

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122719\
 Data File : PO065033.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Dec 2019 17:29
 Operator : SM/AJ
 Sample : K6413-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 22:55:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO122619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 26 13:32:04 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...	4.170	3.445	645804	849590	27.495	30.163
2)	SA Decachlor...	9.681	8.356	601781	767641	23.703	23.432
Target Compounds							
3)	L1 AR-1016-1	5.345	4.524	48014	37674	42.849	27.654 #
4)	L1 AR-1016-2	5.345	4.524	48014	37674	29.665	20.144 #
5)	L1 AR-1016-3	5.345	4.699	48014	26276	48.476	26.300 #
6)	L1 AR-1016-4	5.498	4.739	26246	80937	33.101	92.574 #
7)	L1 AR-1016-5	5.792	4.949	47363	76895	59.852	68.885
10)	L2 AR-1221-3	0.000	3.868	0	129213	N.D.	187.546 #
11)	L3 AR-1232-1	0.000	3.868	0	129213	N.D.	110.504 #
12)	L3 AR-1232-2	0.000	4.524	0	37674	N.D.	27.246 #
13)	L3 AR-1232-3	5.345	4.699	48014	26276	41.122	36.806
14)	L3 AR-1232-4	5.498	4.778	26246	62687	46.071	92.414 #
15)	L3 AR-1232-5	5.591	4.949	67296	76895	167.478	104.687 #
16)	L4 AR-1242-1	5.345	4.524	48014	37674	61.288	40.003 #
17)	L4 AR-1242-2	5.345	4.524	48014	37674	42.309	28.546 #
18)	L4 AR-1242-3	5.345	4.699	48014	26276	68.208	37.471 #
19)	L4 AR-1242-4	5.498	4.778	26246	62687	46.470	84.656 #
20)	L4 AR-1242-5	6.230	5.296	63529	127457	88.625	126.965 #
21)	L5 AR-1248-1	5.345	4.524	48014	37674	78.792	50.204 #
22)	L5 AR-1248-2	5.591	4.739	67296	80937	76.543	77.150
23)	L5 AR-1248-3	5.792	4.778	47363	62687	48.194	57.748
24)	L5 AR-1248-4	6.230	4.949	63529	76895	51.748	58.780
25)	L5 AR-1248-5	6.230	5.296	63529	127457	53.919	64.734
26)	L6 AR-1254-1	6.164	5.296	90656	127457	71.180	56.307
27)	L6 AR-1254-2	6.382	5.442	141728	105211	70.823	52.198 #
28)	L6 AR-1254-3	6.745	5.840	160569	235232	71.818	69.622
29)	L6 AR-1254-4	7.027	6.067	76523	80078	45.399	37.078
30)	L6 AR-1254-5	7.441	6.481	66751	130838	34.160	43.475 #
31)	L7 AR-1260-1	6.904	5.969	55679	134859	34.676	61.307 #
32)	L7 AR-1260-2	7.156	6.157	146671	136141	75.841	49.268 #
33)	L7 AR-1260-3	0.000	6.307	0	78384	N.D.	32.040 #
34)	L7 AR-1260-4	7.736	6.775	47565	33341	27.982	16.537 #
35)	L7 AR-1260-5	8.044	7.016	49274	89302	15.248	18.996
36)	L8 AR-1262-1	0.000	6.517	0	40539	N.D.	30.880 #
37)	L8 AR-1262-2	8.044	7.016	49274	89302	12.800	15.913
38)	L8 AR-1262-3	8.343	7.297	36207	19421	13.866	9.273 #
39)	L8 AR-1262-4	0.000	7.360	0	56509	N.D.	14.245 #
41)	L9 AR-1268-1	8.343	7.297	36207	19421	8.534	3.271 #
42)	L9 AR-1268-2	0.000	7.360	0	56509	N.D.	10.552 #
43)	L9 AR-1268-3	0.000	7.565	0	25445	N.D.	5.795 #
45)	L9 AR-1268-5	9.382	8.124	38827	44266	4.261	3.597

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122719\
Data File : P0065033.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Dec 2019 17:29
Operator : SM/AJ
Sample : K6413-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

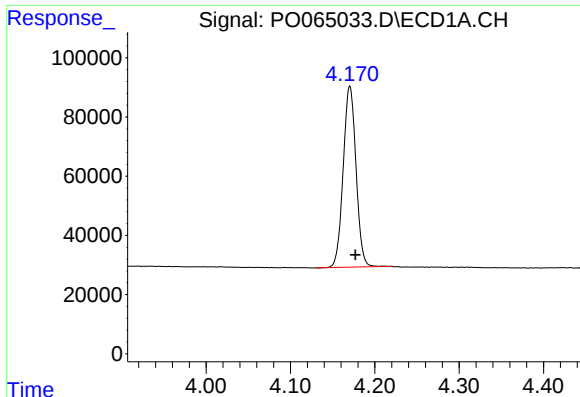
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 22:55:40 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO122619.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Dec 26 13:32:04 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

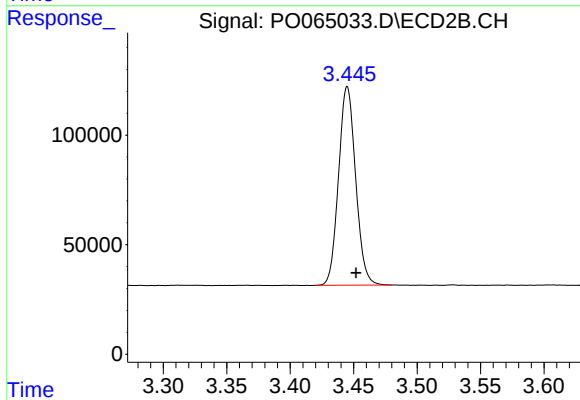
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

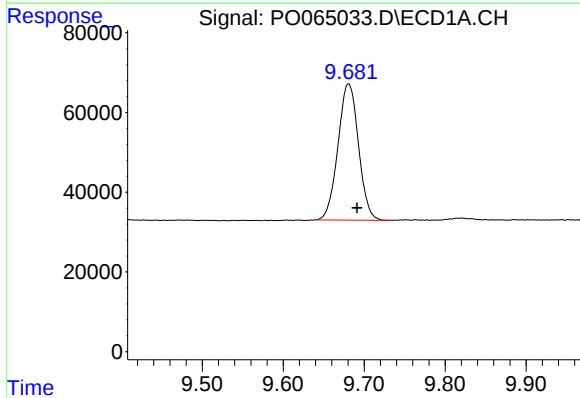
R.T.: 4.170 min
Delta R.T.: -0.007 min
Response: 645804
Conc: 27.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



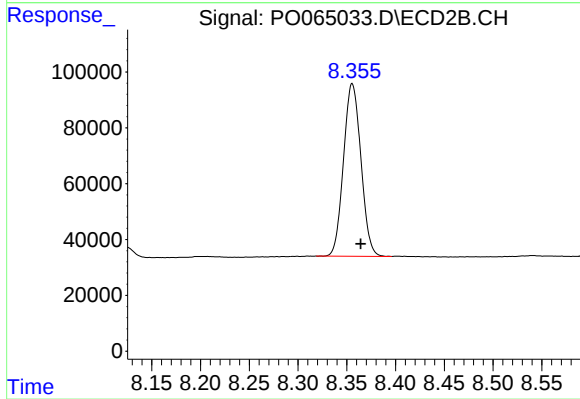
#1 Tetrachloro-m-xylene

R.T.: 3.445 min
Delta R.T.: -0.007 min
Response: 849590
Conc: 30.16 ng/ml



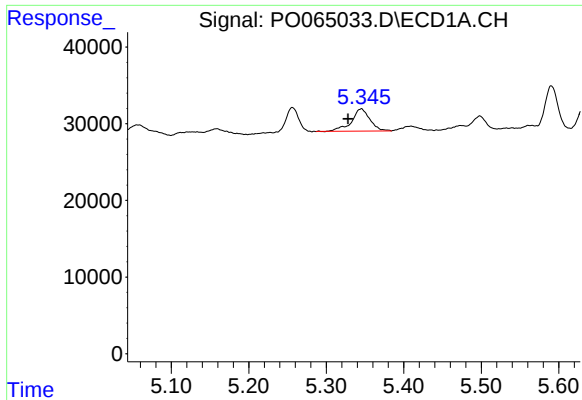
#2 Decachlorobiphenyl

R.T.: 9.681 min
Delta R.T.: -0.011 min
Response: 601781
Conc: 23.70 ng/ml



#2 Decachlorobiphenyl

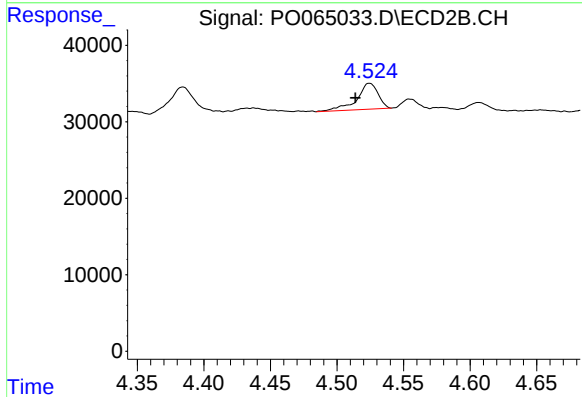
R.T.: 8.356 min
Delta R.T.: -0.009 min
Response: 767641
Conc: 23.43 ng/ml



#3 AR-1016-1

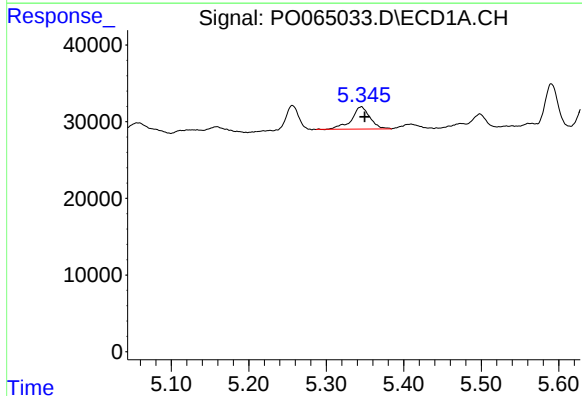
R.T.: 5.345 min
Delta R.T.: 0.017 min
Response: 48014
Conc: 42.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



