

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072319\
 Data File : P0058265.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jul 2019 15:21
 Operator : SM/AJ
 Sample : K3835-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 15:52:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 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...	4.187	3.532	919066	798621	27.122	24.900
2)	SA Decachlor...	9.693	8.432	1256068	819728	24.552	23.916
Target Compounds							
3)	L1 AR-1016-1	5.366	0.000	22878	0	14.825	N.D. #
4)	L1 AR-1016-2	5.366	0.000	22878	0	10.129	N.D. #
5)	L1 AR-1016-3	5.422	4.824	13463	31053	9.513	33.079 #
6)	L1 AR-1016-4	5.525	4.824	7469	31053	6.558	39.889 #
7)	L1 AR-1016-5	5.812	0.000	34068	0	29.700	N.D. #
8)	L2 AR-1221-1	4.411	3.756	78231	60140	189.613	169.860
10)	L2 AR-1221-3	0.000	3.961	0	55204	N.D.	65.165 #
11)	L3 AR-1232-1	0.000	3.961	0	55204	N.D.	78.310 #
12)	L3 AR-1232-2	5.075	0.000	41126	0	88.923	N.D. #
13)	L3 AR-1232-3	5.366	4.824	22878	31053	22.971	75.454 #
14)	L3 AR-1232-4	5.525	4.824	7469	31053	14.977	84.611 #
15)	L3 AR-1232-5	5.612	0.000	32714	0	86.758	N.D. #
16)	L4 AR-1242-1	5.366	0.000	22878	0	18.679	N.D. #
17)	L4 AR-1242-2	5.366	0.000	22878	0	12.460	N.D. #
18)	L4 AR-1242-3	5.422	4.824	13463	31053	11.595	40.502 #
19)	L4 AR-1242-4	5.525	4.824	7469	31053	7.922	40.913 #
20)	L4 AR-1242-5	6.252	5.379	47346	85954	40.887	90.205 #
21)	L5 AR-1248-1	5.366	0.000	22878	0	24.473	N.D. #
22)	L5 AR-1248-2	5.612	4.824	32714	31053	24.278	30.474 #
23)	L5 AR-1248-3	5.812	4.824	34068	31053	21.976	29.541 #
24)	L5 AR-1248-4	6.213	0.000	52014	0	26.567	N.D. #
25)	L5 AR-1248-5	6.252	5.379	47346	85954	24.843	67.991 #
26)	L6 AR-1254-1	6.184	5.379	145257	85954	73.915	42.187 #
27)	L6 AR-1254-2	6.401	5.525	253960	68567	77.686	37.838 #
28)	L6 AR-1254-3	6.768	5.938	298511	131313	84.617	44.841 #
29)	L6 AR-1254-4	7.047	6.150	340621	106947	115.120	57.883 #
30)	L6 AR-1254-5	7.487	6.560	557871	629267	190.059	231.477
31)	L7 AR-1260-1	6.922	6.050	368623	161912	147.383	79.949 #
32)	L7 AR-1260-2	7.179	6.237	761505	265404	216.591	103.205 #
33)	L7 AR-1260-3	7.532	6.386	273953	180900	93.302	79.317
34)	L7 AR-1260-4	7.756	6.851	272547	119105	99.770	61.513 #
35)	L7 AR-1260-5	8.064	7.094	312690	322612	53.899	70.094 #
36)	L8 AR-1262-1	7.532	6.593	273953	204573	49.586	51.503
37)	L8 AR-1262-2	8.064	7.094	312690	322612	36.771	49.946 #
38)	L8 AR-1262-3	8.345	7.371	294595	126652	52.335	45.949
39)	L8 AR-1262-4	8.430	7.436	113641	228405	24.908	47.836 #
40)	L8 AR-1262-5	9.030	7.928	123582	97955	44.477	49.250
41)	L9 AR-1268-1	8.345	7.371	294595	126652	28.649	16.223 #
42)	L9 AR-1268-2	8.430	7.436	113641	228405	12.407	32.057 #

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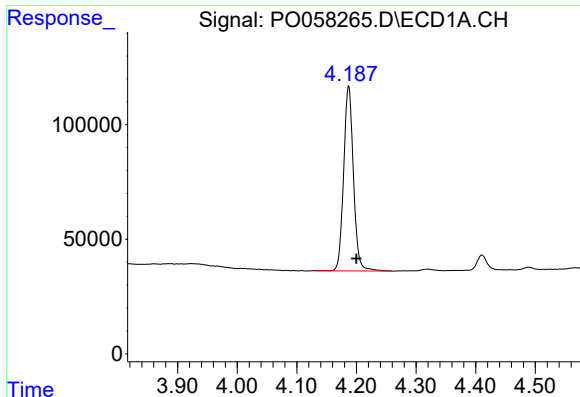
Instrument :
 ECD_O
 ClientSampleId :

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	8.633	7.634	97998	82836	12.271	13.752
44) L9	AR-1268-4	9.030	7.928	123582	97955	41.705	46.828
45) L9	AR-1268-5	9.399	8.200	242728	194997	11.143	11.693

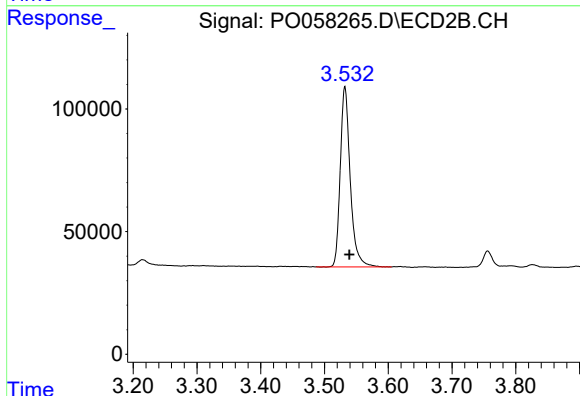
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

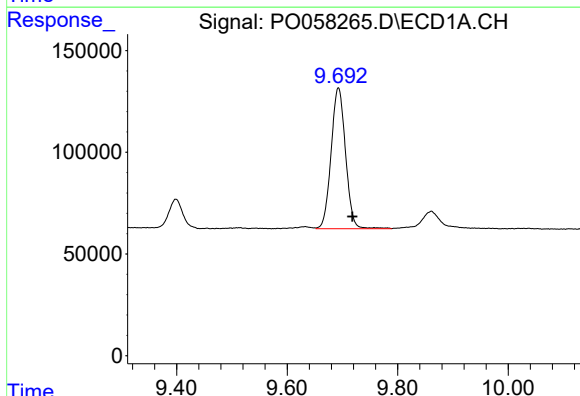
R.T.: 4.187 min
Delta R.T.: -0.013 min
Response: 919066
Conc: 27.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



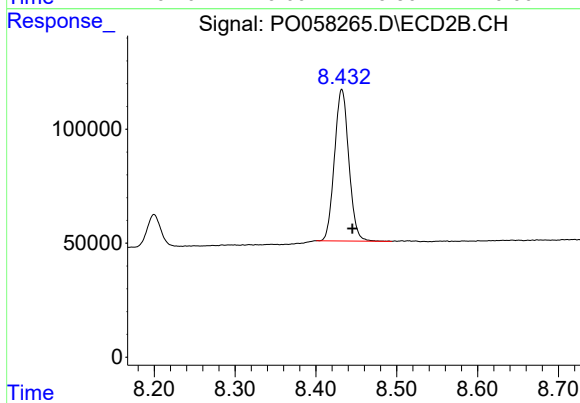
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.007 min
Response: 798621
Conc: 24.90 ng/ml



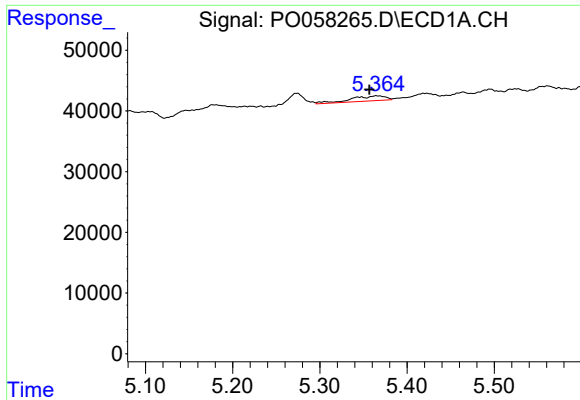
#2 Decachlorobiphenyl

R.T.: 9.693 min
Delta R.T.: -0.025 min
Response: 1256068
Conc: 24.55 ng/ml



#2 Decachlorobiphenyl

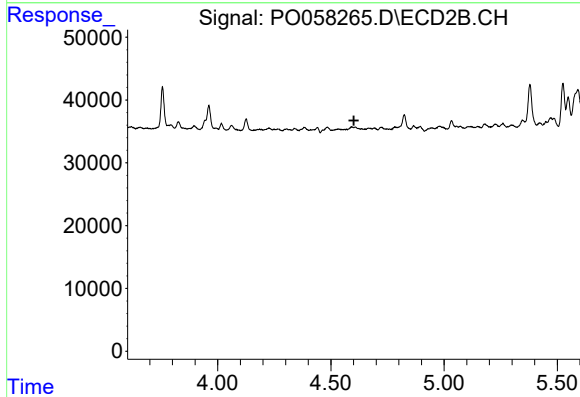
R.T.: 8.432 min
Delta R.T.: -0.013 min
Response: 819728
Conc: 23.92 ng/ml



#3 AR-1016-1

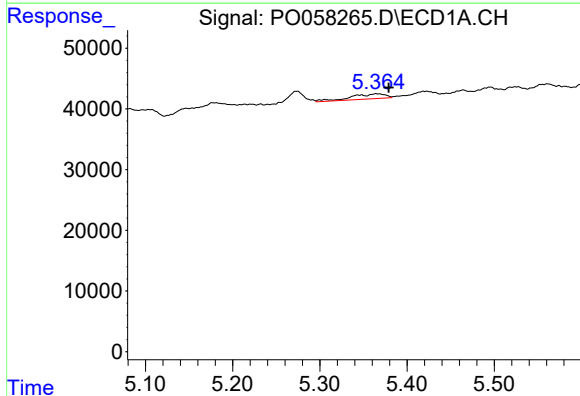
R.T.: 5.366 min
Delta R.T.: 0.009 min
Response: 22878
Conc: 14.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



