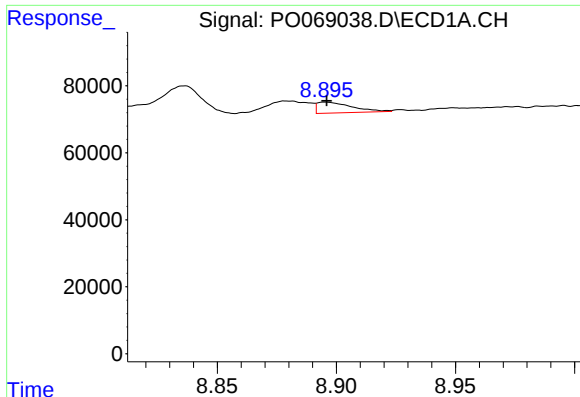
#38 AR-1262-3

R.T.: 8.836 min
Delta R.T.: 0.021 min
Response: 155417
Conc: 73.19 ng/ml



#38 AR-1262-3

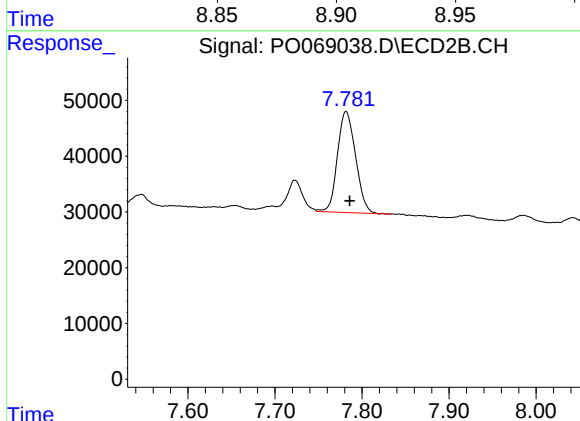
R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 72783
Conc: 29.32 ng/ml



#39 AR-1262-4

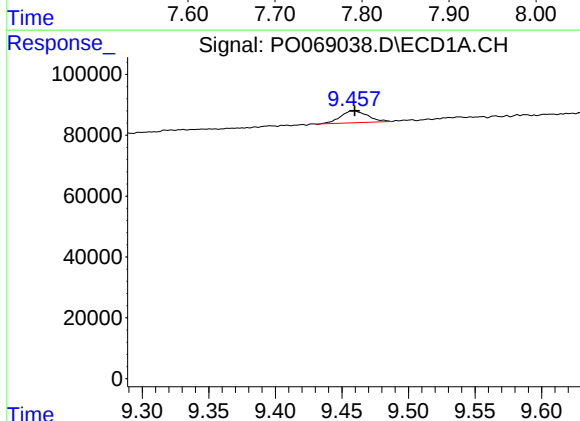
R.T.: 8.895 min
Delta R.T.: 0.000 min
Response: 33060
Conc: 13.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