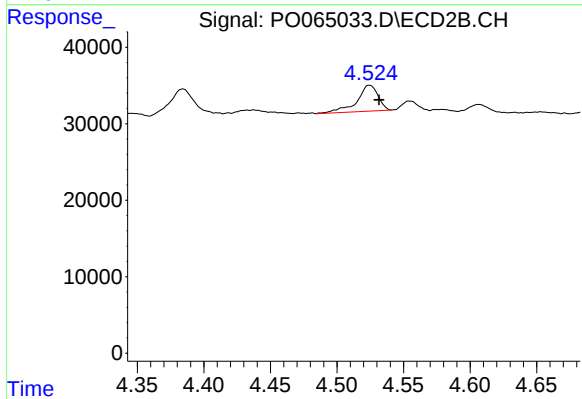
#3 AR-1016-1

R.T.: 4.524 min
Delta R.T.: 0.011 min
Response: 37674
Conc: 27.65 ng/ml



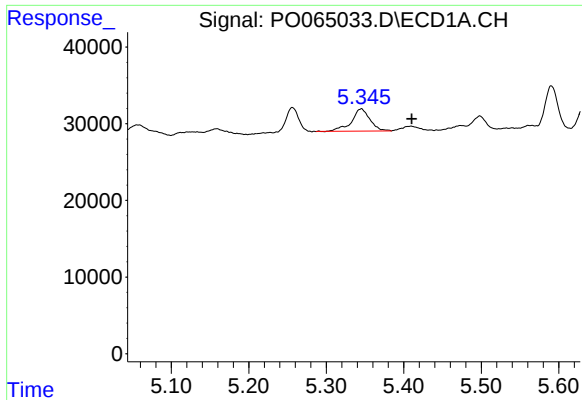
#4 AR-1016-2

R.T.: 5.345 min
Delta R.T.: -0.005 min
Response: 48014
Conc: 29.66 ng/ml



#4 AR-1016-2

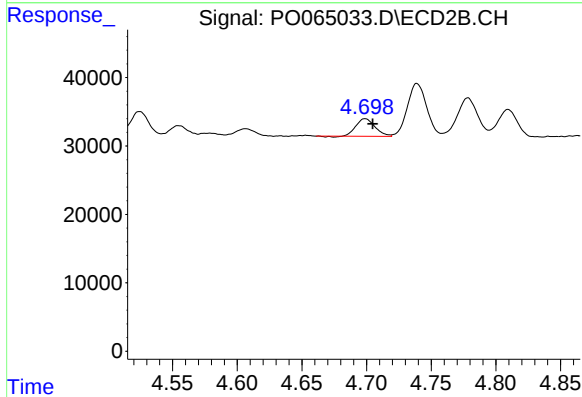
R.T.: 4.524 min
Delta R.T.: -0.007 min
Response: 37674
Conc: 20.14 ng/ml



#5 AR-1016-3

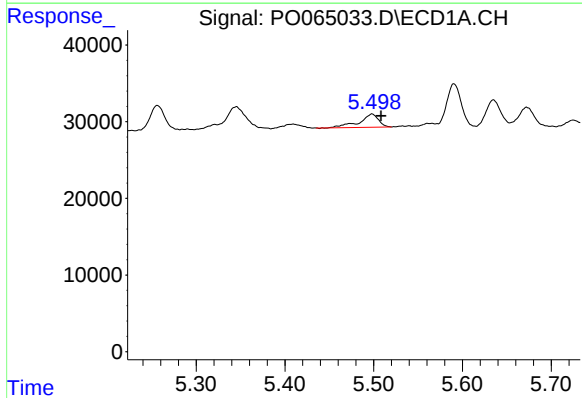
R.T.: 5.345 min
Delta R.T.: -0.065 min
Response: 48014
Conc: 48.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



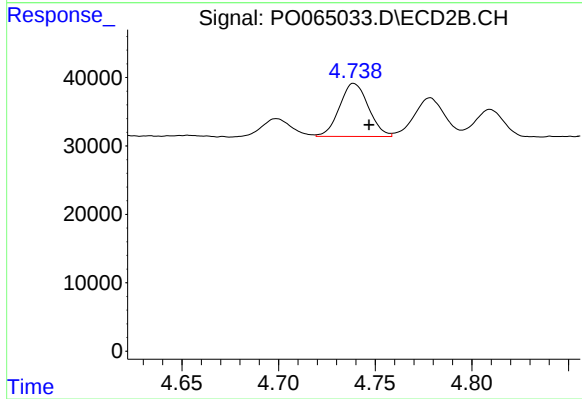
#5 AR-1016-3

R.T.: 4.699 min
Delta R.T.: -0.006 min
Response: 26276
Conc: 26.30 ng/ml



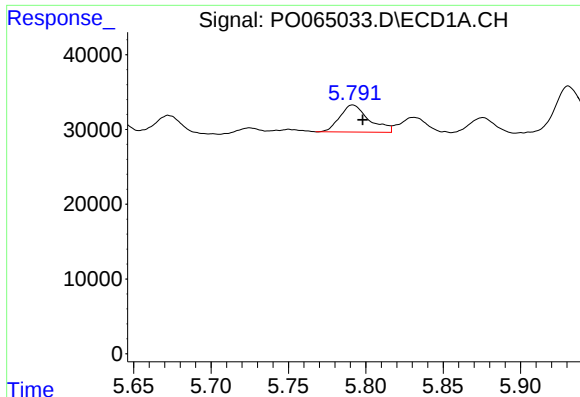
#6 AR-1016-4

R.T.: 5.498 min
Delta R.T.: -0.010 min
Response: 26246
Conc: 33.10 ng/ml



#6 AR-1016-4

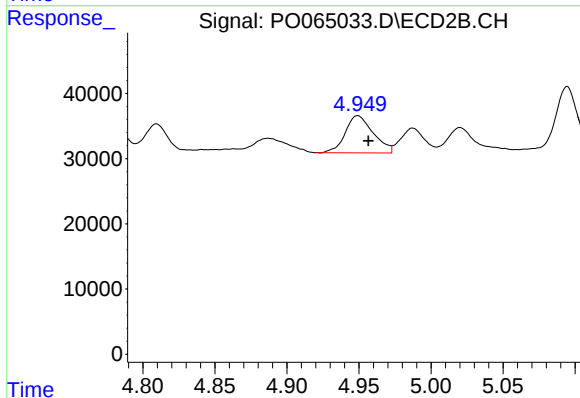
R.T.: 4.739 min
Delta R.T.: -0.008 min
Response: 80937
Conc: 92.57 ng/ml



#7 AR-1016-5

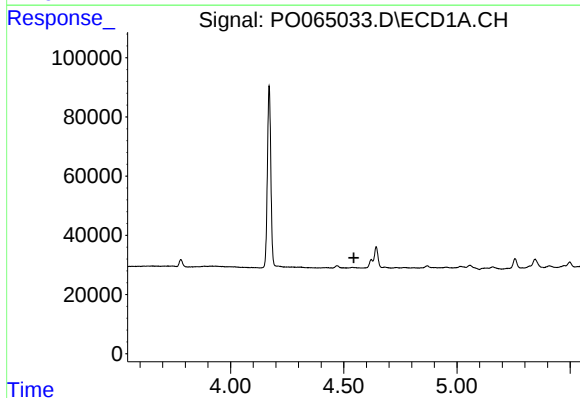
R.T.: 5.792 min
Delta R.T.: -0.006 min
Response: 47363
Conc: 59.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



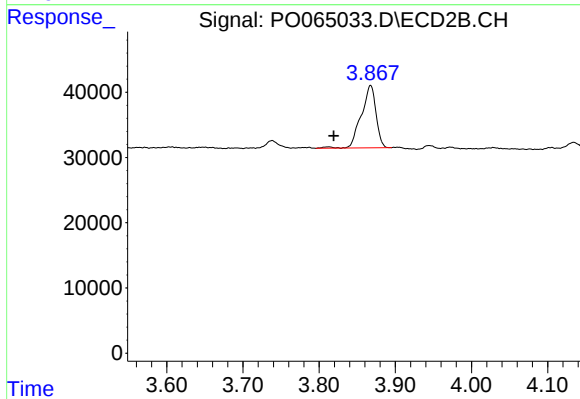
#7 AR-1016-5

R.T.: 4.949 min
Delta R.T.: -0.007 min
Response: 76895
Conc: 68.89 ng/ml



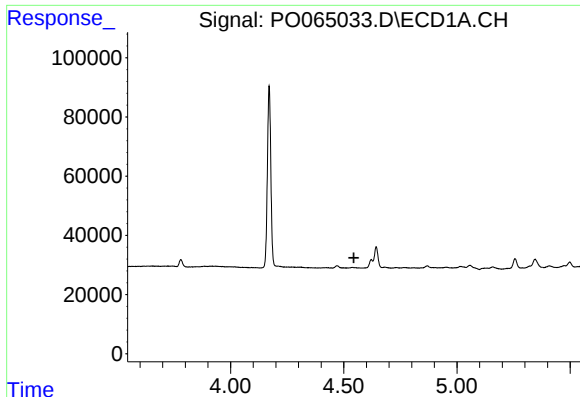
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#10 AR-1221-3