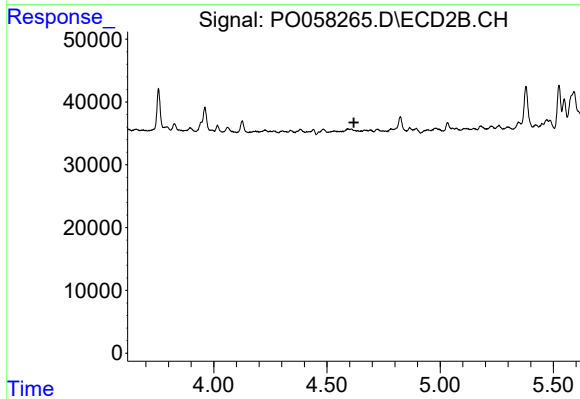
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



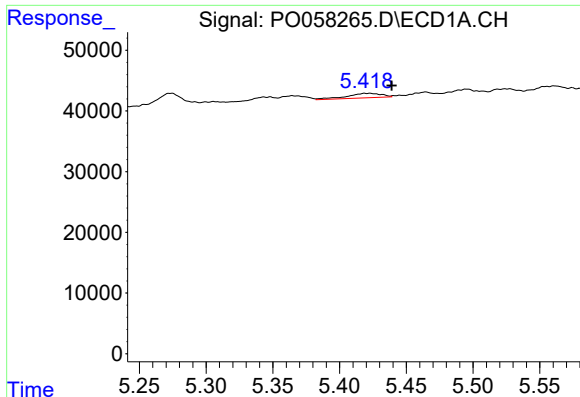
#4 AR-1016-2

R.T.: 5.366 min
Delta R.T.: -0.013 min
Response: 22878
Conc: 10.13 ng/ml



#4 AR-1016-2

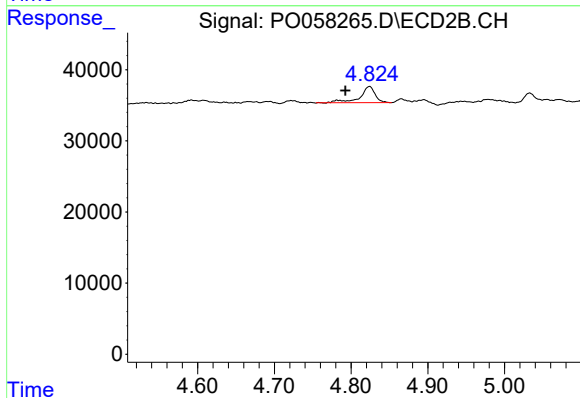
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#5 AR-1016-3

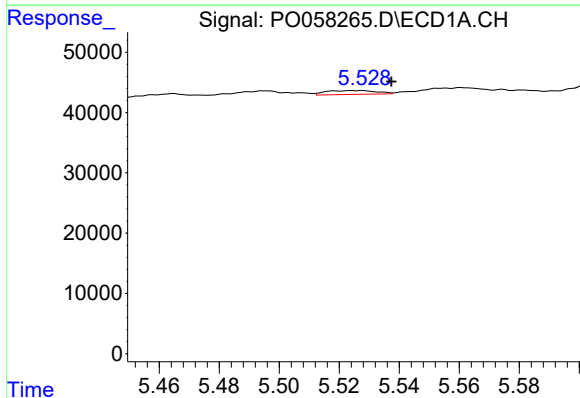
R.T.: 5.422 min
Delta R.T.: -0.017 min
Response: 13463
Conc: 9.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



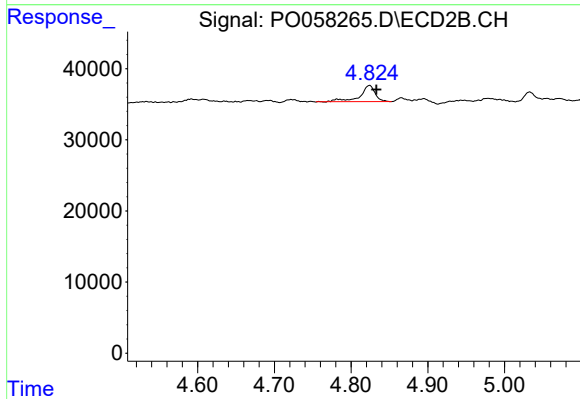
#5 AR-1016-3

R.T.: 4.824 min
Delta R.T.: 0.031 min
Response: 31053
Conc: 33.08 ng/ml



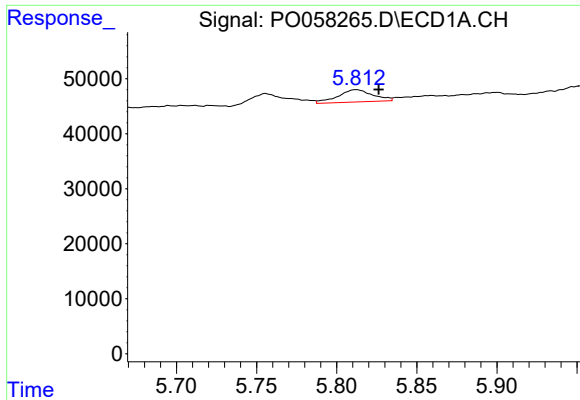
#6 AR-1016-4

R.T.: 5.525 min
Delta R.T.: -0.013 min
Response: 7469
Conc: 6.56 ng/ml



#6 AR-1016-4

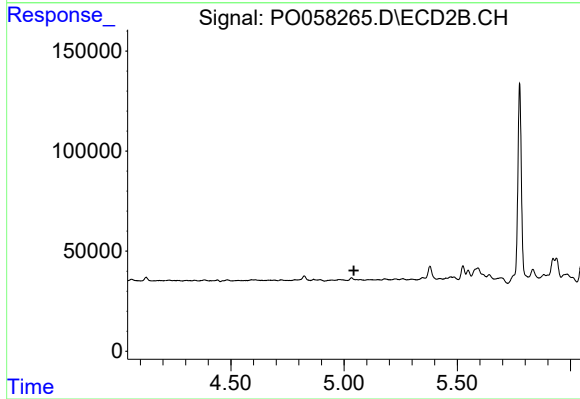
R.T.: 4.824 min
Delta R.T.: -0.009 min
Response: 31053
Conc: 39.89 ng/ml



#7 AR-1016-5

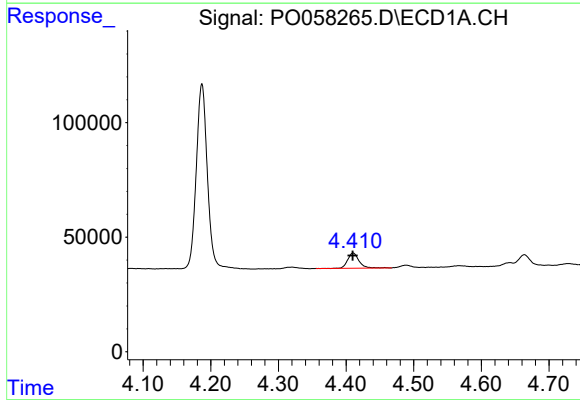
R.T.: 5.812 min
Delta R.T.: -0.014 min
Response: 34068
Conc: 29.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



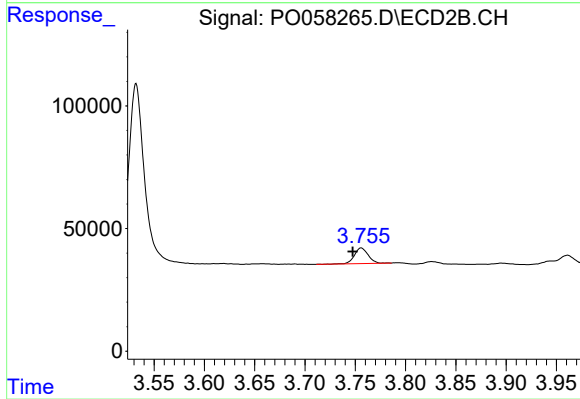
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



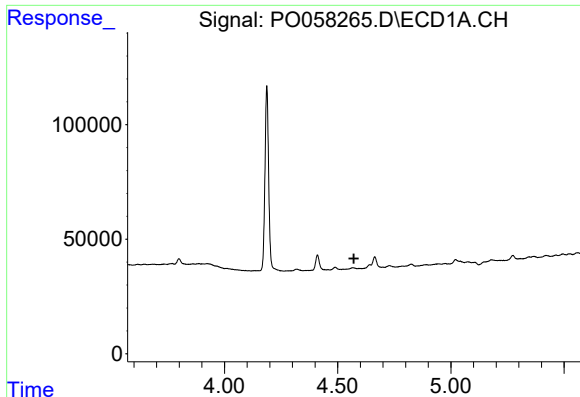
#8 AR-1221-1

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 78231
Conc: 189.61 ng/ml



#8 AR-1221-1

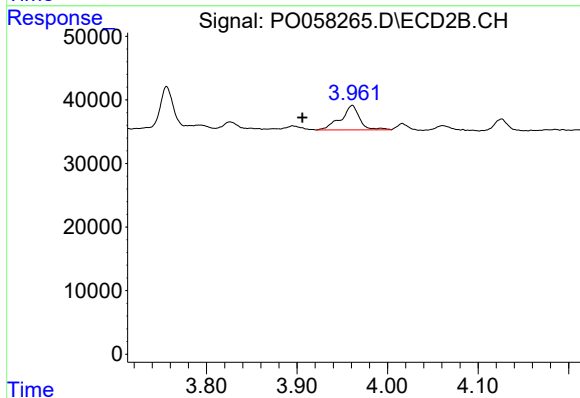
R.T.: 3.756 min
Delta R.T.: 0.008 min
Response: 60140
Conc: 169.86 ng/ml



#10 AR-1221-3

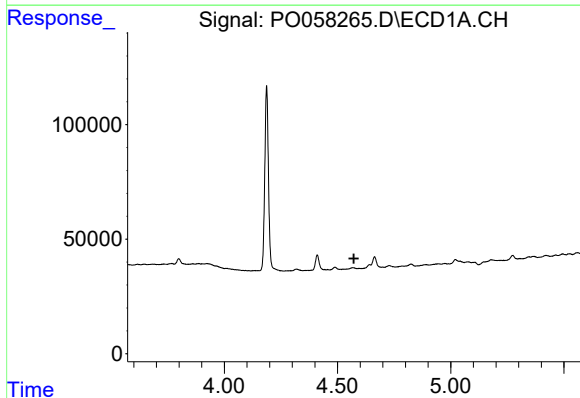
R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



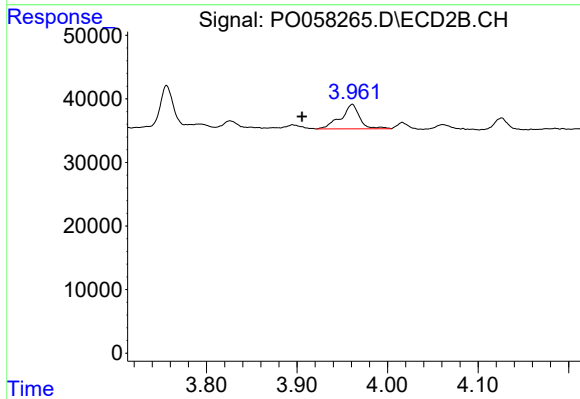
#10 AR-1221-3

R.T.: 3.961 min
Delta R.T.: 0.055 min
Response: 55204
Conc: 65.17 ng/ml



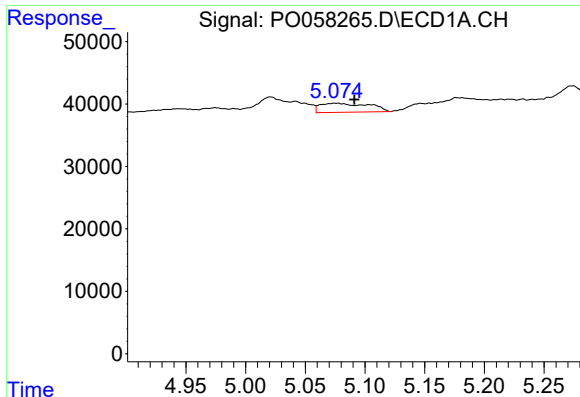
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.



