

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090319\
 Data File : P0060274.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Sep 2019 1:20
 Operator : SM/AJ
 Sample : K4554-28
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SB-6-(6-8)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 04:04:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.111	3.492	1021605	846686	29.178	23.522
2)	SA Decachlor...	9.560	8.342	1077622	873920	20.256	21.674
Target Compounds							
3)	L1 AR-1016-1	5.302	0.000	212	0	0.132	N.D. #
4)	L1 AR-1016-2	5.302	0.000	212	0	0.089	N.D. #
5)	L1 AR-1016-3	5.336	0.000	1056	0	0.709	N.D. #
6)	L1 AR-1016-4	5.381	0.000	2069	0	1.710	N.D. #
7)	L1 AR-1016-5	5.725	0.000	6288	0	4.897	N.D. #
8)	L2 AR-1221-1	4.355	0.000	2608	0	6.158	N.D. #
9)	L2 AR-1221-2	4.411	0.000	15211	0	46.833	N.D. #
10)	L2 AR-1221-3	4.483	0.000	2935	0	2.790	N.D. #
11)	L3 AR-1232-1	4.483	0.000	2935	0	2.354	N.D. #
12)	L3 AR-1232-2	4.993	0.000	2328	0	3.296	N.D. #
13)	L3 AR-1232-3	5.302	0.000	212	0	0.138	N.D. #
14)	L3 AR-1232-4	5.556	0.000	2476	0	3.167	N.D. #
15)	L3 AR-1232-5	5.556	0.000	2476	0	4.119	N.D. #
16)	L4 AR-1242-1	5.302	0.000	212	0	0.167	N.D. #
17)	L4 AR-1242-2	5.302	0.000	212	0	0.114	N.D. #
18)	L4 AR-1242-3	5.336	0.000	1056	0	0.903	N.D. #
19)	L4 AR-1242-4	5.556	0.000	2476	0	2.559	N.D. #
20)	L4 AR-1242-5	6.243	5.318	12981	31441	10.330	28.107 #
21)	L5 AR-1248-1	5.302	0.000	212	0	0.211	N.D. #
22)	L5 AR-1248-2	5.556	0.000	2476	0	1.707	N.D. #
23)	L5 AR-1248-3	5.725	0.000	6288	0	3.783	N.D. #
24)	L5 AR-1248-4	6.159	0.000	8143	0	3.984	N.D. #
25)	L5 AR-1248-5	6.159	5.318	8143	31441	4.106	21.967 #
26)	L6 AR-1254-1	6.094	5.318	64683	31441	31.002	13.256 #
27)	L6 AR-1254-2	6.307	5.463	77769	44099	23.310	21.016
28)	L6 AR-1254-3	6.672	5.859	79033	103841	22.273	30.882 #
29)	L6 AR-1254-4	6.955	6.083	75236	41958	25.542	20.350
30)	L6 AR-1254-5	7.369	6.492	243256	151157	78.663	48.682 #
31)	L7 AR-1260-1	6.829	5.983	115192	93717	42.730	41.124
32)	L7 AR-1260-2	7.084	6.170	174582	131078	47.051	44.738
33)	L7 AR-1260-3	7.438	6.318	94308	97993	28.785	36.991 #
34)	L7 AR-1260-4	7.664	6.780	128682	59578	41.898	26.332 #
35)	L7 AR-1260-5	7.972	7.023	256808	156451	36.268	28.428
36)	L8 AR-1262-1	7.495	6.524	53197	82009	10.962	22.001 #
37)	L8 AR-1262-2	8.017	7.023	65026	156451	8.428	26.612 #
38)	L8 AR-1262-3	8.316	7.296	168882	17983	33.099	7.077 #
39)	L8 AR-1262-4	8.316	7.362	168882	109198	43.812	24.711 #
40)	L8 AR-1262-5	8.920	7.855	162707	26690	63.395	14.782 #
41)	L9 AR-1268-1	8.316	7.296	168882	17983	17.946	2.525 #

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Acq On : 04 Sep 2019 1:20
Operator : SM/AJ
Sample : K4554-28
Misc :
ALS Vial : 51 Sample Multiplier: 1

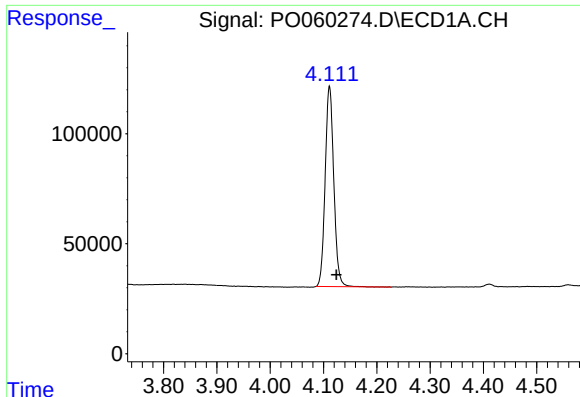
Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 04 04:04:27 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.316	7.362	168882	109198	21.424	16.935
43)	L9 AR-1268-3	8.630	0.000	166442	0	23.613	N.D. #
44)	L9 AR-1268-4	8.920	7.855	162707	26690	58.527	13.075 #
45)	L9 AR-1268-5	9.374	8.118	33510	19152	1.817	1.318 #

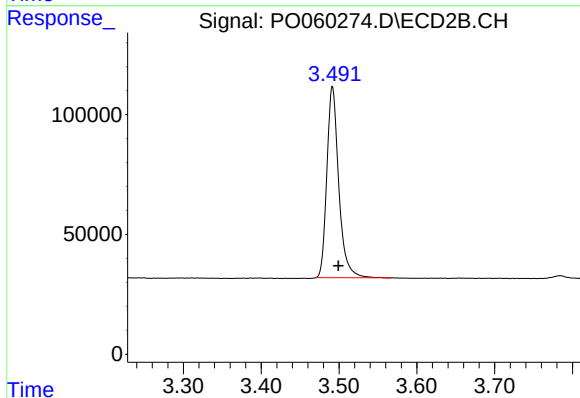
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

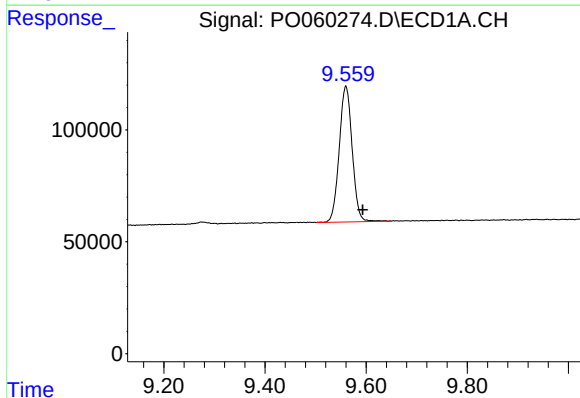
R.T.: 4.111 min
Delta R.T.: -0.013 min
Response: 1021605
Conc: 29.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



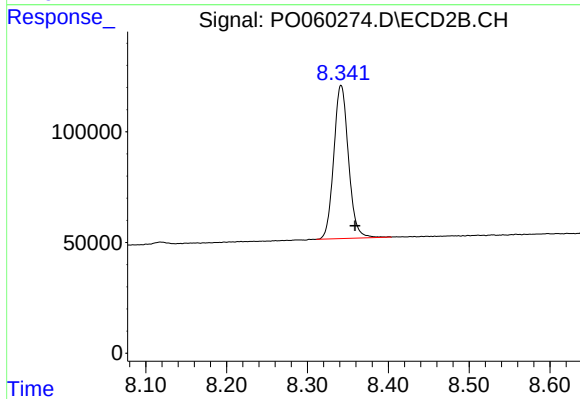
#1 Tetrachloro-m-xylene

R.T.: 3.492 min
Delta R.T.: -0.008 min
Response: 846686
Conc: 23.52 ng/ml



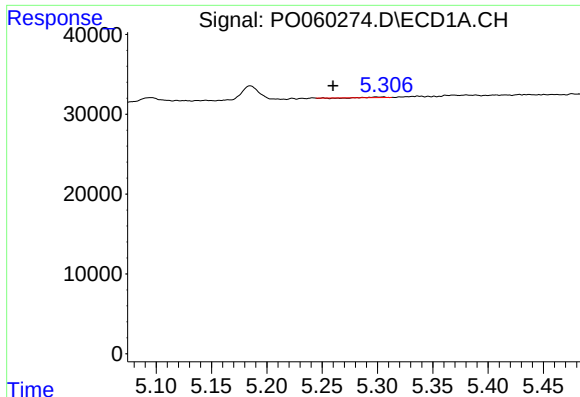
#2 Decachlorobiphenyl

R.T.: 9.560 min
Delta R.T.: -0.033 min
Response: 1077622
Conc: 20.26 ng/ml



#2 Decachlorobiphenyl

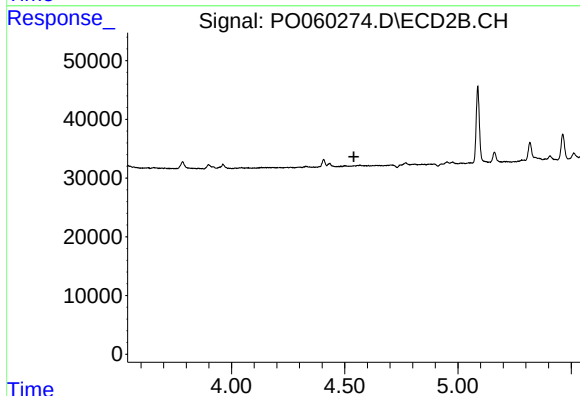
R.T.: 8.342 min
Delta R.T.: -0.017 min
Response: 873920
Conc: 21.67 ng/ml



#3 AR-1016-1

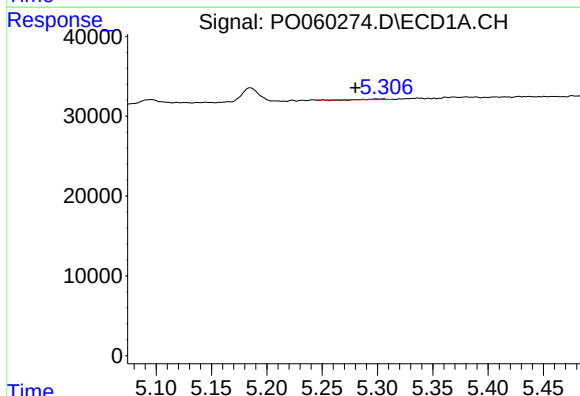
R.T.: 5.302 min
Delta R.T.: 0.042 min
Response: 212
Conc: 0.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



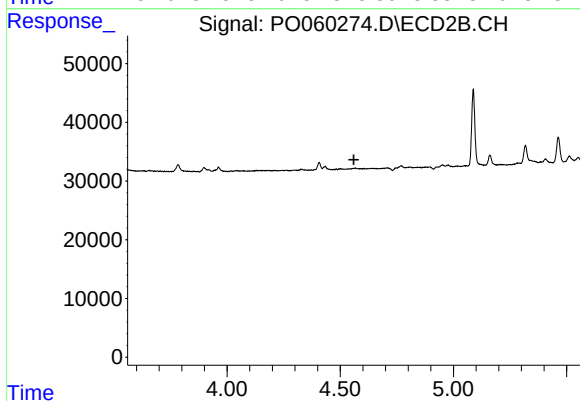
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.540 min
Response: 0
Conc: N.D.



