

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060049.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 00:28
 Operator : SM/AJ
 Sample : K4547-15
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 T7-S-G1-G4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 01:14:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 2019
 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...	4.121	3.498	1279566	1033879	36.546	28.722
2)	SA Decachlor...	9.582	8.353	1252747	814329	23.548	20.196
Target Compounds							
3)	L1 AR-1016-1	5.273	0.000	64226	0	40.044	N.D. #
4)	L1 AR-1016-2	5.273	0.000	64226	0	26.845	N.D. #
5)	L1 AR-1016-3	5.355	0.000	23347	0	15.674	N.D. #
7)	L1 AR-1016-5	5.678	0.000	13453	0	10.476	N.D. #
8)	L2 AR-1221-1	4.360	0.000	3620	0	8.549	N.D. #
9)	L2 AR-1221-2	4.421	0.000	27479	0	84.604	N.D. #
10)	L2 AR-1221-3	4.500	3.906	45422	177719	43.182	181.634 #
11)	L3 AR-1232-1	4.500	3.906	45422	177719	36.441	155.876 #
12)	L3 AR-1232-2	5.007	0.000	6058	0	8.576	N.D. #
13)	L3 AR-1232-3	5.273	0.000	64226	0	41.940	N.D. #
14)	L3 AR-1232-4	5.536	0.000	23978	0	30.667	N.D. #
15)	L3 AR-1232-5	5.579	0.000	10636	0	17.694	N.D. #
16)	L4 AR-1242-1	5.273	0.000	64226	0	50.591	N.D. #
17)	L4 AR-1242-2	5.273	0.000	64226	0	34.611	N.D. #
18)	L4 AR-1242-3	5.355	0.000	23347	0	19.975	N.D. #
19)	L4 AR-1242-4	5.536	0.000	23978	0	24.774	N.D. #
20)	L4 AR-1242-5	6.211	5.327	1021	142747	0.813	127.611 #
21)	L5 AR-1248-1	5.273	0.000	64226	0	64.062	N.D. #
22)	L5 AR-1248-2	5.536	0.000	23978	0	16.526	N.D. #
23)	L5 AR-1248-3	5.678	0.000	13453	0	8.094	N.D. #
24)	L5 AR-1248-4	6.132	0.000	38101	0	18.640	N.D. #
25)	L5 AR-1248-5	6.175	5.327	58362	142747	29.430	99.733 #
26)	L6 AR-1254-1	6.106	5.327	165971	142747	79.548	60.185
27)	L6 AR-1254-2	6.324	5.472	337907	65770	101.283	31.345 #
28)	L6 AR-1254-3	6.686	5.867	1258285	694438	354.600	206.524 #
29)	L6 AR-1254-4	6.968	6.094	433871	91242	147.298	44.253 #
30)	L6 AR-1254-5	7.384	6.500	1365106	1085727	441.440	349.673
31)	L7 AR-1260-1	6.843	5.991	855361	703956	317.292	308.901
32)	L7 AR-1260-2	7.099	6.179	877238	447261	236.422	152.655 #
33)	L7 AR-1260-3	7.453	6.326	745495	566631	227.540	213.893
34)	L7 AR-1260-4	7.677	6.789	1250476	415194	407.146	183.505 #
35)	L7 AR-1260-5	7.988	7.032	2345395	1277755	331.228	232.179 #
36)	L8 AR-1262-1	7.511	6.533	501893	581979	103.421	156.129 #
37)	L8 AR-1262-2	8.076	7.032	482978	1277755	62.595	217.340 #
38)	L8 AR-1262-3	8.286	7.305	921551	216711	180.615	85.287 #
39)	L8 AR-1262-4	8.333	7.372	1164257	837525	302.033	189.530 #
40)	L8 AR-1262-5	8.939	7.861	1277979	320927	497.934	177.744 #
41)	L9 AR-1268-1	8.286	7.305	921551	216711	97.926	30.433 #
42)	L9 AR-1268-2	8.333	7.372	1164257	837525	147.698	129.889

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 Sample : K4547-15
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

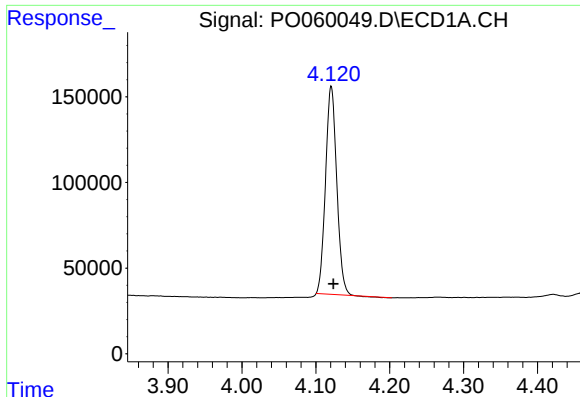
Instrument :
 ECD_O
 ClientSampleId :
 T7-S-G1-G4

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
43) L9	AR-1268-3	8.581	7.604	733723	284757	104.092	52.043 #
44) L9	AR-1268-4	8.939	7.861	1277979	320927	459.697	157.217 #
45) L9	AR-1268-5	9.295	8.129	213520	186873	11.578	12.862

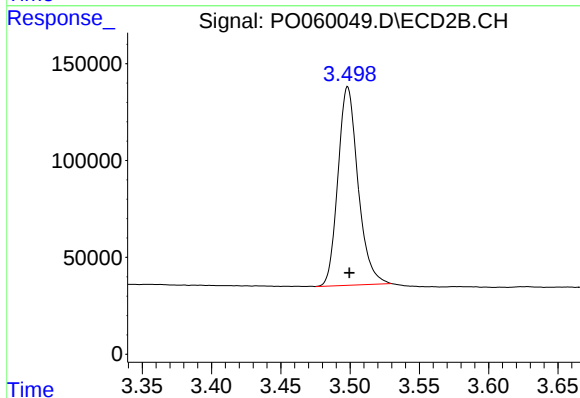
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

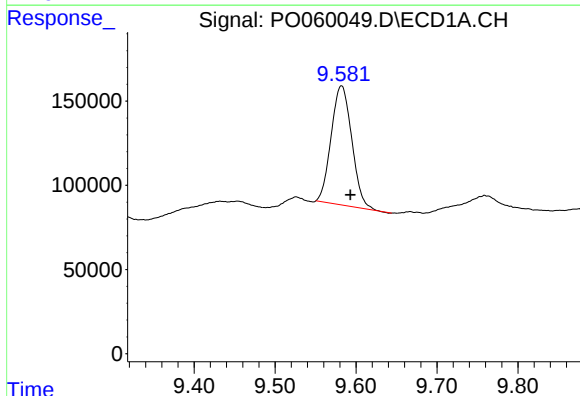
R.T.: 4.121 min
Delta R.T.: -0.003 min
Response: 1279566
Conc: 36.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



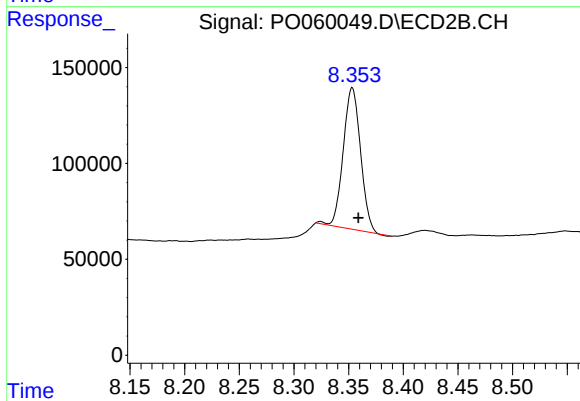
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.001 min
Response: 1033879
Conc: 28.72 ng/ml



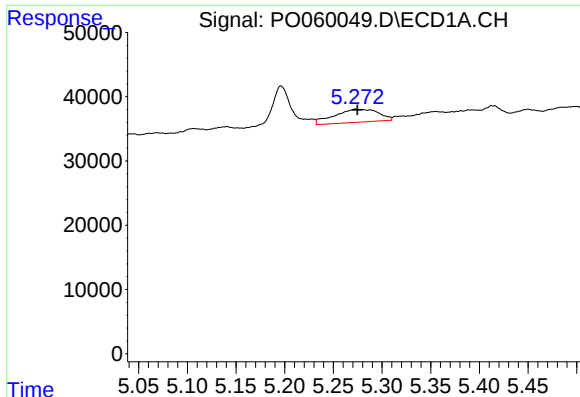
#2 Decachlorobiphenyl

R.T.: 9.582 min
Delta R.T.: -0.011 min
Response: 1252747
Conc: 23.55 ng/ml



#2 Decachlorobiphenyl

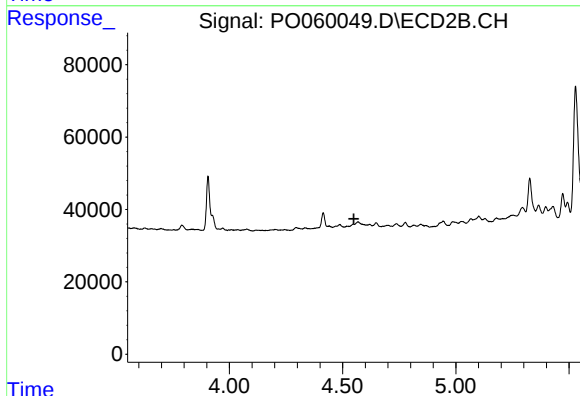
R.T.: 8.353 min
Delta R.T.: -0.006 min
Response: 814329
Conc: 20.20 ng/ml



#3 AR-1016-1

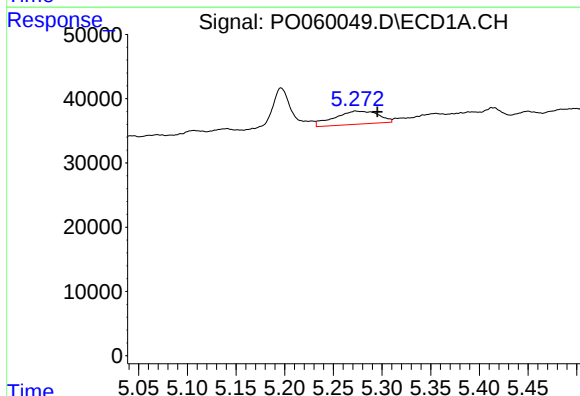
R.T.: 5.273 min
Delta R.T.: -0.002 min
Response: 64226
Conc: 40.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