#11 AR-1232-1

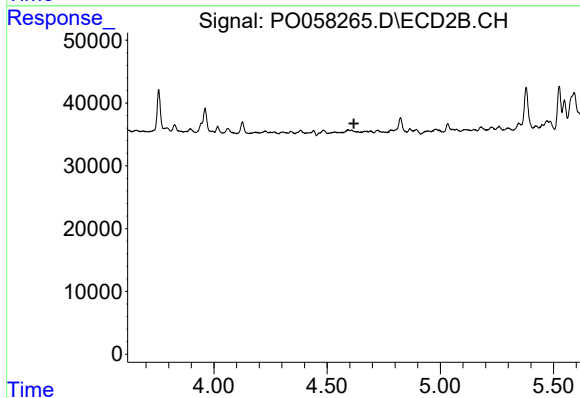
R.T.: 3.961 min
Delta R.T.: 0.055 min
Response: 55204
Conc: 78.31 ng/ml



#12 AR-1232-2

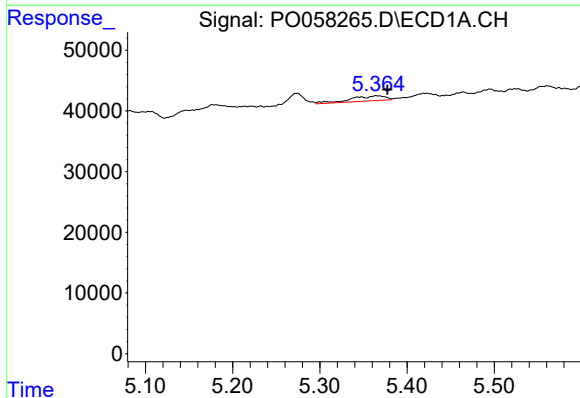
R.T.: 5.075 min
Delta R.T.: -0.016 min
Response: 41126
Conc: 88.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



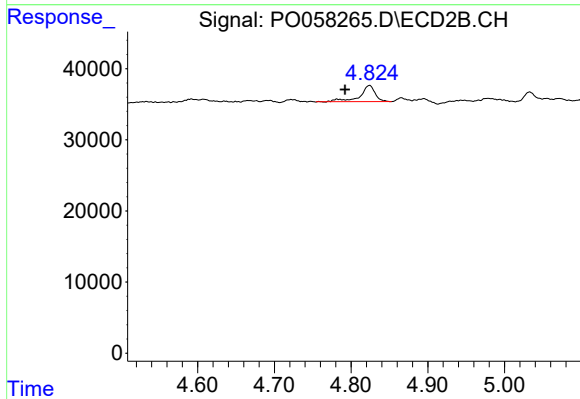
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



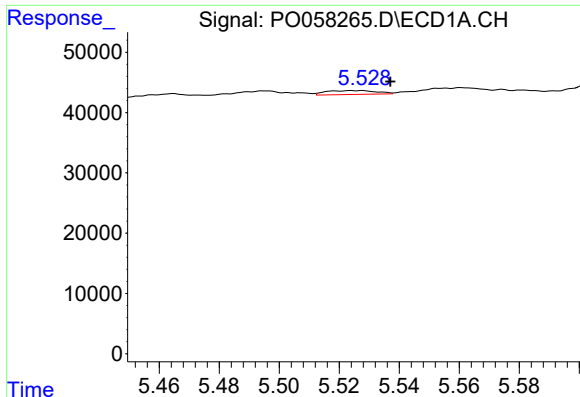
#13 AR-1232-3

R.T.: 5.366 min
Delta R.T.: -0.012 min
Response: 22878
Conc: 22.97 ng/ml



#13 AR-1232-3

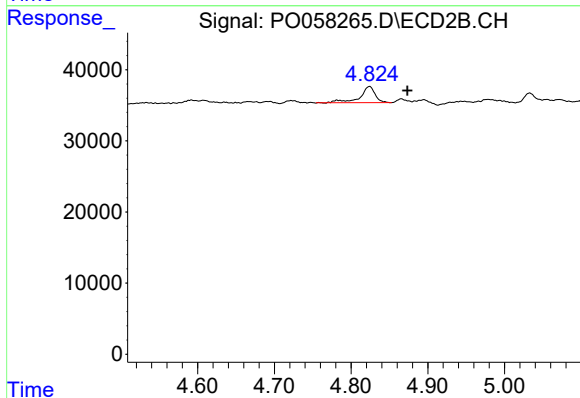
R.T.: 4.824 min
Delta R.T.: 0.032 min
Response: 31053
Conc: 75.45 ng/ml



#14 AR-1232-4

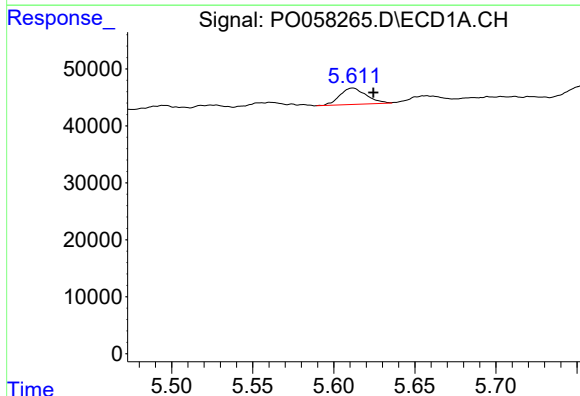
R.T.: 5.525 min
Delta R.T.: -0.012 min
Response: 7469
Conc: 14.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



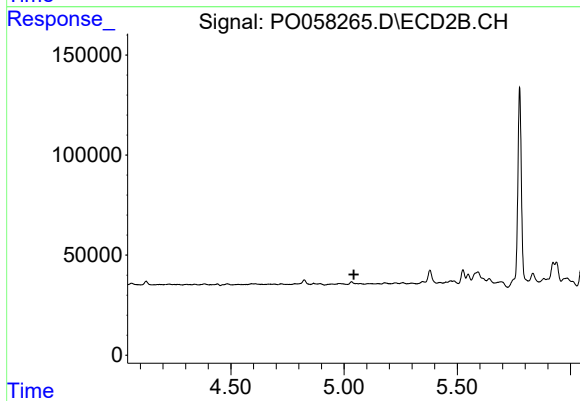
#14 AR-1232-4

R.T.: 4.824 min
Delta R.T.: -0.049 min
Response: 31053
Conc: 84.61 ng/ml



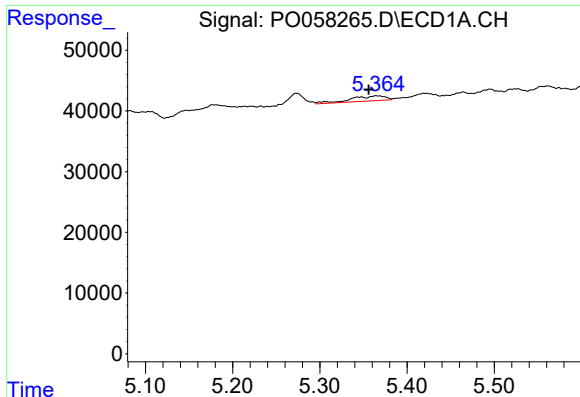
#15 AR-1232-5

R.T.: 5.612 min
Delta R.T.: -0.013 min
Response: 32714
Conc: 86.76 ng/ml



#15 AR-1232-5

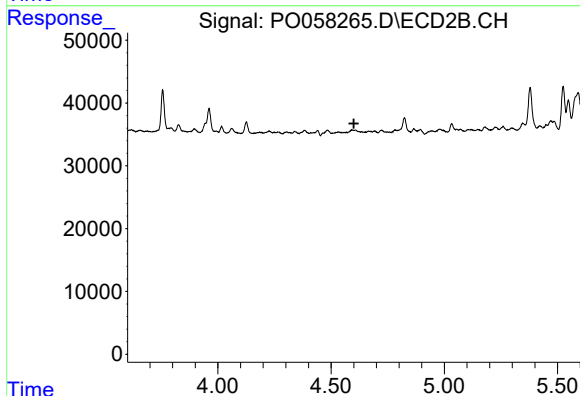
R.T.: 0.000 min
Exp R.T.: 5.043 min
Response: 0
Conc: N.D.