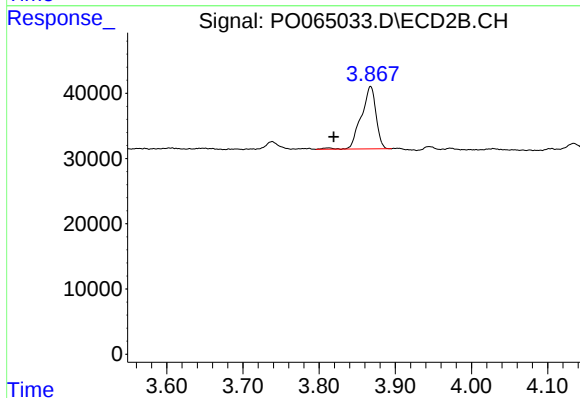
R.T.: 3.868 min
Delta R.T.: 0.048 min
Response: 129213
Conc: 187.55 ng/ml



#11 AR-1232-1

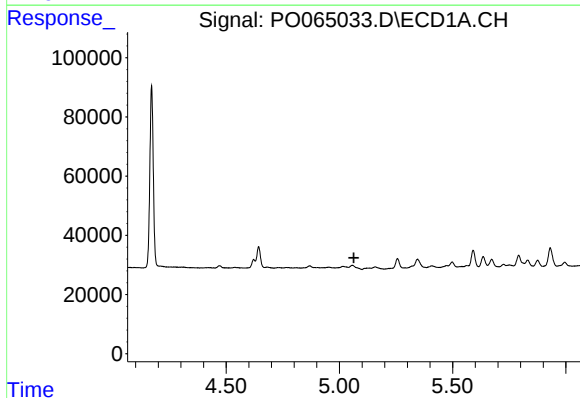
R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



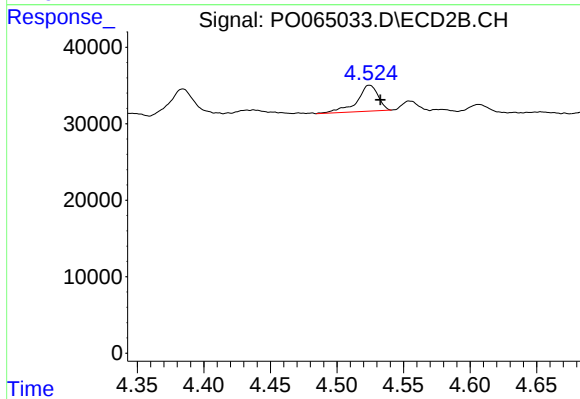
#11 AR-1232-1

R.T.: 3.868 min
Delta R.T.: 0.048 min
Response: 129213
Conc: 110.50 ng/ml



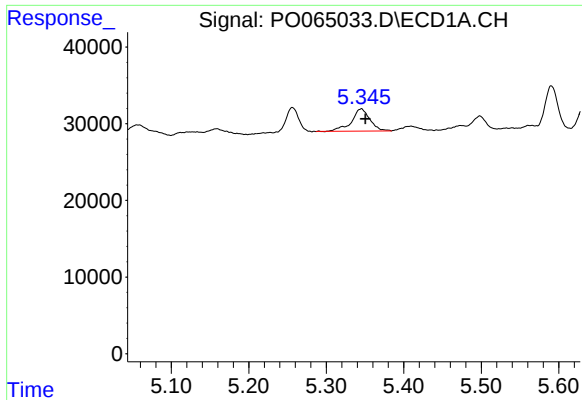
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.064 min
Response: 0
Conc: N.D.



#12 AR-1232-2

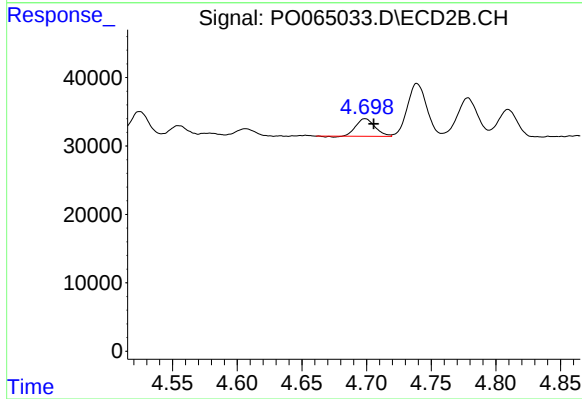
R.T.: 4.524 min
Delta R.T.: -0.008 min
Response: 37674
Conc: 27.25 ng/ml



#13 AR-1232-3

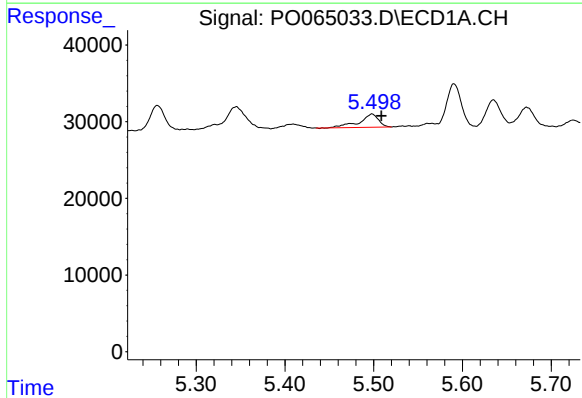
R.T.: 5.345 min
Delta R.T.: -0.005 min
Response: 48014
Conc: 41.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



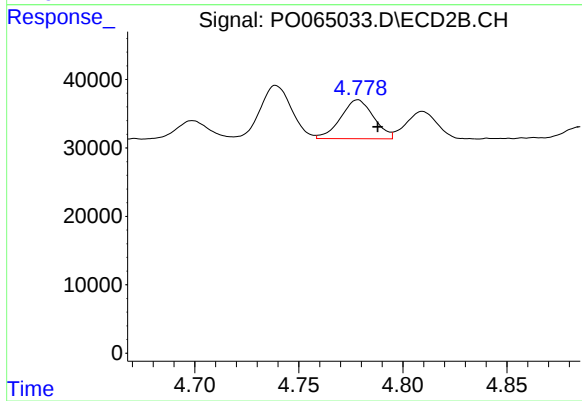
#13 AR-1232-3

R.T.: 4.699 min
Delta R.T.: -0.007 min
Response: 26276
Conc: 36.81 ng/ml



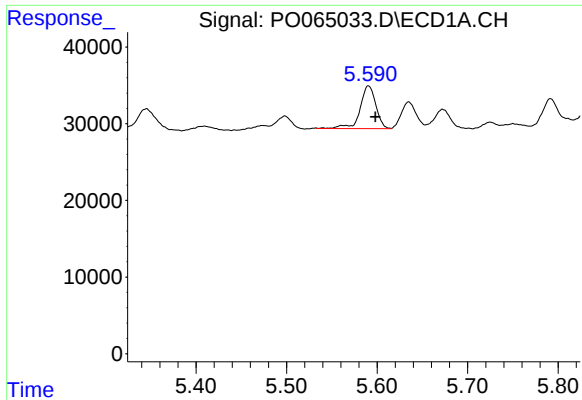
#14 AR-1232-4

R.T.: 5.498 min
Delta R.T.: -0.010 min
Response: 26246
Conc: 46.07 ng/ml



#14 AR-1232-4

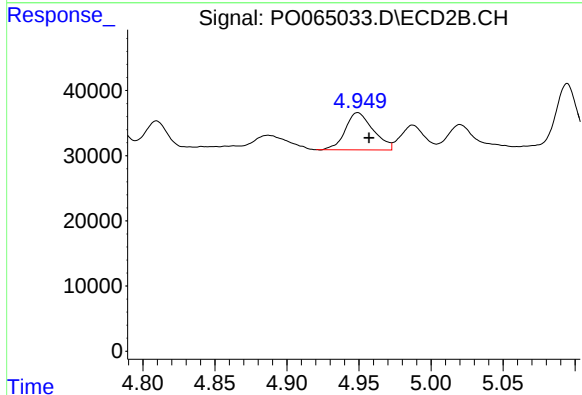
R.T.: 4.778 min
Delta R.T.: -0.010 min
Response: 62687
Conc: 92.41 ng/ml



#15 AR-1232-5

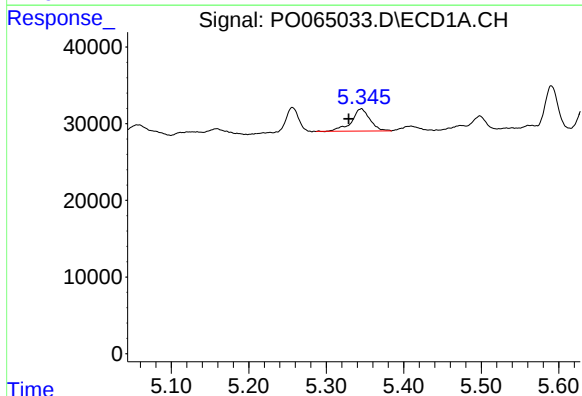
R.T.: 5.591 min
Delta R.T.: -0.008 min
Response: 67296
Conc: 167.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



