

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010720\
 Data File : P0065356.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Jan 2020 14:12
 Operator : AJ/MA
 Sample : L1017-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 14:28:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 04 04:01:28 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.167	3.441	537606	623566	29.441	28.347
2)	SA Decachlor...	9.678	8.350	515023	534159	15.200	12.881
Target Compounds							
3)	L1 AR-1016-1	5.318	4.502	254836	293013	292.192	284.381
4)	L1 AR-1016-2	5.340	4.519	375029	427506	292.378	295.010
5)	L1 AR-1016-3	5.401	4.692	226141	222639	287.026	286.369
6)	L1 AR-1016-4	5.498	4.735	180688	179692	280.039	268.772
7)	L1 AR-1016-5	5.788	4.944	72995	204820	110.108	240.720 #
8)	L2 AR-1221-1	4.371	3.649	15959	26161	76.982	100.901 #
9)	L2 AR-1221-2	4.460	3.734	28879	34482	184.962	174.877
10)	L2 AR-1221-3	4.534	3.807	115252	132772	220.699	206.073
11)	L3 AR-1232-1	4.534	3.807	115252	132772	284.949	266.501
12)	L3 AR-1232-2	5.053	4.519	175536	427506	834.727	792.790
13)	L3 AR-1232-3	5.340	4.692	375029	222639	803.132	782.662
14)	L3 AR-1232-4	5.498	4.775	180688	218839	774.468	818.601
15)	L3 AR-1232-5	5.588	4.944	156325	204820	884.180	714.444
16)	L4 AR-1242-1	5.318	4.502	254836	293013	437.726	429.885
17)	L4 AR-1242-2	5.340	4.519	375029	427506	438.586	446.096
18)	L4 AR-1242-3	5.401	4.692	226141	222639	431.250	434.364
19)	L4 AR-1242-4	5.498	4.775	180688	218839	426.497	418.699
20)	L4 AR-1242-5	6.250	5.290	84619	428980	155.396	590.234 #
21)	L5 AR-1248-1	5.318	4.502	254836	293013	547.669	528.558
22)	L5 AR-1248-2	5.588	4.735	156325	179692	236.908	234.205
23)	L5 AR-1248-3	5.788	4.775	72995	218839	96.877	278.142 #
24)	L5 AR-1248-4	6.191	4.944	489306	204820	516.545	213.687 #
25)	L5 AR-1248-5	6.250	5.333	84619	81034	92.507	80.050
26)	L6 AR-1254-1	6.164	5.290	312075	428980	367.871	296.112
27)	L6 AR-1254-2	6.381	5.436	331390	221649	241.149	167.569 #
28)	L6 AR-1254-3	6.743	5.850	206596	324254	133.297	143.888
29)	L6 AR-1254-4	7.022	6.092	94718	220018	74.305	145.941 #
30)	L6 AR-1254-5	7.439	6.475	554629	641974	394.945	288.406 #
31)	L7 AR-1260-1	6.902	5.963	401101	467102	290.815	248.108
32)	L7 AR-1260-2	7.155	6.151	766743	595381	437.009	245.064 #
33)	L7 AR-1260-3	7.514	6.302	288656	491614	204.228	227.125
34)	L7 AR-1260-4	7.737	6.769	342845	377620	196.352	188.224
35)	L7 AR-1260-5	8.043	7.012	626395	800217	186.784	161.644
36)	L8 AR-1262-1	7.514	6.566	288656	218854	174.493	232.144 #
37)	L8 AR-1262-2	8.043	7.012	626395	800217	195.603	178.091
38)	L8 AR-1262-3	8.342	7.292	457417	176492	200.936	104.865 #
39)	L8 AR-1262-4	8.394	7.355	357272	769192	202.111	223.667
40)	L8 AR-1262-5	9.009	7.848	145548	191706	109.412	112.424
41)	L9 AR-1268-1	8.342	7.292	457417	176492	112.437	33.232 #

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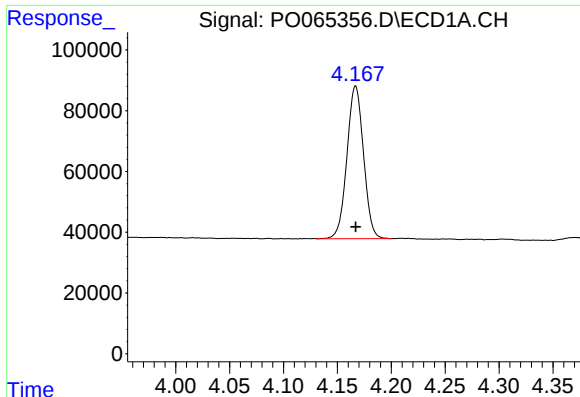
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
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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
42) L9	AR-1268-2	8.394	7.355	357272	769192	92.832	151.430 #
43) L9	AR-1268-3	8.616	7.557	40615	182705	12.619	43.012 #
44) L9	AR-1268-4	9.009	7.848	145548	191706	94.753	96.859
45) L9	AR-1268-5	9.379	8.122	62585	96554	5.649	6.715

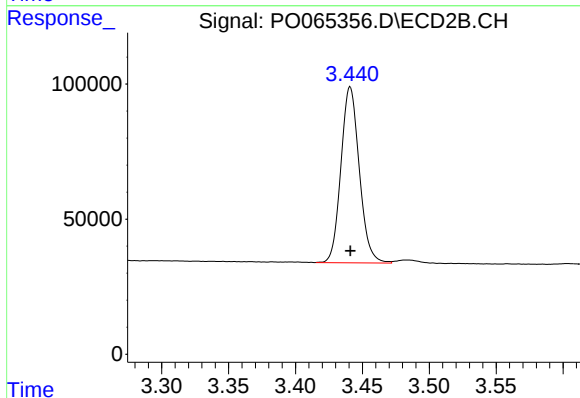
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

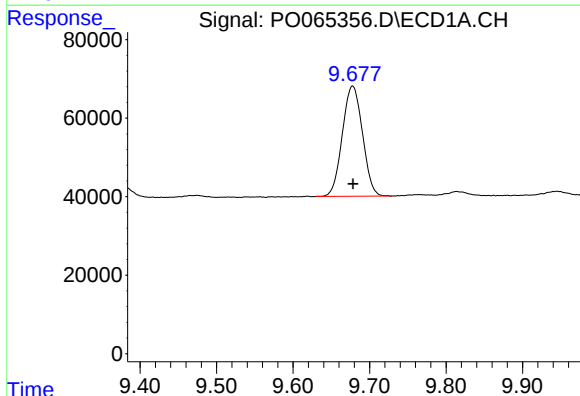
R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 537606
Conc: 29.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



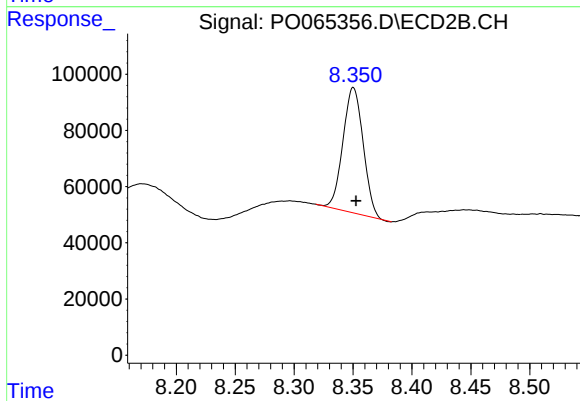
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 623566
Conc: 28.35 ng/ml



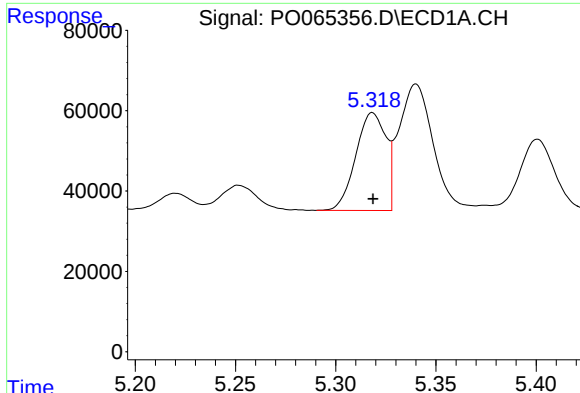
#2 Decachlorobiphenyl

R.T.: 9.678 min
Delta R.T.: 0.000 min
Response: 515023
Conc: 15.20 ng/ml



#2 Decachlorobiphenyl

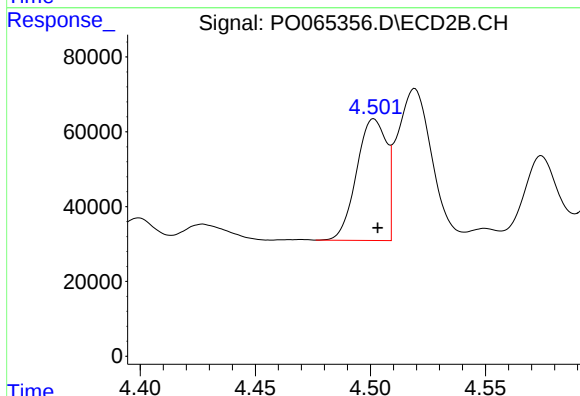
R.T.: 8.350 min
Delta R.T.: -0.002 min
Response: 534159
Conc: 12.88 ng/ml



#3 AR-1016-1

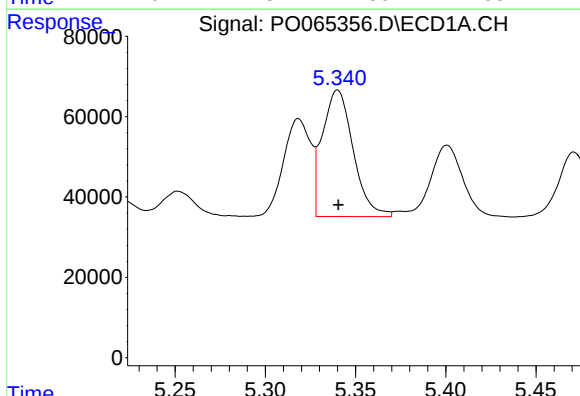
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 254836
Conc: 292.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