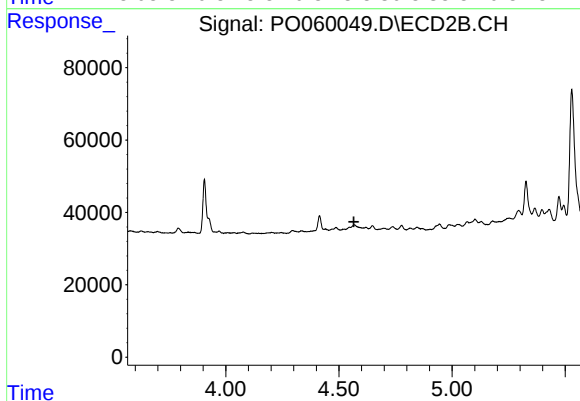
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



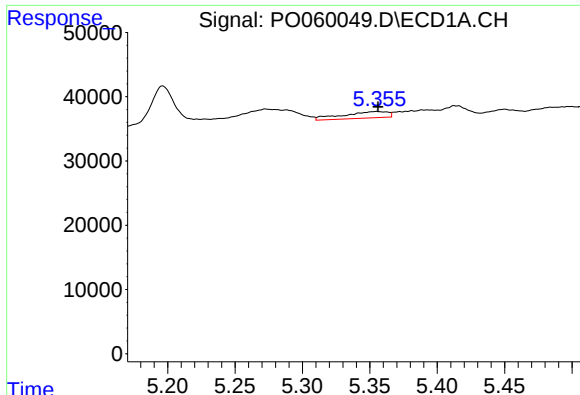
#4 AR-1016-2

R.T.: 5.273 min
Delta R.T.: -0.022 min
Response: 64226
Conc: 26.84 ng/ml



#4 AR-1016-2

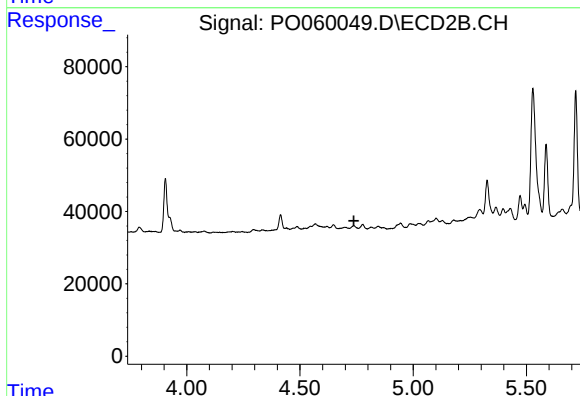
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

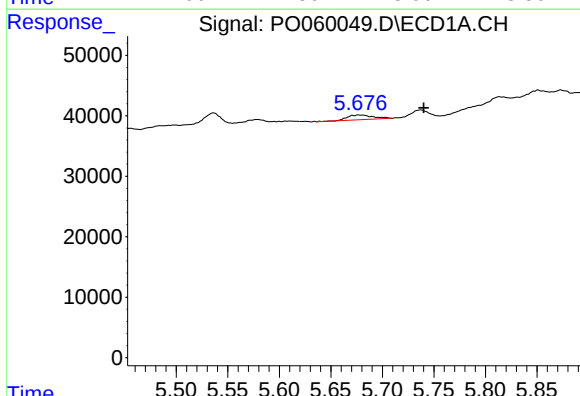
R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 23347
Conc: 15.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



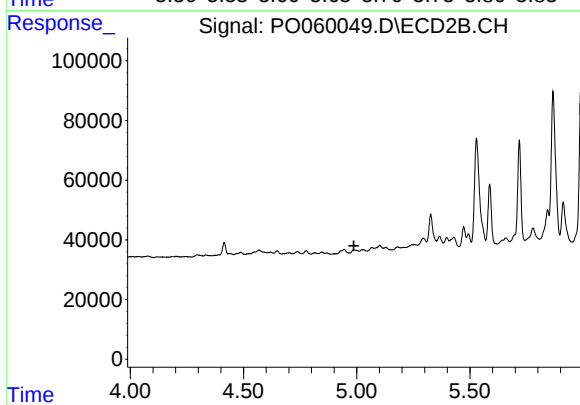
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



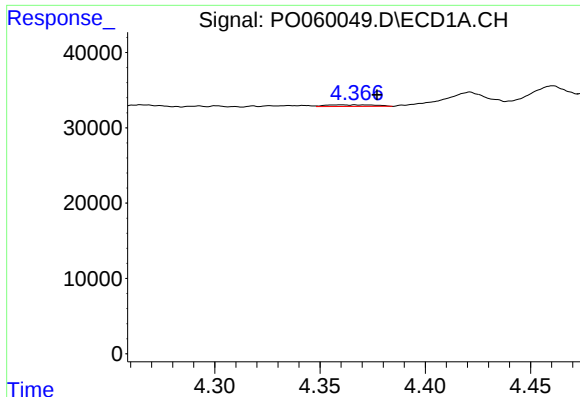
#7 AR-1016-5

R.T.: 5.678 min
Delta R.T.: -0.062 min
Response: 13453
Conc: 10.48 ng/ml



#7 AR-1016-5

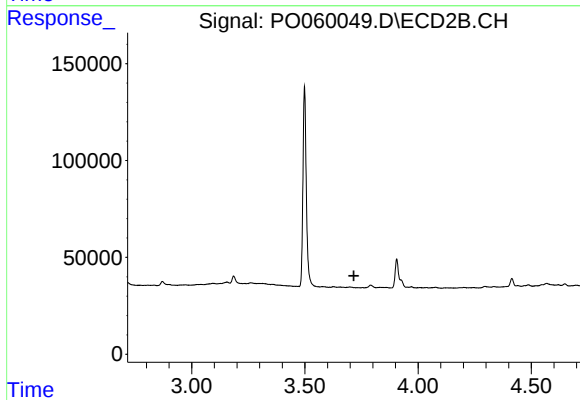
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#8 AR-1221-1

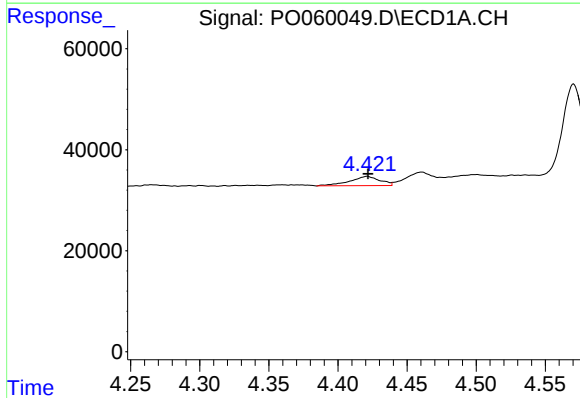
R.T.: 4.360 min
Delta R.T.: -0.017 min
Response: 3620
Conc: 8.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



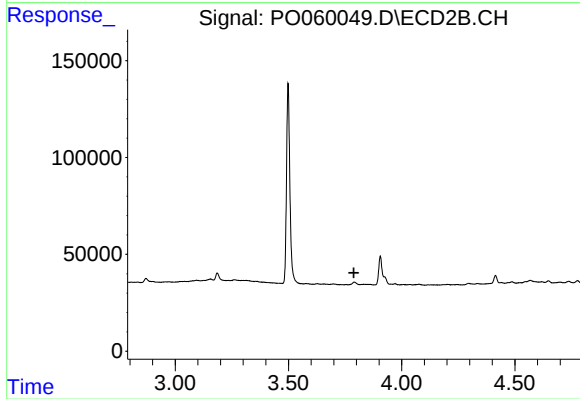
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



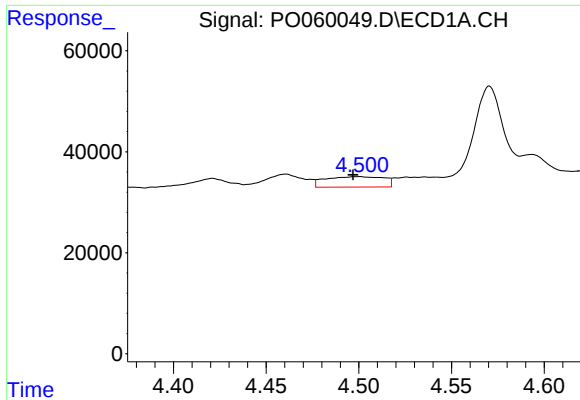
#9 AR-1221-2

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 27479
Conc: 84.60 ng/ml



#9 AR-1221-2

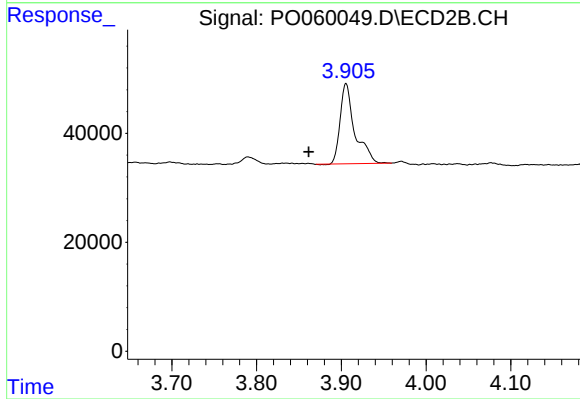
R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



#10 AR-1221-3

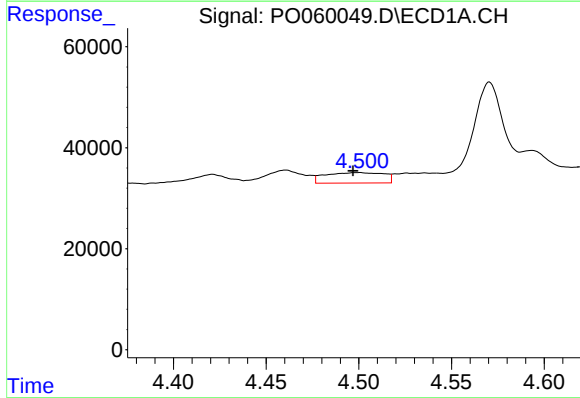
R.T.: 4.500 min
Delta R.T.: 0.003 min
Response: 45422
Conc: 43.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