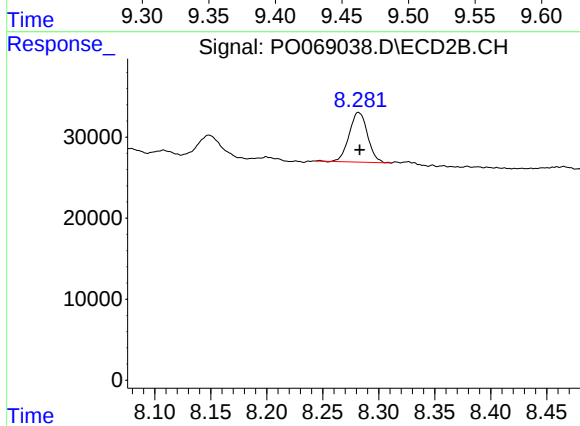
#39 AR-1262-4

R.T.: 7.782 min
Delta R.T.: -0.004 min
Response: 262670
Conc: 56.67 ng/ml



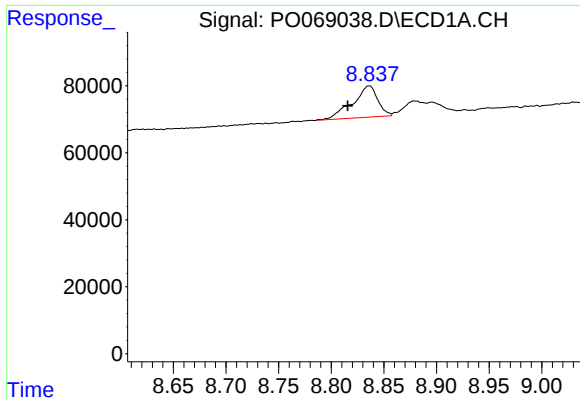
#40 AR-1262-5

R.T.: 9.459 min
Delta R.T.: -0.001 min
Response: 55930
Conc: 31.17 ng/ml



#40 AR-1262-5

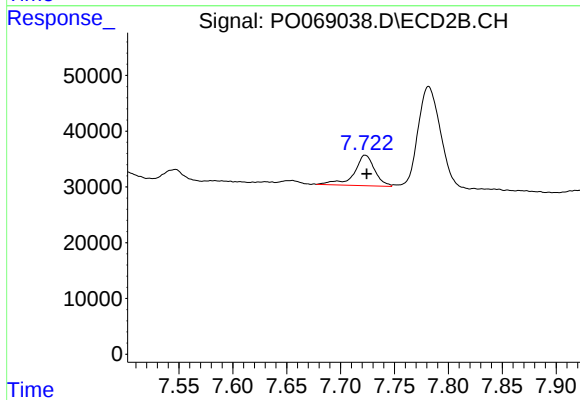
R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 70012
Conc: 30.13 ng/ml



#41 AR-1268-1

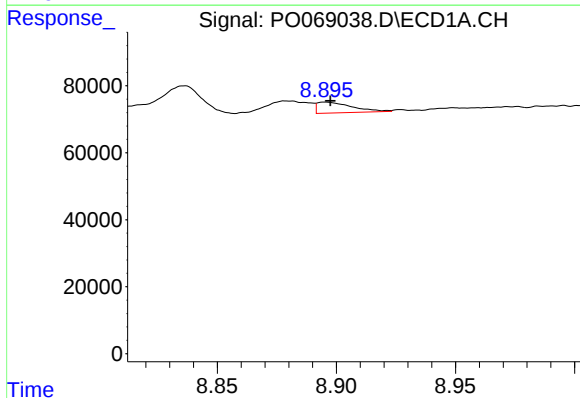
R.T.: 8.836 min
Delta R.T.: 0.020 min
Response: 155417
Conc: 26.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



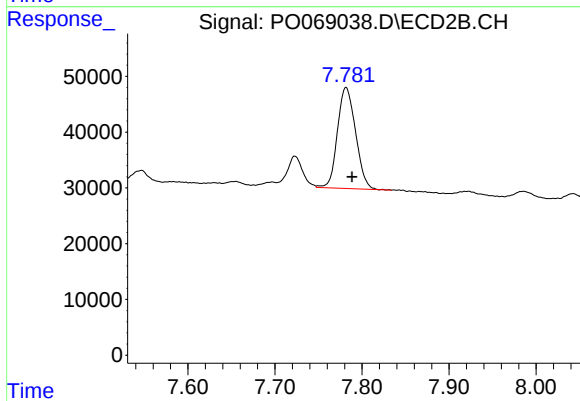
#41 AR-1268-1

R.T.: 7.723 min
Delta R.T.: -0.001 min
Response: 72783
Conc: 9.99 ng/ml



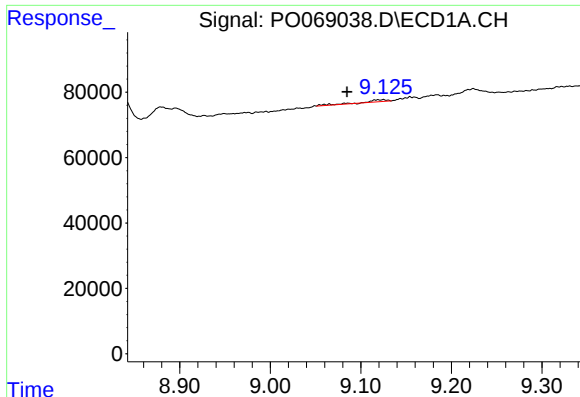
#42 AR-1268-2

R.T.: 8.895 min
Delta R.T.: -0.002 min
Response: 33060
Conc: 5.87 ng/ml



#42 AR-1268-2

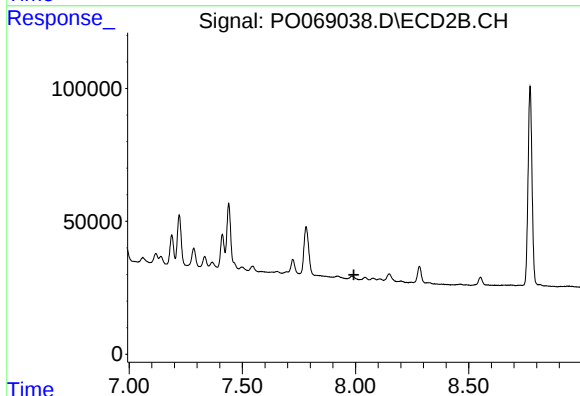
R.T.: 7.782 min
Delta R.T.: -0.007 min
Response: 262670
Conc: 39.28 ng/ml