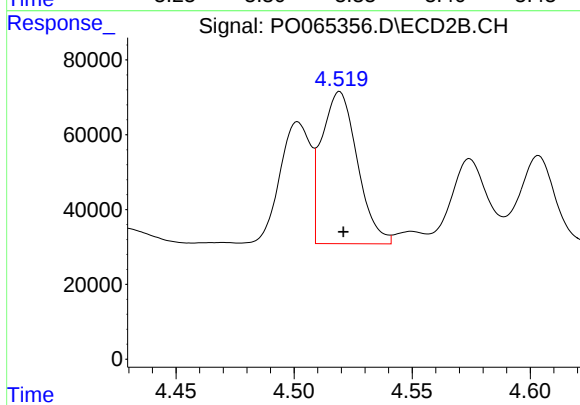
#3 AR-1016-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 293013
Conc: 284.38 ng/ml



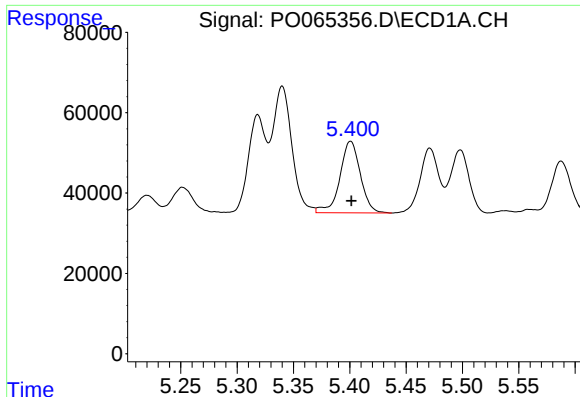
#4 AR-1016-2

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 375029
Conc: 292.38 ng/ml



#4 AR-1016-2

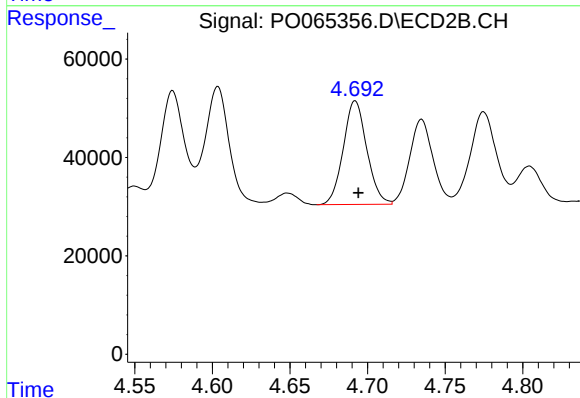
R.T.: 4.519 min
Delta R.T.: -0.001 min
Response: 427506
Conc: 295.01 ng/ml



#5 AR-1016-3

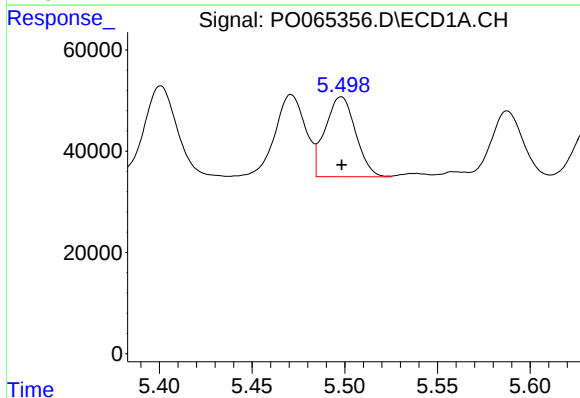
R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 226141
Conc: 287.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



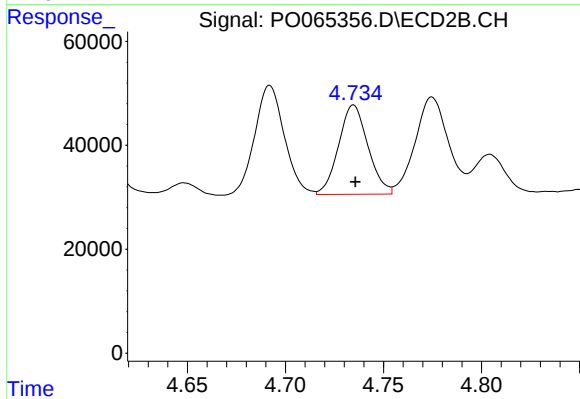
#5 AR-1016-3

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 222639
Conc: 286.37 ng/ml



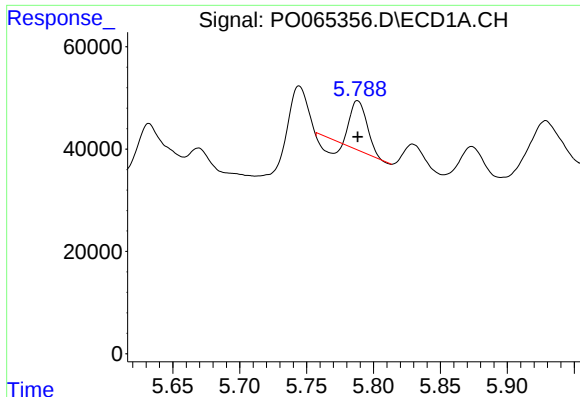
#6 AR-1016-4

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 180688
Conc: 280.04 ng/ml



#6 AR-1016-4

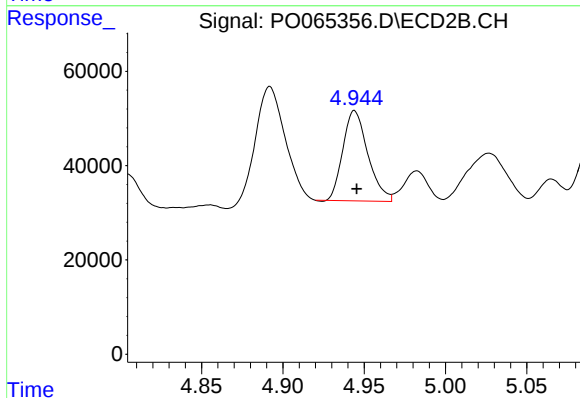
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 179692
Conc: 268.77 ng/ml



#7 AR-1016-5

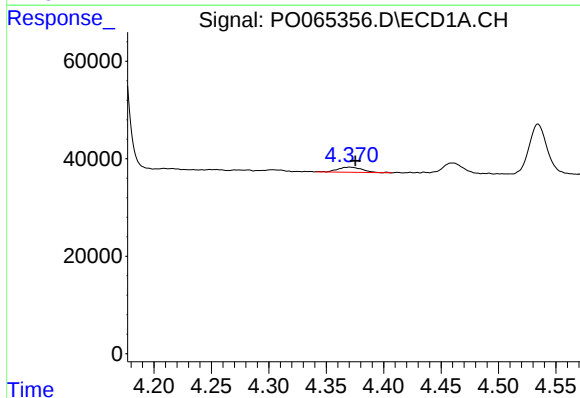
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 72995
Conc: 110.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



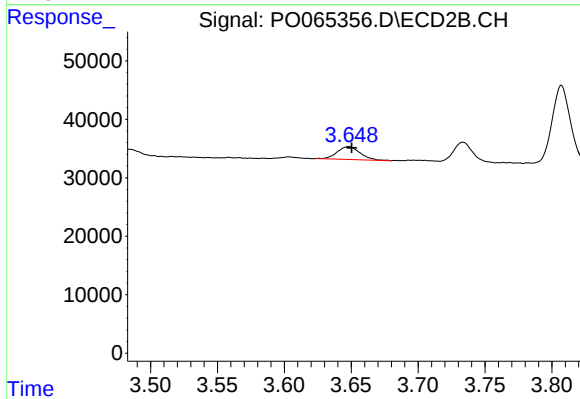
#7 AR-1016-5

R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 204820
Conc: 240.72 ng/ml



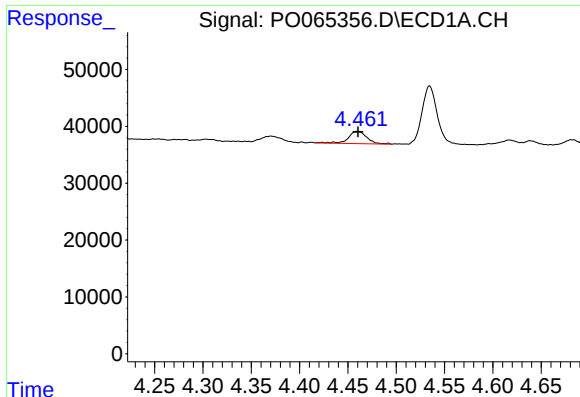
#8 AR-1221-1

R.T.: 4.371 min
Delta R.T.: -0.005 min
Response: 15959
Conc: 76.98 ng/ml



#8 AR-1221-1

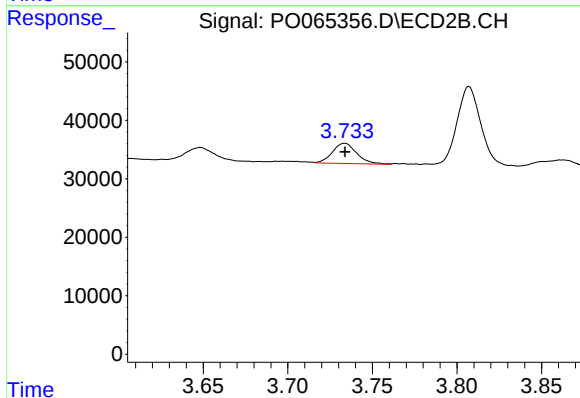
R.T.: 3.649 min
Delta R.T.: -0.002 min
Response: 26161
Conc: 100.90 ng/ml



#9 AR-1221-2

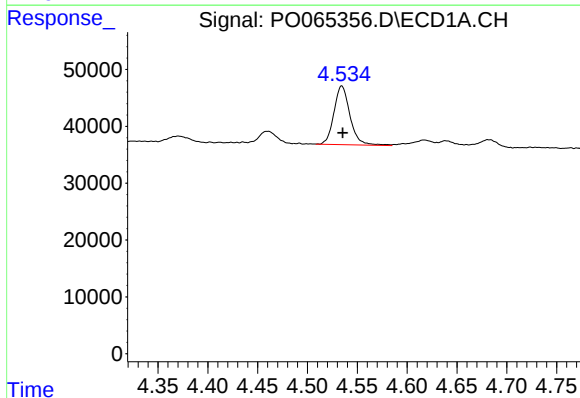
R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 28879
Conc: 184.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