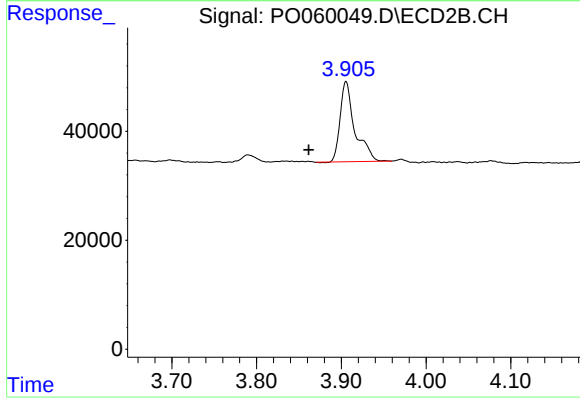
#10 AR-1221-3

R.T.: 3.906 min
Delta R.T.: 0.044 min
Response: 177719
Conc: 181.63 ng/ml



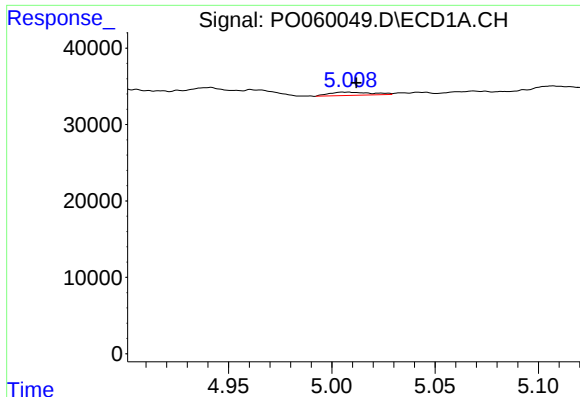
#11 AR-1232-1

R.T.: 4.500 min
Delta R.T.: 0.003 min
Response: 45422
Conc: 36.44 ng/ml



#11 AR-1232-1

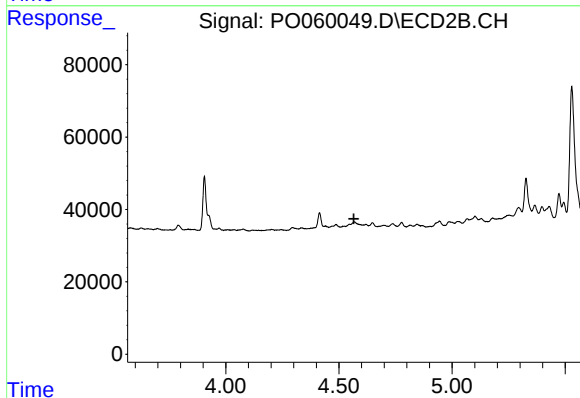
R.T.: 3.906 min
Delta R.T.: 0.044 min
Response: 177719
Conc: 155.88 ng/ml



#12 AR-1232-2

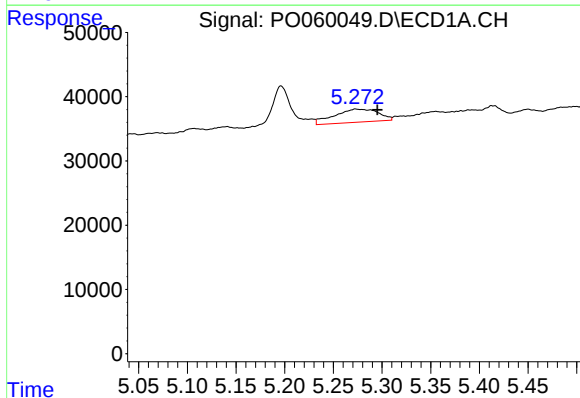
R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 6058
Conc: 8.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



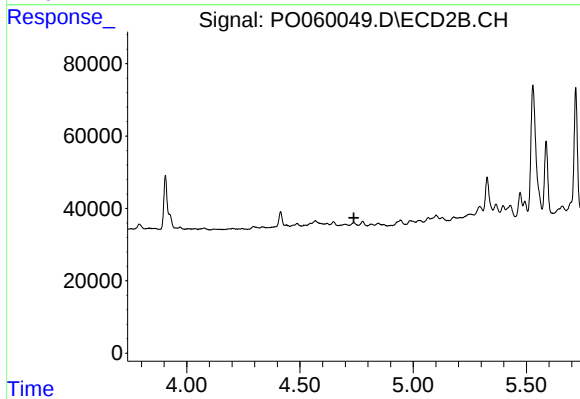
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



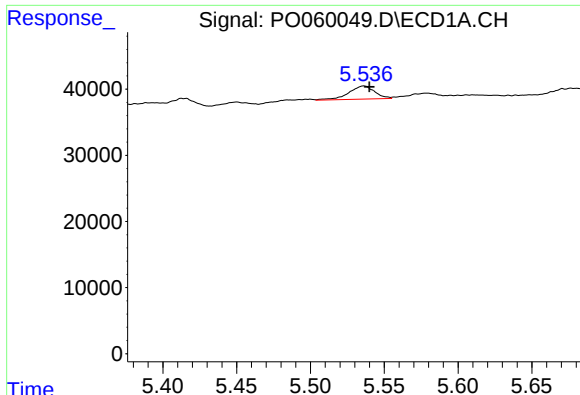
#13 AR-1232-3

R.T.: 5.273 min
Delta R.T.: -0.022 min
Response: 64226
Conc: 41.94 ng/ml



#13 AR-1232-3

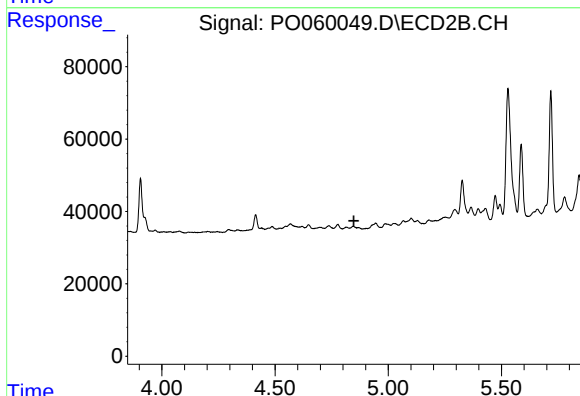
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#14 AR-1232-4

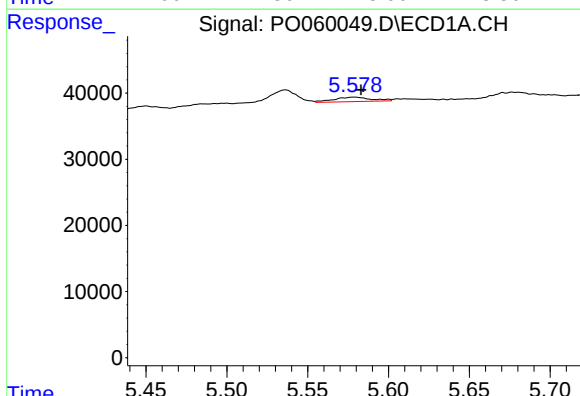
R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 23978
Conc: 30.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



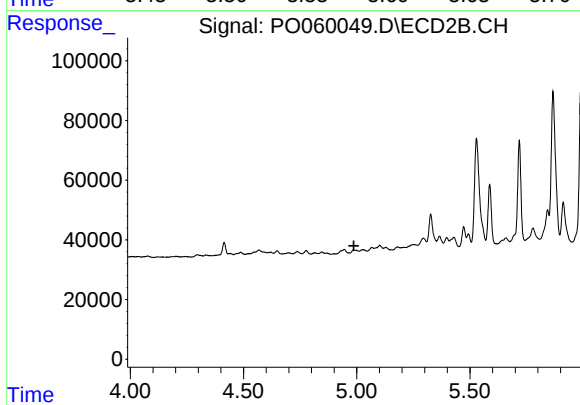
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



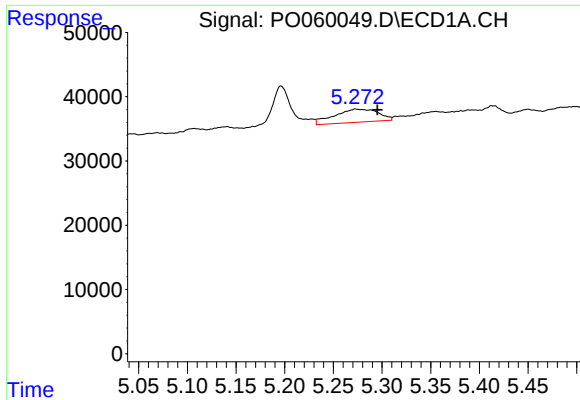
#15 AR-1232-5

R.T.: 5.579 min
Delta R.T.: -0.004 min
Response: 10636
Conc: 17.69 ng/ml



#15 AR-1232-5

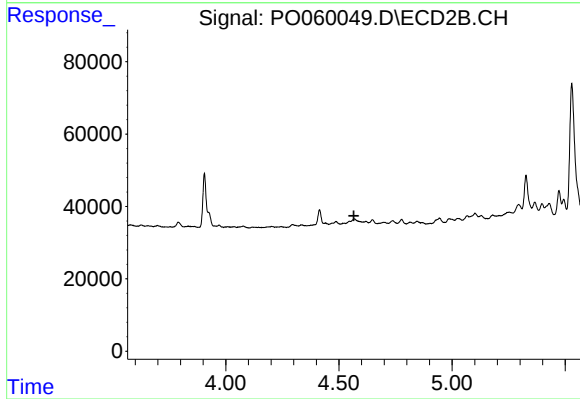
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#16 AR-1242-1

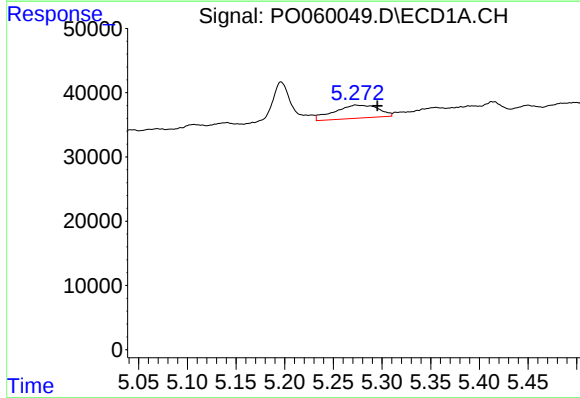
R.T.: 5.273 min
Delta R.T.: -0.022 min
Response: 64226
Conc: 50.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