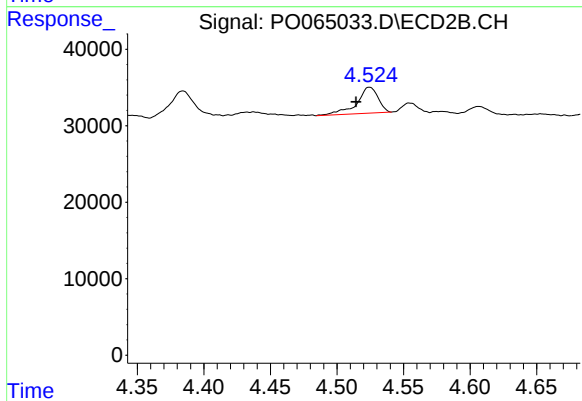
#15 AR-1232-5

R.T.: 4.949 min
Delta R.T.: -0.008 min
Response: 76895
Conc: 104.69 ng/ml



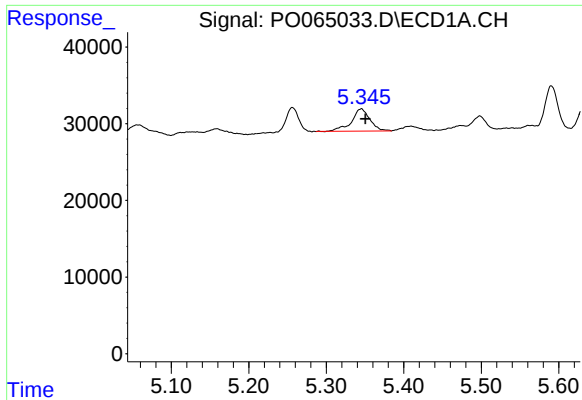
#16 AR-1242-1

R.T.: 5.345 min
Delta R.T.: 0.016 min
Response: 48014
Conc: 61.29 ng/ml



#16 AR-1242-1

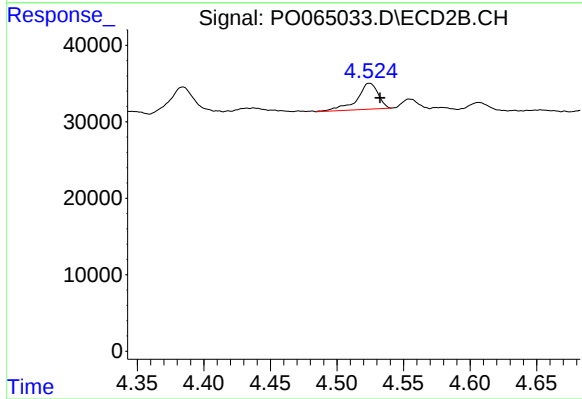
R.T.: 4.524 min
Delta R.T.: 0.010 min
Response: 37674
Conc: 40.00 ng/ml



#17 AR-1242-2

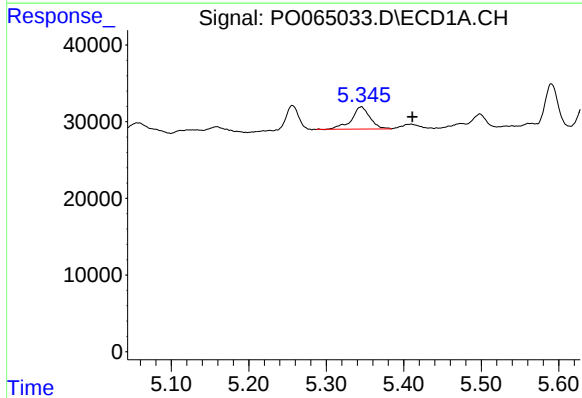
R.T.: 5.345 min
Delta R.T.: -0.006 min
Response: 48014
Conc: 42.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



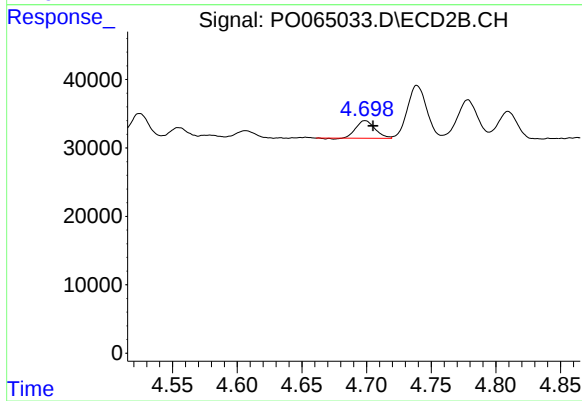
#17 AR-1242-2

R.T.: 4.524 min
Delta R.T.: -0.008 min
Response: 37674
Conc: 28.55 ng/ml



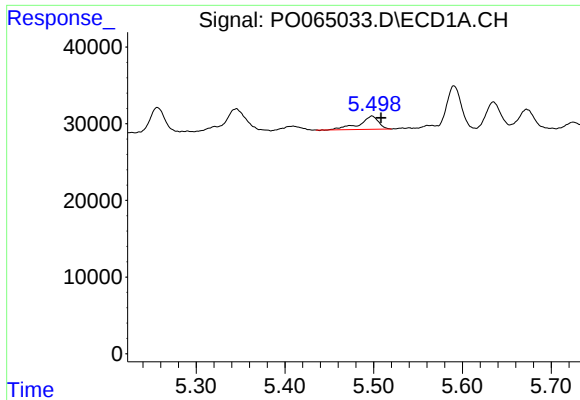
#18 AR-1242-3

R.T.: 5.345 min
Delta R.T.: -0.066 min
Response: 48014
Conc: 68.21 ng/ml



#18 AR-1242-3

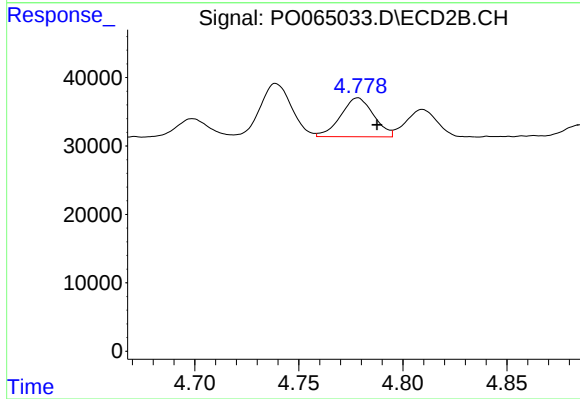
R.T.: 4.699 min
Delta R.T.: -0.006 min
Response: 26276
Conc: 37.47 ng/ml



#19 AR-1242-4

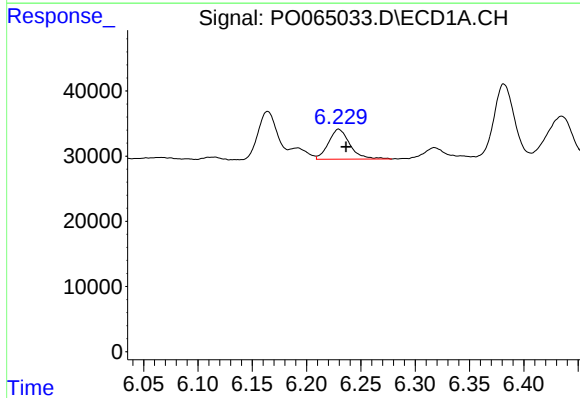
R.T.: 5.498 min
Delta R.T.: -0.010 min
Response: 26246
Conc: 46.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



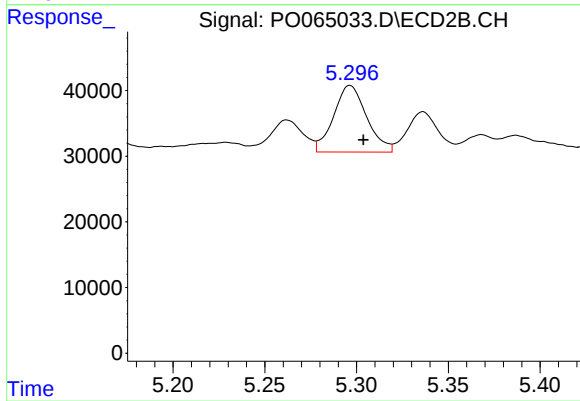
#19 AR-1242-4

R.T.: 4.778 min
Delta R.T.: -0.009 min
Response: 62687
Conc: 84.66 ng/ml



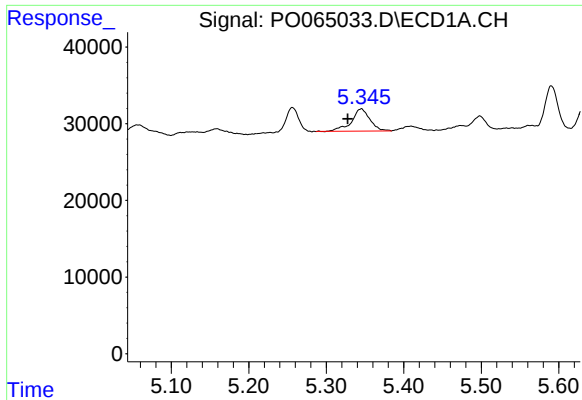
#20 AR-1242-5

R.T.: 6.230 min
Delta R.T.: -0.007 min
Response: 63529
Conc: 88.63 ng/ml



#20 AR-1242-5

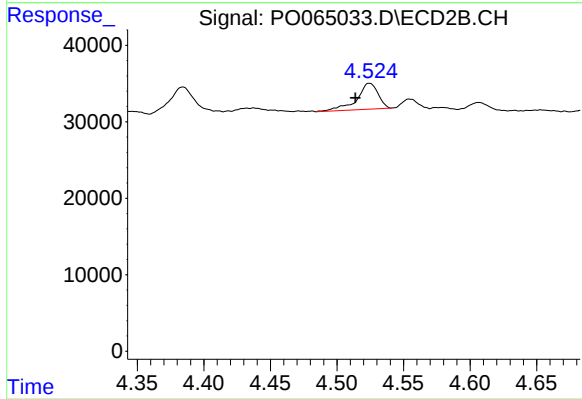
R.T.: 5.296 min
Delta R.T.: -0.007 min
Response: 127457
Conc: 126.97 ng/ml



#21 AR-1248-1

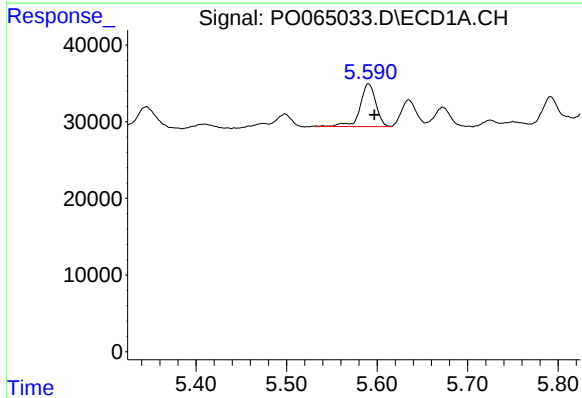
R.T.: 5.345 min
Delta R.T.: 0.017 min
Response: 48014
Conc: 78.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