#43 AR-1268-3

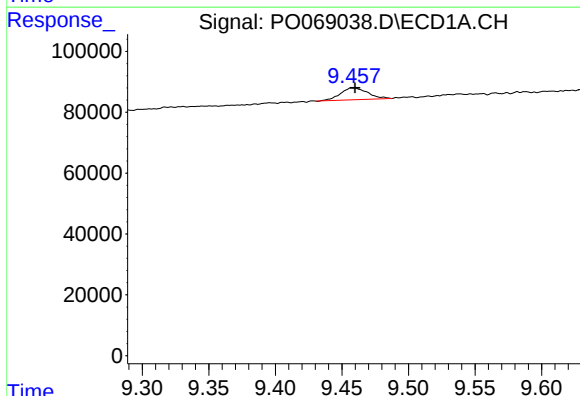
R.T.: 9.125 min
Delta R.T.: 0.040 min
Response: 10774
Conc: 2.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



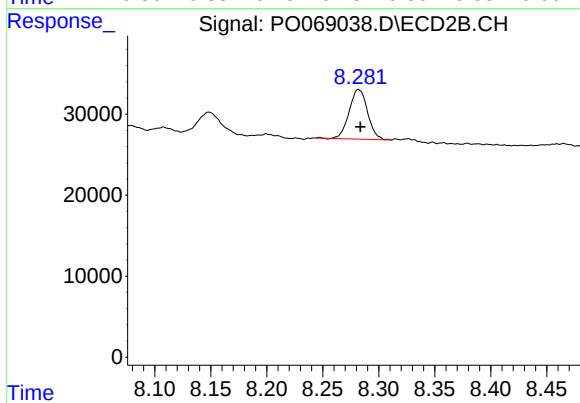
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.992 min
Response: 0
Conc: N.D.



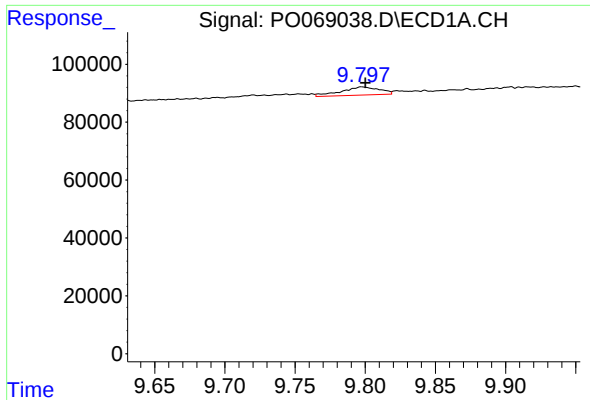
#44 AR-1268-4

R.T.: 9.459 min
Delta R.T.: -0.001 min
Response: 55930
Conc: 26.69 ng/ml



#44 AR-1268-4

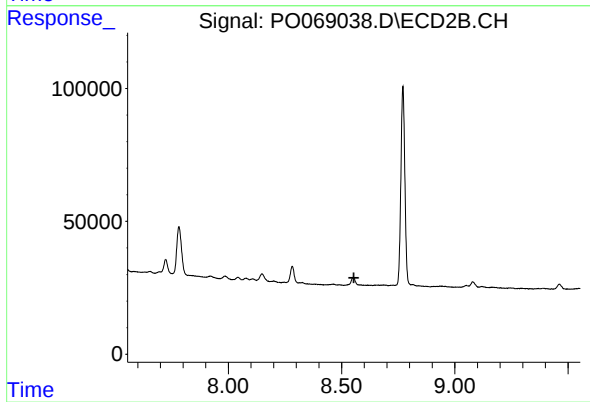
R.T.: 8.282 min
Delta R.T.: -0.001 min
Response: 70012
Conc: 26.00 ng/ml



#45 AR-1268-5

R.T.: 9.798 min
Delta R.T.: -0.002 min
Response: 54031
Conc: 3.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-3



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.554 min
Response: 0
Conc: N.D.