#16 AR-1242-1

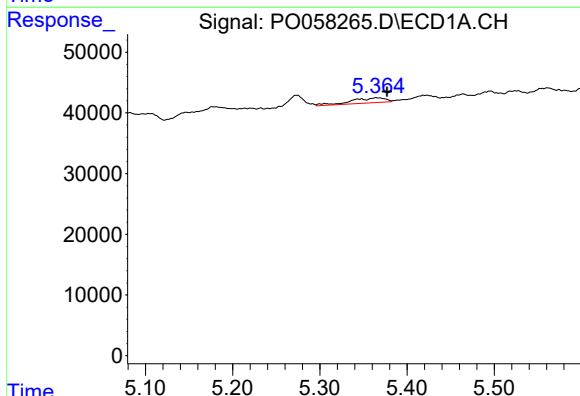
R.T.: 5.366 min
Delta R.T.: 0.010 min
Response: 22878
Conc: 18.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



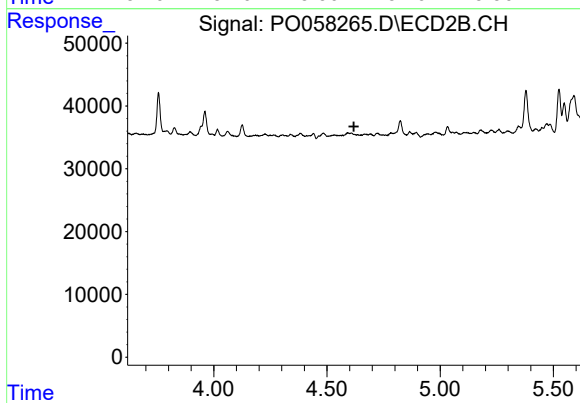
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



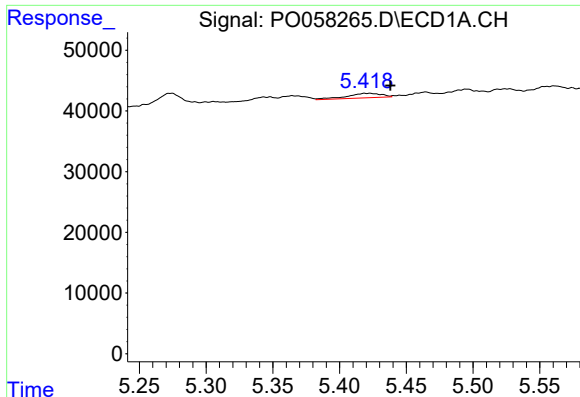
#17 AR-1242-2

R.T.: 5.366 min
Delta R.T.: -0.011 min
Response: 22878
Conc: 12.46 ng/ml



#17 AR-1242-2

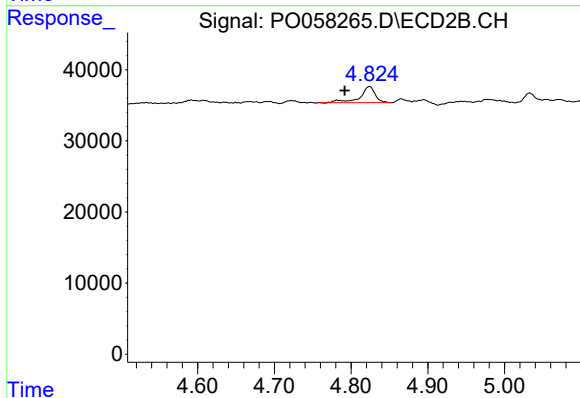
R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



#18 AR-1242-3

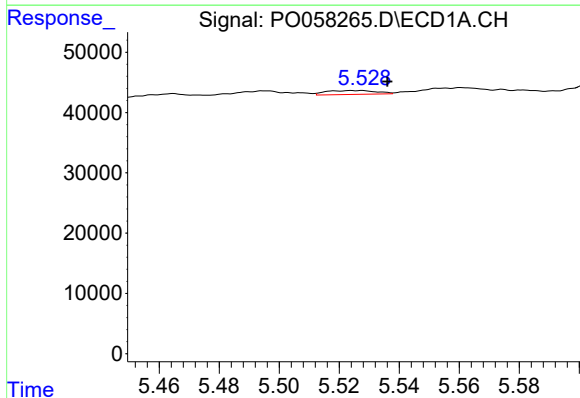
R.T.: 5.422 min
Delta R.T.: -0.017 min
Response: 13463
Conc: 11.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



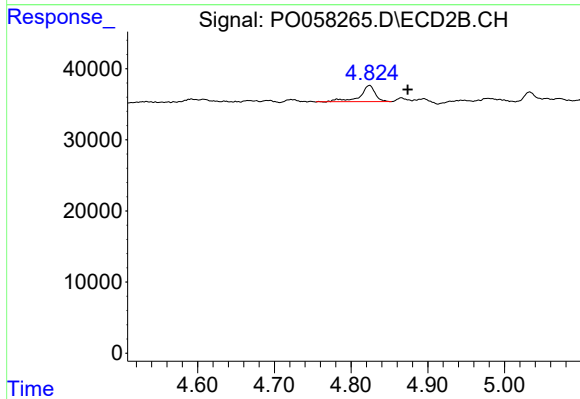
#18 AR-1242-3

R.T.: 4.824 min
Delta R.T.: 0.032 min
Response: 31053
Conc: 40.50 ng/ml



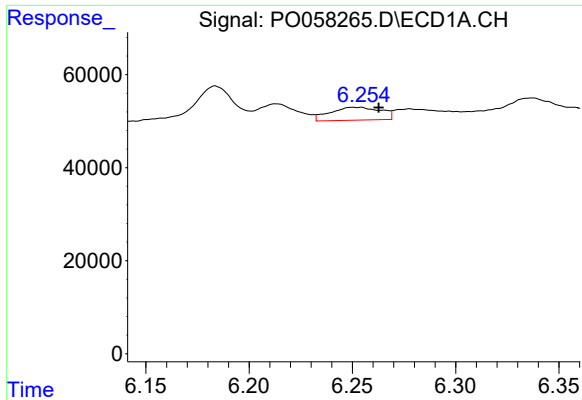
#19 AR-1242-4

R.T.: 5.525 min
Delta R.T.: -0.011 min
Response: 7469
Conc: 7.92 ng/ml



#19 AR-1242-4

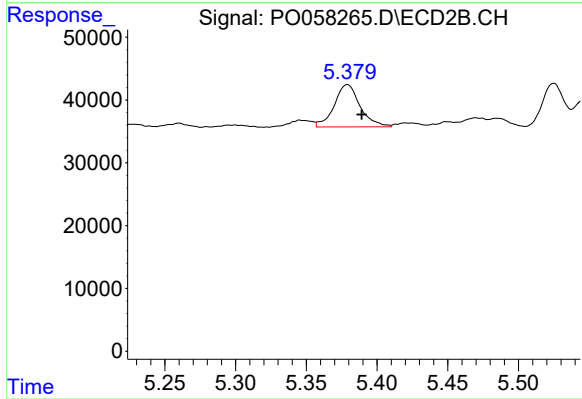
R.T.: 4.824 min
Delta R.T.: -0.050 min
Response: 31053
Conc: 40.91 ng/ml



#20 AR-1242-5

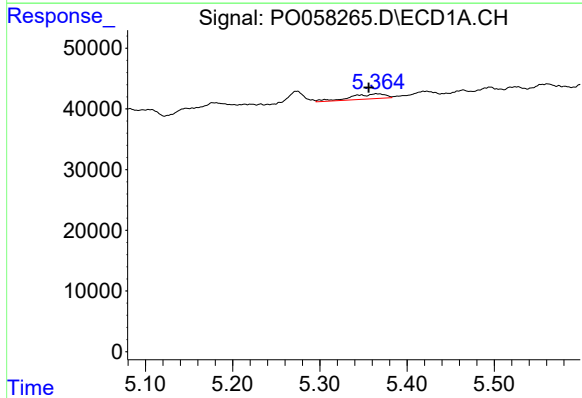
R.T.: 6.252 min
Delta R.T.: -0.011 min
Response: 47346
Conc: 40.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



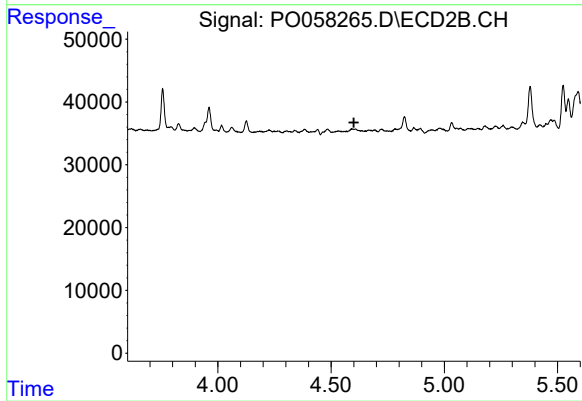
#20 AR-1242-5

R.T.: 5.379 min
Delta R.T.: -0.010 min
Response: 85954
Conc: 90.21 ng/ml



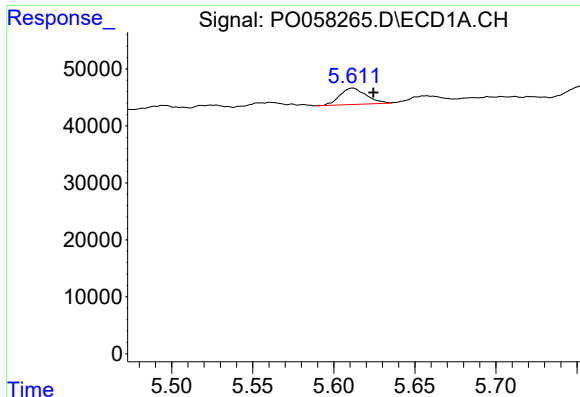
#21 AR-1248-1

R.T.: 5.366 min
Delta R.T.: 0.010 min
Response: 22878
Conc: 24.47 ng/ml



#21 AR-1248-1

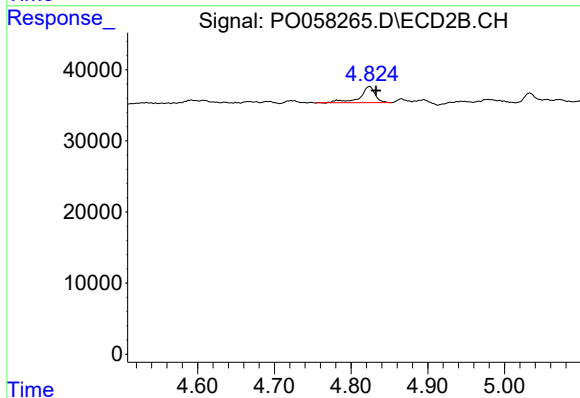
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#22 AR-1248-2

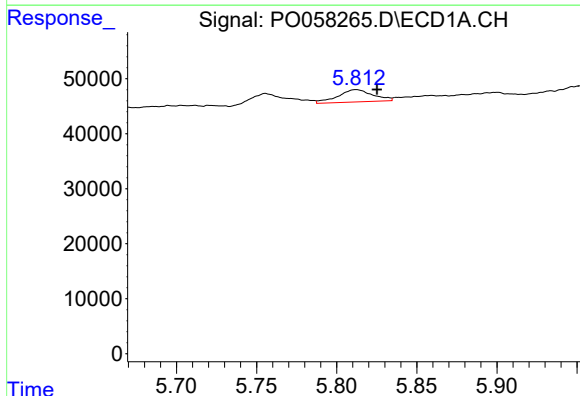
R.T.: 5.612 min
Delta R.T.: -0.013 min
Response: 32714
Conc: 24.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