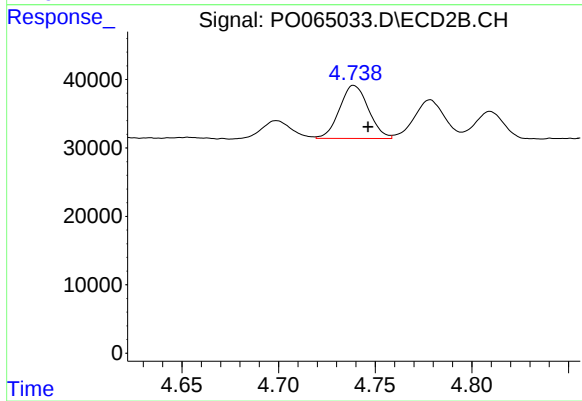
#21 AR-1248-1

R.T.: 4.524 min
Delta R.T.: 0.011 min
Response: 37674
Conc: 50.20 ng/ml



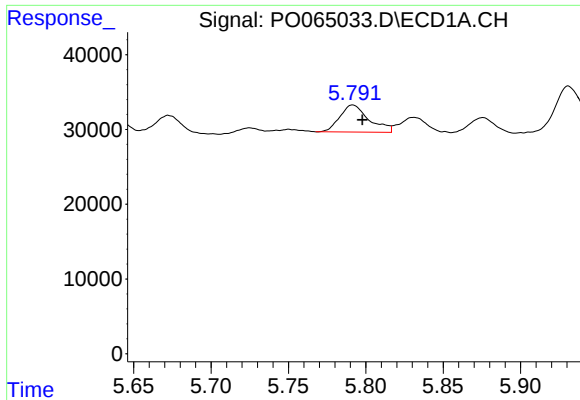
#22 AR-1248-2

R.T.: 5.591 min
Delta R.T.: -0.007 min
Response: 67296
Conc: 76.54 ng/ml



#22 AR-1248-2

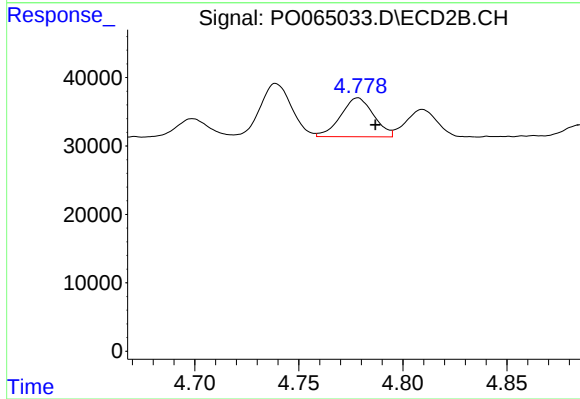
R.T.: 4.739 min
Delta R.T.: -0.007 min
Response: 80937
Conc: 77.15 ng/ml



#23 AR-1248-3

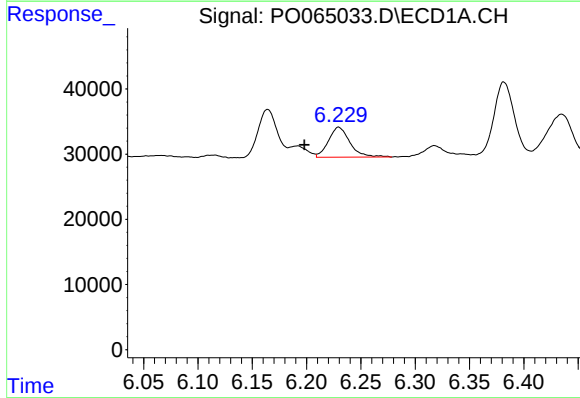
R.T.: 5.792 min
Delta R.T.: -0.006 min
Response: 47363
Conc: 48.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



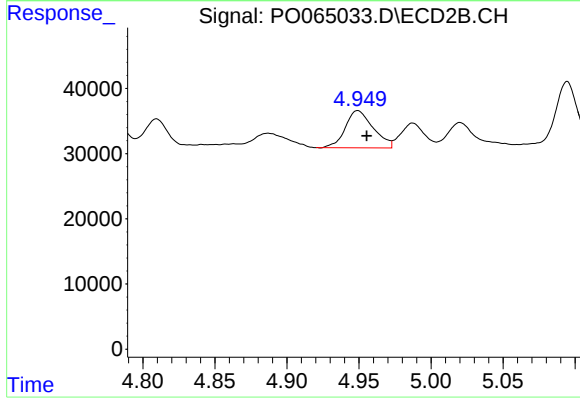
#23 AR-1248-3

R.T.: 4.778 min
Delta R.T.: -0.008 min
Response: 62687
Conc: 57.75 ng/ml



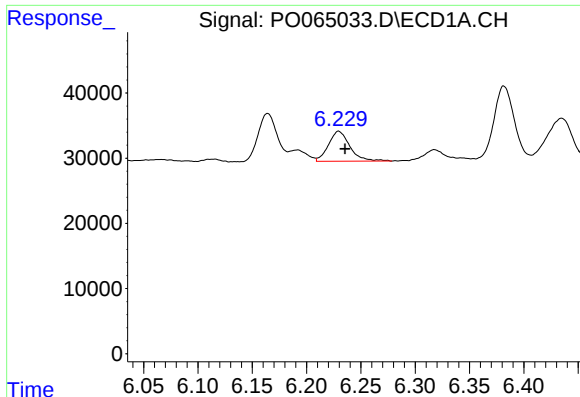
#24 AR-1248-4

R.T.: 6.230 min
Delta R.T.: 0.032 min
Response: 63529
Conc: 51.75 ng/ml



#24 AR-1248-4

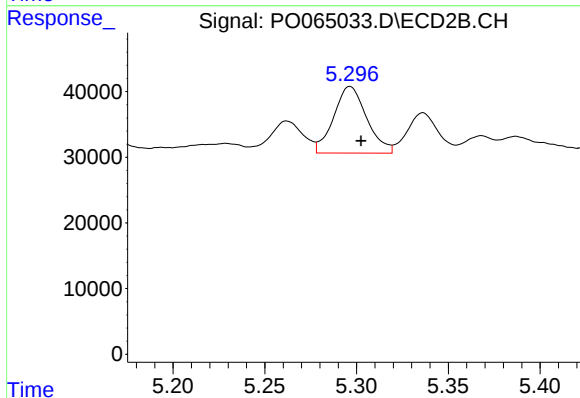
R.T.: 4.949 min
Delta R.T.: -0.006 min
Response: 76895
Conc: 58.78 ng/ml



#25 AR-1248-5

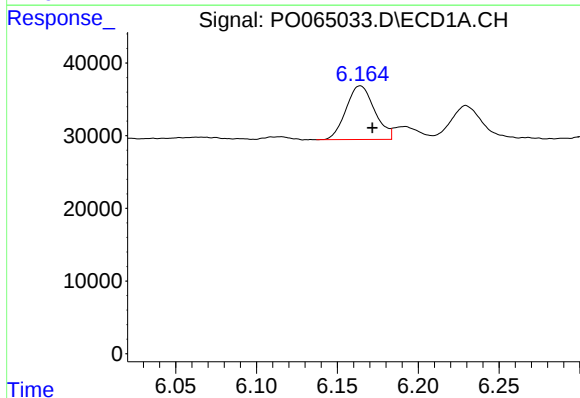
R.T.: 6.230 min
Delta R.T.: -0.006 min
Response: 63529
Conc: 53.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



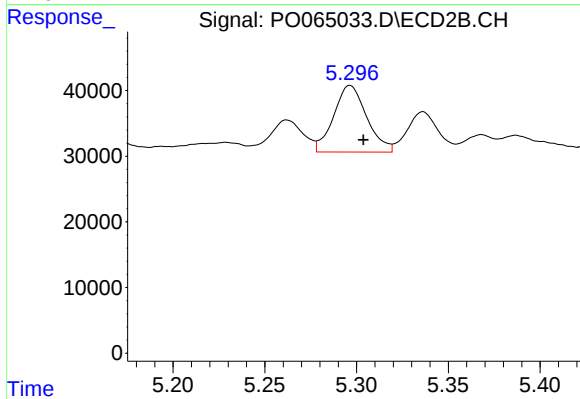
#25 AR-1248-5

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 127457
Conc: 64.73 ng/ml



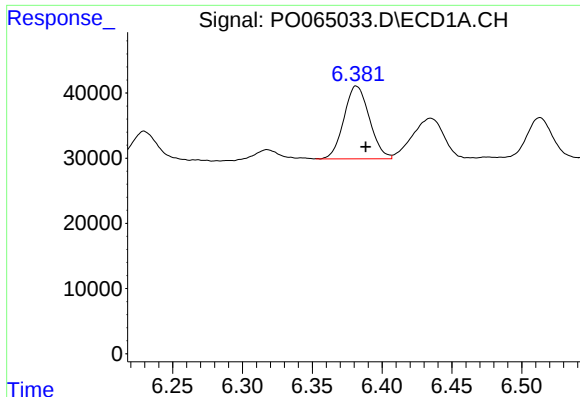
#26 AR-1254-1

R.T.: 6.164 min
Delta R.T.: -0.007 min
Response: 90656
Conc: 71.18 ng/ml



#26 AR-1254-1

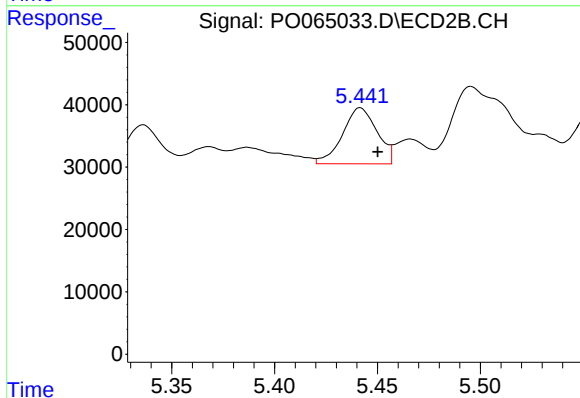
R.T.: 5.296 min
Delta R.T.: -0.007 min
Response: 127457
Conc: 56.31 ng/ml