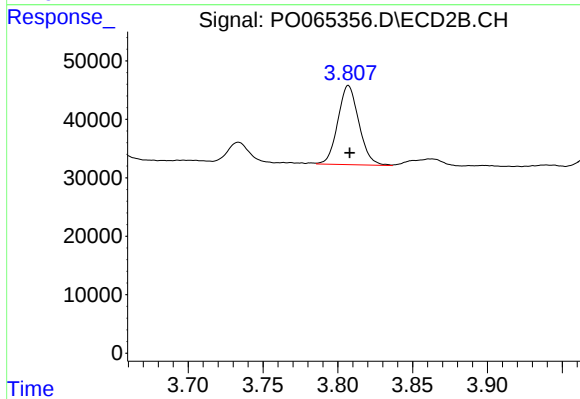
#9 AR-1221-2

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 34482
Conc: 174.88 ng/ml



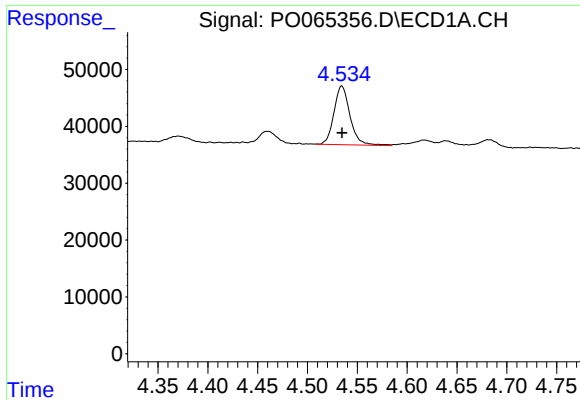
#10 AR-1221-3

R.T.: 4.534 min
Delta R.T.: -0.001 min
Response: 115252
Conc: 220.70 ng/ml



#10 AR-1221-3

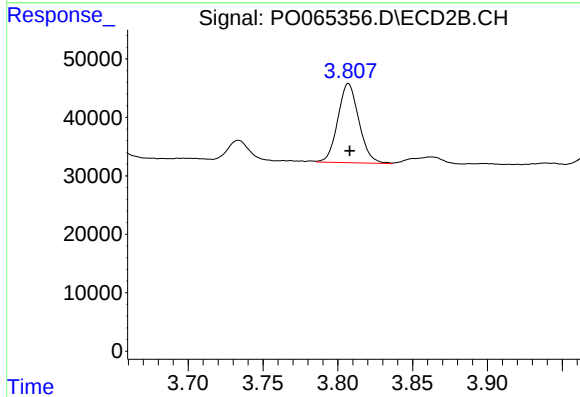
R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 132772
Conc: 206.07 ng/ml



#11 AR-1232-1

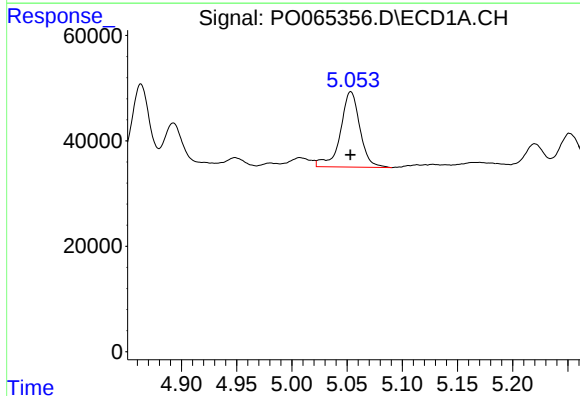
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 115252
Conc: 284.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



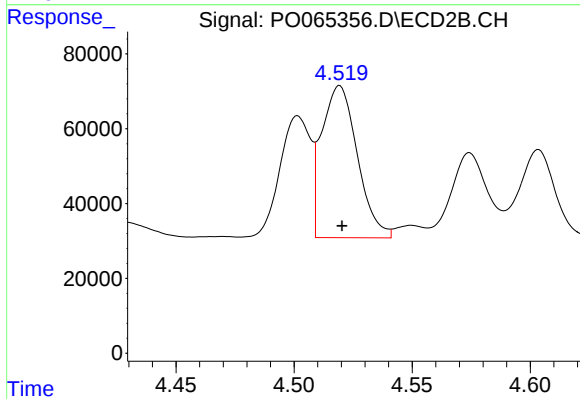
#11 AR-1232-1

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 132772
Conc: 266.50 ng/ml



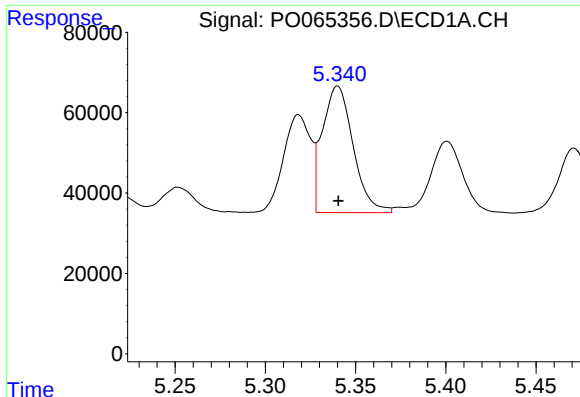
#12 AR-1232-2

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 175536
Conc: 834.73 ng/ml



#12 AR-1232-2

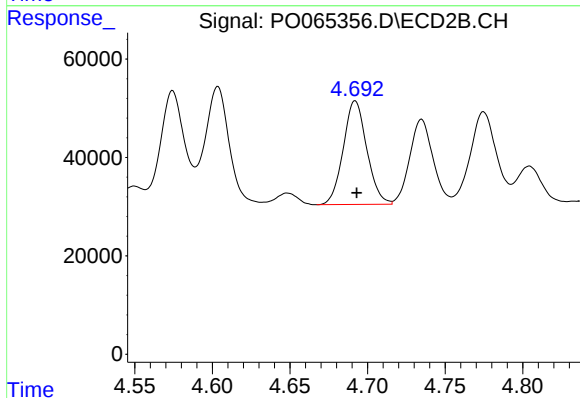
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 427506
Conc: 792.79 ng/ml



#13 AR-1232-3

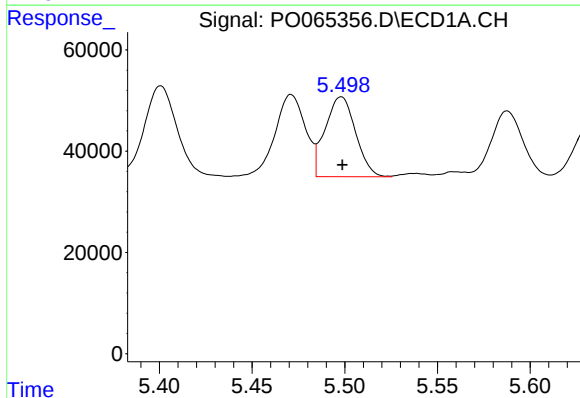
R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 375029
Conc: 803.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



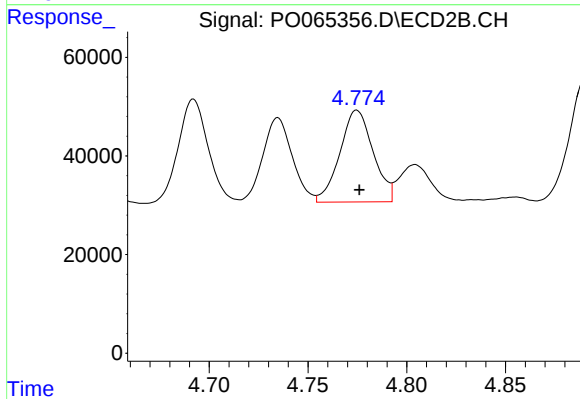
#13 AR-1232-3

R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 222639
Conc: 782.66 ng/ml



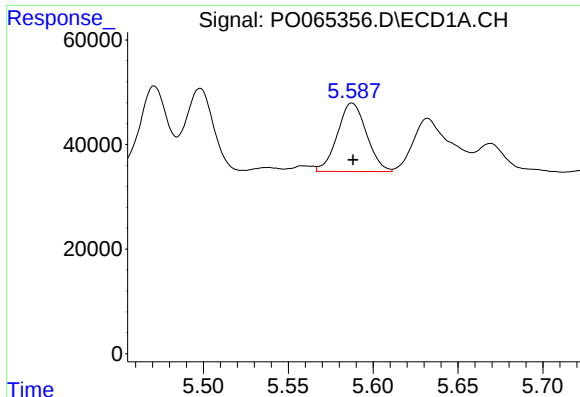
#14 AR-1232-4

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 180688
Conc: 774.47 ng/ml



#14 AR-1232-4

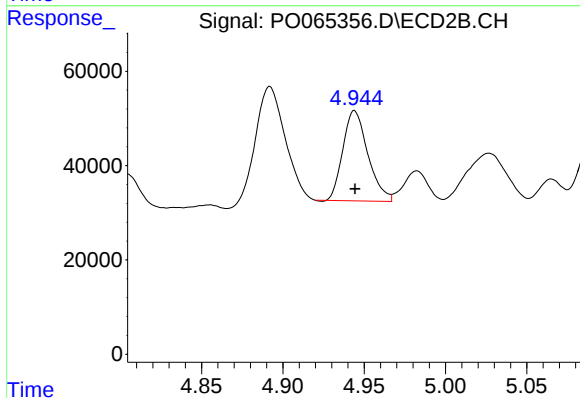
R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 218839
Conc: 818.60 ng/ml



#15 AR-1232-5

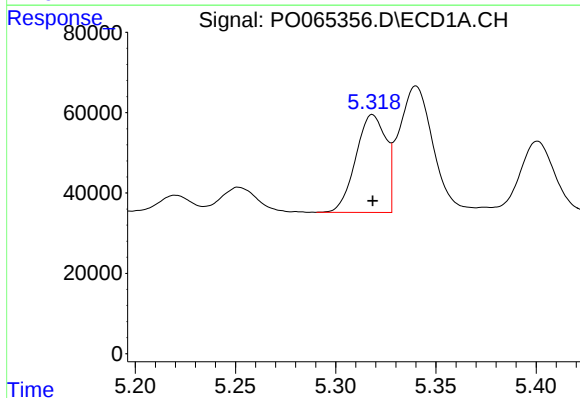
R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 156325
Conc: 884.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