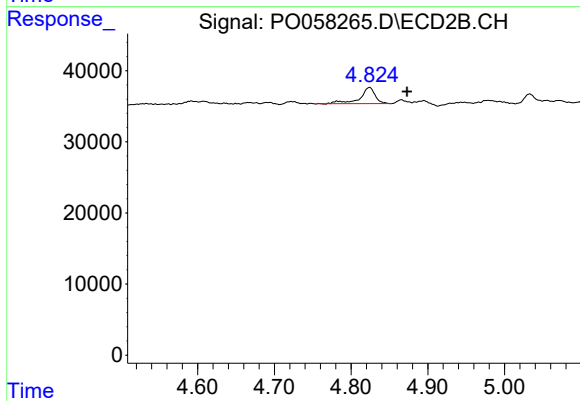
#22 AR-1248-2

R.T.: 4.824 min
Delta R.T.: -0.009 min
Response: 31053
Conc: 30.47 ng/ml



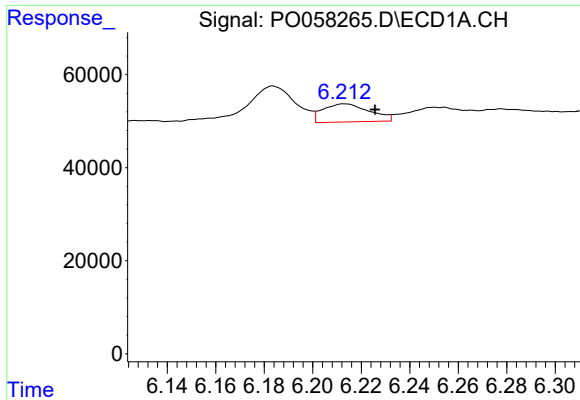
#23 AR-1248-3

R.T.: 5.812 min
Delta R.T.: -0.013 min
Response: 34068
Conc: 21.98 ng/ml



#23 AR-1248-3

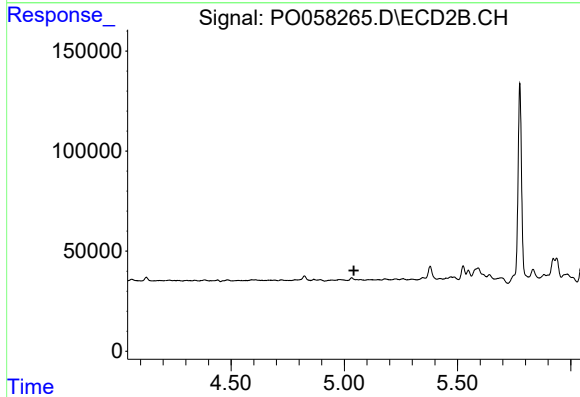
R.T.: 4.824 min
Delta R.T.: -0.049 min
Response: 31053
Conc: 29.54 ng/ml



#24 AR-1248-4

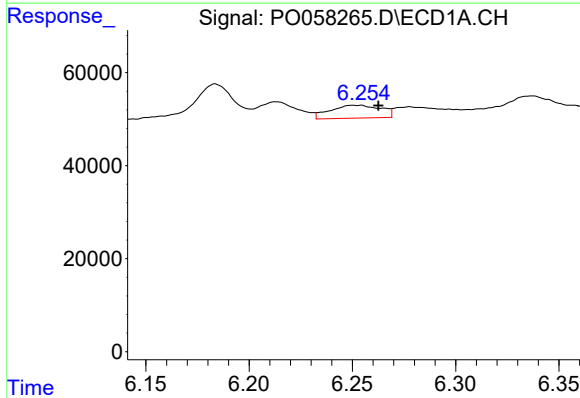
R.T.: 6.213 min
Delta R.T.: -0.013 min
Response: 52014
Conc: 26.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



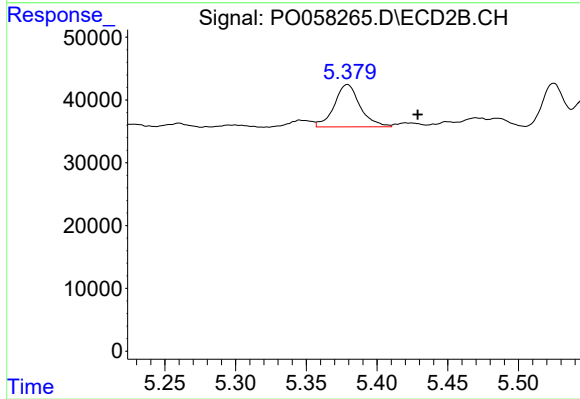
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.042 min
Response: 0
Conc: N.D.



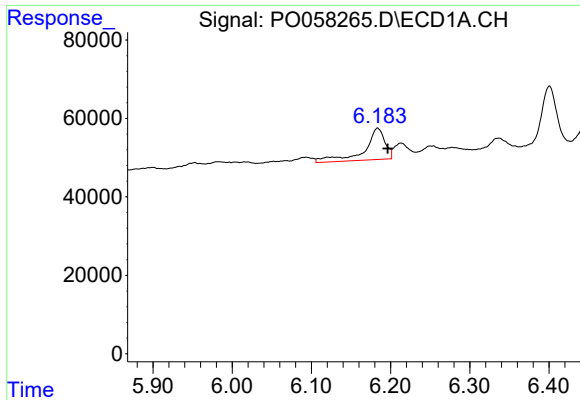
#25 AR-1248-5

R.T.: 6.252 min
Delta R.T.: -0.011 min
Response: 47346
Conc: 24.84 ng/ml



#25 AR-1248-5

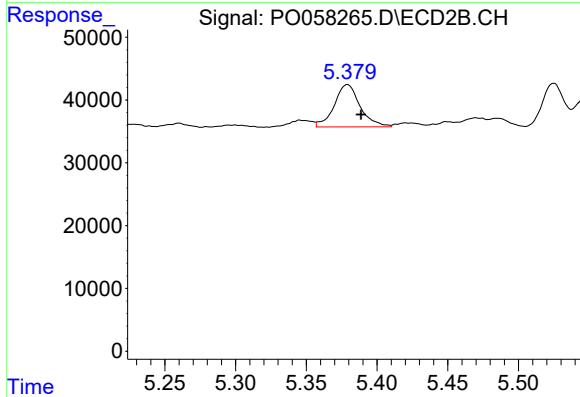
R.T.: 5.379 min
Delta R.T.: -0.050 min
Response: 85954
Conc: 67.99 ng/ml



#26 AR-1254-1

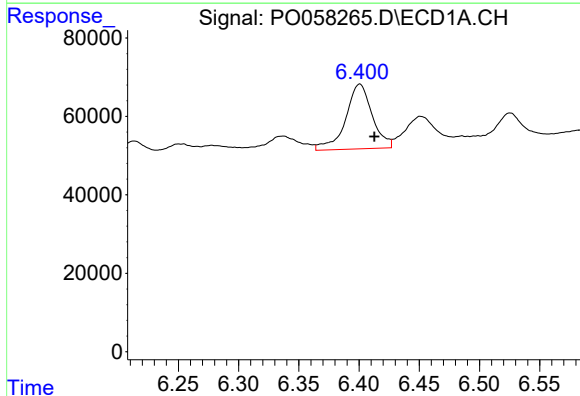
R.T.: 6.184 min
Delta R.T.: -0.013 min
Response: 145257
Conc: 73.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



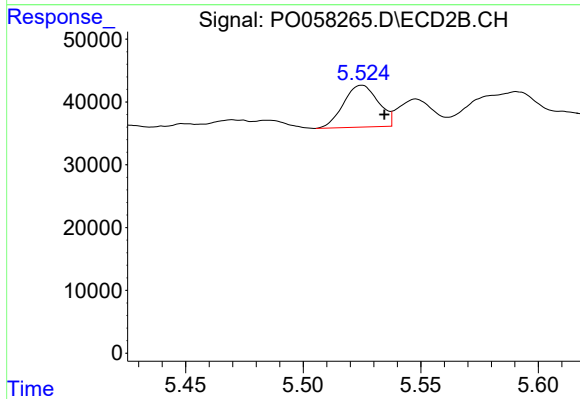
#26 AR-1254-1

R.T.: 5.379 min
Delta R.T.: -0.010 min
Response: 85954
Conc: 42.19 ng/ml



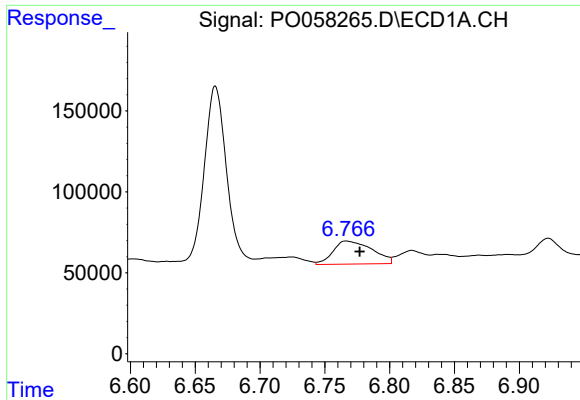
#27 AR-1254-2

R.T.: 6.401 min
Delta R.T.: -0.012 min
Response: 253960
Conc: 77.69 ng/ml



#27 AR-1254-2

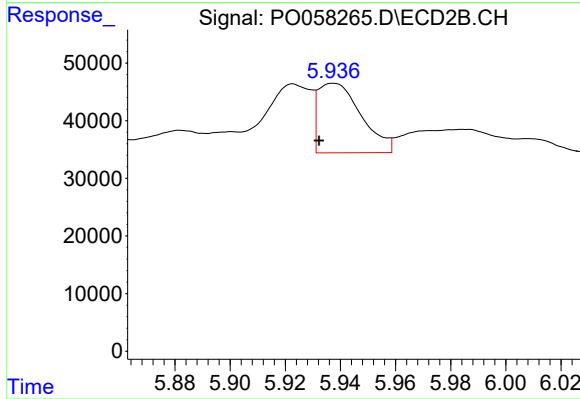
R.T.: 5.525 min
Delta R.T.: -0.010 min
Response: 68567
Conc: 37.84 ng/ml