#27 AR-1254-2

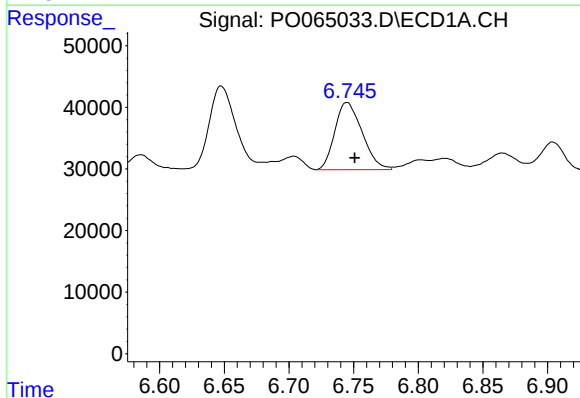
R.T.: 6.382 min
Delta R.T.: -0.007 min
Response: 141728
Conc: 70.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



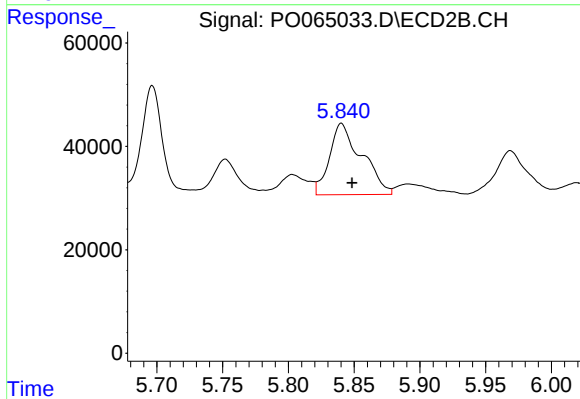
#27 AR-1254-2

R.T.: 5.442 min
Delta R.T.: -0.009 min
Response: 105211
Conc: 52.20 ng/ml



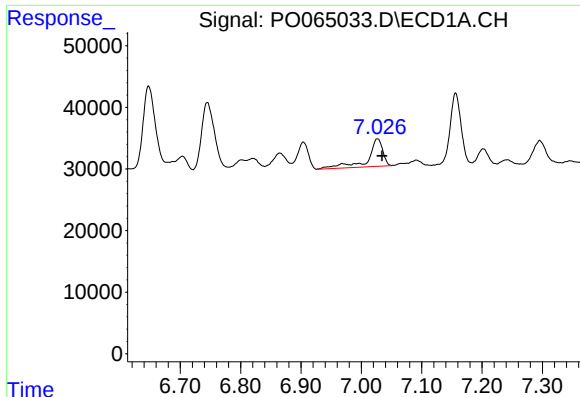
#28 AR-1254-3

R.T.: 6.745 min
Delta R.T.: -0.006 min
Response: 160569
Conc: 71.82 ng/ml



#28 AR-1254-3

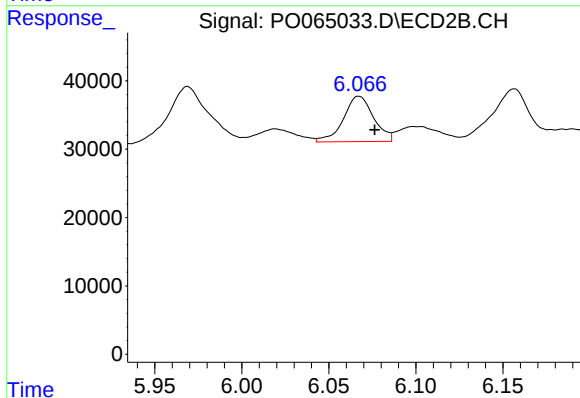
R.T.: 5.840 min
Delta R.T.: -0.008 min
Response: 235232
Conc: 69.62 ng/ml



#29 AR-1254-4

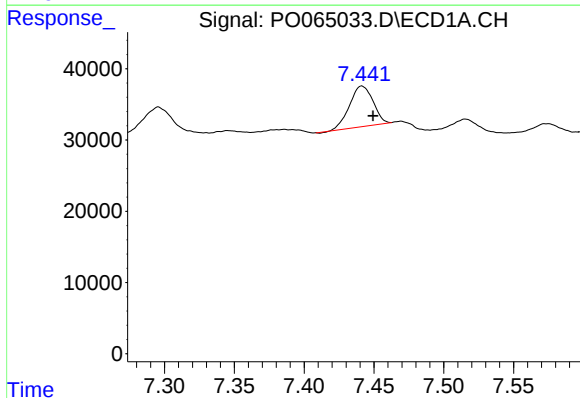
R.T.: 7.027 min
Delta R.T.: -0.008 min
Response: 76523
Conc: 45.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



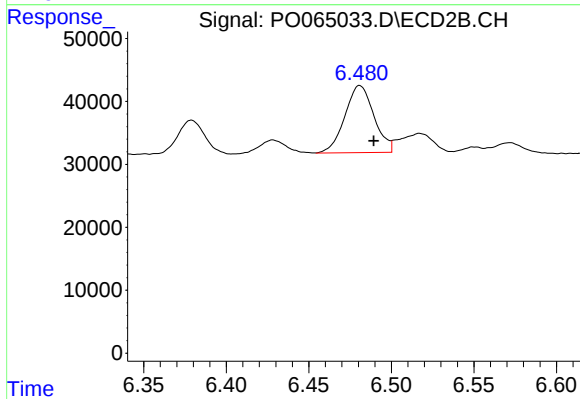
#29 AR-1254-4

R.T.: 6.067 min
Delta R.T.: -0.009 min
Response: 80078
Conc: 37.08 ng/ml



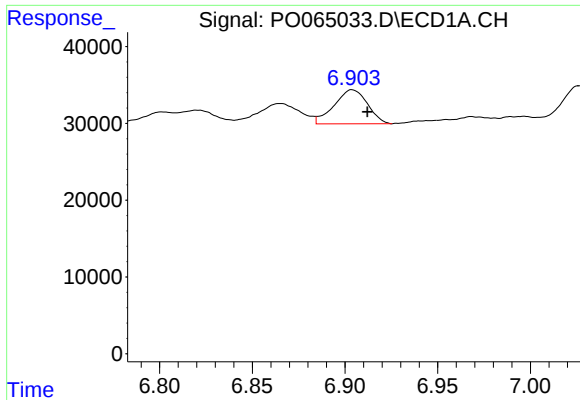
#30 AR-1254-5

R.T.: 7.441 min
Delta R.T.: -0.008 min
Response: 66751
Conc: 34.16 ng/ml



#30 AR-1254-5

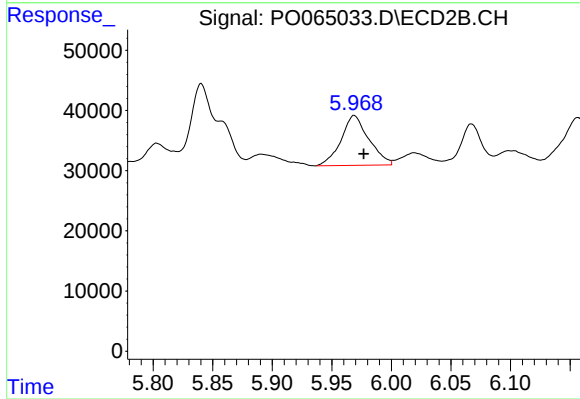
R.T.: 6.481 min
Delta R.T.: -0.008 min
Response: 130838
Conc: 43.47 ng/ml



#31 AR-1260-1

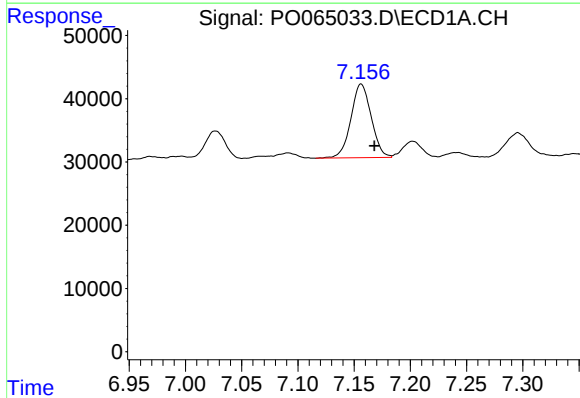
R.T.: 6.904 min
Delta R.T.: -0.008 min
Response: 55679
Conc: 34.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