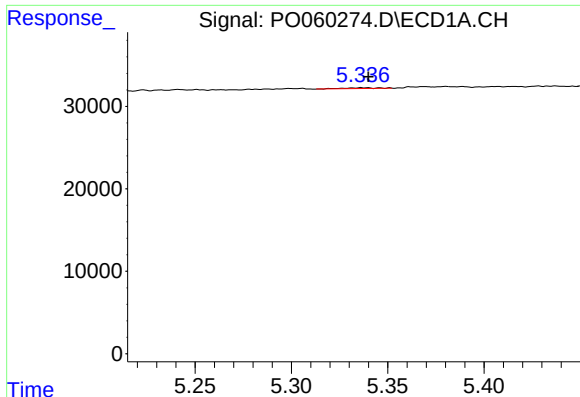
#4 AR-1016-2

R.T.: 5.302 min
Delta R.T.: 0.022 min
Response: 212
Conc: 0.09 ng/ml



#4 AR-1016-2

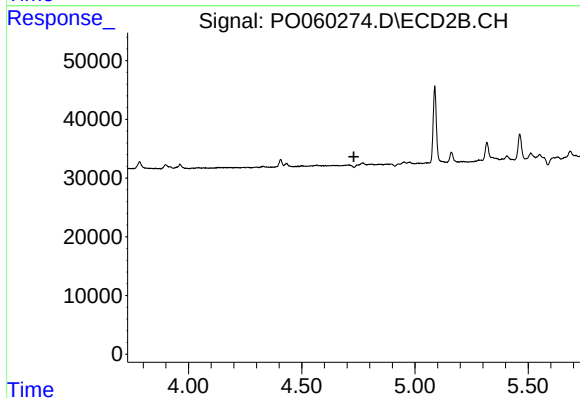
R.T.: 0.000 min
Exp R.T. : 4.560 min
Response: 0
Conc: N.D.



#5 AR-1016-3

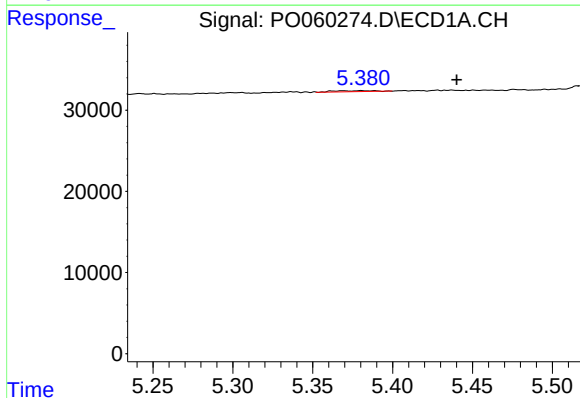
R.T.: 5.336 min
Delta R.T.: -0.004 min
Response: 1056
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



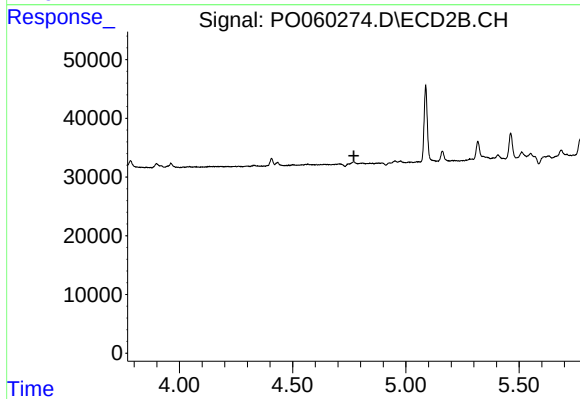
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.730 min
Response: 0
Conc: N.D.



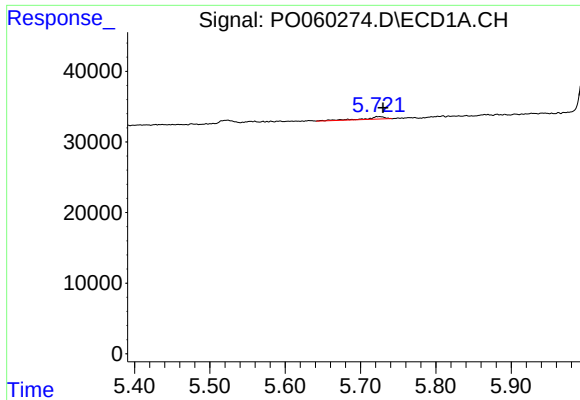
#6 AR-1016-4

R.T.: 5.381 min
Delta R.T.: -0.059 min
Response: 2069
Conc: 1.71 ng/ml



#6 AR-1016-4

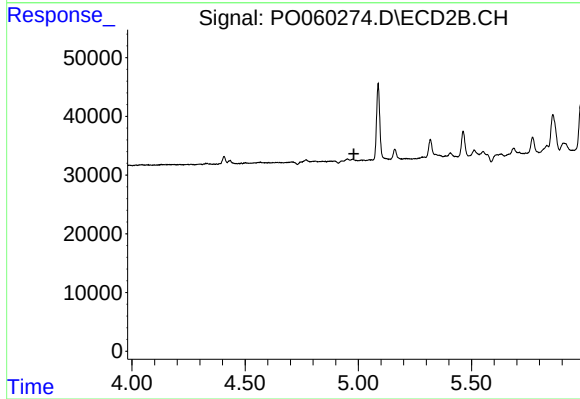
R.T.: 0.000 min
Exp R.T. : 4.770 min
Response: 0
Conc: N.D.



#7 AR-1016-5

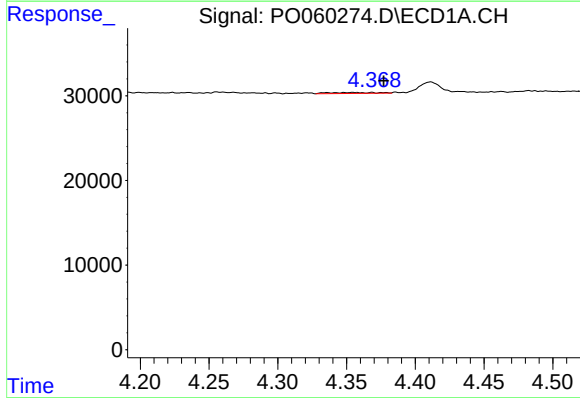
R.T.: 5.725 min
Delta R.T.: -0.005 min
Response: 6288
Conc: 4.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



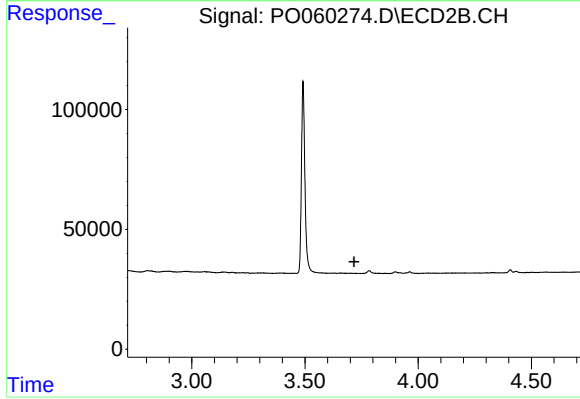
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.980 min
Response: 0
Conc: N.D.



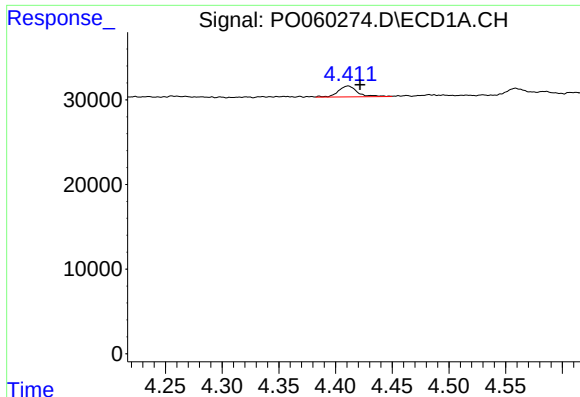
#8 AR-1221-1

R.T.: 4.355 min
Delta R.T.: -0.022 min
Response: 2608
Conc: 6.16 ng/ml



#8 AR-1221-1

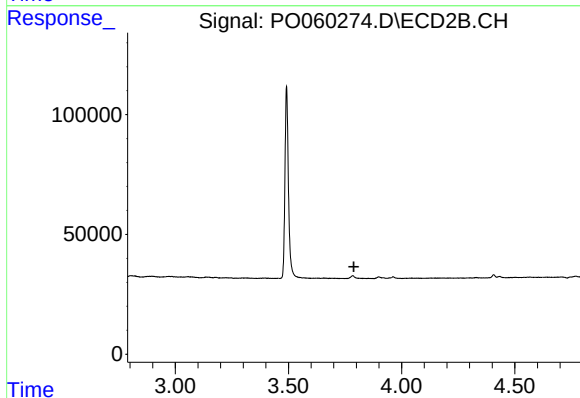
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

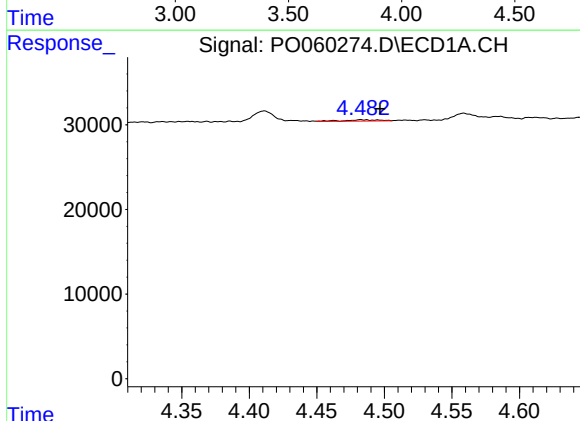
R.T.: 4.411 min
Delta R.T.: -0.011 min
Response: 15211
Conc: 46.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