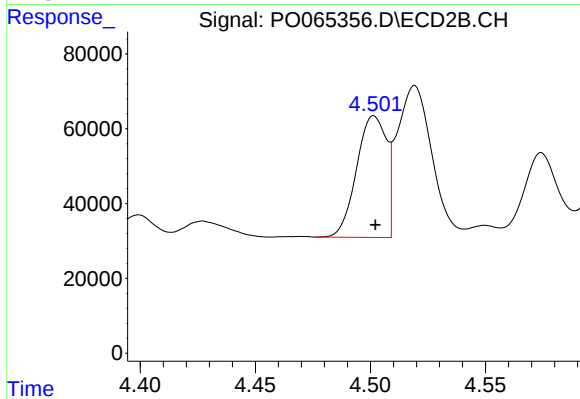
#15 AR-1232-5

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 204820
Conc: 714.44 ng/ml



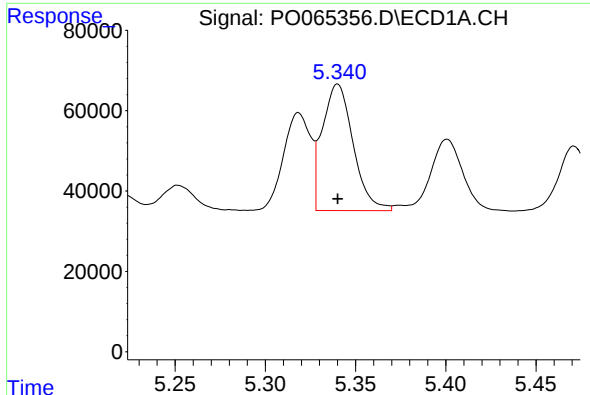
#16 AR-1242-1

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 254836
Conc: 437.73 ng/ml



#16 AR-1242-1

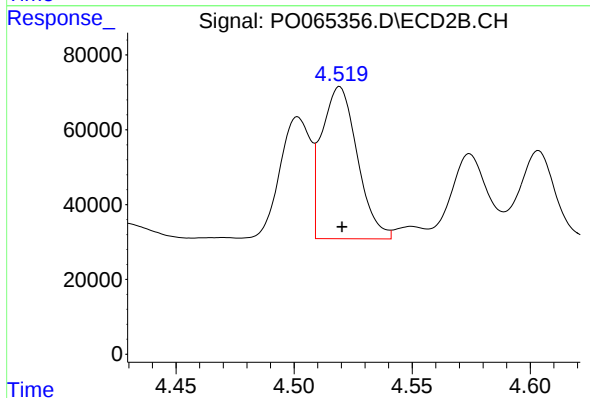
R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 293013
Conc: 429.88 ng/ml



#17 AR-1242-2

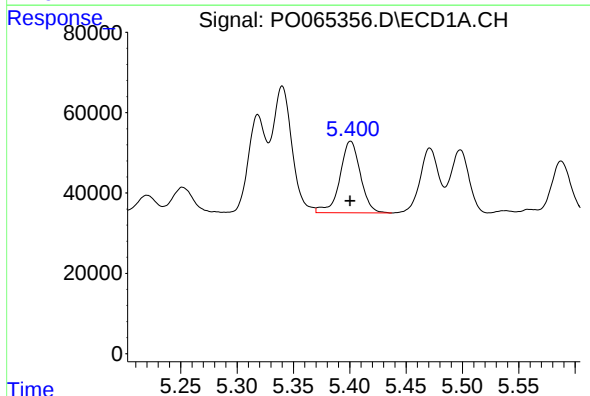
R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 375029
Conc: 438.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



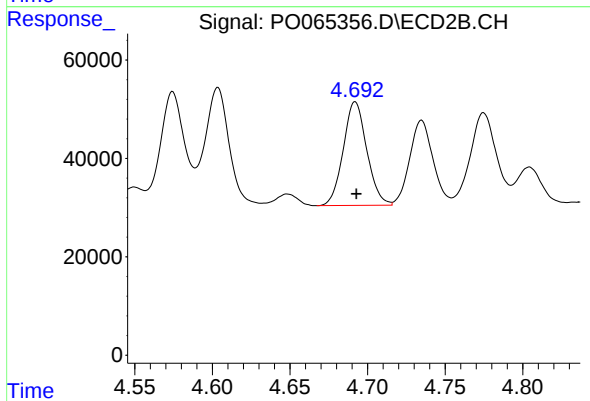
#17 AR-1242-2

R.T.: 4.519 min
Delta R.T.: -0.001 min
Response: 427506
Conc: 446.10 ng/ml



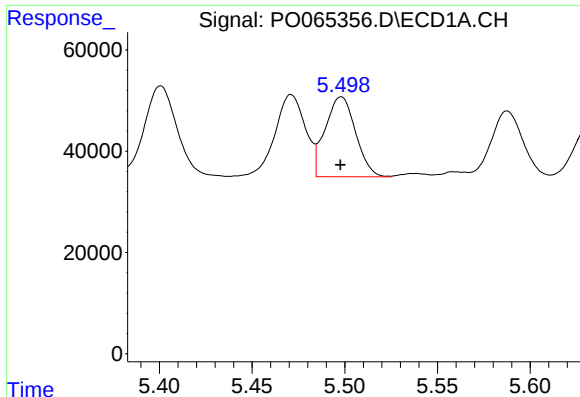
#18 AR-1242-3

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 226141
Conc: 431.25 ng/ml



#18 AR-1242-3

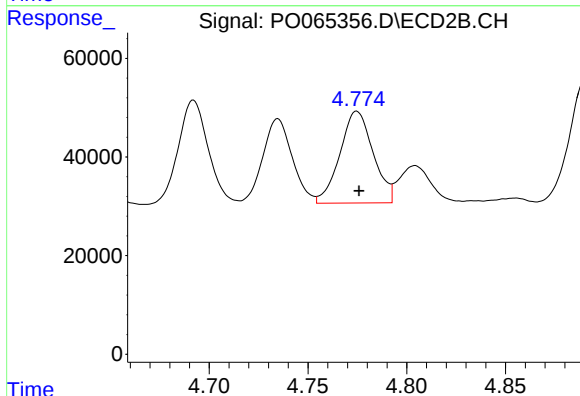
R.T.: 4.692 min
Delta R.T.: 0.000 min
Response: 222639
Conc: 434.36 ng/ml



#19 AR-1242-4

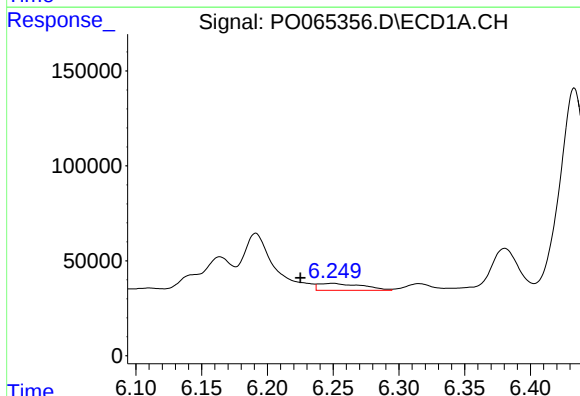
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 180688
Conc: 426.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



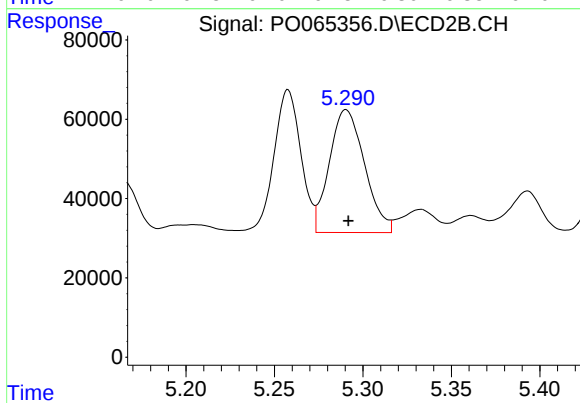
#19 AR-1242-4

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 218839
Conc: 418.70 ng/ml



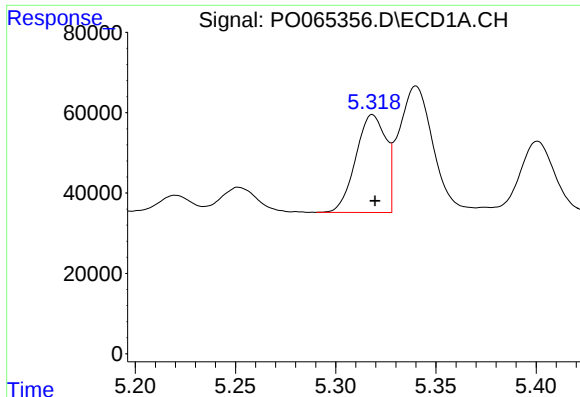
#20 AR-1242-5

R.T.: 6.250 min
Delta R.T.: 0.025 min
Response: 84619
Conc: 155.40 ng/ml



#20 AR-1242-5

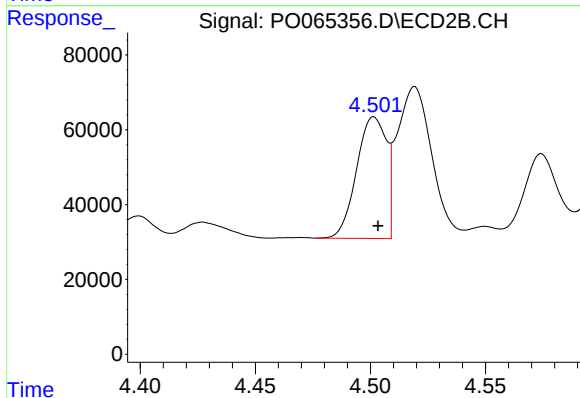
R.T.: 5.290 min
Delta R.T.: -0.001 min
Response: 428980
Conc: 590.23 ng/ml



#21 AR-1248-1

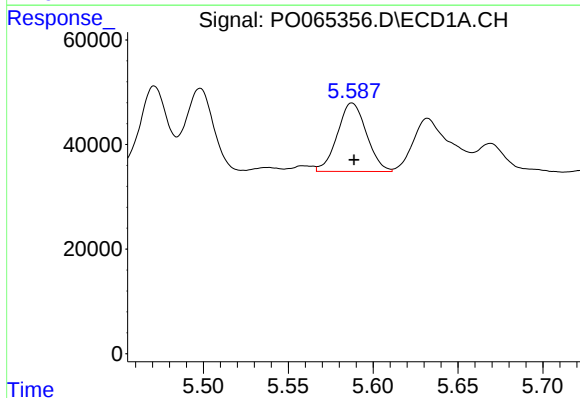
R.T.: 5.318 min
Delta R.T.: -0.001 min
Response: 254836
Conc: 547.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