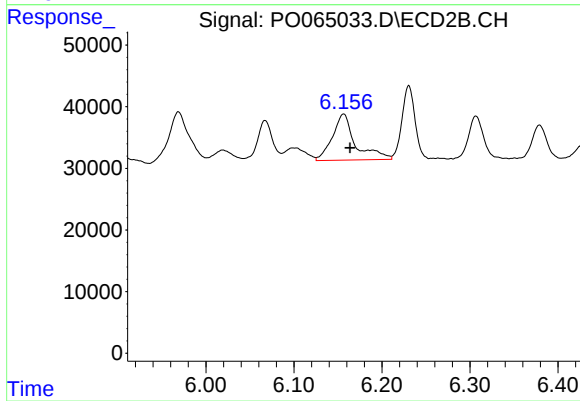
#31 AR-1260-1

R.T.: 5.969 min
Delta R.T.: -0.008 min
Response: 134859
Conc: 61.31 ng/ml



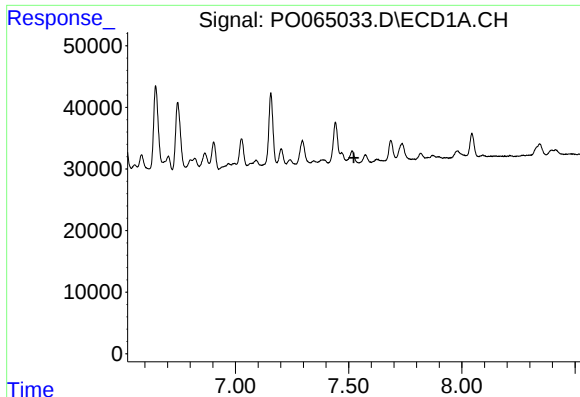
#32 AR-1260-2

R.T.: 7.156 min
Delta R.T.: -0.012 min
Response: 146671
Conc: 75.84 ng/ml



#32 AR-1260-2

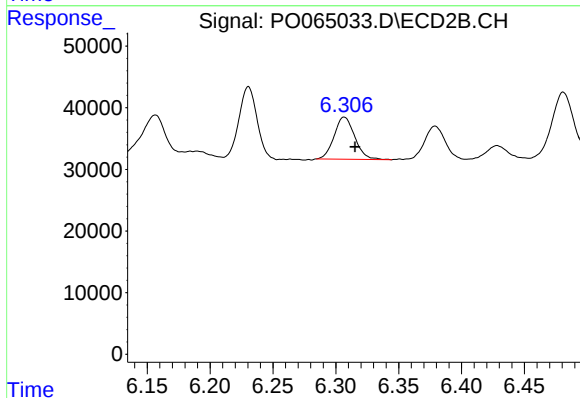
R.T.: 6.157 min
Delta R.T.: -0.007 min
Response: 136141
Conc: 49.27 ng/ml



#33 AR-1260-3

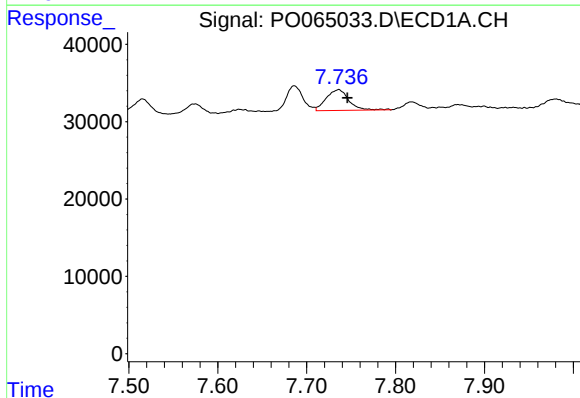
R.T.: 0.000 min
Exp R.T.: 7.523 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



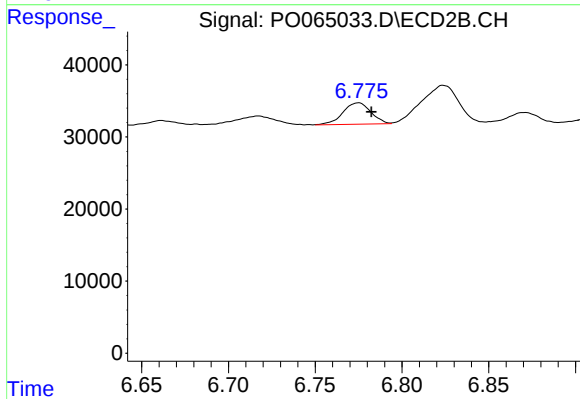
#33 AR-1260-3

R.T.: 6.307 min
Delta R.T.: -0.009 min
Response: 78384
Conc: 32.04 ng/ml



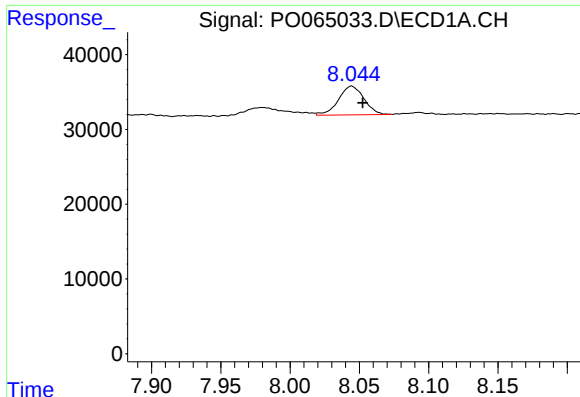
#34 AR-1260-4

R.T.: 7.736 min
Delta R.T.: -0.010 min
Response: 47565
Conc: 27.98 ng/ml



#34 AR-1260-4

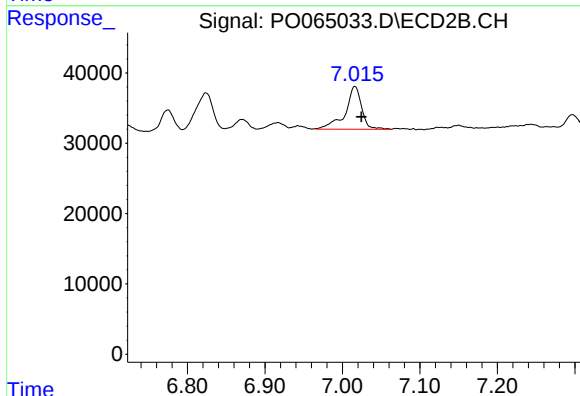
R.T.: 6.775 min
Delta R.T.: -0.008 min
Response: 33341
Conc: 16.54 ng/ml



#35 AR-1260-5

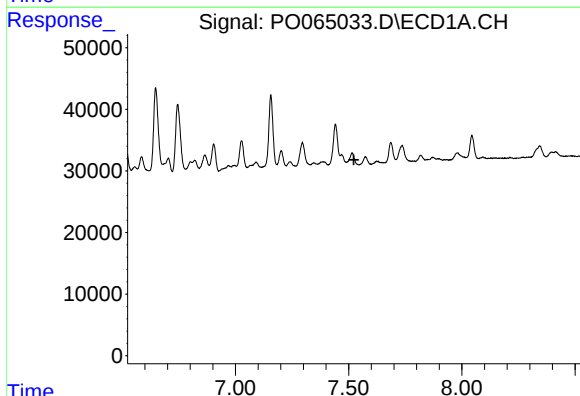
R.T.: 8.044 min
Delta R.T.: -0.008 min
Response: 49274
Conc: 15.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



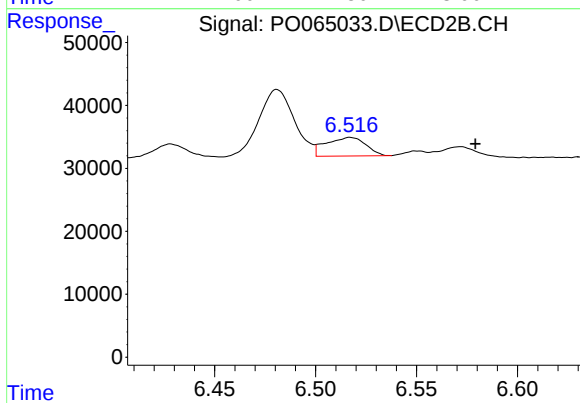
#35 AR-1260-5

R.T.: 7.016 min
Delta R.T.: -0.008 min
Response: 89302
Conc: 19.00 ng/ml



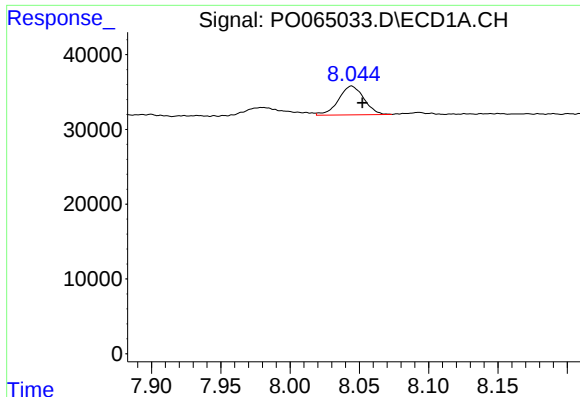
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.523 min
Response: 0
Conc: N.D.



#36 AR-1262-1

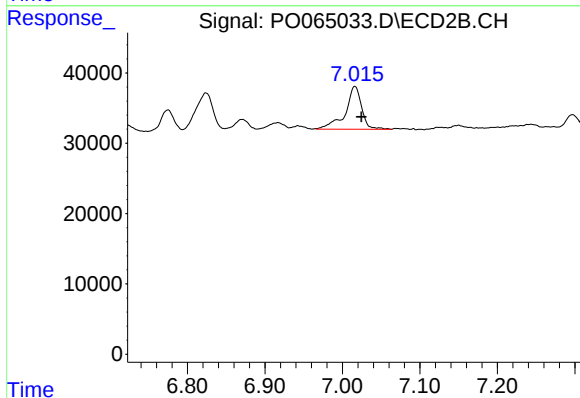
R.T.: 6.517 min
Delta R.T.: -0.062 min
Response: 40539
Conc: 30.88 ng/ml



#37 AR-1262-2

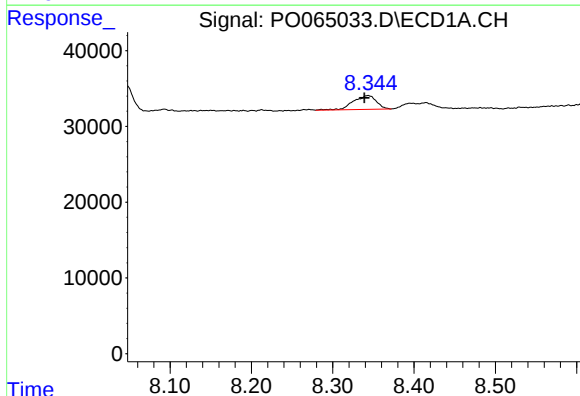
R.T.: 8.044 min
Delta R.T.: -0.008 min
Response: 49274
Conc: 12.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