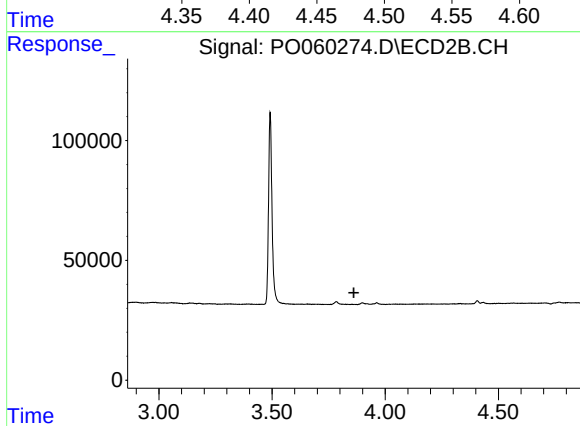
#9 AR-1221-2

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



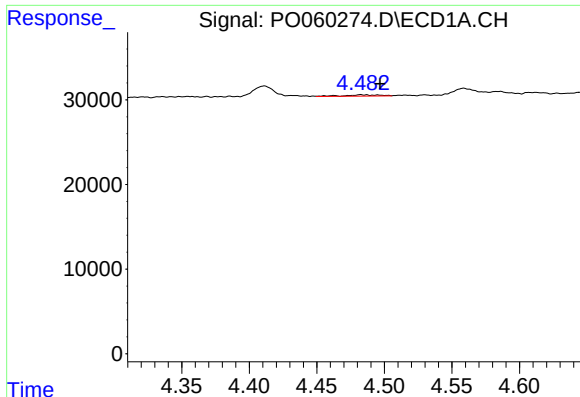
#10 AR-1221-3

R.T.: 4.483 min
Delta R.T.: -0.013 min
Response: 2935
Conc: 2.79 ng/ml



#10 AR-1221-3

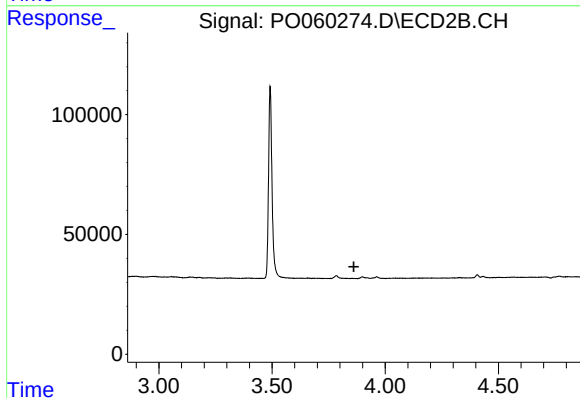
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

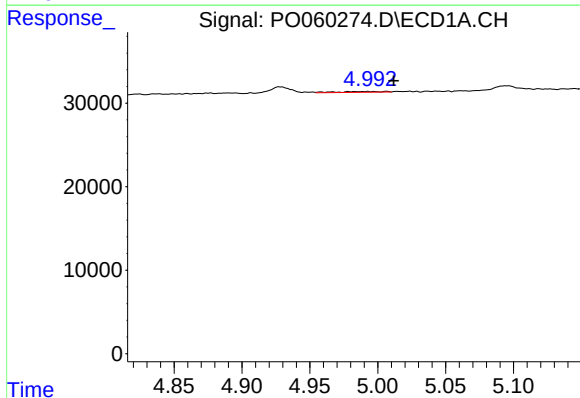
R.T.: 4.483 min
Delta R.T.: -0.013 min
Response: 2935
Conc: 2.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



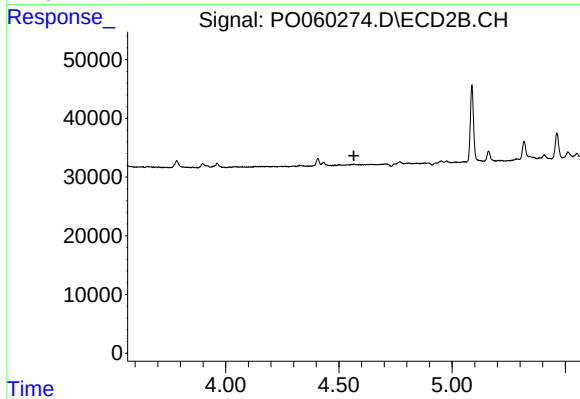
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



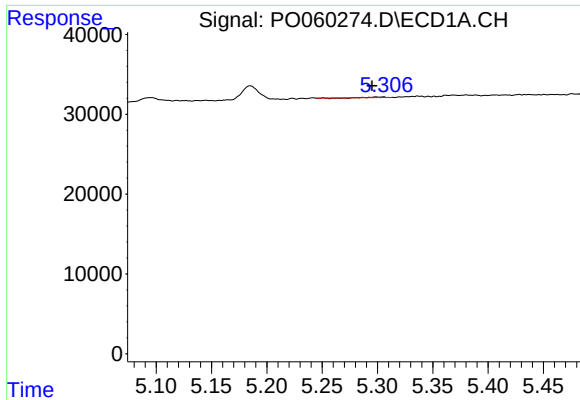
#12 AR-1232-2

R.T.: 4.993 min
Delta R.T.: -0.019 min
Response: 2328
Conc: 3.30 ng/ml



#12 AR-1232-2

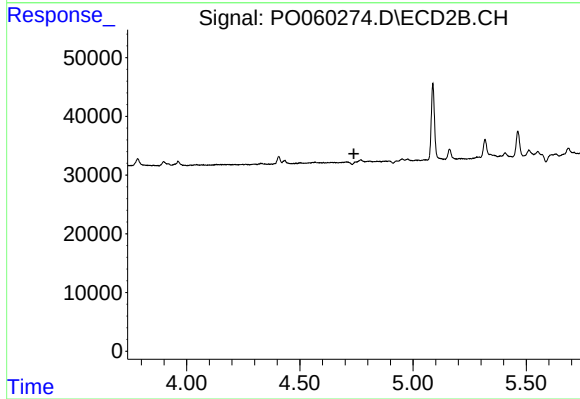
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

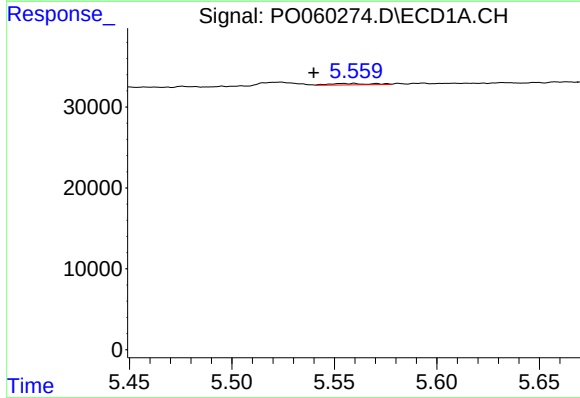
R.T.: 5.302 min
Delta R.T.: 0.007 min
Response: 212
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



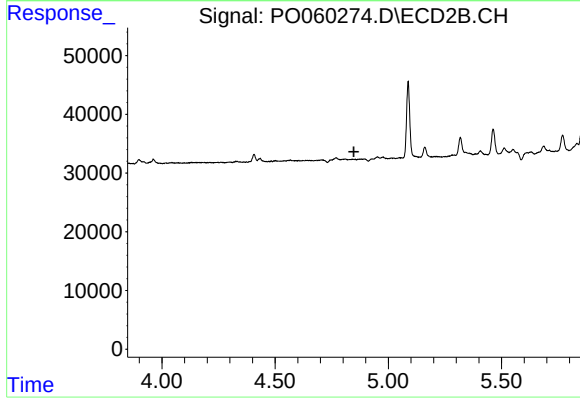
#13 AR-1232-3

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



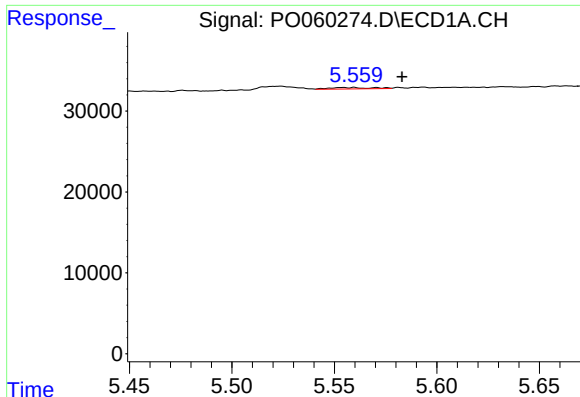
#14 AR-1232-4

R.T.: 5.556 min
Delta R.T.: 0.016 min
Response: 2476
Conc: 3.17 ng/ml



#14 AR-1232-4

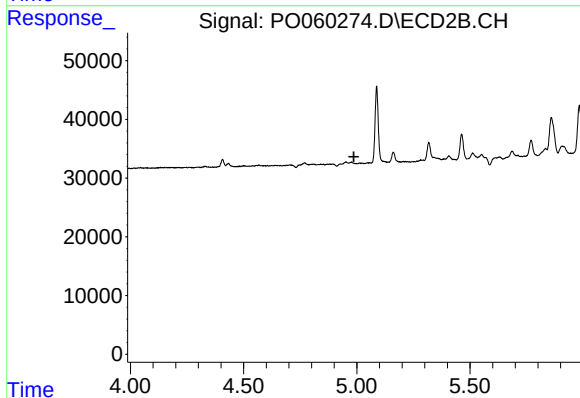
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

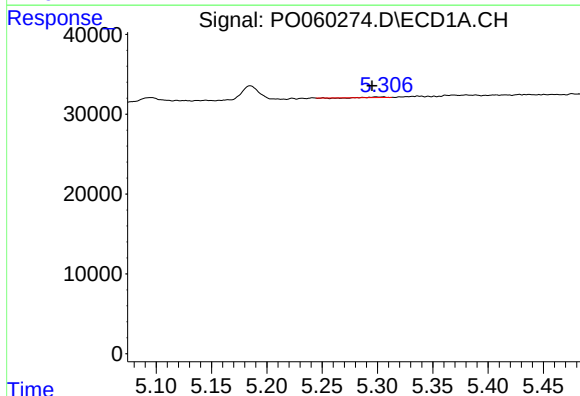
R.T.: 5.556 min
Delta R.T.: -0.027 min
Response: 2476
Conc: 4.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