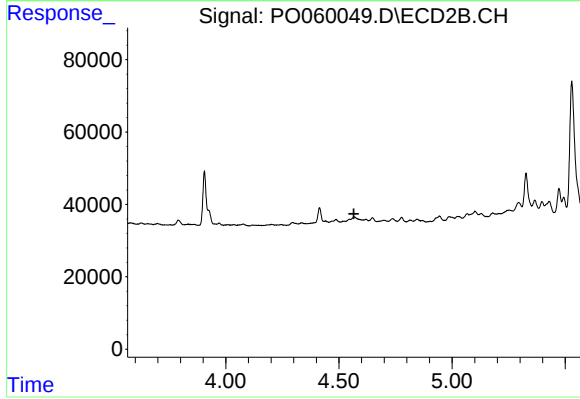
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



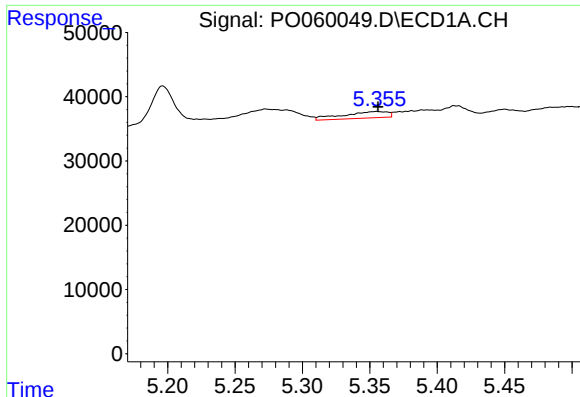
#17 AR-1242-2

R.T.: 5.273 min
Delta R.T.: -0.022 min
Response: 64226
Conc: 34.61 ng/ml



#17 AR-1242-2

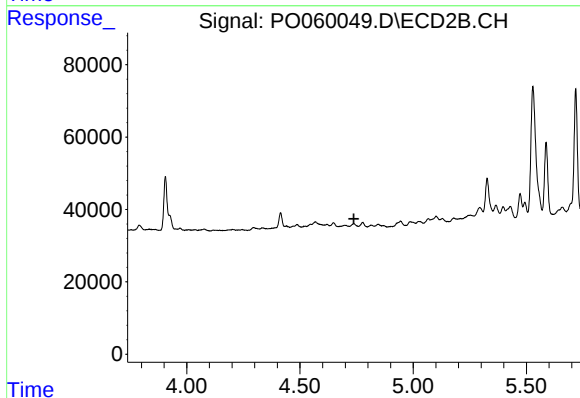
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#18 AR-1242-3

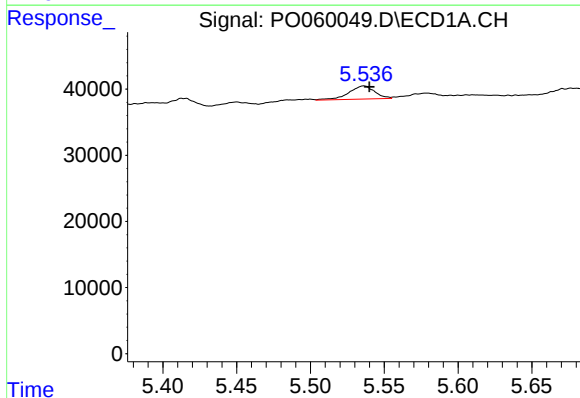
R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 23347
Conc: 19.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



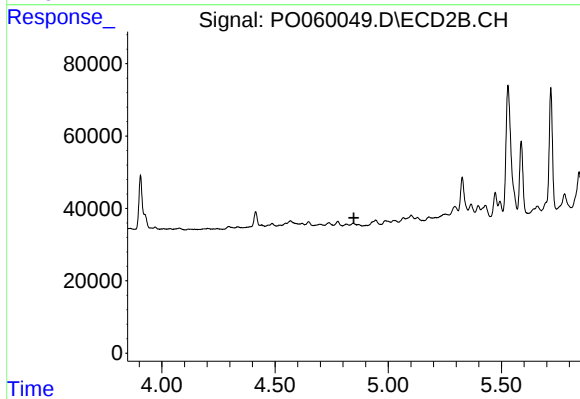
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



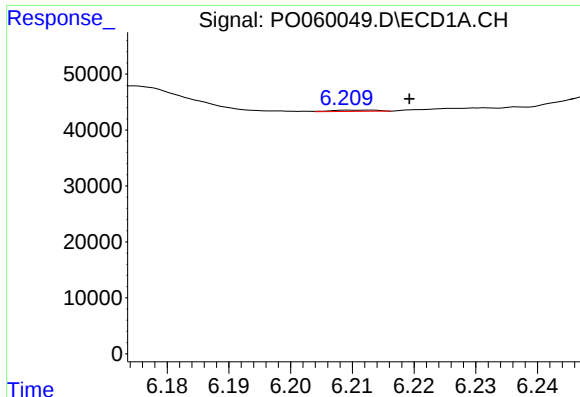
#19 AR-1242-4

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 23978
Conc: 24.77 ng/ml



#19 AR-1242-4

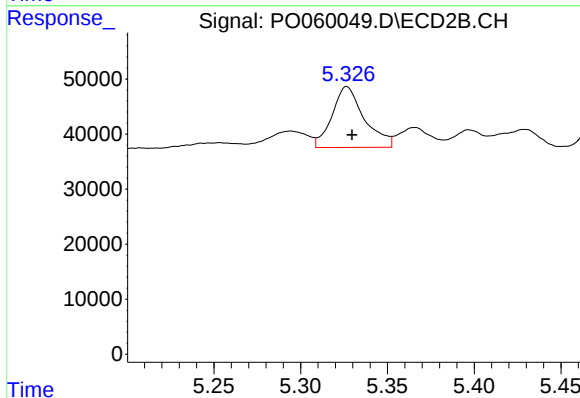
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#20 AR-1242-5

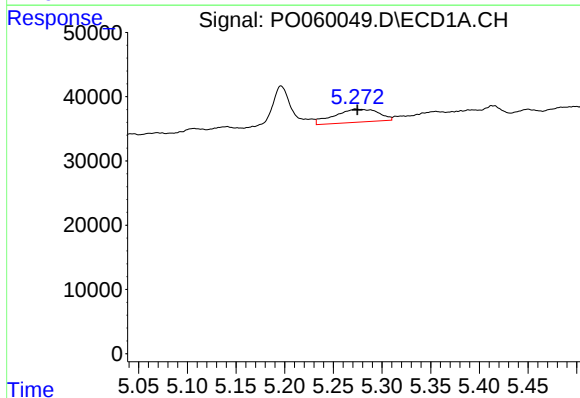
R.T.: 6.211 min
Delta R.T.: -0.008 min
Response: 1021
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



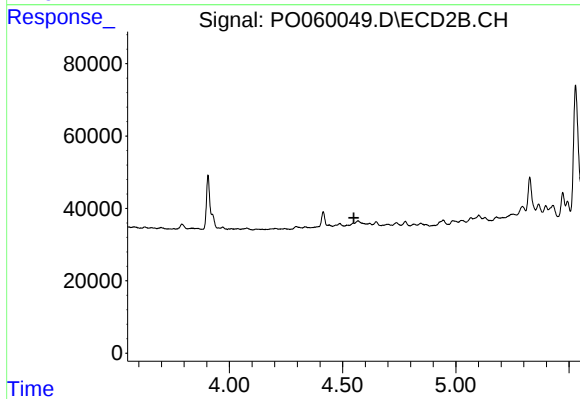
#20 AR-1242-5

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 142747
Conc: 127.61 ng/ml



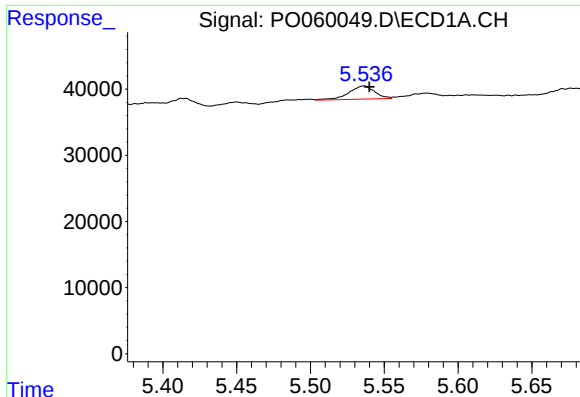
#21 AR-1248-1

R.T.: 5.273 min
Delta R.T.: -0.002 min
Response: 64226
Conc: 64.06 ng/ml



#21 AR-1248-1

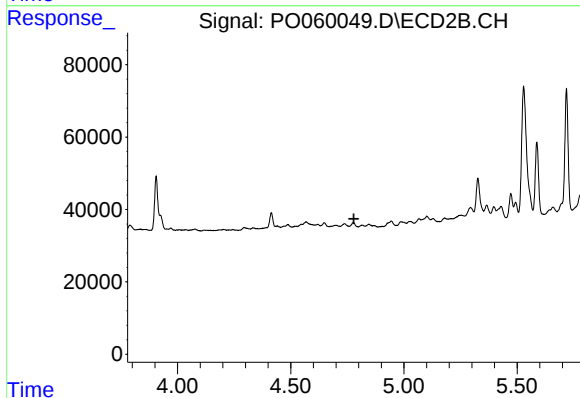
R.T.: 0.000 min
Exp R.T.: 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

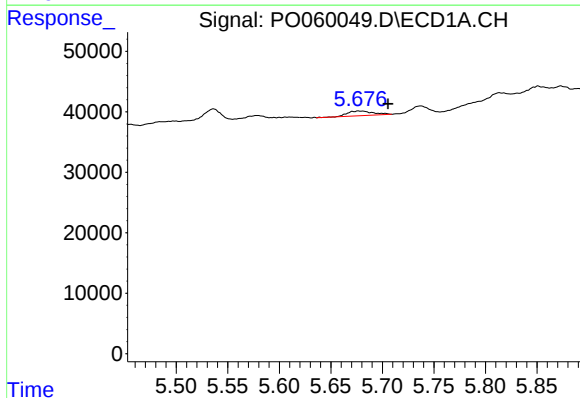
R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 23978
Conc: 16.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