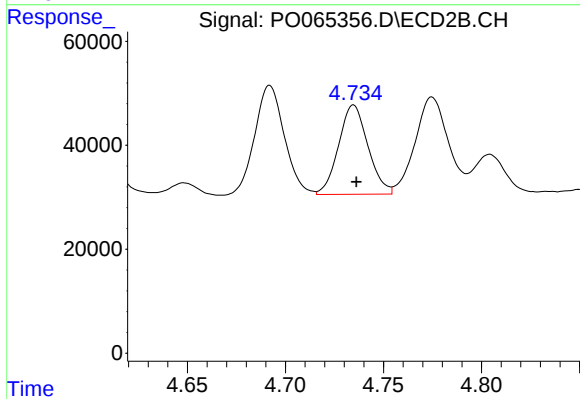
#21 AR-1248-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 293013
Conc: 528.56 ng/ml



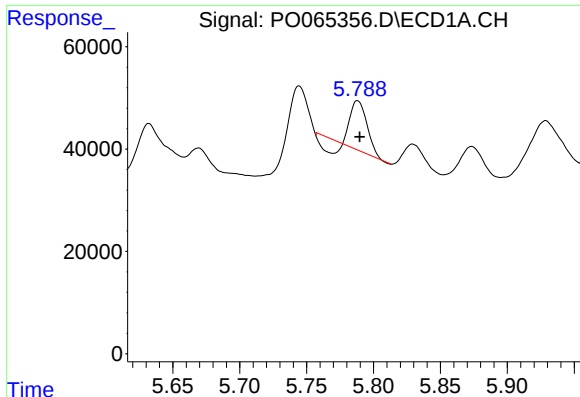
#22 AR-1248-2

R.T.: 5.588 min
Delta R.T.: -0.001 min
Response: 156325
Conc: 236.91 ng/ml



#22 AR-1248-2

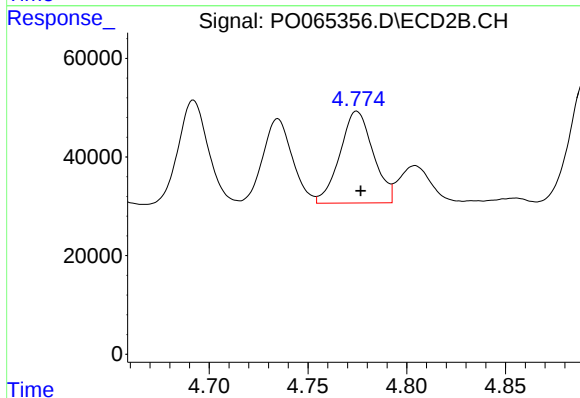
R.T.: 4.735 min
Delta R.T.: -0.001 min
Response: 179692
Conc: 234.21 ng/ml



#23 AR-1248-3

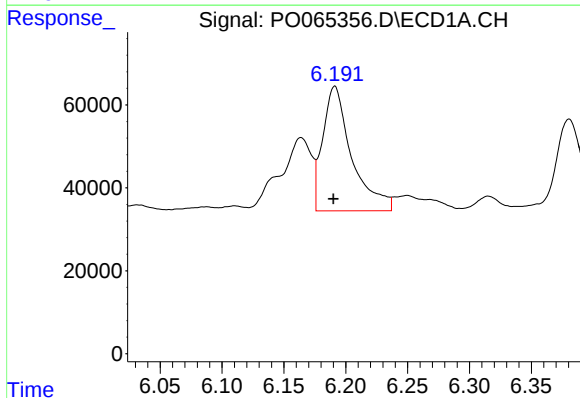
R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 72995
Conc: 96.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



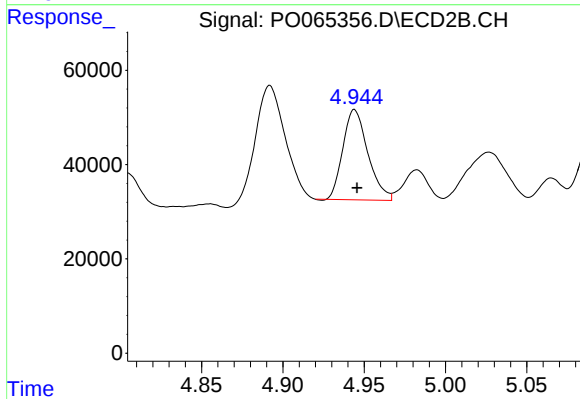
#23 AR-1248-3

R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 218839
Conc: 278.14 ng/ml



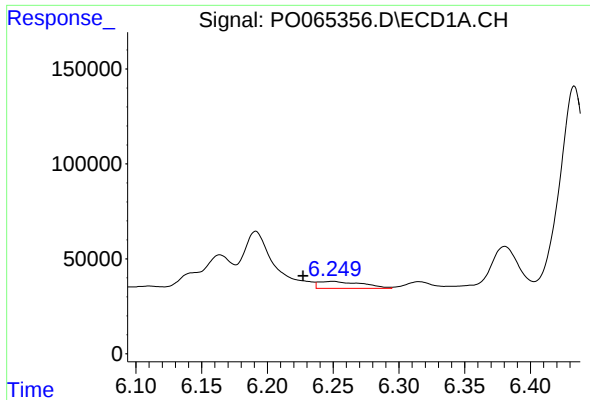
#24 AR-1248-4

R.T.: 6.191 min
Delta R.T.: 0.001 min
Response: 489306
Conc: 516.54 ng/ml



#24 AR-1248-4

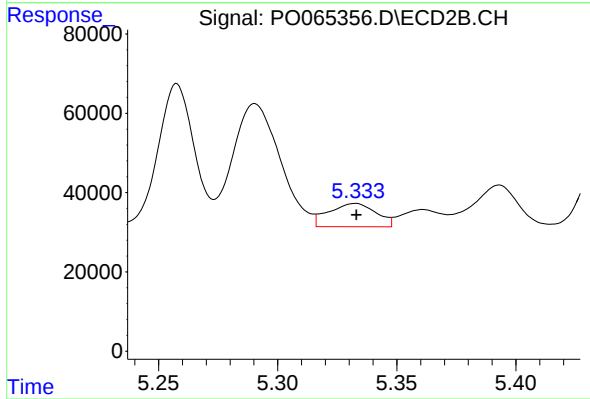
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 204820
Conc: 213.69 ng/ml



#25 AR-1248-5

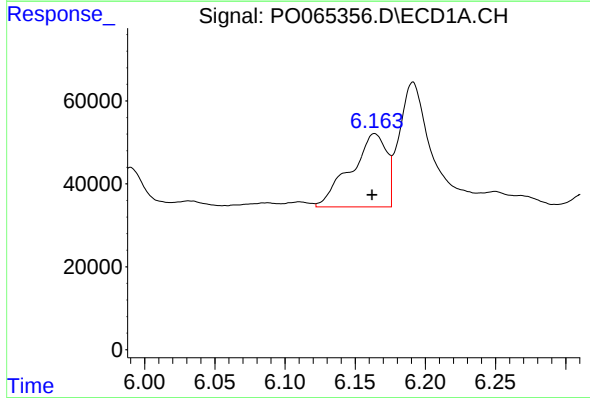
R.T.: 6.250 min
Delta R.T.: 0.023 min
Response: 84619
Conc: 92.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



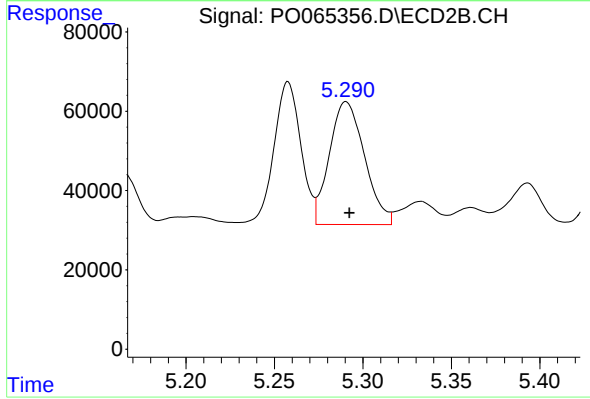
#25 AR-1248-5

R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 81034
Conc: 80.05 ng/ml



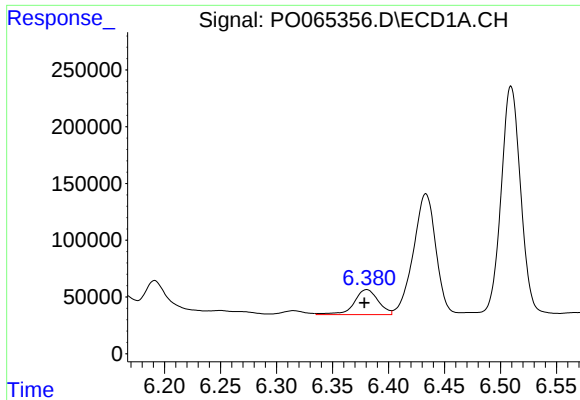
#26 AR-1254-1

R.T.: 6.164 min
Delta R.T.: 0.002 min
Response: 312075
Conc: 367.87 ng/ml



#26 AR-1254-1

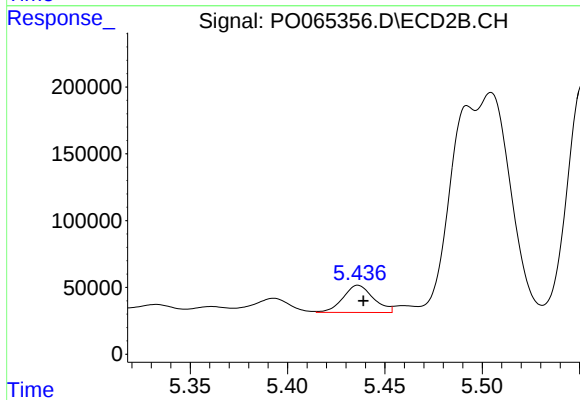
R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 428980
Conc: 296.11 ng/ml



#27 AR-1254-2

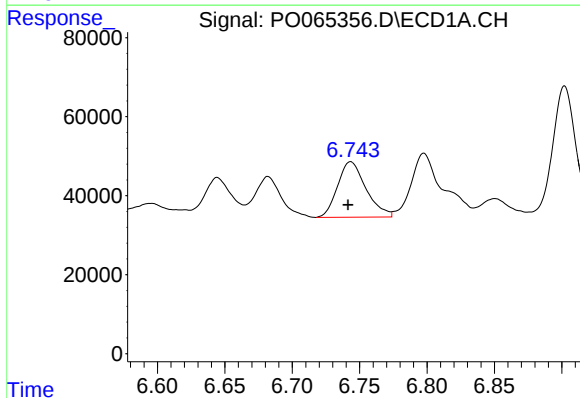
R.T.: 6.381 min
Delta R.T.: 0.002 min
Response: 331390
Conc: 241.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