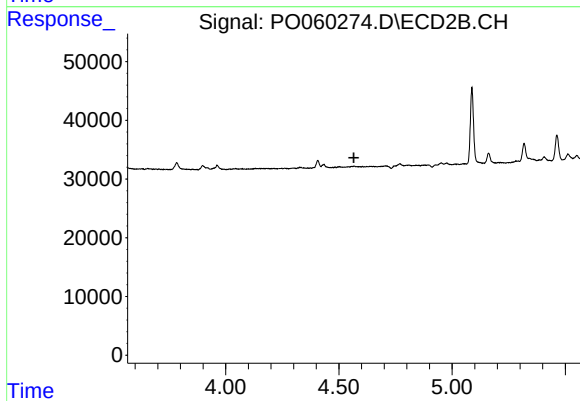
#15 AR-1232-5

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



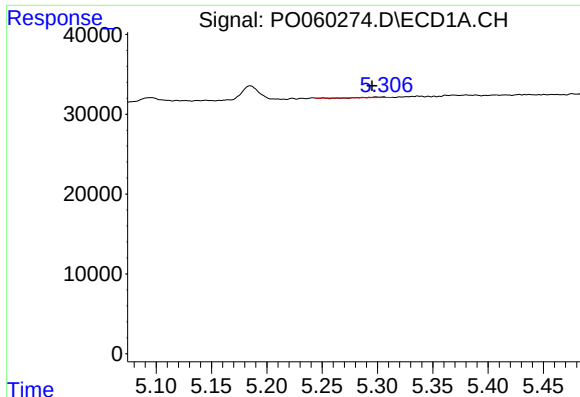
#16 AR-1242-1

R.T.: 5.302 min
Delta R.T.: 0.007 min
Response: 212
Conc: 0.17 ng/ml



#16 AR-1242-1

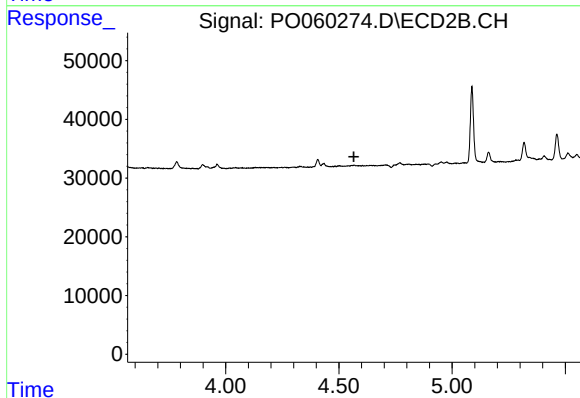
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

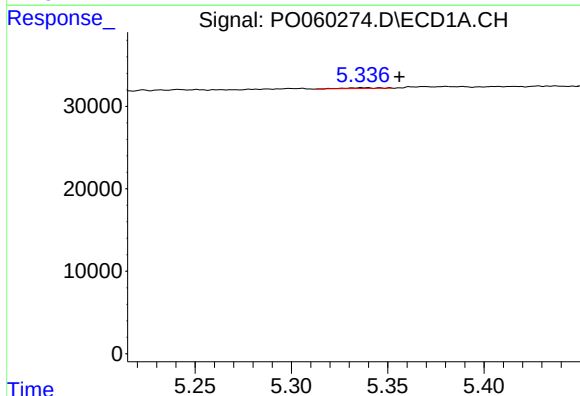
R.T.: 5.302 min
Delta R.T.: 0.007 min
Response: 212
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



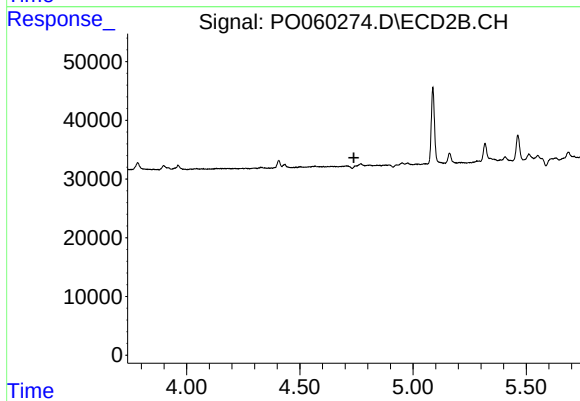
#17 AR-1242-2

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



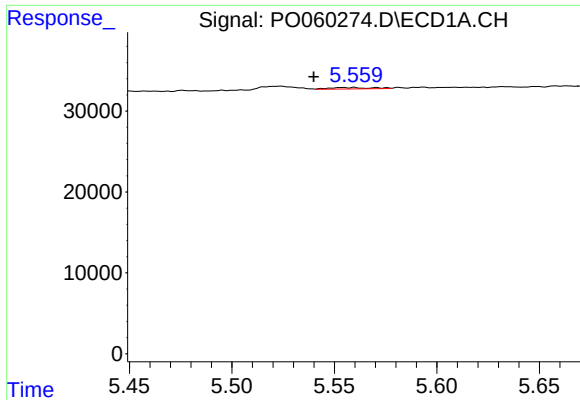
#18 AR-1242-3

R.T.: 5.336 min
Delta R.T.: -0.020 min
Response: 1056
Conc: 0.90 ng/ml



#18 AR-1242-3

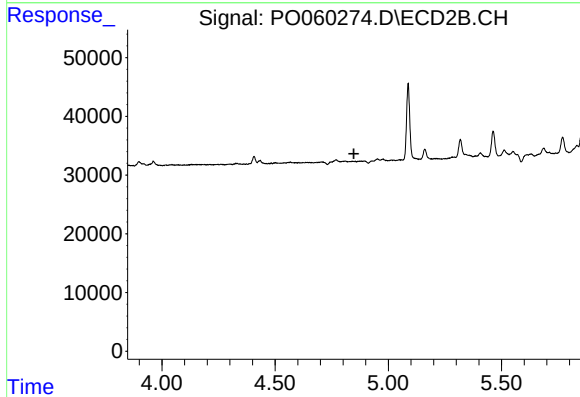
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

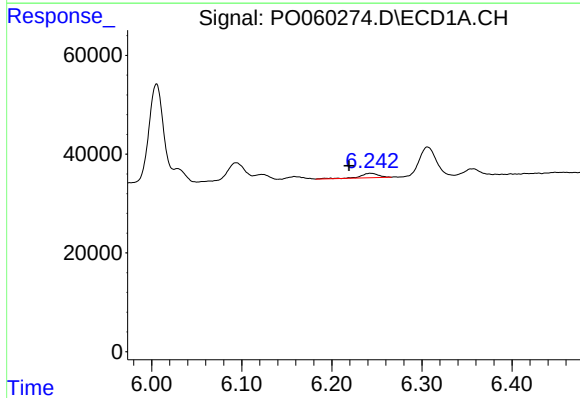
R.T.: 5.556 min
Delta R.T.: 0.016 min
Response: 2476
Conc: 2.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



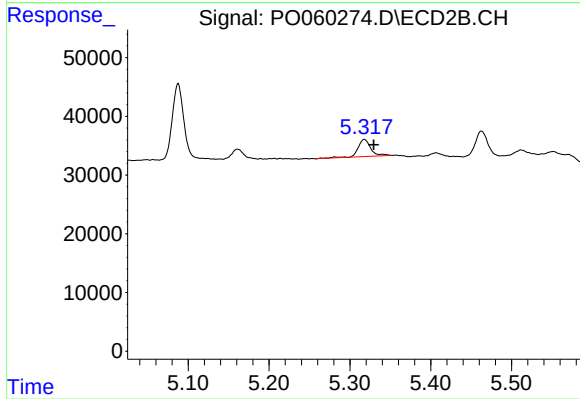
#19 AR-1242-4

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



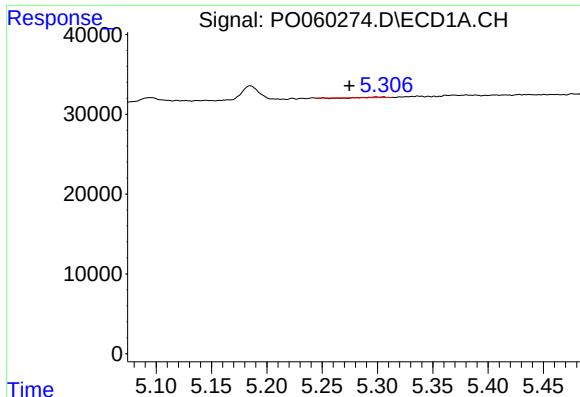
#20 AR-1242-5

R.T.: 6.243 min
Delta R.T.: 0.024 min
Response: 12981
Conc: 10.33 ng/ml



#20 AR-1242-5

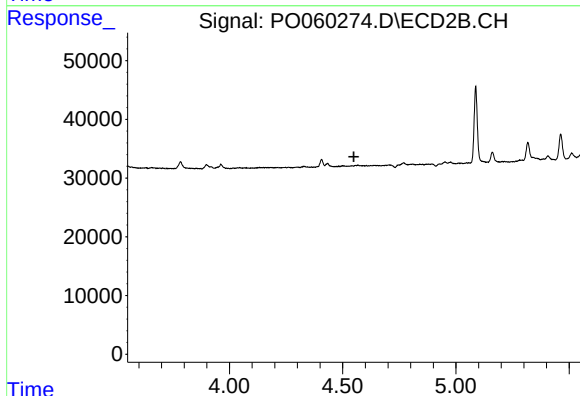
R.T.: 5.318 min
Delta R.T.: -0.012 min
Response: 31441
Conc: 28.11 ng/ml



#21 AR-1248-1

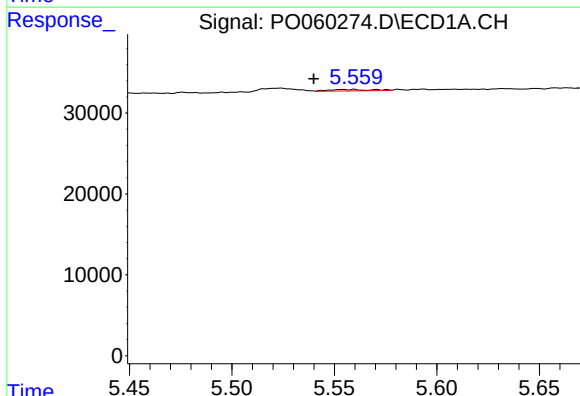
R.T.: 5.302 min
Delta R.T.: 0.027 min
Response: 212
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