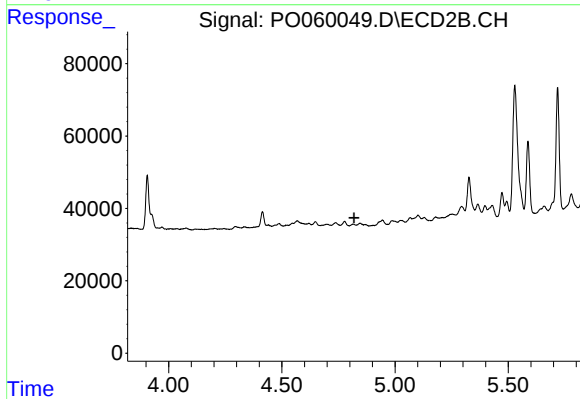
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



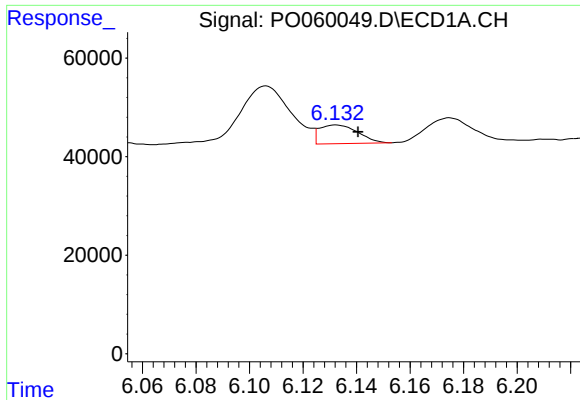
#23 AR-1248-3

R.T.: 5.678 min
Delta R.T.: -0.028 min
Response: 13453
Conc: 8.09 ng/ml



#23 AR-1248-3

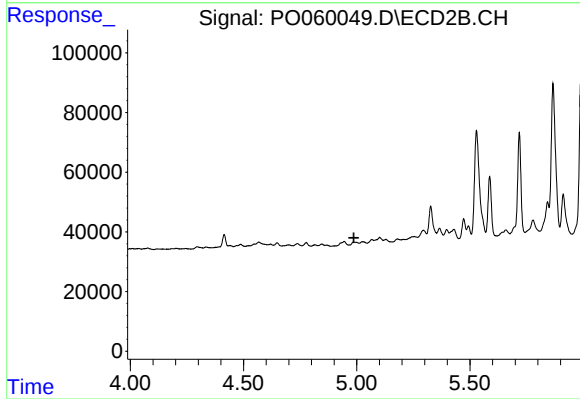
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#24 AR-1248-4

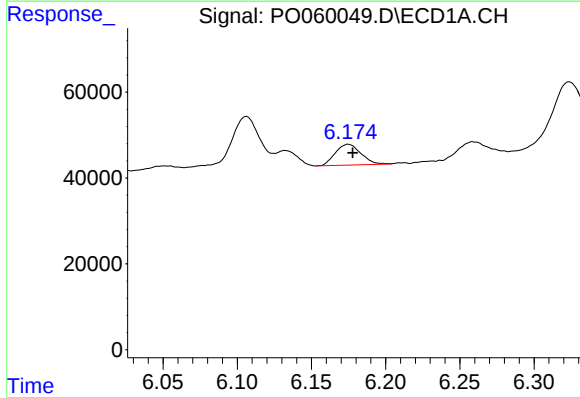
R.T.: 6.132 min
Delta R.T.: -0.008 min
Response: 38101
Conc: 18.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



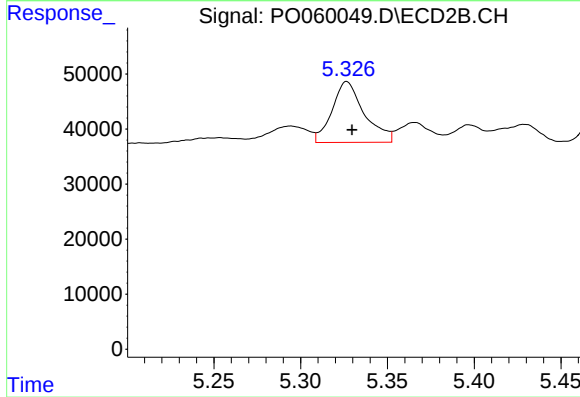
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



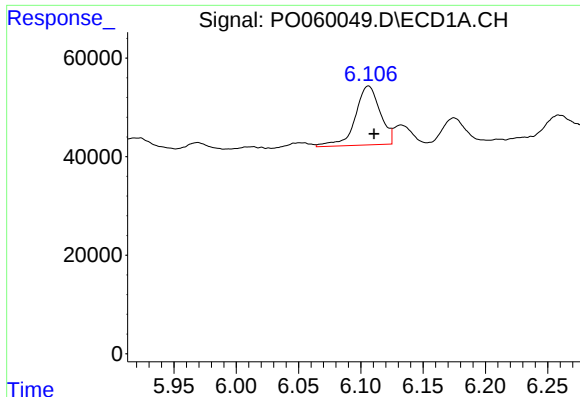
#25 AR-1248-5

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 58362
Conc: 29.43 ng/ml



#25 AR-1248-5

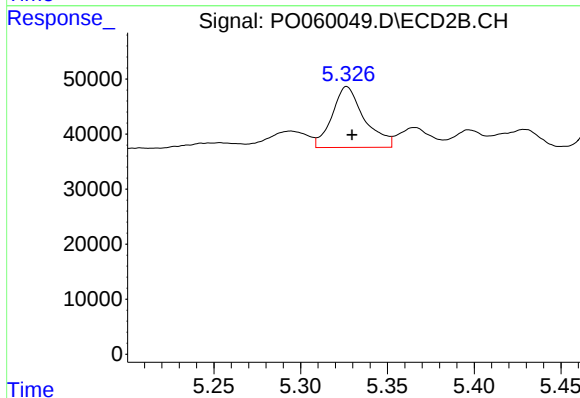
R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 142747
Conc: 99.73 ng/ml



#26 AR-1254-1

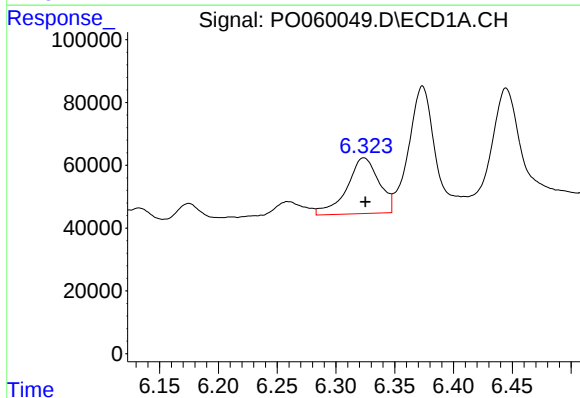
R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 165971
Conc: 79.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



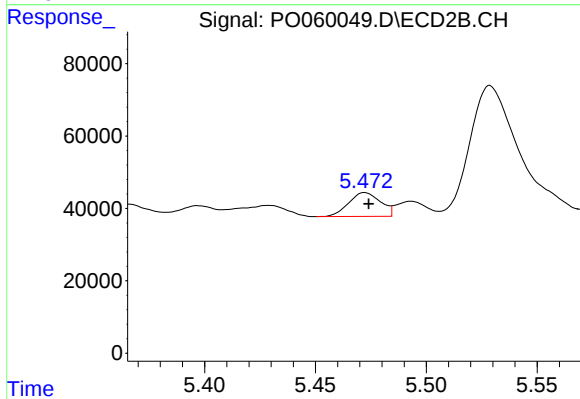
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 142747
Conc: 60.18 ng/ml



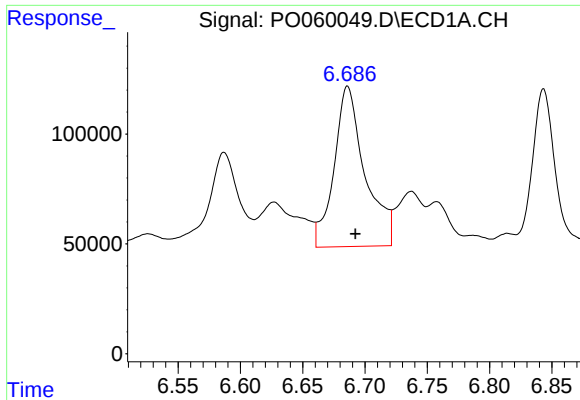
#27 AR-1254-2

R.T.: 6.324 min
Delta R.T.: -0.001 min
Response: 337907
Conc: 101.28 ng/ml



#27 AR-1254-2

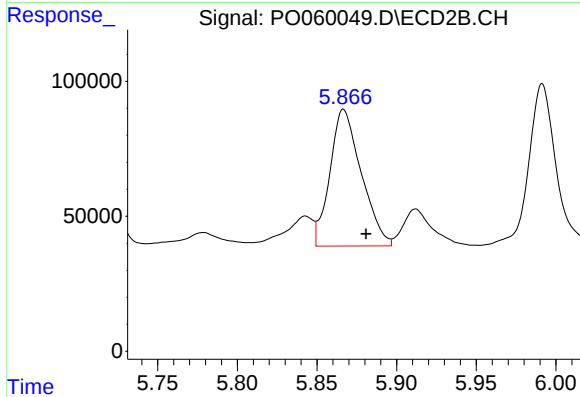
R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 65770
Conc: 31.34 ng/ml



#28 AR-1254-3

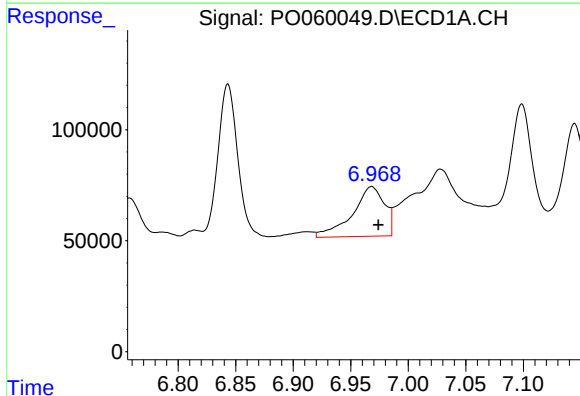
R.T.: 6.686 min
Delta R.T.: -0.006 min
Response: 1258285
Conc: 354.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