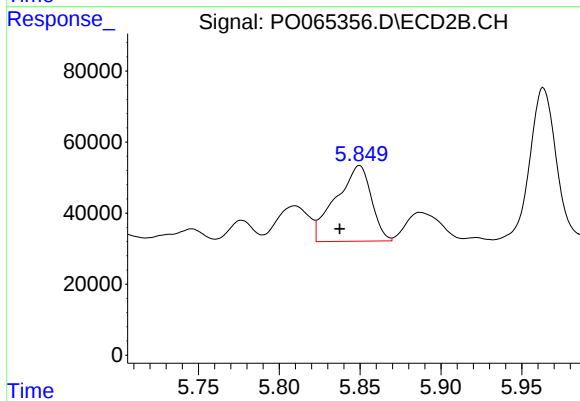
#27 AR-1254-2

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 221649
Conc: 167.57 ng/ml



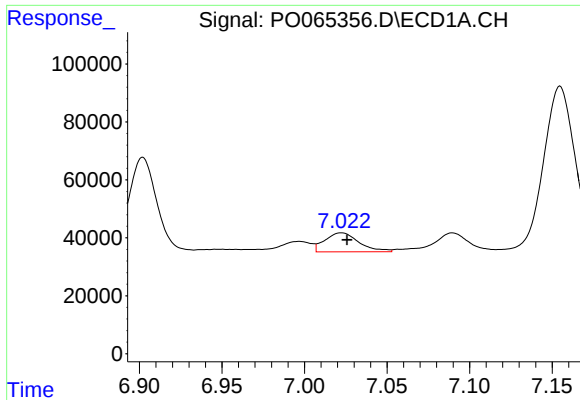
#28 AR-1254-3

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 206596
Conc: 133.30 ng/ml



#28 AR-1254-3

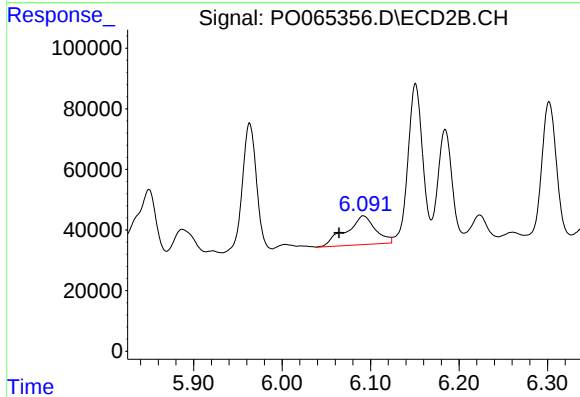
R.T.: 5.850 min
Delta R.T.: 0.012 min
Response: 324254
Conc: 143.89 ng/ml



#29 AR-1254-4

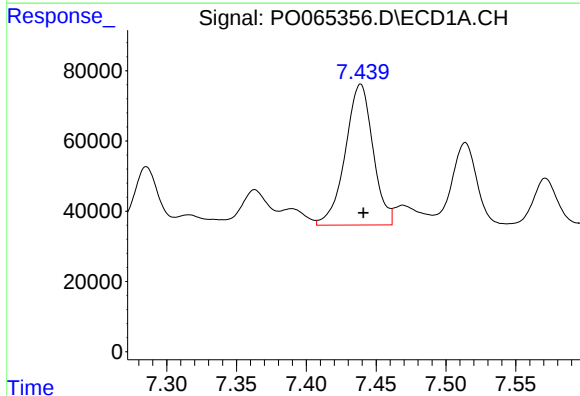
R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 94718
Conc: 74.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



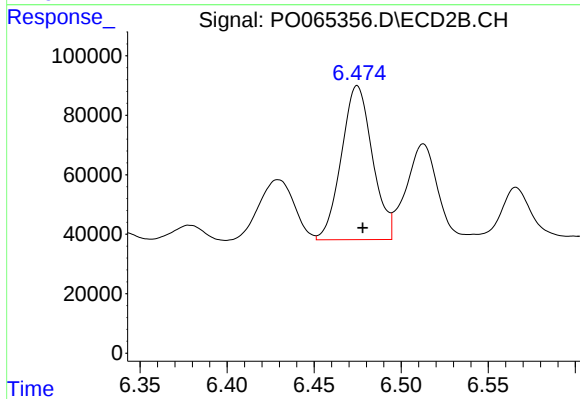
#29 AR-1254-4

R.T.: 6.092 min
Delta R.T.: 0.028 min
Response: 220018
Conc: 145.94 ng/ml



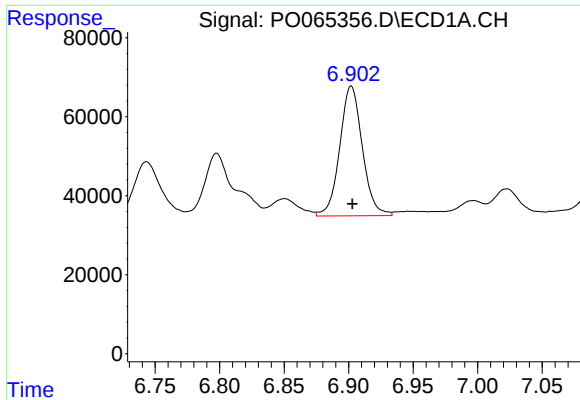
#30 AR-1254-5

R.T.: 7.439 min
Delta R.T.: -0.002 min
Response: 554629
Conc: 394.94 ng/ml



#30 AR-1254-5

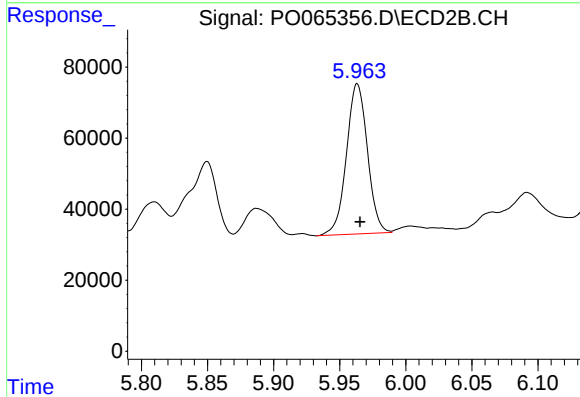
R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 641974
Conc: 288.41 ng/ml



#31 AR-1260-1

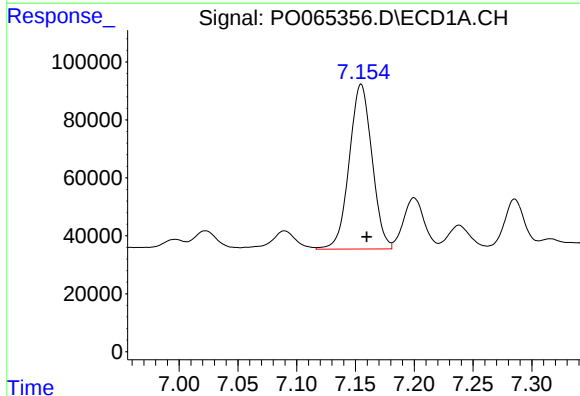
R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 401101
Conc: 290.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



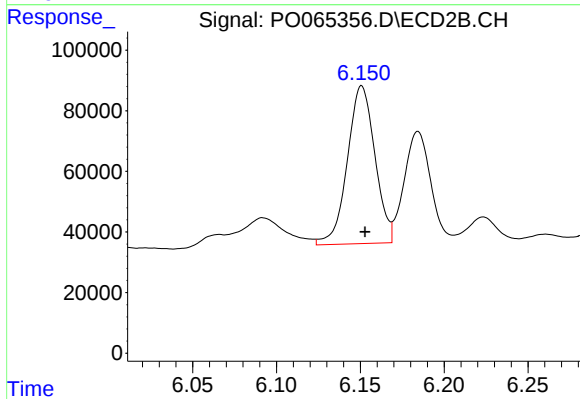
#31 AR-1260-1

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 467102
Conc: 248.11 ng/ml



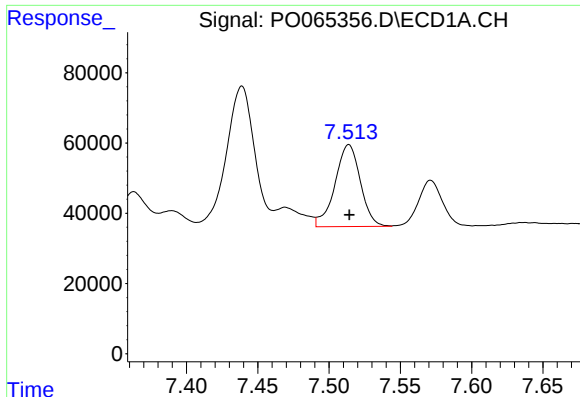
#32 AR-1260-2

R.T.: 7.155 min
Delta R.T.: -0.005 min
Response: 766743
Conc: 437.01 ng/ml



#32 AR-1260-2

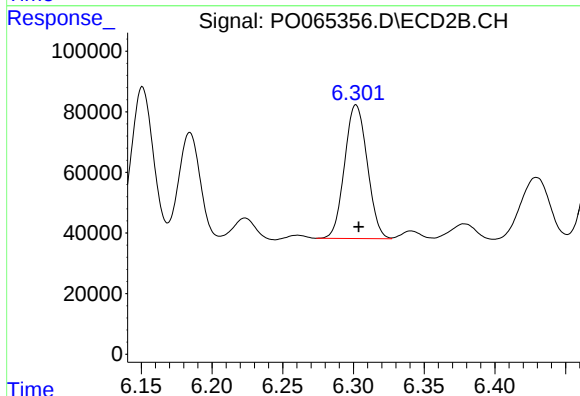
R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 595381
Conc: 245.06 ng/ml



#33 AR-1260-3

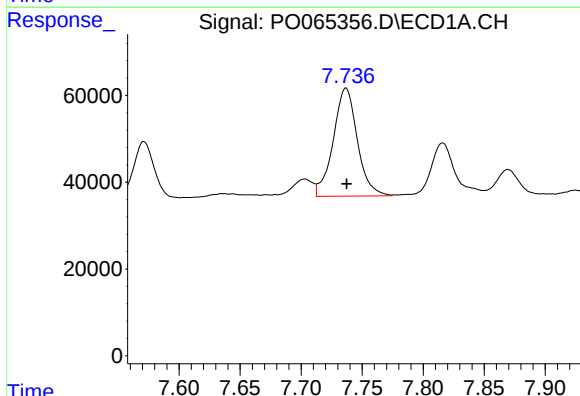
R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 288656
Conc: 204.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