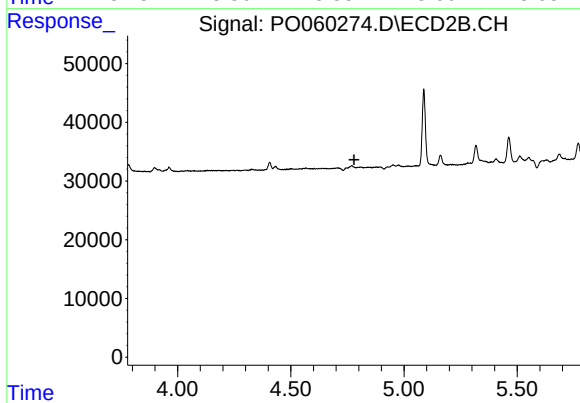
#21 AR-1248-1

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



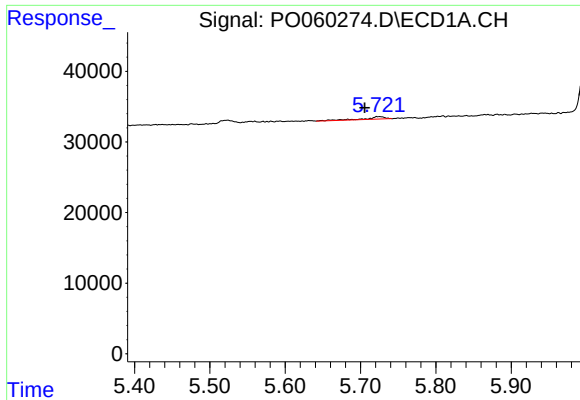
#22 AR-1248-2

R.T.: 5.556 min
Delta R.T.: 0.016 min
Response: 2476
Conc: 1.71 ng/ml



#22 AR-1248-2

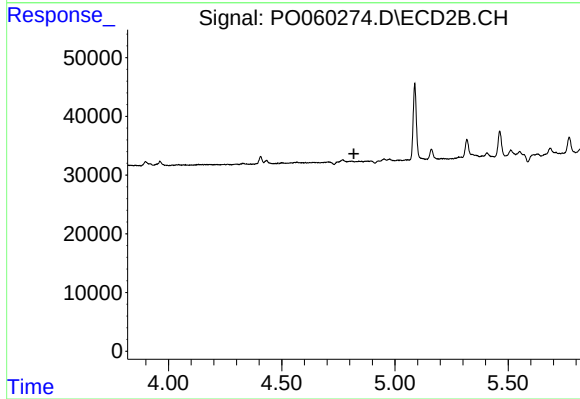
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

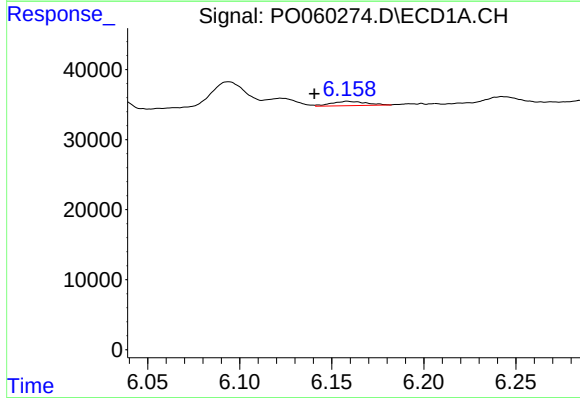
R.T.: 5.725 min
Delta R.T.: 0.019 min
Response: 6288
Conc: 3.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



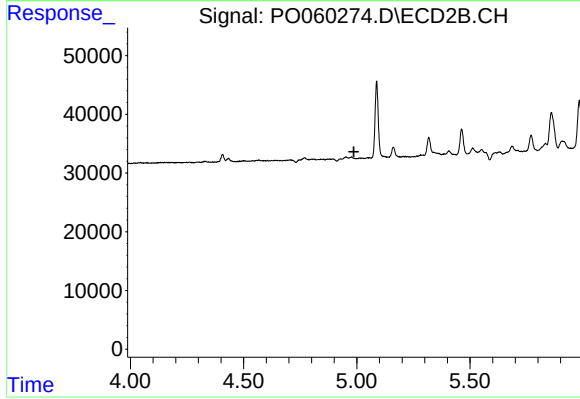
#23 AR-1248-3

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



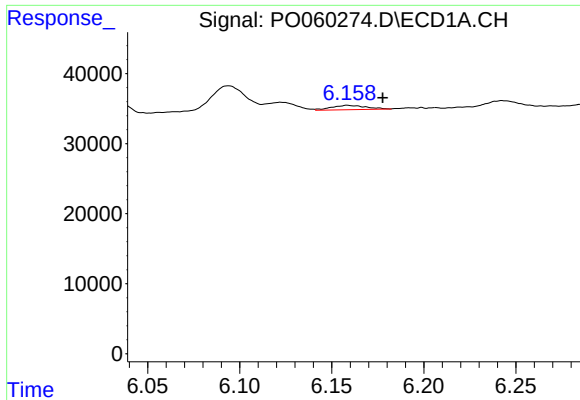
#24 AR-1248-4

R.T.: 6.159 min
Delta R.T.: 0.019 min
Response: 8143
Conc: 3.98 ng/ml



#24 AR-1248-4

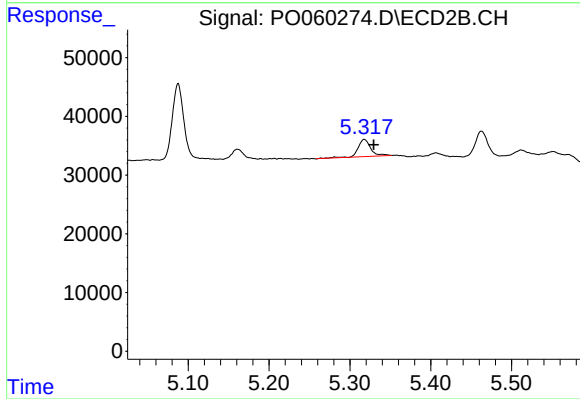
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

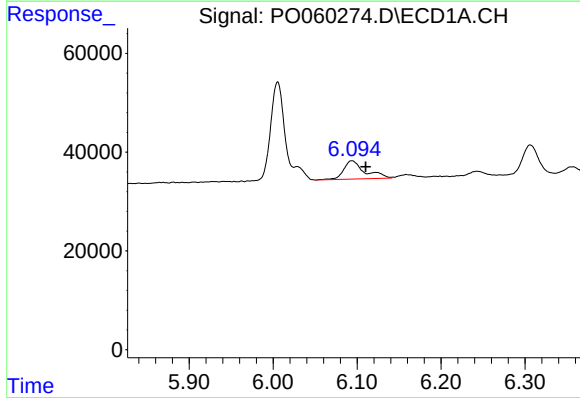
R.T.: 6.159 min
Delta R.T.: -0.018 min
Response: 8143
Conc: 4.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



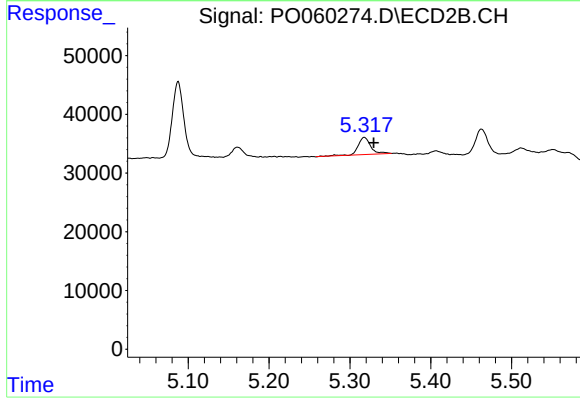
#25 AR-1248-5

R.T.: 5.318 min
Delta R.T.: -0.012 min
Response: 31441
Conc: 21.97 ng/ml



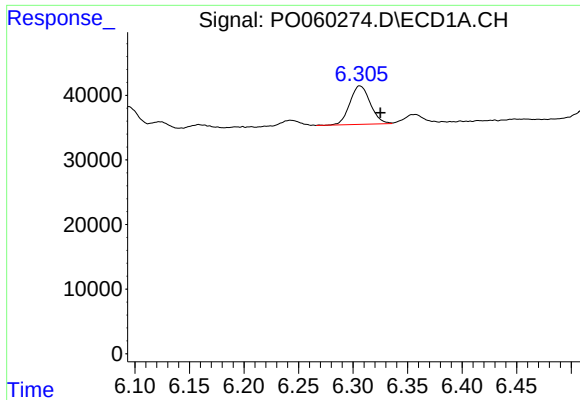
#26 AR-1254-1

R.T.: 6.094 min
Delta R.T.: -0.016 min
Response: 64683
Conc: 31.00 ng/ml



#26 AR-1254-1

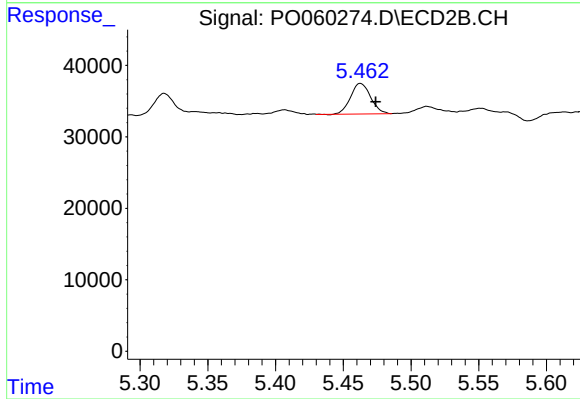
R.T.: 5.318 min
Delta R.T.: -0.012 min
Response: 31441
Conc: 13.26 ng/ml



#27 AR-1254-2

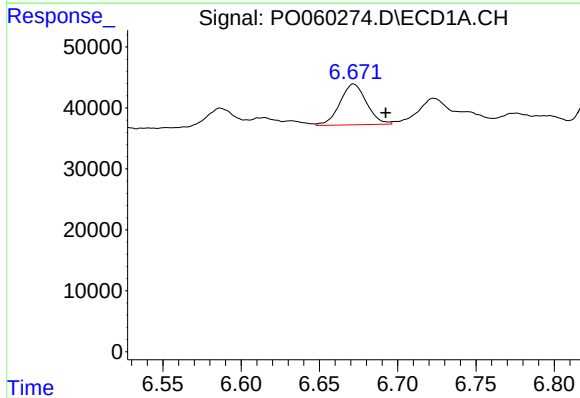
R.T.: 6.307 min
Delta R.T.: -0.019 min
Response: 77769
Conc: 23.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