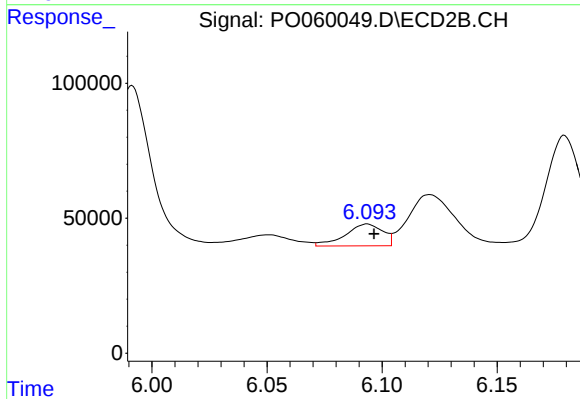
#28 AR-1254-3

R.T.: 5.867 min
Delta R.T.: -0.014 min
Response: 694438
Conc: 206.52 ng/ml



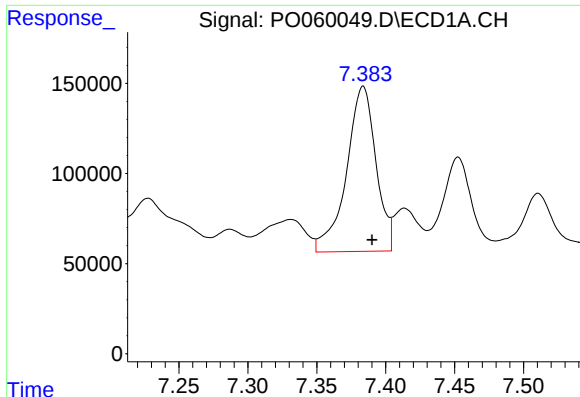
#29 AR-1254-4

R.T.: 6.968 min
Delta R.T.: -0.006 min
Response: 433871
Conc: 147.30 ng/ml



#29 AR-1254-4

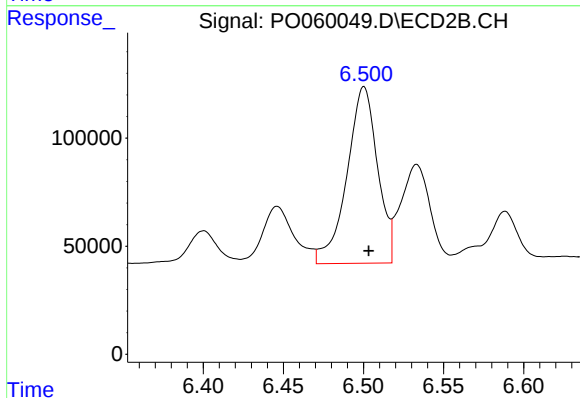
R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 91242
Conc: 44.25 ng/ml



#30 AR-1254-5

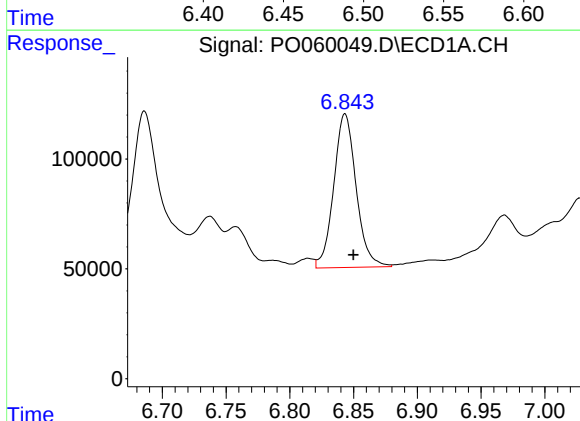
R.T.: 7.384 min
Delta R.T.: -0.006 min
Response: 1365106
Conc: 441.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



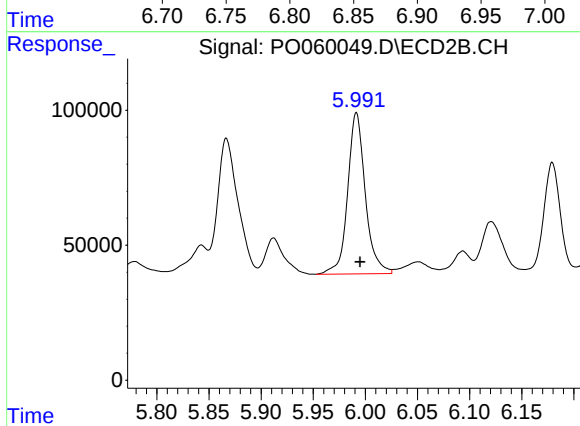
#30 AR-1254-5

R.T.: 6.500 min
Delta R.T.: -0.003 min
Response: 1085727
Conc: 349.67 ng/ml



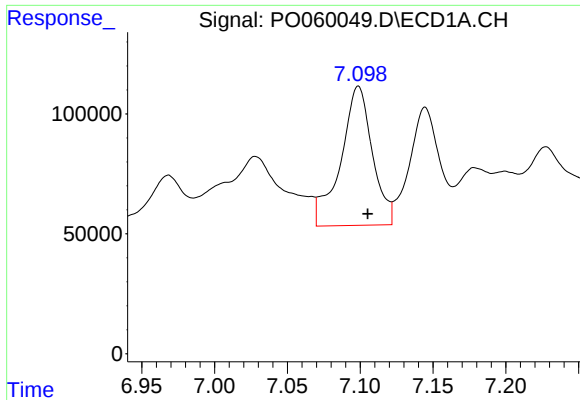
#31 AR-1260-1

R.T.: 6.843 min
Delta R.T.: -0.006 min
Response: 855361
Conc: 317.29 ng/ml



#31 AR-1260-1

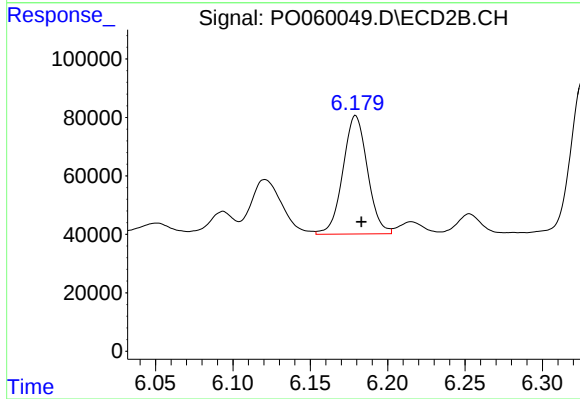
R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 703956
Conc: 308.90 ng/ml



#32 AR-1260-2

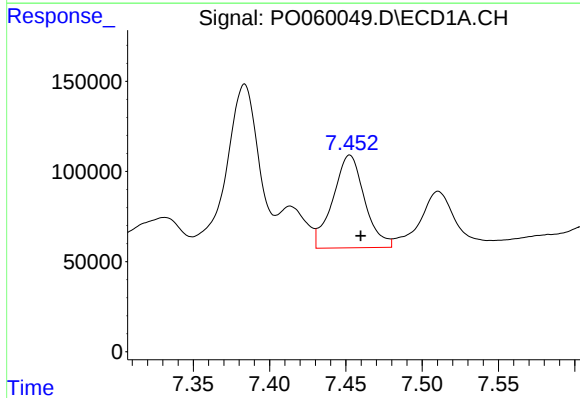
R.T.: 7.099 min
Delta R.T.: -0.007 min
Response: 877238
Conc: 236.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



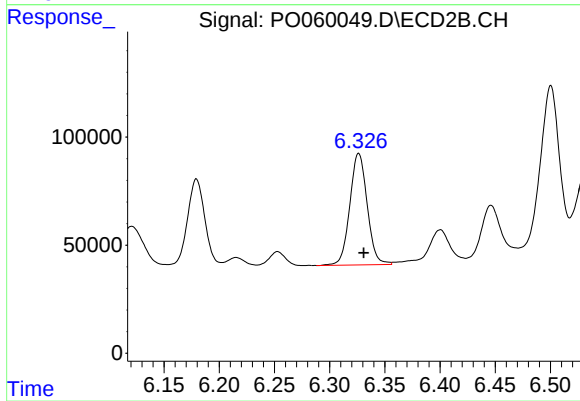
#32 AR-1260-2

R.T.: 6.179 min
Delta R.T.: -0.004 min
Response: 447261
Conc: 152.66 ng/ml



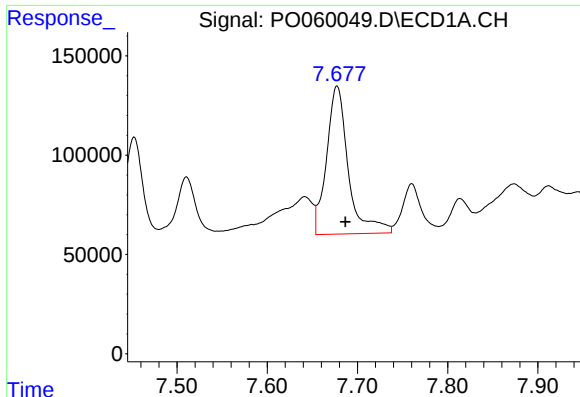
#33 AR-1260-3

R.T.: 7.453 min
Delta R.T.: -0.007 min
Response: 745495
Conc: 227.54 ng/ml



#33 AR-1260-3

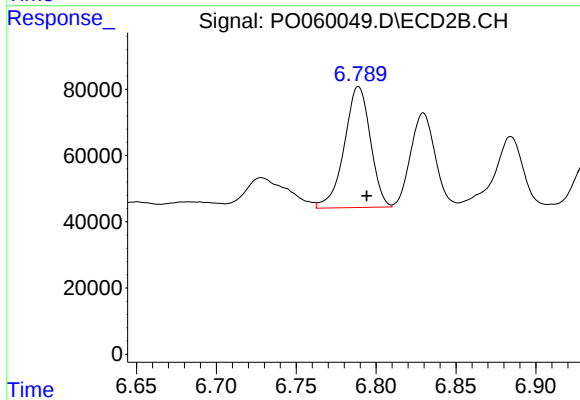
R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 566631
Conc: 213.89 ng/ml