#28 AR-1254-3

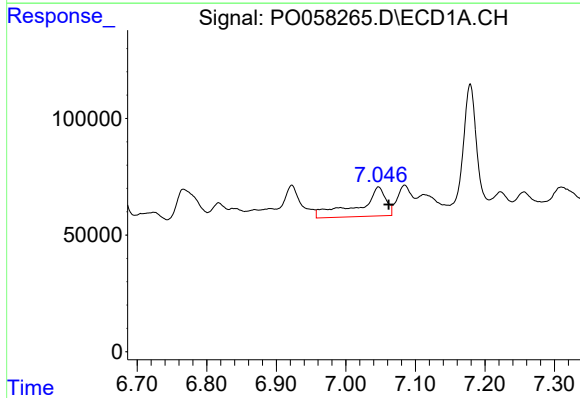
R.T.: 6.768 min
Delta R.T.: -0.009 min
Response: 298511
Conc: 84.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



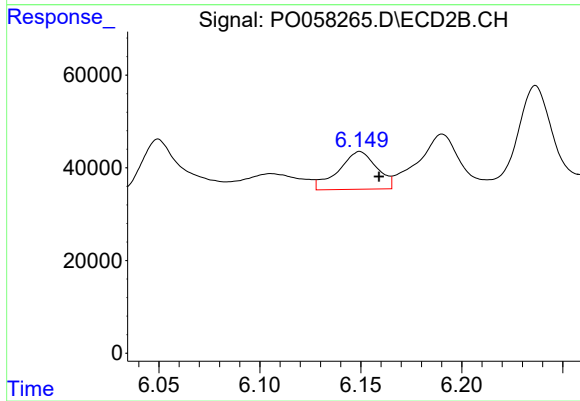
#28 AR-1254-3

R.T.: 5.938 min
Delta R.T.: 0.005 min
Response: 131313
Conc: 44.84 ng/ml



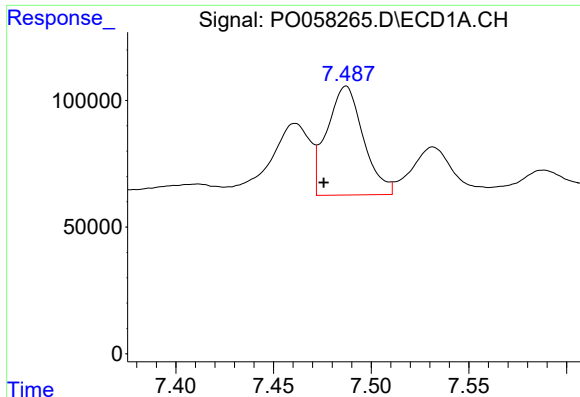
#29 AR-1254-4

R.T.: 7.047 min
Delta R.T.: -0.014 min
Response: 340621
Conc: 115.12 ng/ml



#29 AR-1254-4

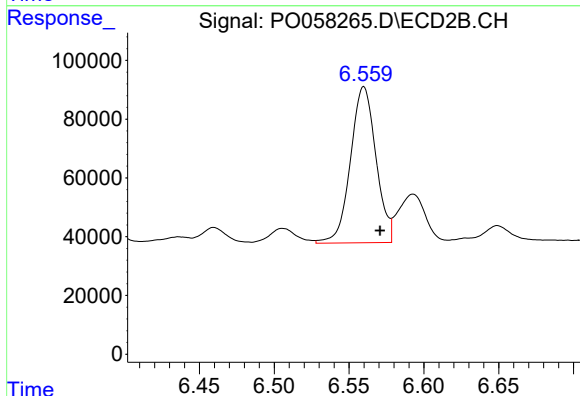
R.T.: 6.150 min
Delta R.T.: -0.010 min
Response: 106947
Conc: 57.88 ng/ml



#30 AR-1254-5

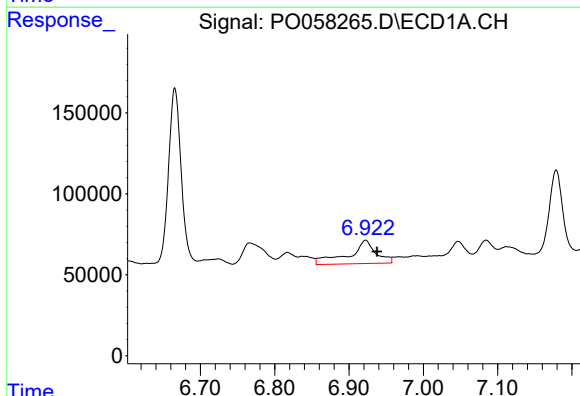
R.T.: 7.487 min
Delta R.T.: 0.011 min
Response: 557871
Conc: 190.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



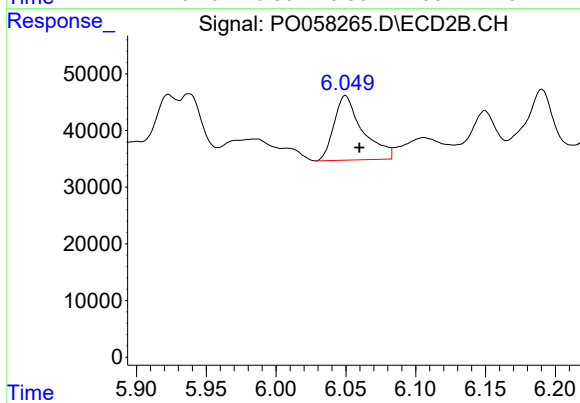
#30 AR-1254-5

R.T.: 6.560 min
Delta R.T.: -0.011 min
Response: 629267
Conc: 231.48 ng/ml



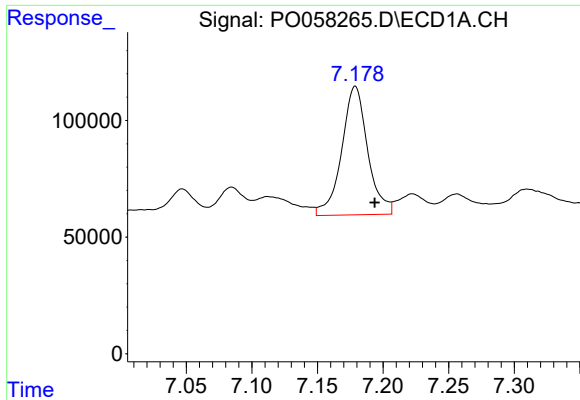
#31 AR-1260-1

R.T.: 6.922 min
Delta R.T.: -0.015 min
Response: 368623
Conc: 147.38 ng/ml



#31 AR-1260-1

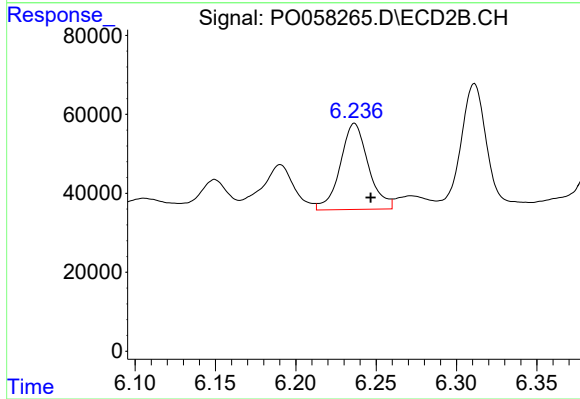
R.T.: 6.050 min
Delta R.T.: -0.010 min
Response: 161912
Conc: 79.95 ng/ml



#32 AR-1260-2

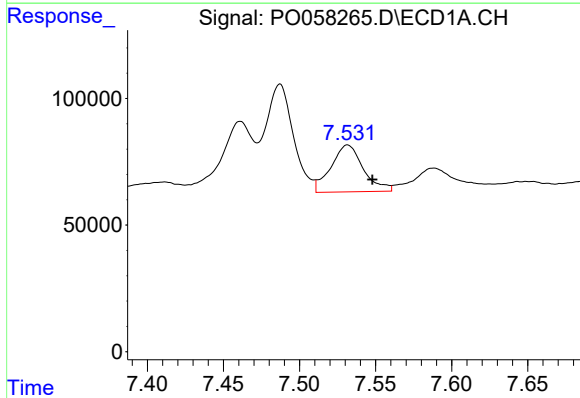
R.T.: 7.179 min
Delta R.T.: -0.015 min
Response: 761505
Conc: 216.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



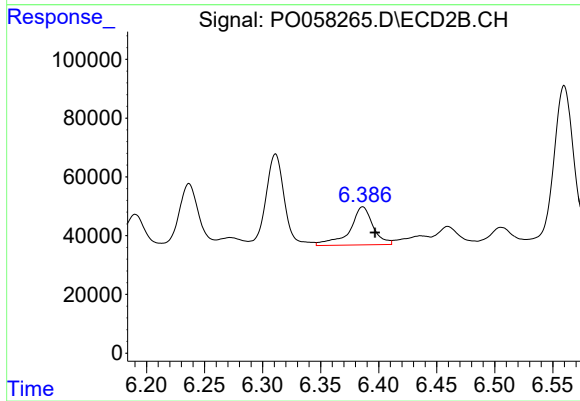
#32 AR-1260-2

R.T.: 6.237 min
Delta R.T.: -0.010 min
Response: 265404
Conc: 103.20 ng/ml



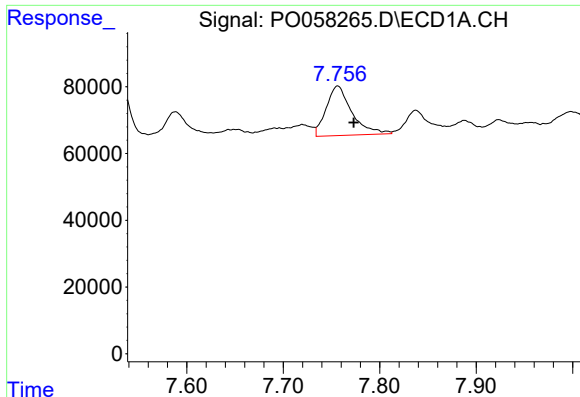
#33 AR-1260-3

R.T.: 7.532 min
Delta R.T.: -0.016 min
Response: 273953
Conc: 93.30 ng/ml



#33 AR-1260-3

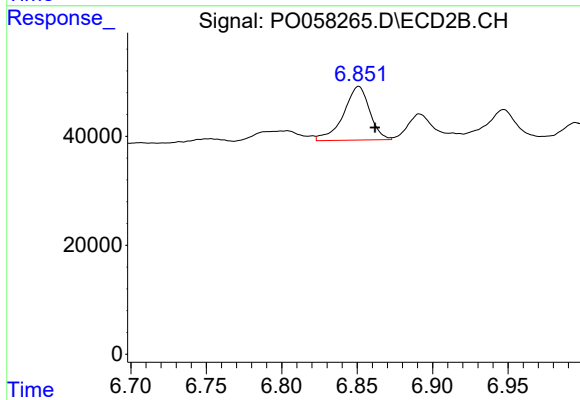
R.T.: 6.386 min
Delta R.T.: -0.011 min
Response: 180900
Conc: 79.32 ng/ml