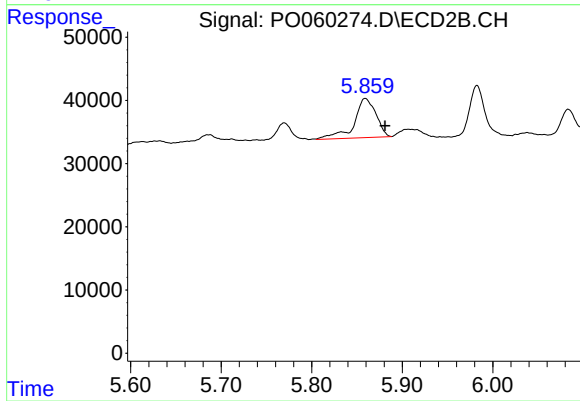
#27 AR-1254-2

R.T.: 5.463 min
Delta R.T.: -0.011 min
Response: 44099
Conc: 21.02 ng/ml



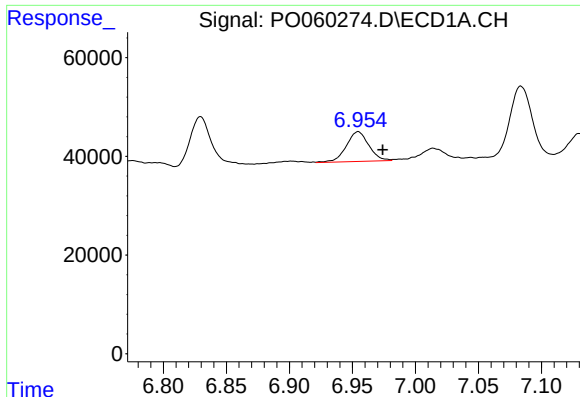
#28 AR-1254-3

R.T.: 6.672 min
Delta R.T.: -0.020 min
Response: 79033
Conc: 22.27 ng/ml



#28 AR-1254-3

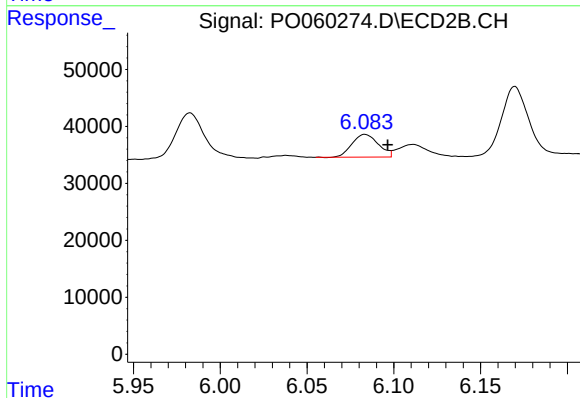
R.T.: 5.859 min
Delta R.T.: -0.022 min
Response: 103841
Conc: 30.88 ng/ml



#29 AR-1254-4

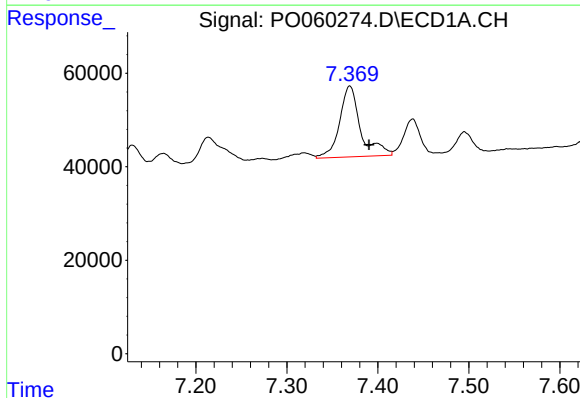
R.T.: 6.955 min
Delta R.T.: -0.020 min
Response: 75236
Conc: 25.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



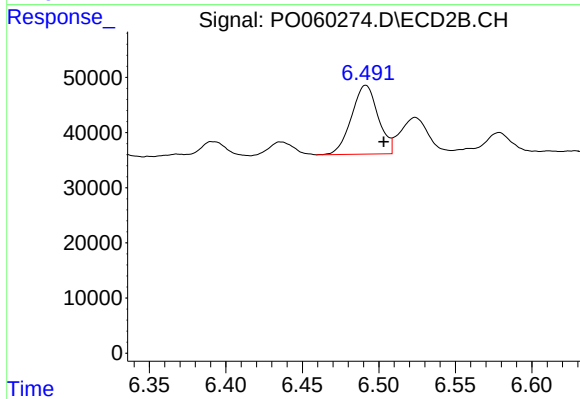
#29 AR-1254-4

R.T.: 6.083 min
Delta R.T.: -0.013 min
Response: 41958
Conc: 20.35 ng/ml



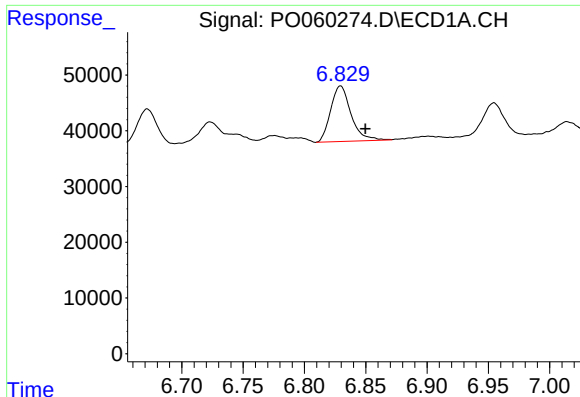
#30 AR-1254-5

R.T.: 7.369 min
Delta R.T.: -0.021 min
Response: 243256
Conc: 78.66 ng/ml



#30 AR-1254-5

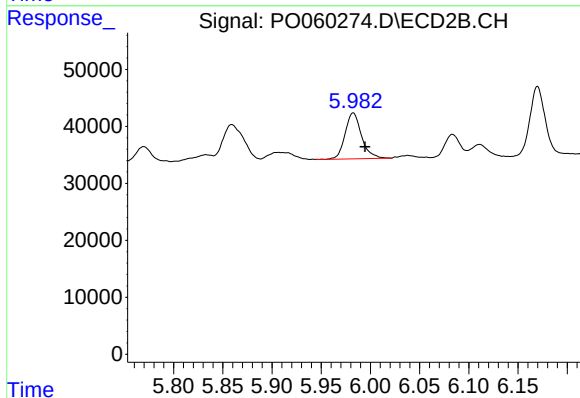
R.T.: 6.492 min
Delta R.T.: -0.012 min
Response: 151157
Conc: 48.68 ng/ml



#31 AR-1260-1

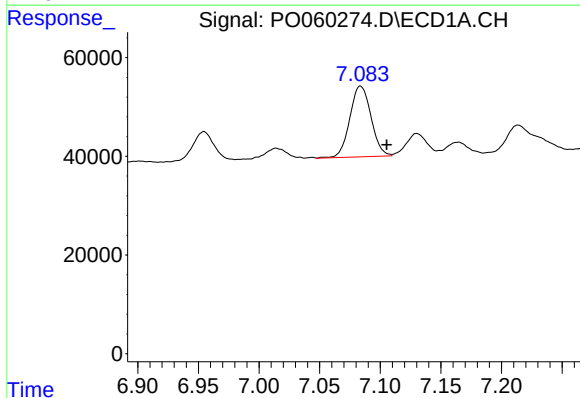
R.T.: 6.829 min
Delta R.T.: -0.020 min
Response: 115192
Conc: 42.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



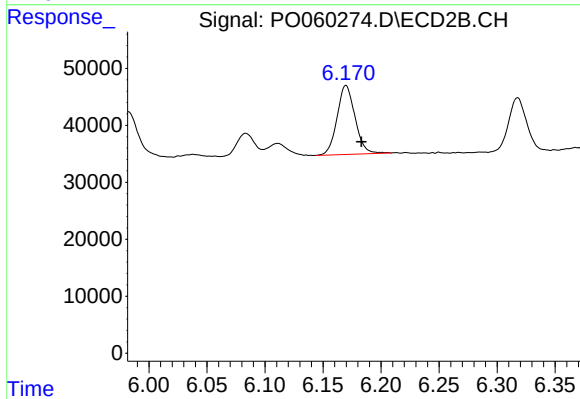
#31 AR-1260-1

R.T.: 5.983 min
Delta R.T.: -0.012 min
Response: 93717
Conc: 41.12 ng/ml



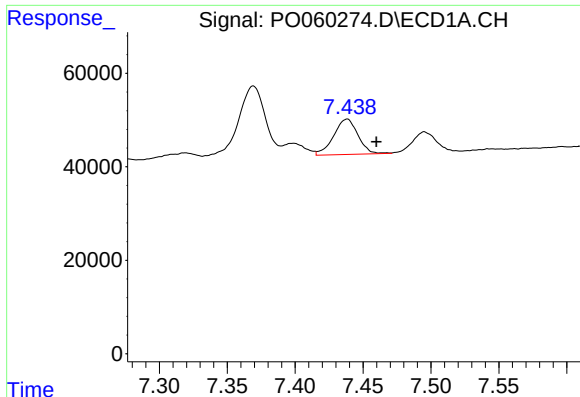
#32 AR-1260-2

R.T.: 7.084 min
Delta R.T.: -0.021 min
Response: 174582
Conc: 47.05 ng/ml



#32 AR-1260-2

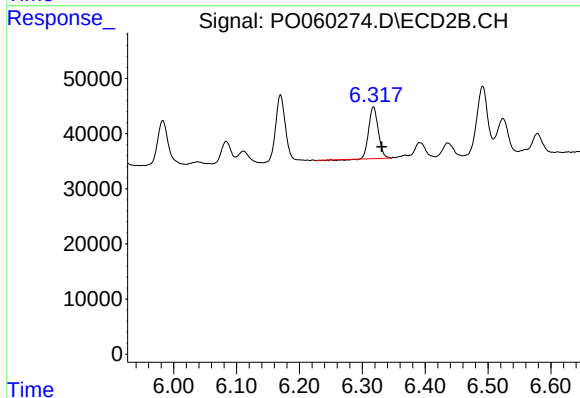
R.T.: 6.170 min
Delta R.T.: -0.013 min
Response: 131078
Conc: 44.74 ng/ml



#33 AR-1260-3

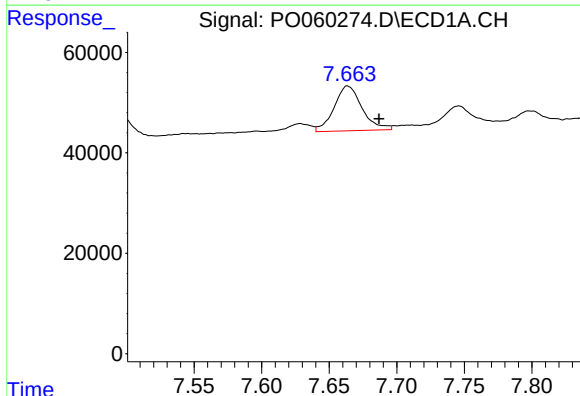
R.T.: 7.438 min
Delta R.T.: -0.022 min
Response: 94308
Conc: 28.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