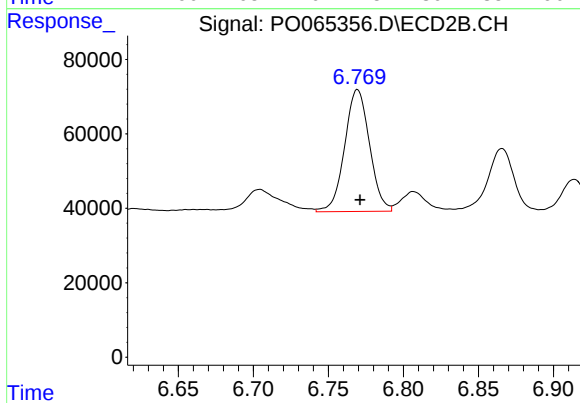
#33 AR-1260-3

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 491614
Conc: 227.12 ng/ml



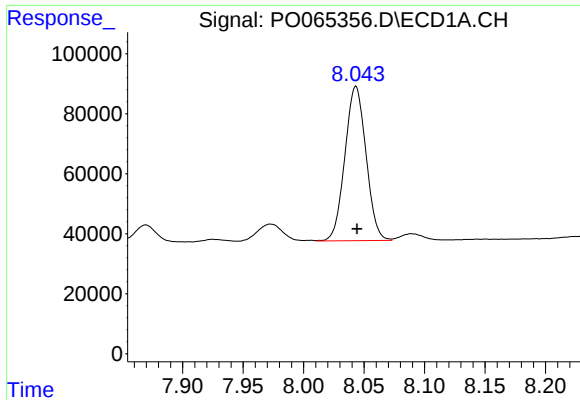
#34 AR-1260-4

R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 342845
Conc: 196.35 ng/ml



#34 AR-1260-4

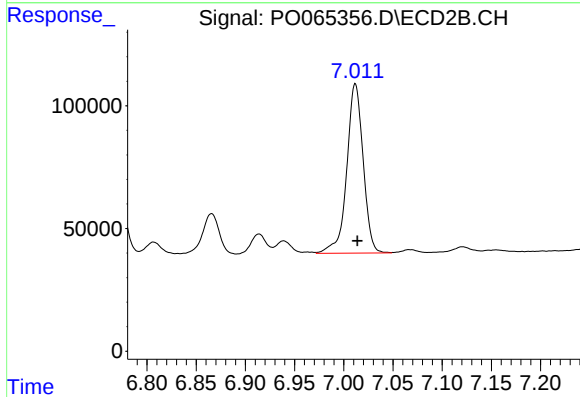
R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 377620
Conc: 188.22 ng/ml



#35 AR-1260-5

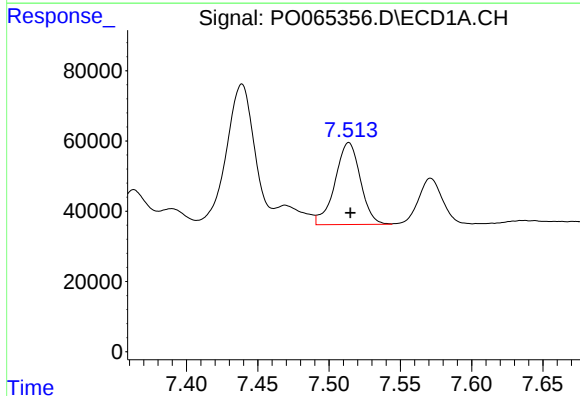
R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 626395
Conc: 186.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



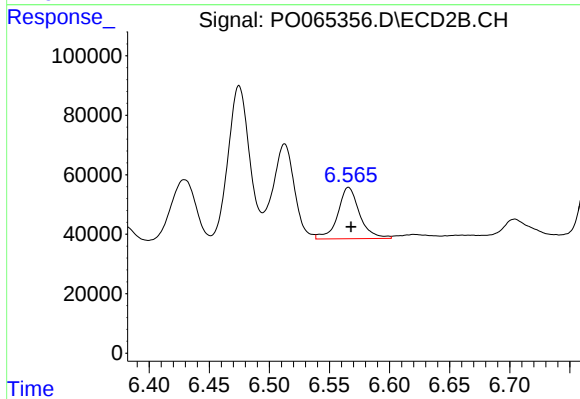
#35 AR-1260-5

R.T.: 7.012 min
Delta R.T.: -0.002 min
Response: 800217
Conc: 161.64 ng/ml



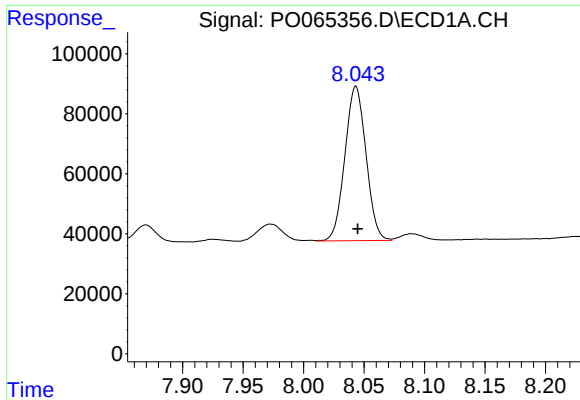
#36 AR-1262-1

R.T.: 7.514 min
Delta R.T.: -0.001 min
Response: 288656
Conc: 174.49 ng/ml



#36 AR-1262-1

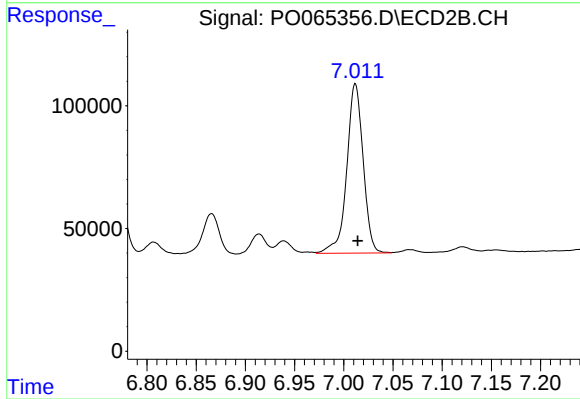
R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 218854
Conc: 232.14 ng/ml



#37 AR-1262-2

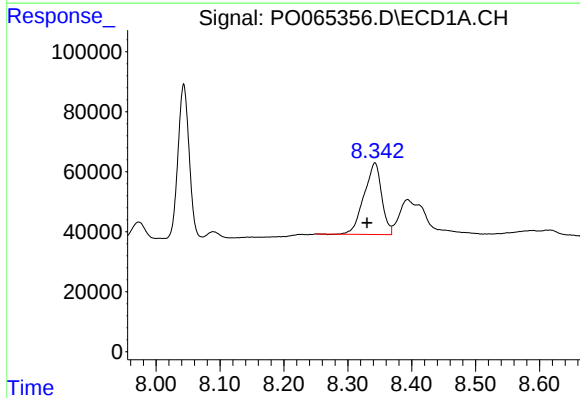
R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 626395
Conc: 195.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



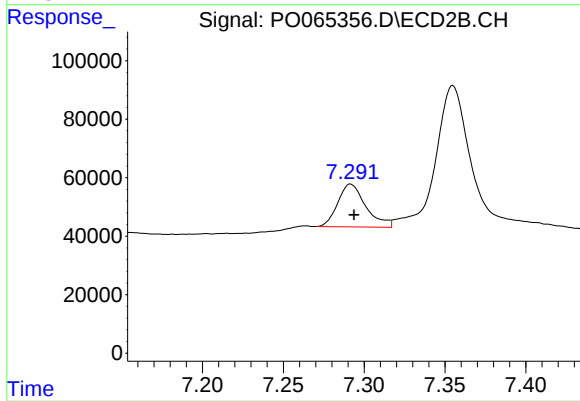
#37 AR-1262-2

R.T.: 7.012 min
Delta R.T.: -0.002 min
Response: 800217
Conc: 178.09 ng/ml



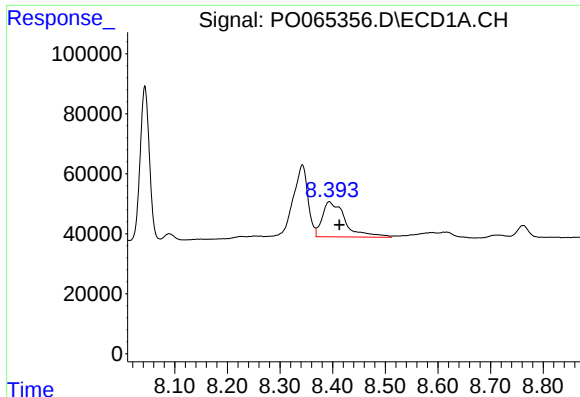
#38 AR-1262-3

R.T.: 8.342 min
Delta R.T.: 0.012 min
Response: 457417
Conc: 200.94 ng/ml



#38 AR-1262-3

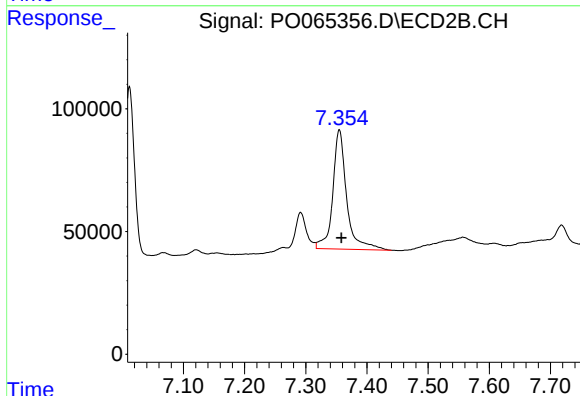
R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 176492
Conc: 104.86 ng/ml



#39 AR-1262-4

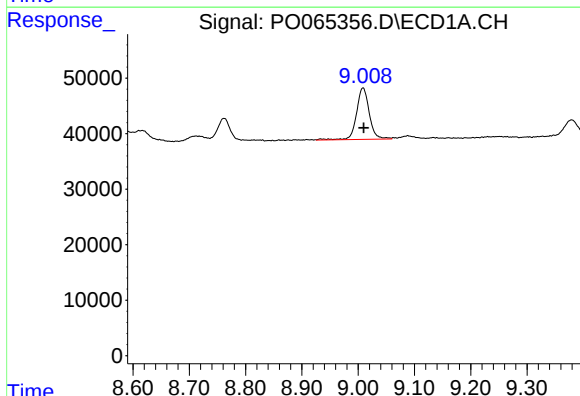
R.T.: 8.394 min
Delta R.T.: -0.019 min
Response: 357272
Conc: 202.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