#34 AR-1260-4

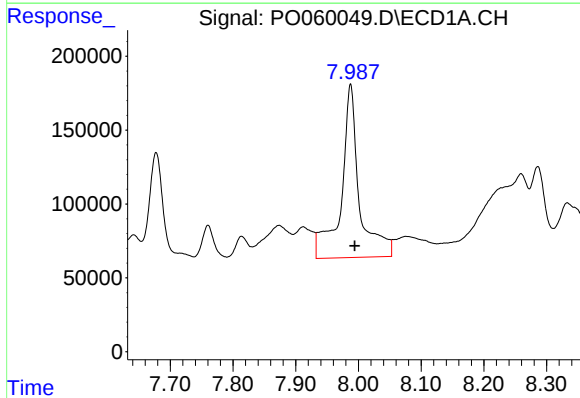
R.T.: 7.677 min
Delta R.T.: -0.009 min
Response: 1250476
Conc: 407.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



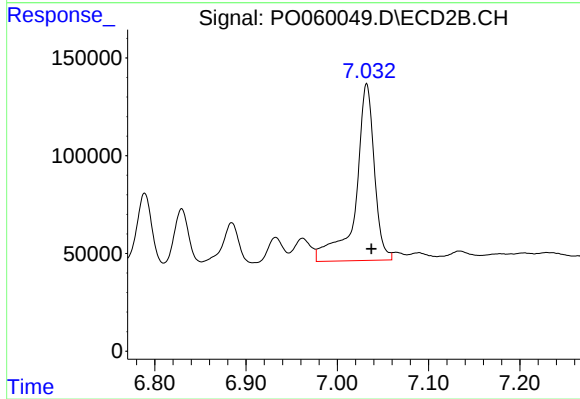
#34 AR-1260-4

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 415194
Conc: 183.50 ng/ml



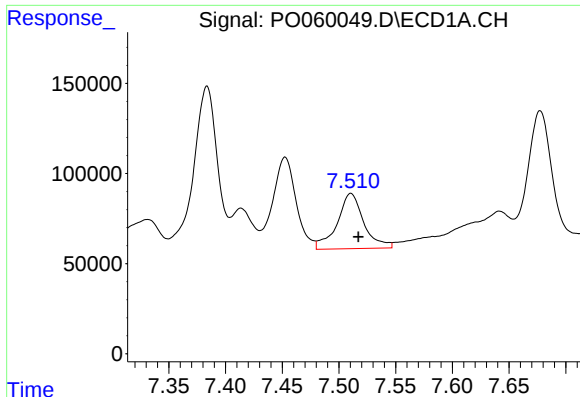
#35 AR-1260-5

R.T.: 7.988 min
Delta R.T.: -0.007 min
Response: 2345395
Conc: 331.23 ng/ml



#35 AR-1260-5

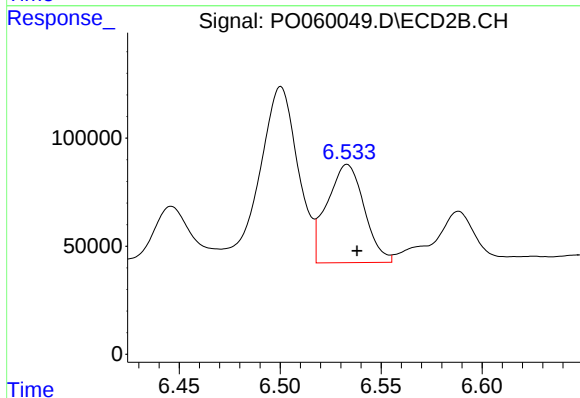
R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 1277755
Conc: 232.18 ng/ml



#36 AR-1262-1

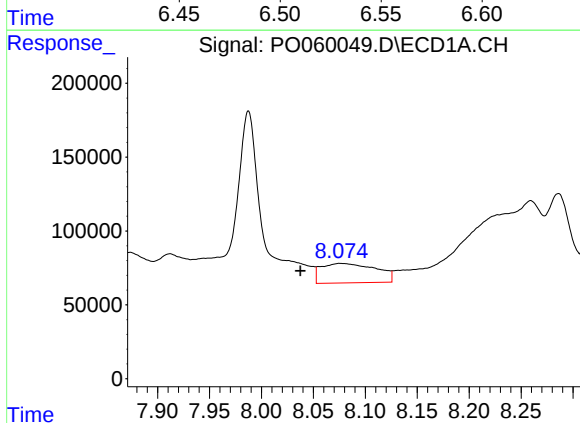
R.T.: 7.511 min
Delta R.T.: -0.007 min
Response: 501893
Conc: 103.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



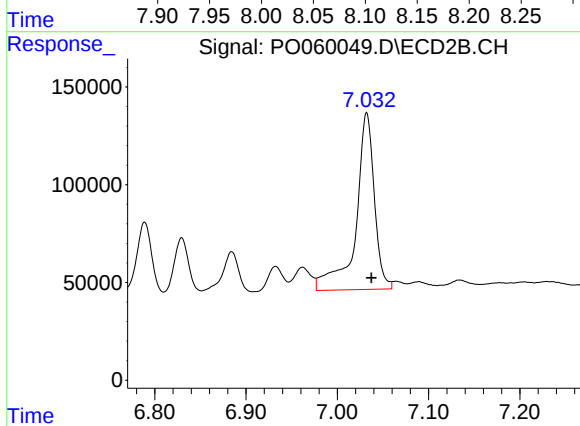
#36 AR-1262-1

R.T.: 6.533 min
Delta R.T.: -0.005 min
Response: 581979
Conc: 156.13 ng/ml



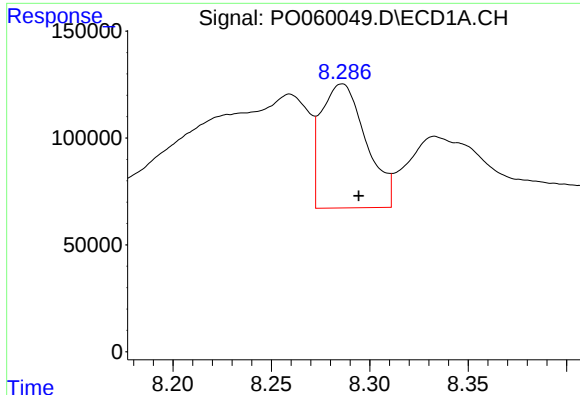
#37 AR-1262-2

R.T.: 8.076 min
Delta R.T.: 0.038 min
Response: 482978
Conc: 62.60 ng/ml



#37 AR-1262-2

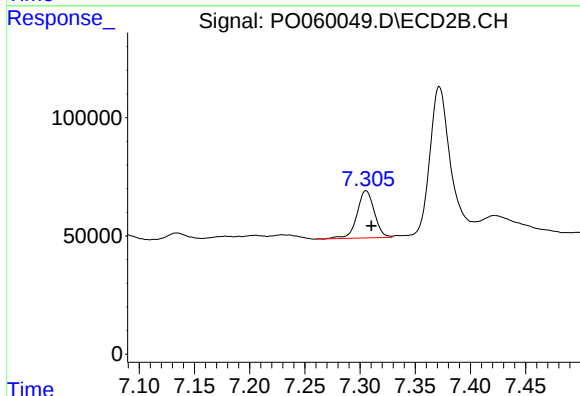
R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 1277755
Conc: 217.34 ng/ml



#38 AR-1262-3

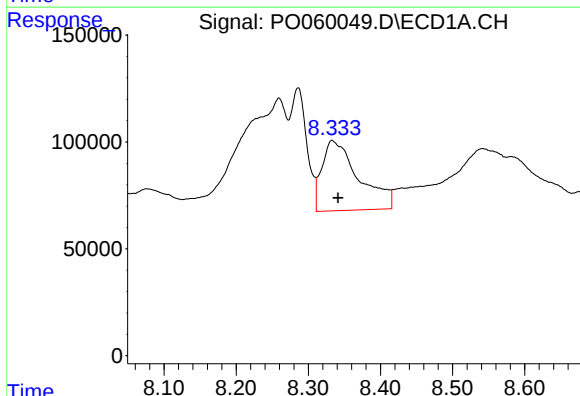
R.T.: 8.286 min
Delta R.T.: -0.009 min
Response: 921551
Conc: 180.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



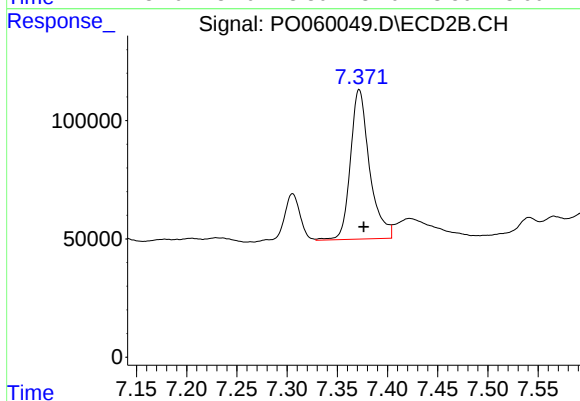
#38 AR-1262-3

R.T.: 7.305 min
Delta R.T.: -0.005 min
Response: 216711
Conc: 85.29 ng/ml



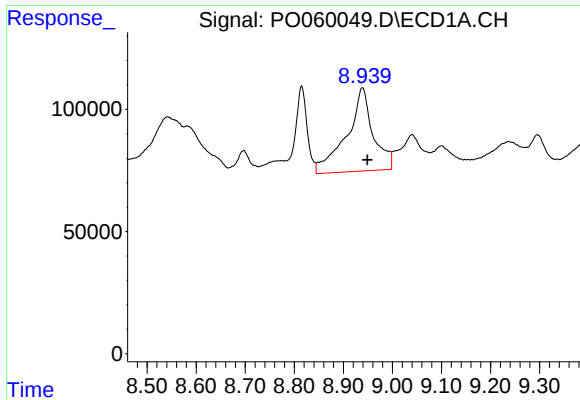
#39 AR-1262-4

R.T.: 8.333 min
Delta R.T.: -0.008 min
Response: 1164257
Conc: 302.03 ng/ml



#39 AR-1262-4

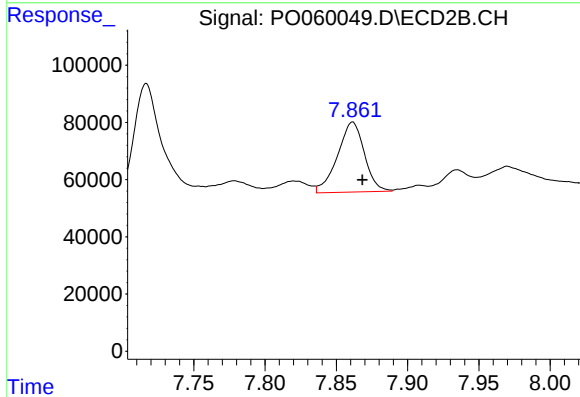
R.T.: 7.372 min
Delta R.T.: -0.004 min
Response: 837525
Conc: 189.53 ng/ml