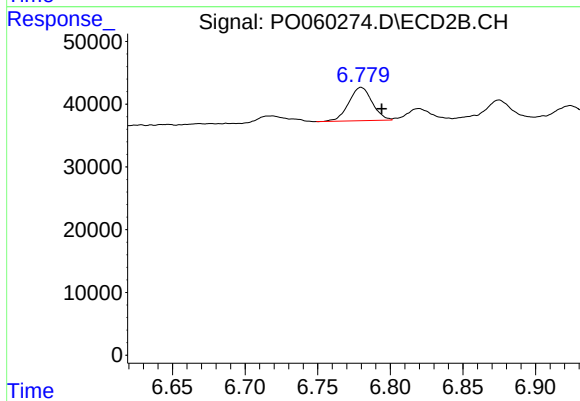
#33 AR-1260-3

R.T.: 6.318 min
Delta R.T.: -0.013 min
Response: 97993
Conc: 36.99 ng/ml



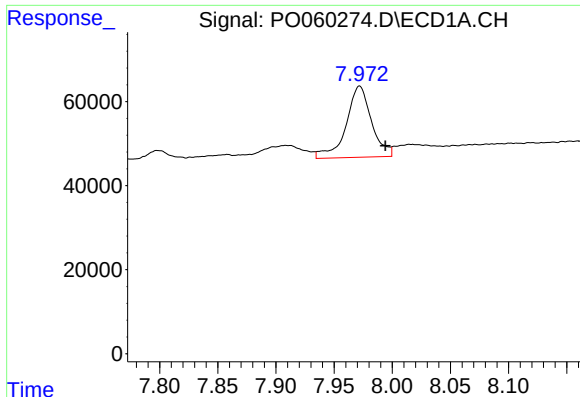
#34 AR-1260-4

R.T.: 7.664 min
Delta R.T.: -0.023 min
Response: 128682
Conc: 41.90 ng/ml



#34 AR-1260-4

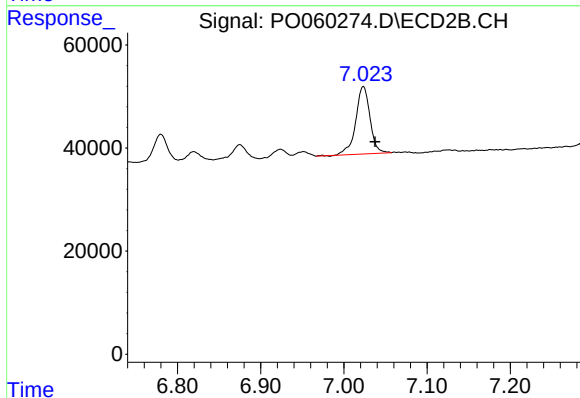
R.T.: 6.780 min
Delta R.T.: -0.014 min
Response: 59578
Conc: 26.33 ng/ml



#35 AR-1260-5

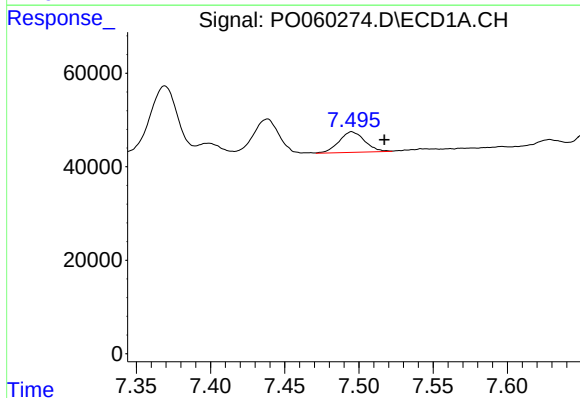
R.T.: 7.972 min
Delta R.T.: -0.022 min
Response: 256808
Conc: 36.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



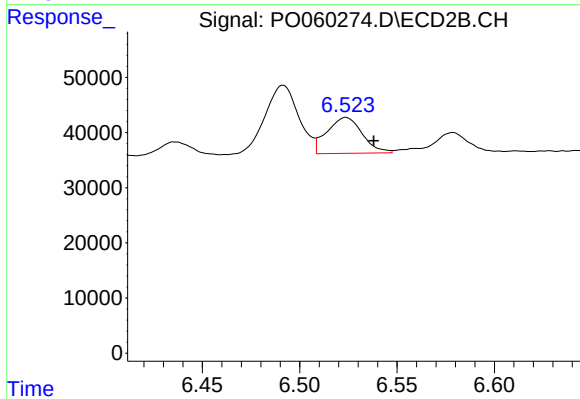
#35 AR-1260-5

R.T.: 7.023 min
Delta R.T.: -0.014 min
Response: 156451
Conc: 28.43 ng/ml



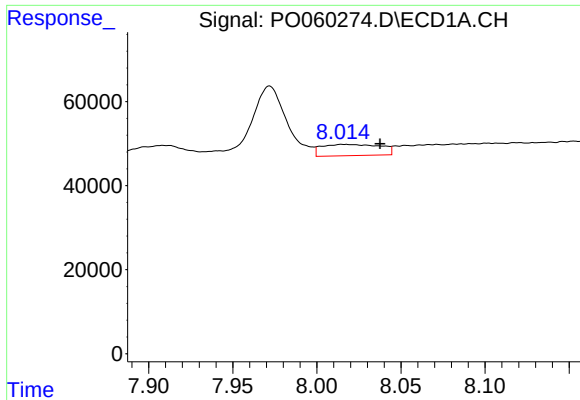
#36 AR-1262-1

R.T.: 7.495 min
Delta R.T.: -0.022 min
Response: 53197
Conc: 10.96 ng/ml



#36 AR-1262-1

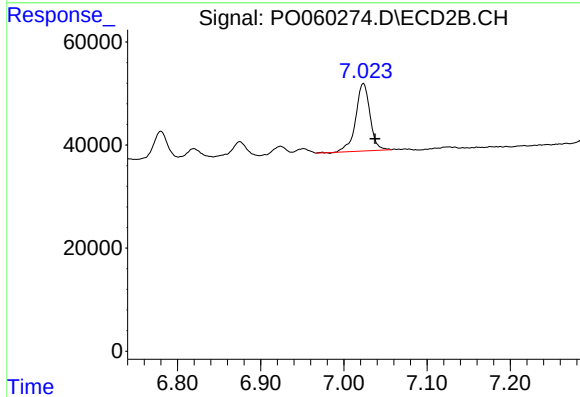
R.T.: 6.524 min
Delta R.T.: -0.014 min
Response: 82009
Conc: 22.00 ng/ml



#37 AR-1262-2

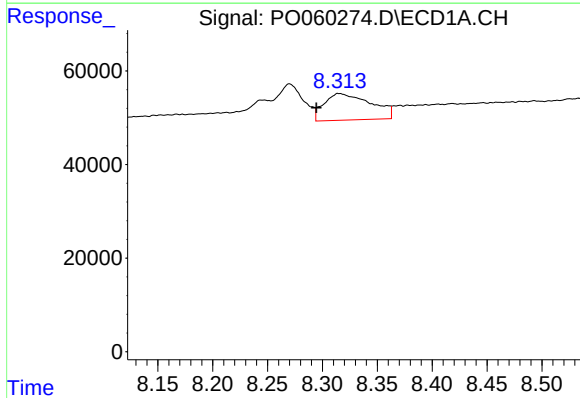
R.T.: 8.017 min
Delta R.T.: -0.020 min
Response: 65026
Conc: 8.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



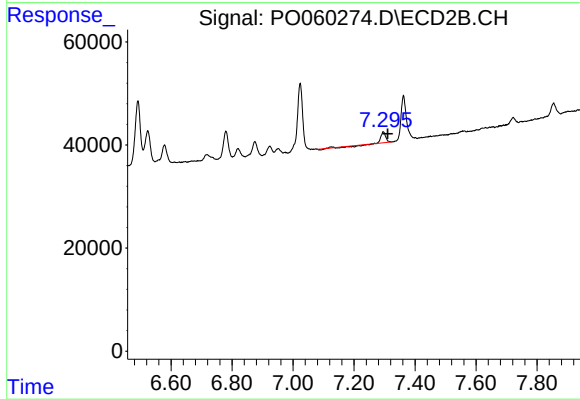
#37 AR-1262-2

R.T.: 7.023 min
Delta R.T.: -0.014 min
Response: 156451
Conc: 26.61 ng/ml



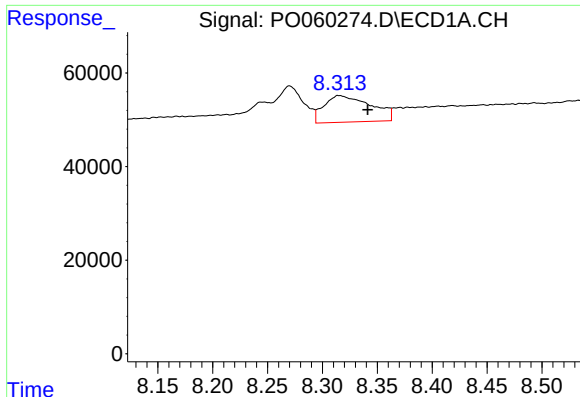
#38 AR-1262-3

R.T.: 8.316 min
Delta R.T.: 0.022 min
Response: 168882
Conc: 33.10 ng/ml



#38 AR-1262-3

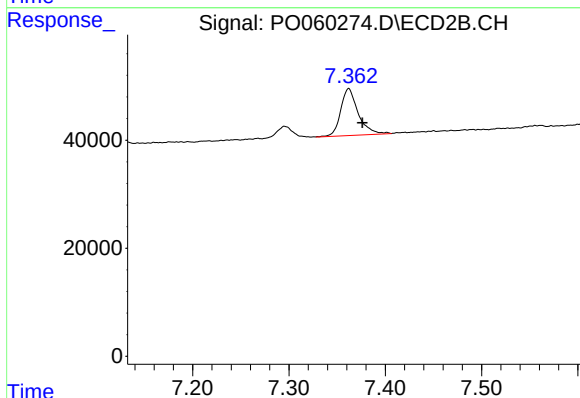
R.T.: 7.296 min
Delta R.T.: -0.014 min
Response: 17983
Conc: 7.08 ng/ml



#39 AR-1262-4

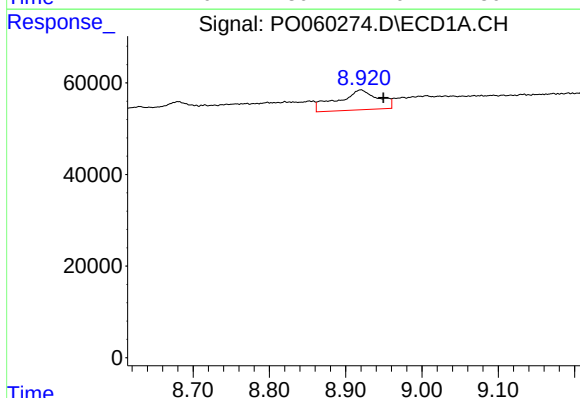
R.T.: 8.316 min
Delta R.T.: -0.025 min
Response: 168882
Conc: 43.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