#34 AR-1260-4

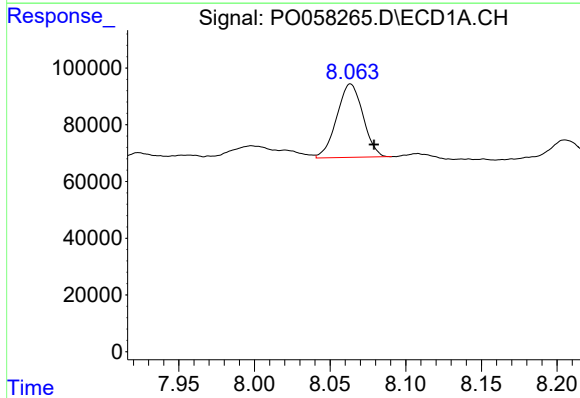
R.T.: 7.756 min
Delta R.T.: -0.017 min
Response: 272547
Conc: 99.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



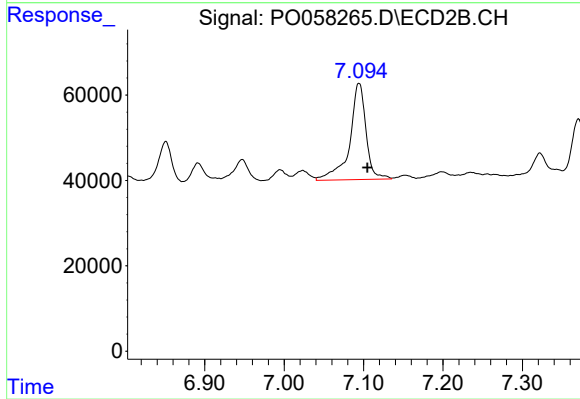
#34 AR-1260-4

R.T.: 6.851 min
Delta R.T.: -0.011 min
Response: 119105
Conc: 61.51 ng/ml



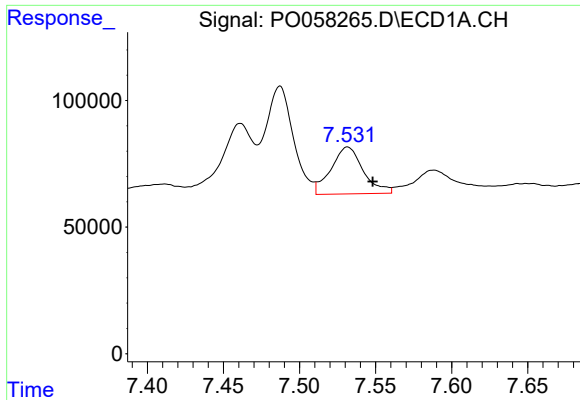
#35 AR-1260-5

R.T.: 8.064 min
Delta R.T.: -0.015 min
Response: 312690
Conc: 53.90 ng/ml



#35 AR-1260-5

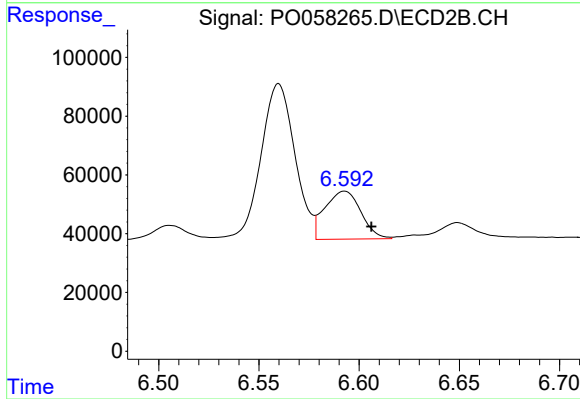
R.T.: 7.094 min
Delta R.T.: -0.011 min
Response: 322612
Conc: 70.09 ng/ml



#36 AR-1262-1

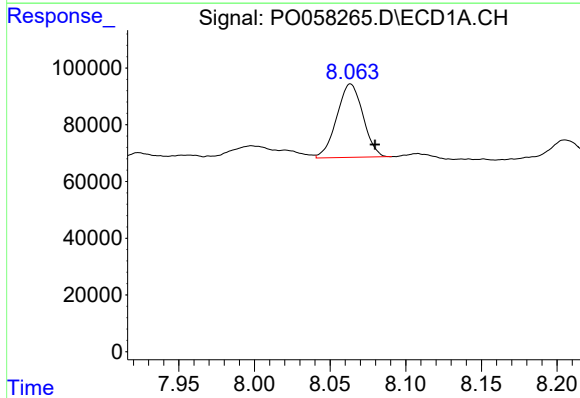
R.T.: 7.532 min
Delta R.T.: -0.016 min
Response: 273953
Conc: 49.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



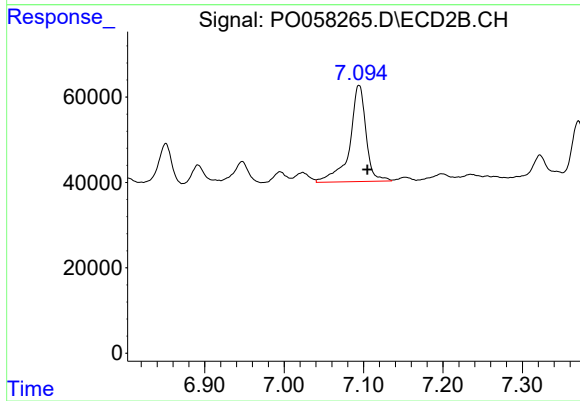
#36 AR-1262-1

R.T.: 6.593 min
Delta R.T.: -0.013 min
Response: 204573
Conc: 51.50 ng/ml



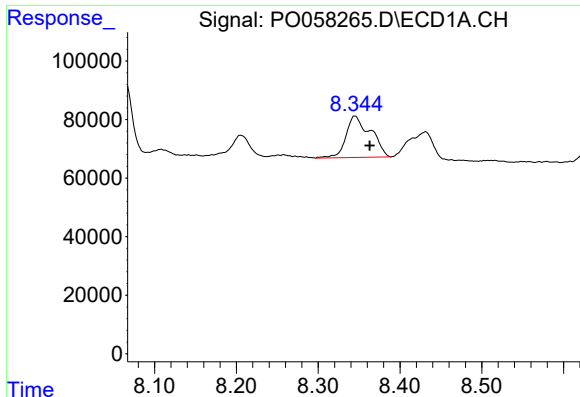
#37 AR-1262-2

R.T.: 8.064 min
Delta R.T.: -0.016 min
Response: 312690
Conc: 36.77 ng/ml



#37 AR-1262-2

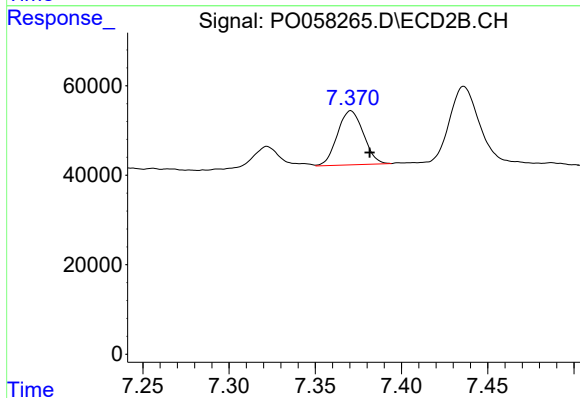
R.T.: 7.094 min
Delta R.T.: -0.011 min
Response: 322612
Conc: 49.95 ng/ml



#38 AR-1262-3

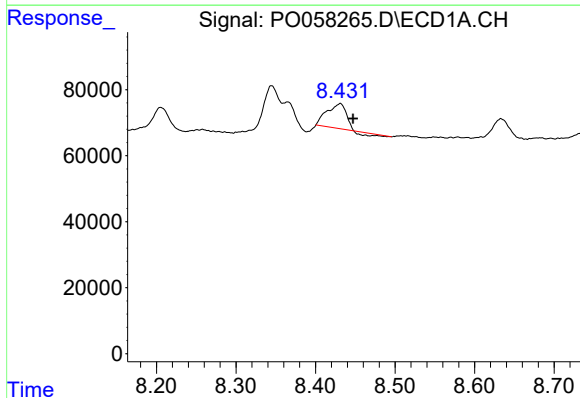
R.T.: 8.345 min
Delta R.T.: -0.018 min
Response: 294595
Conc: 52.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



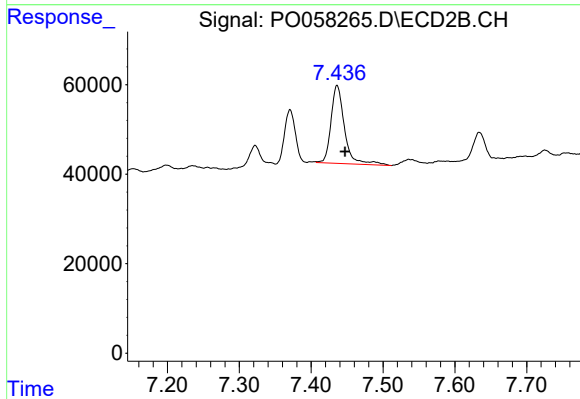
#38 AR-1262-3

R.T.: 7.371 min
Delta R.T.: -0.011 min
Response: 126652
Conc: 45.95 ng/ml



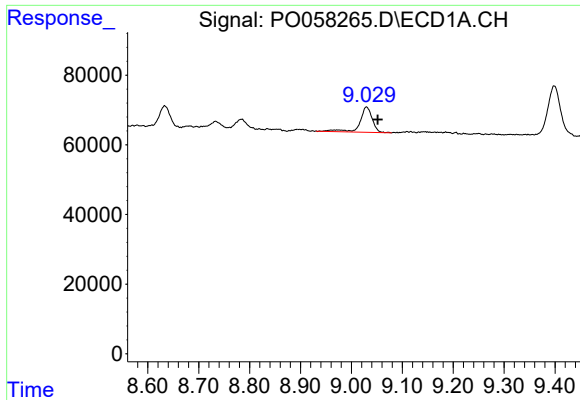
#39 AR-1262-4

R.T.: 8.430 min
Delta R.T.: -0.017 min
Response: 113641
Conc: 24.91 ng/ml



#39 AR-1262-4

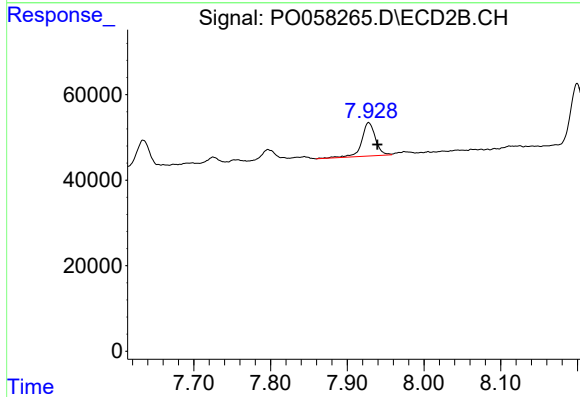
R.T.: 7.436 min
Delta R.T.: -0.011 min
Response: 228405
Conc: 47.84 ng/ml