#40 AR-1262-5

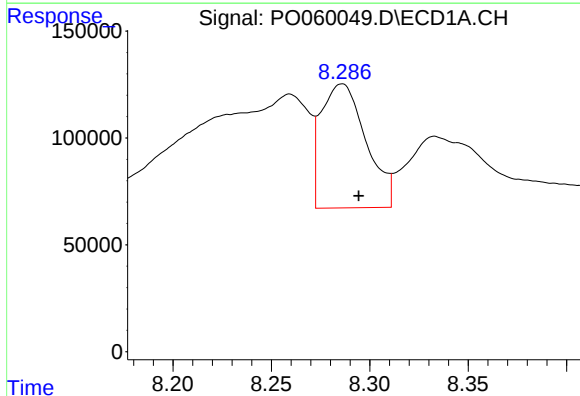
R.T.: 8.939 min
Delta R.T.: -0.010 min
Response: 1277979
Conc: 497.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



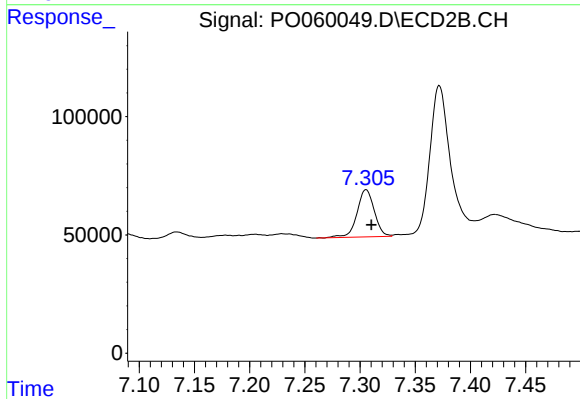
#40 AR-1262-5

R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 320927
Conc: 177.74 ng/ml



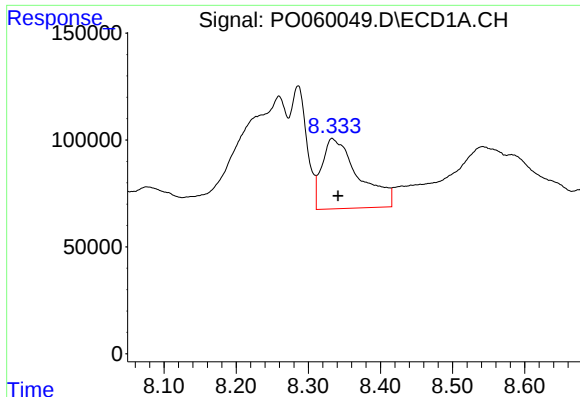
#41 AR-1268-1

R.T.: 8.286 min
Delta R.T.: -0.009 min
Response: 921551
Conc: 97.93 ng/ml



#41 AR-1268-1

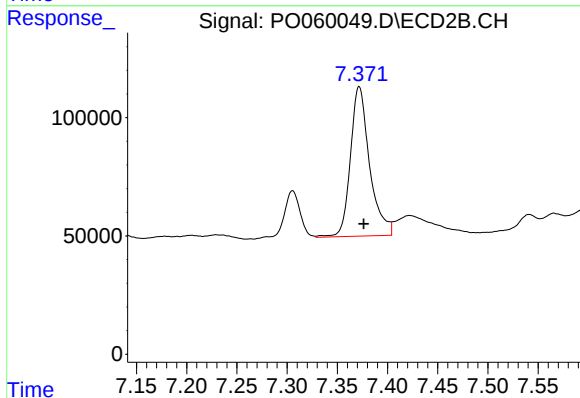
R.T.: 7.305 min
Delta R.T.: -0.005 min
Response: 216711
Conc: 30.43 ng/ml



#42 AR-1268-2

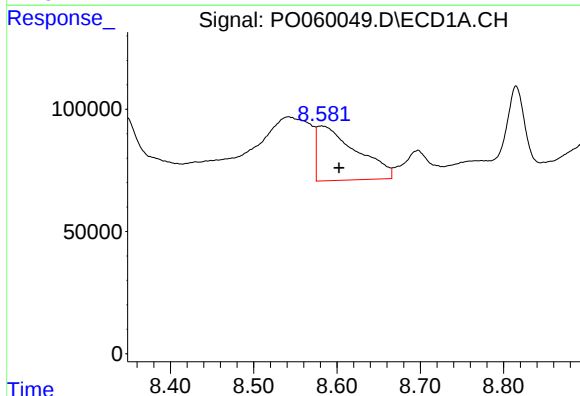
R.T.: 8.333 min
Delta R.T.: -0.008 min
Response: 1164257
Conc: 147.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



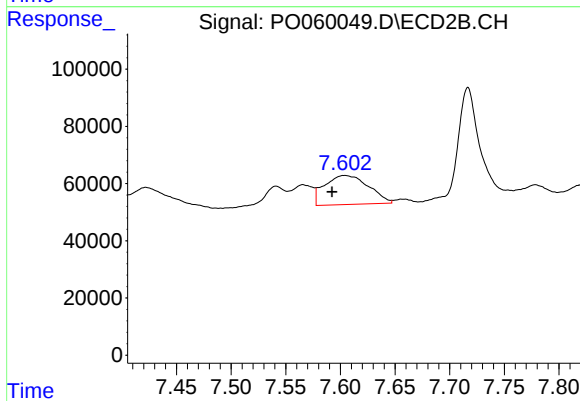
#42 AR-1268-2

R.T.: 7.372 min
Delta R.T.: -0.004 min
Response: 837525
Conc: 129.89 ng/ml



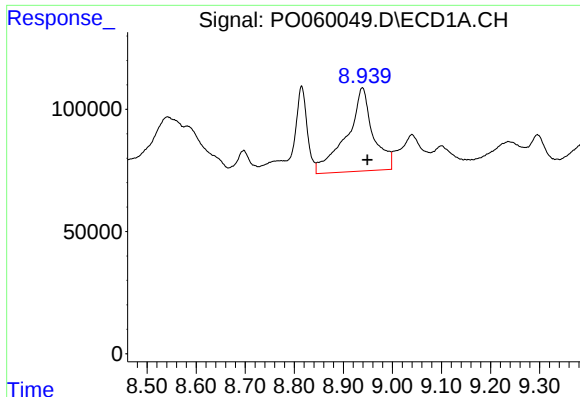
#43 AR-1268-3

R.T.: 8.581 min
Delta R.T.: -0.021 min
Response: 733723
Conc: 104.09 ng/ml



#43 AR-1268-3

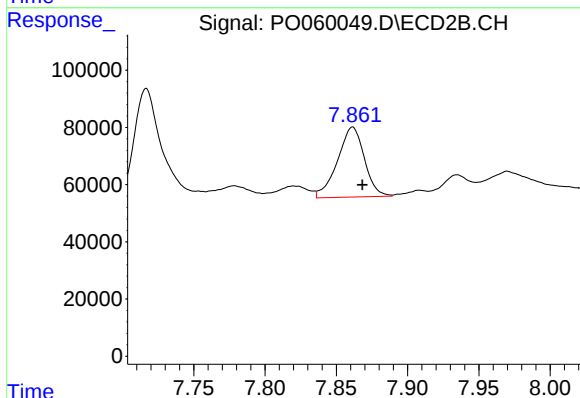
R.T.: 7.604 min
Delta R.T.: 0.011 min
Response: 284757
Conc: 52.04 ng/ml



#44 AR-1268-4

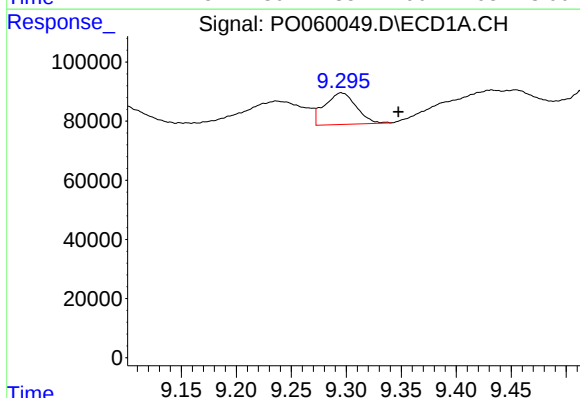
R.T.: 8.939 min
Delta R.T.: -0.010 min
Response: 1277979
Conc: 459.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
T7-S-G1-G4



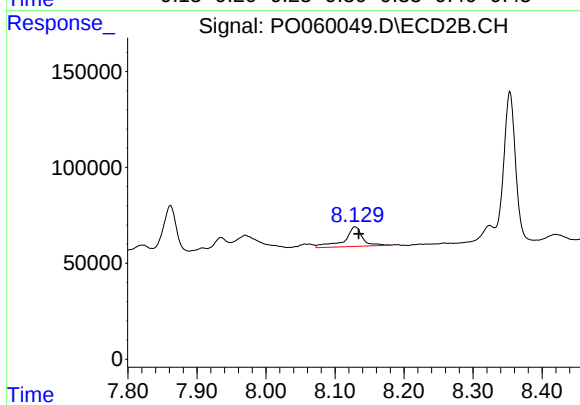
#44 AR-1268-4

R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 320927
Conc: 157.22 ng/ml



#45 AR-1268-5

R.T.: 9.295 min
Delta R.T.: -0.052 min
Response: 213520
Conc: 11.58 ng/ml



#45 AR-1268-5

R.T.: 8.129 min
Delta R.T.: -0.006 min
Response: 186873
Conc: 12.86 ng/ml