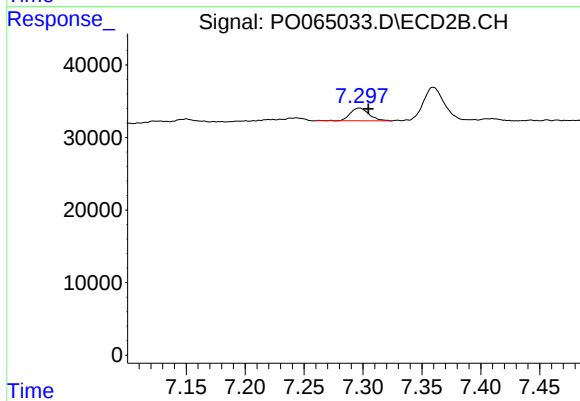
#37 AR-1262-2

R.T.: 7.016 min
Delta R.T.: -0.008 min
Response: 89302
Conc: 15.91 ng/ml



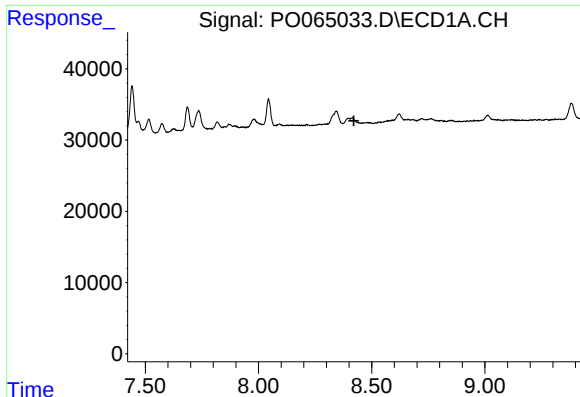
#38 AR-1262-3

R.T.: 8.343 min
Delta R.T.: 0.004 min
Response: 36207
Conc: 13.87 ng/ml



#38 AR-1262-3

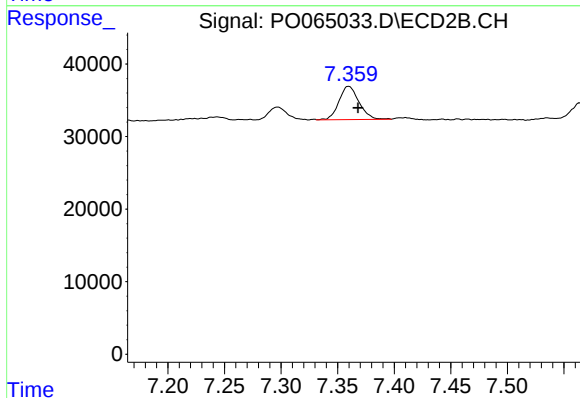
R.T.: 7.297 min
Delta R.T.: -0.008 min
Response: 19421
Conc: 9.27 ng/ml



#39 AR-1262-4

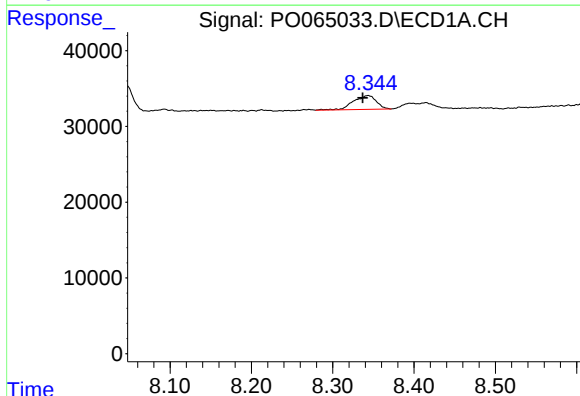
R.T.: 0.000 min
Exp R.T.: 8.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



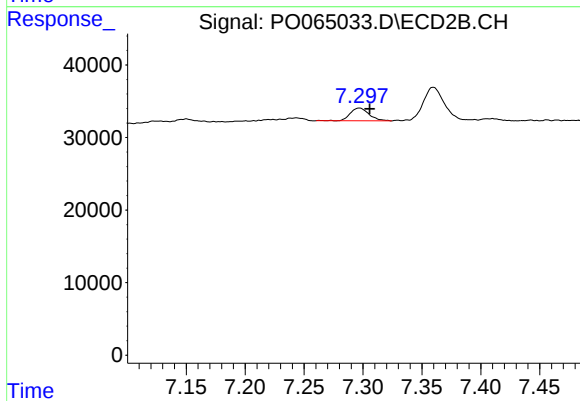
#39 AR-1262-4

R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 56509
Conc: 14.24 ng/ml



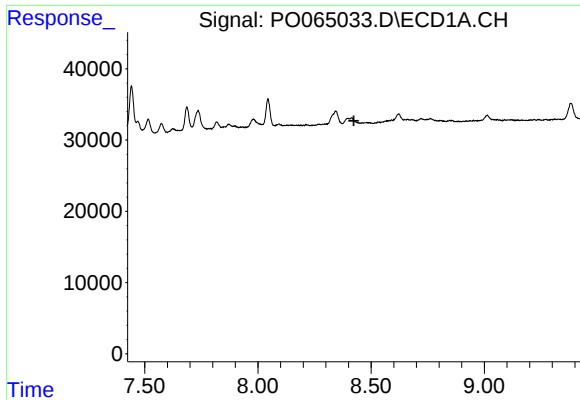
#41 AR-1268-1

R.T.: 8.343 min
Delta R.T.: 0.007 min
Response: 36207
Conc: 8.53 ng/ml



#41 AR-1268-1

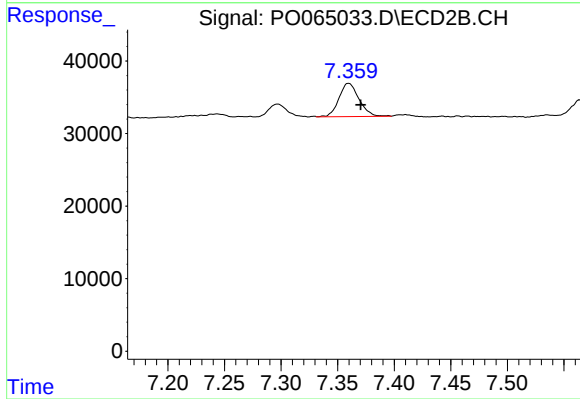
R.T.: 7.297 min
Delta R.T.: -0.009 min
Response: 19421
Conc: 3.27 ng/ml



#42 AR-1268-2

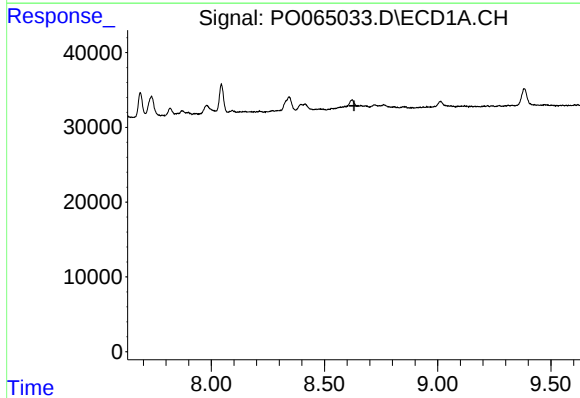
R.T.: 0.000 min
Exp R.T.: 8.424 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



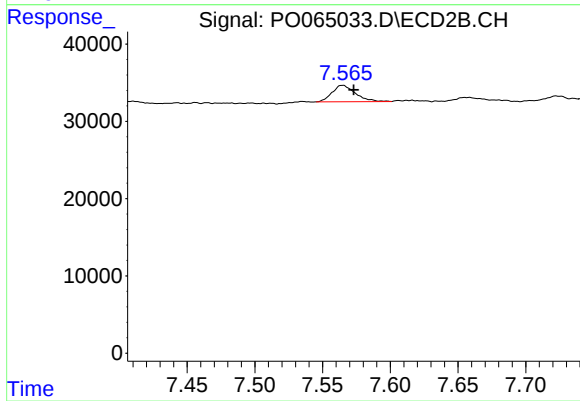
#42 AR-1268-2

R.T.: 7.360 min
Delta R.T.: -0.011 min
Response: 56509
Conc: 10.55 ng/ml



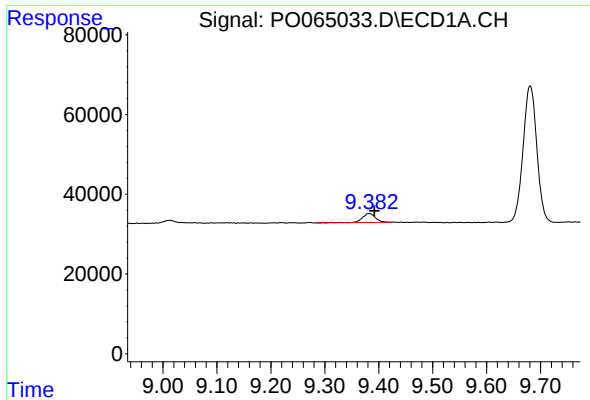
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.630 min
Response: 0
Conc: N.D.



#43 AR-1268-3

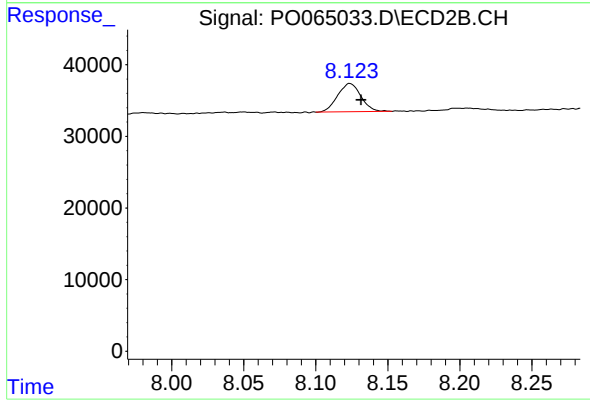
R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 25445
Conc: 5.79 ng/ml



#45 AR-1268-5

R.T.: 9.382 min
Delta R.T.: -0.010 min
Response: 38827
Conc: 4.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.124 min
Delta R.T.: -0.008 min
Response: 44266
Conc: 3.60 ng/ml