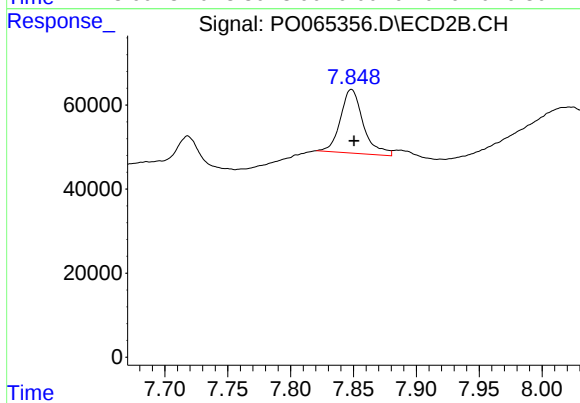
#39 AR-1262-4

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 769192
Conc: 223.67 ng/ml



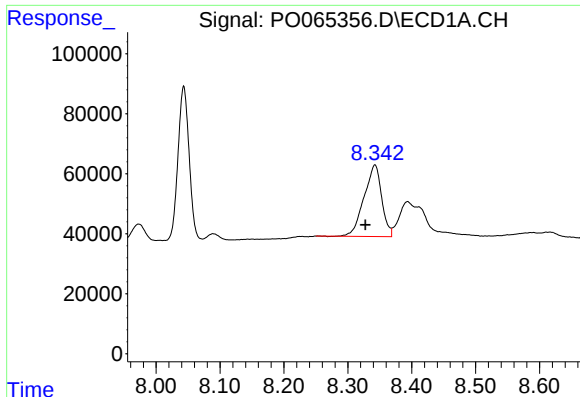
#40 AR-1262-5

R.T.: 9.009 min
Delta R.T.: -0.001 min
Response: 145548
Conc: 109.41 ng/ml



#40 AR-1262-5

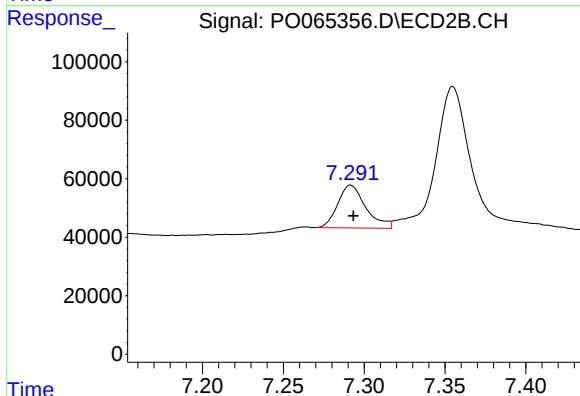
R.T.: 7.848 min
Delta R.T.: -0.002 min
Response: 191706
Conc: 112.42 ng/ml



#41 AR-1268-1

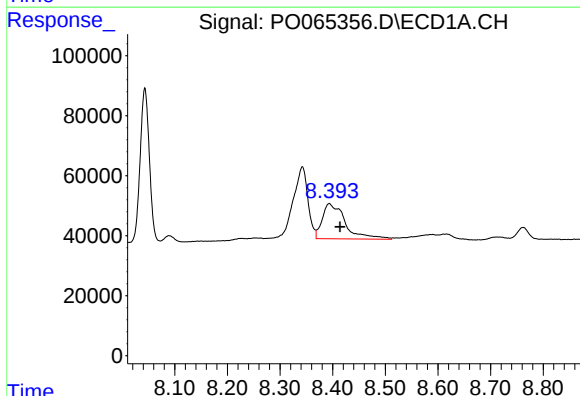
R.T.: 8.342 min
Delta R.T.: 0.015 min
Response: 457417
Conc: 112.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



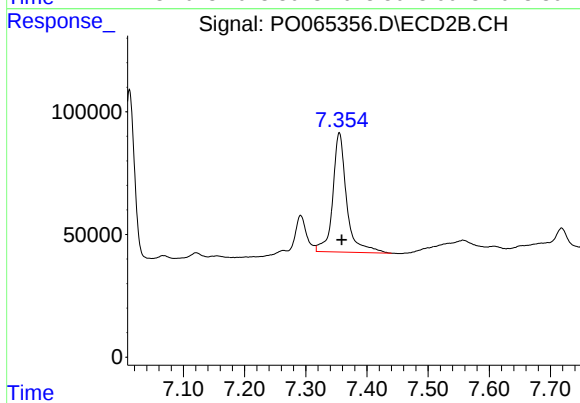
#41 AR-1268-1

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 176492
Conc: 33.23 ng/ml



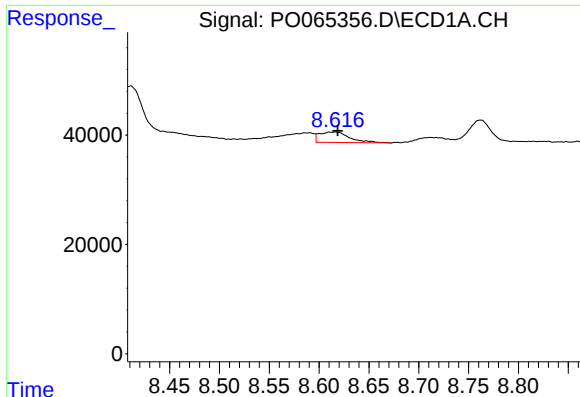
#42 AR-1268-2

R.T.: 8.394 min
Delta R.T.: -0.021 min
Response: 357272
Conc: 92.83 ng/ml



#42 AR-1268-2

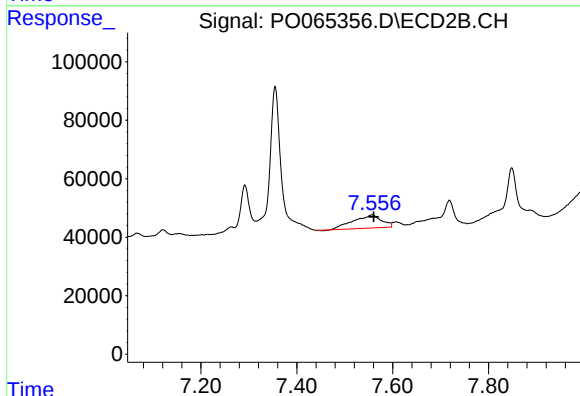
R.T.: 7.355 min
Delta R.T.: -0.004 min
Response: 769192
Conc: 151.43 ng/ml



#43 AR-1268-3

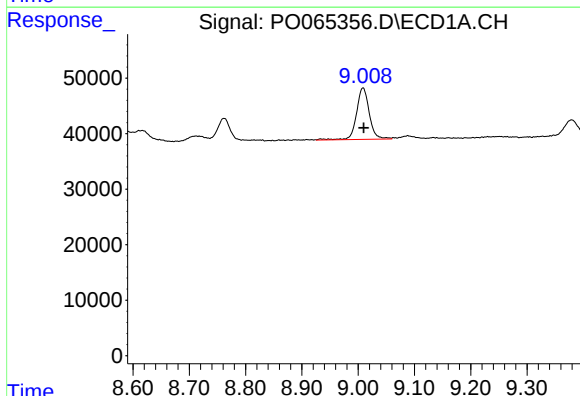
R.T.: 8.616 min
Delta R.T.: -0.002 min
Response: 40615
Conc: 12.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



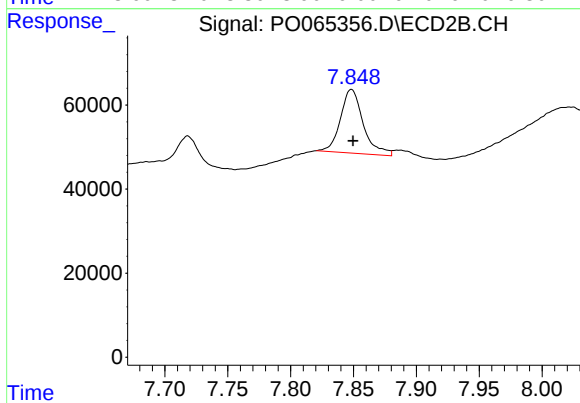
#43 AR-1268-3

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 182705
Conc: 43.01 ng/ml



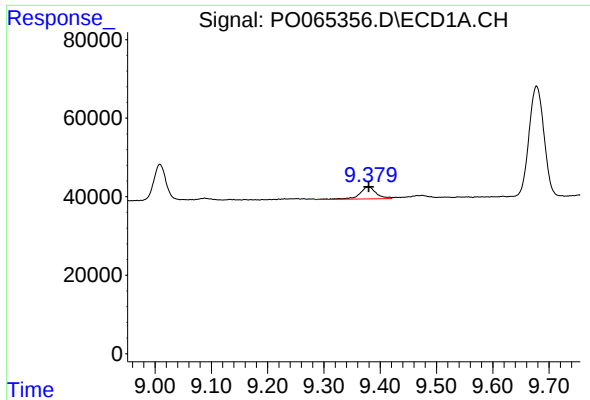
#44 AR-1268-4

R.T.: 9.009 min
Delta R.T.: -0.001 min
Response: 145548
Conc: 94.75 ng/ml



#44 AR-1268-4

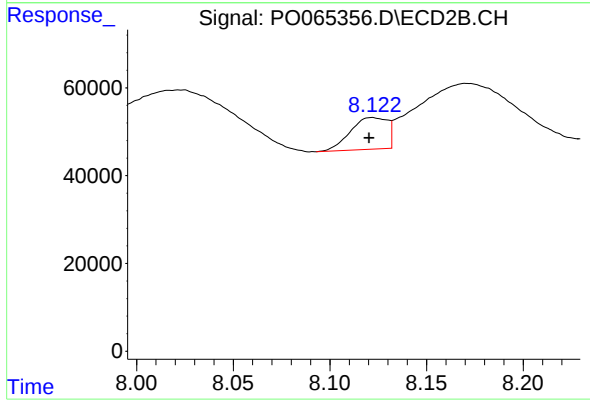
R.T.: 7.848 min
Delta R.T.: -0.001 min
Response: 191706
Conc: 96.86 ng/ml



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: 0.000 min
Response: 62585
Conc: 5.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.122 min
Delta R.T.: 0.001 min
Response: 96554
Conc: 6.72 ng/ml