#40 AR-1262-5

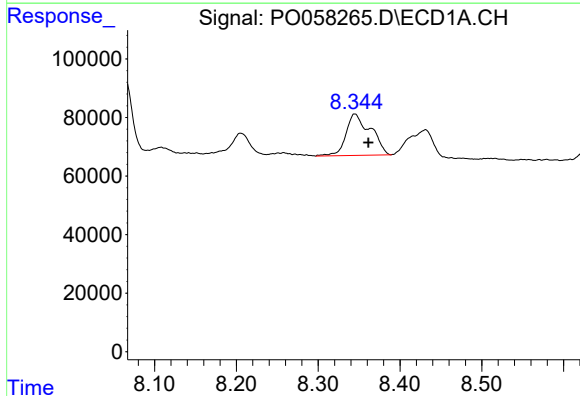
R.T.: 9.030 min
Delta R.T.: -0.022 min
Response: 123582
Conc: 44.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



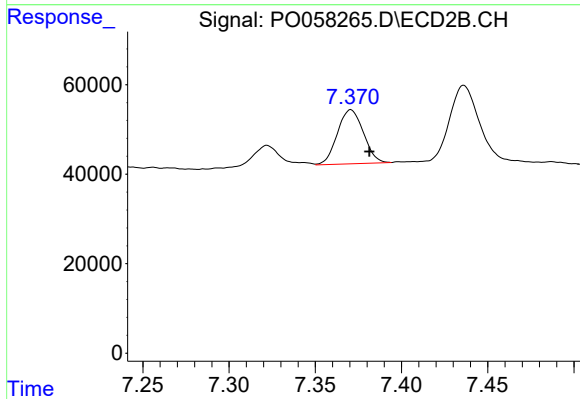
#40 AR-1262-5

R.T.: 7.928 min
Delta R.T.: -0.011 min
Response: 97955
Conc: 49.25 ng/ml



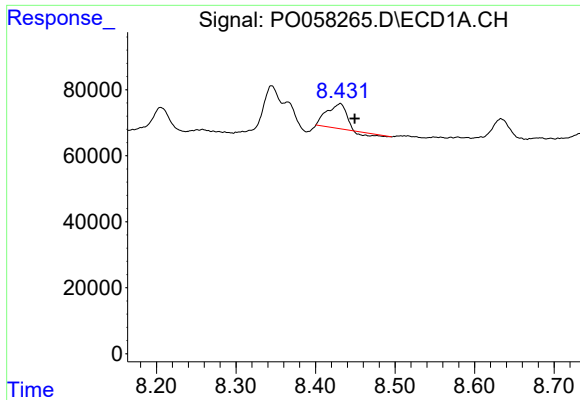
#41 AR-1268-1

R.T.: 8.345 min
Delta R.T.: -0.016 min
Response: 294595
Conc: 28.65 ng/ml



#41 AR-1268-1

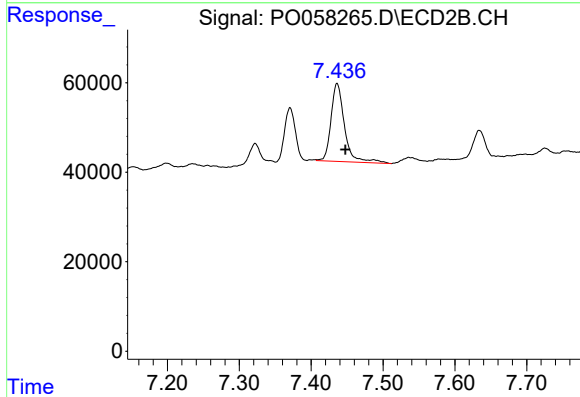
R.T.: 7.371 min
Delta R.T.: -0.011 min
Response: 126652
Conc: 16.22 ng/ml



#42 AR-1268-2

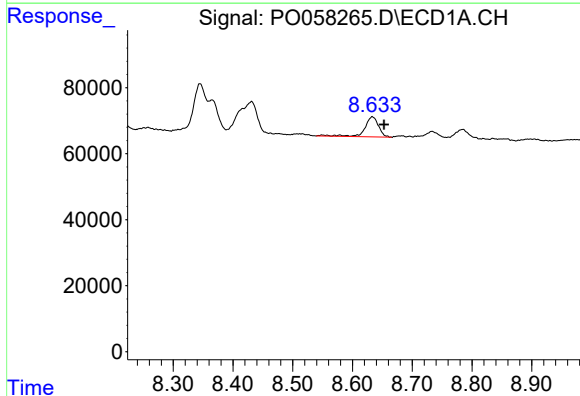
R.T.: 8.430 min
Delta R.T.: -0.019 min
Response: 113641
Conc: 12.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



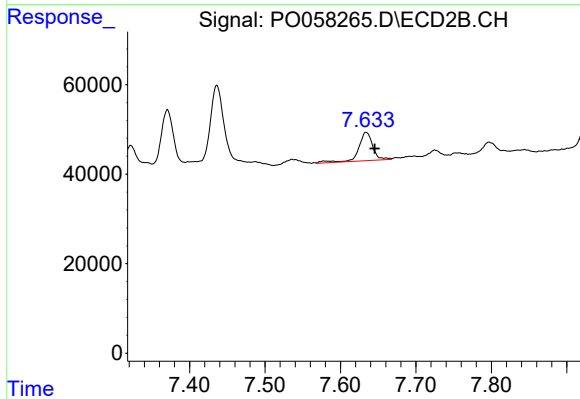
#42 AR-1268-2

R.T.: 7.436 min
Delta R.T.: -0.011 min
Response: 228405
Conc: 32.06 ng/ml



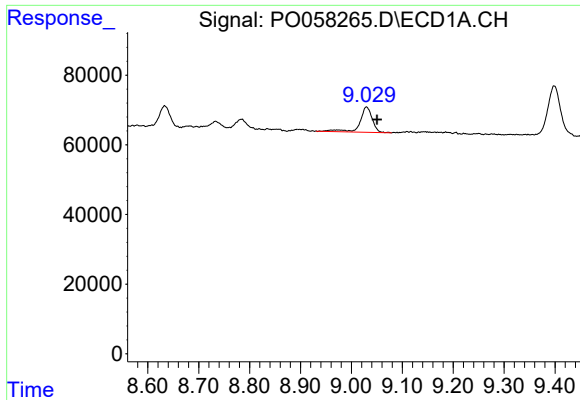
#43 AR-1268-3

R.T.: 8.633 min
Delta R.T.: -0.020 min
Response: 97998
Conc: 12.27 ng/ml



#43 AR-1268-3

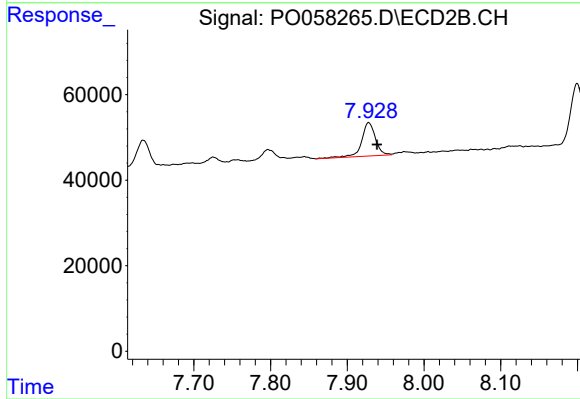
R.T.: 7.634 min
Delta R.T.: -0.011 min
Response: 82836
Conc: 13.75 ng/ml



#44 AR-1268-4

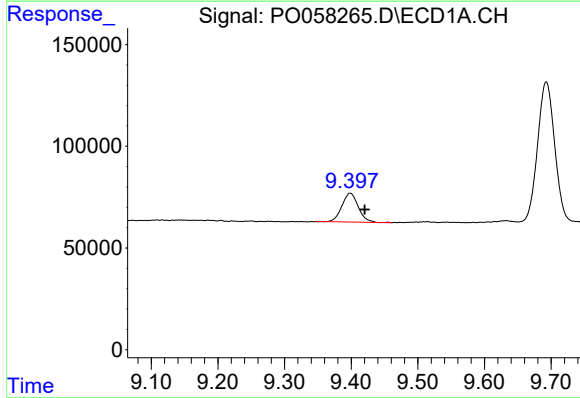
R.T.: 9.030 min
Delta R.T.: -0.020 min
Response: 123582
Conc: 41.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



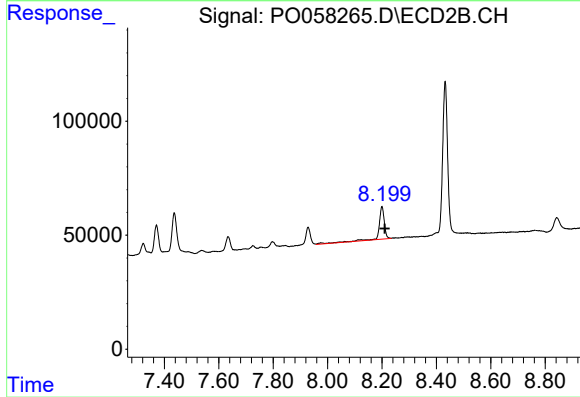
#44 AR-1268-4

R.T.: 7.928 min
Delta R.T.: -0.011 min
Response: 97955
Conc: 46.83 ng/ml



#45 AR-1268-5

R.T.: 9.399 min
Delta R.T.: -0.022 min
Response: 242728
Conc: 11.14 ng/ml



#45 AR-1268-5

R.T.: 8.200 min
Delta R.T.: -0.011 min
Response: 194997
Conc: 11.69 ng/ml