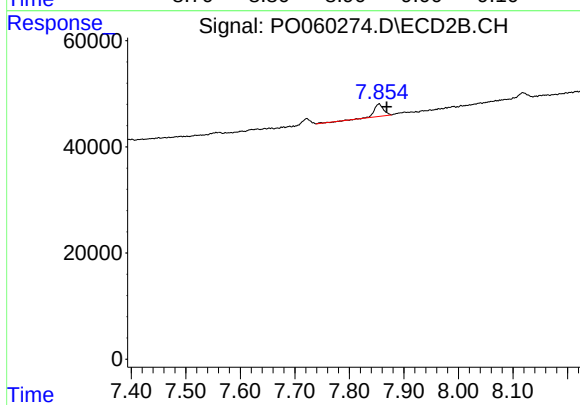
#39 AR-1262-4

R.T.: 7.362 min
Delta R.T.: -0.014 min
Response: 109198
Conc: 24.71 ng/ml



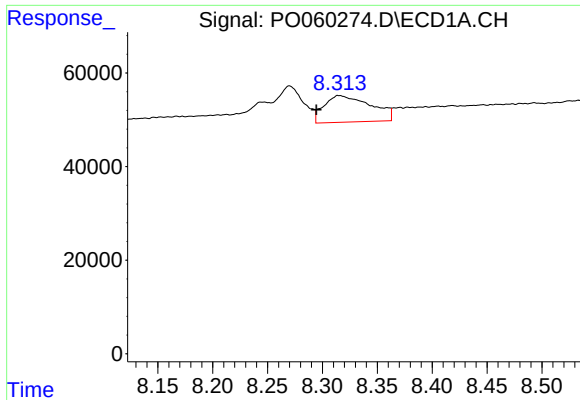
#40 AR-1262-5

R.T.: 8.920 min
Delta R.T.: -0.030 min
Response: 162707
Conc: 63.39 ng/ml



#40 AR-1262-5

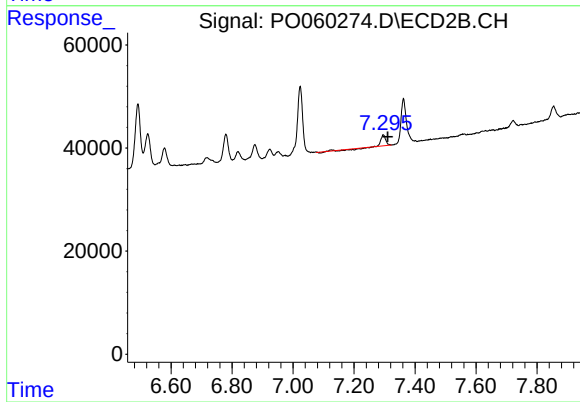
R.T.: 7.855 min
Delta R.T.: -0.014 min
Response: 26690
Conc: 14.78 ng/ml



#41 AR-1268-1

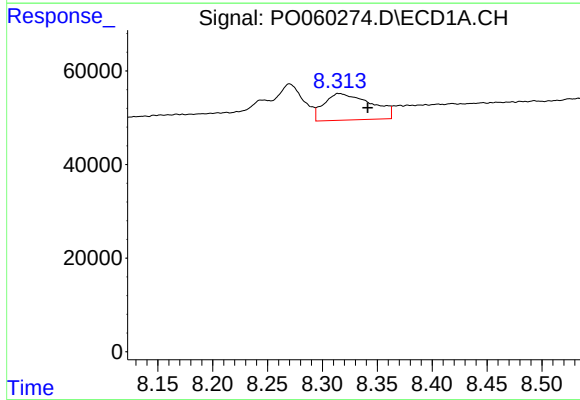
R.T.: 8.316 min
Delta R.T.: 0.022 min
Response: 168882
Conc: 17.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



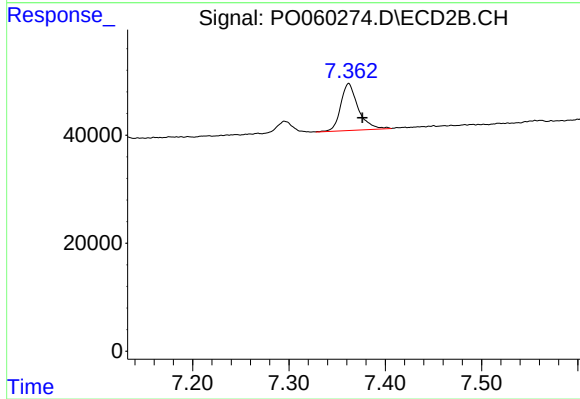
#41 AR-1268-1

R.T.: 7.296 min
Delta R.T.: -0.014 min
Response: 17983
Conc: 2.53 ng/ml



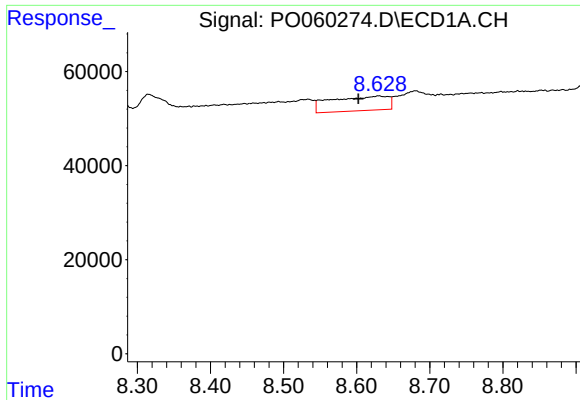
#42 AR-1268-2

R.T.: 8.316 min
Delta R.T.: -0.025 min
Response: 168882
Conc: 21.42 ng/ml



#42 AR-1268-2

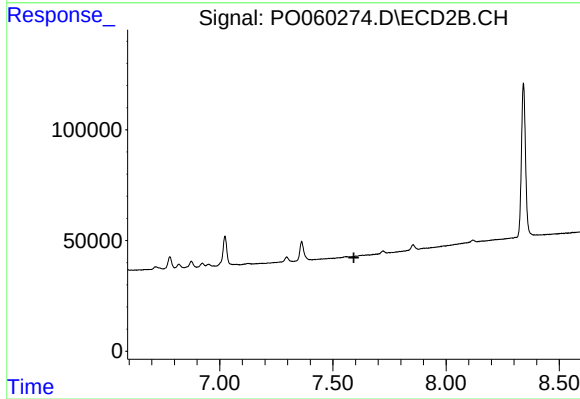
R.T.: 7.362 min
Delta R.T.: -0.014 min
Response: 109198
Conc: 16.94 ng/ml



#43 AR-1268-3

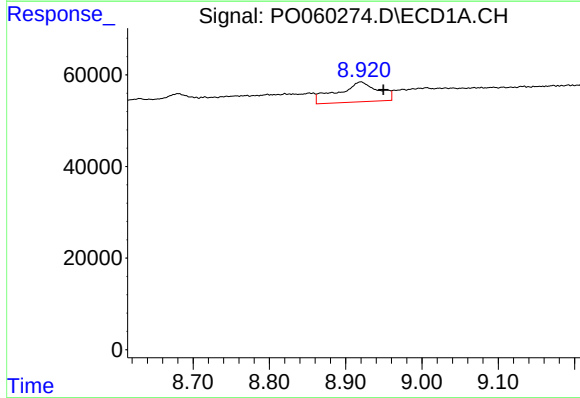
R.T.: 8.630 min
Delta R.T.: 0.028 min
Response: 166442
Conc: 23.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



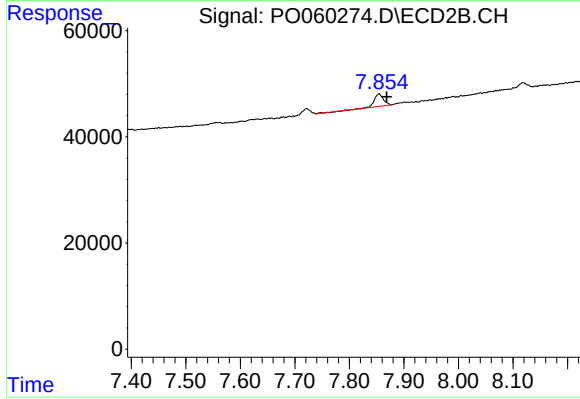
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



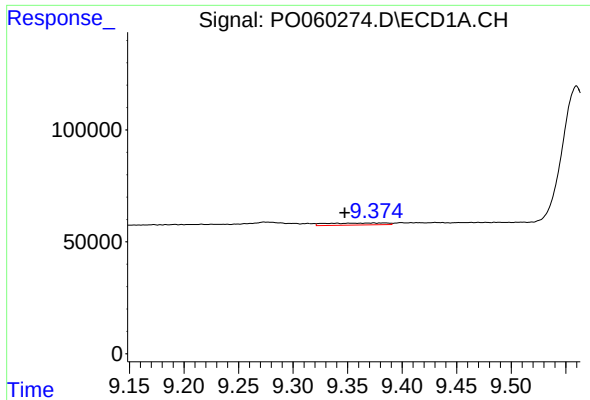
#44 AR-1268-4

R.T.: 8.920 min
Delta R.T.: -0.030 min
Response: 162707
Conc: 58.53 ng/ml



#44 AR-1268-4

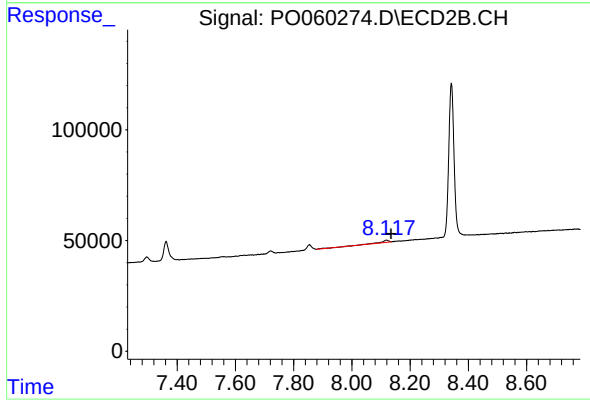
R.T.: 7.855 min
Delta R.T.: -0.014 min
Response: 26690
Conc: 13.07 ng/ml



#45 AR-1268-5

R.T.: 9.374 min
Delta R.T.: 0.027 min
Response: 33510
Conc: 1.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-6-(6-8)



#45 AR-1268-5

R.T.: 8.118 min
Delta R.T.: -0.016 min
Response: 19152
Conc: 1.32 ng/ml