

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011420\
 Data File : P0065504.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Jan 2020 22:14
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 22:47:47 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...	4.165	3.440	918946	1003030	50.325	45.598
2)	SA Decachlor...	9.671	8.344	1703222	1978513	50.268	47.709
Target Compounds							
3)	L1 AR-1016-1	5.316	4.500	459127	518841	526.431	503.555
4)	L1 AR-1016-2	5.338	4.517	677715	744716	528.357	513.907
5)	L1 AR-1016-3	5.399	4.690	409143	393716	519.298	506.415
6)	L1 AR-1016-4	5.497	4.732	338181	308187	524.130	460.968
7)	L1 AR-1016-5	5.786	4.941	346426	423699	522.559	497.962
9)	L2 AR-1221-2	4.460	3.732	44932	49617	287.780	251.637
10)	L2 AR-1221-3	4.534	3.806	187428	217232	358.911	337.162
11)	L3 AR-1232-1	4.534	3.806	187428	217232	463.397	436.030
12)	L3 AR-1232-2	5.052	4.517	285335	744716	1356.852	1381.043
13)	L3 AR-1232-3	5.338	4.690	677715	393716	1451.341	1384.059
14)	L3 AR-1232-4	5.497	4.772	338181	398366	1449.519	1490.150
15)	L3 AR-1232-5	5.586	4.941	288752	423699	1633.193	1477.928
16)	L4 AR-1242-1	5.316	4.500	459127	518841	788.632	761.201
17)	L4 AR-1242-2	5.338	4.517	677715	744716	792.571	777.100
18)	L4 AR-1242-3	5.399	4.690	409143	393716	780.233	768.129
19)	L4 AR-1242-4	5.497	4.772	338181	398366	798.245	762.183
20)	L4 AR-1242-5	6.224	5.287	58835	348781	108.046	479.888 #
21)	L5 AR-1248-1	5.316	4.500	459127	518841	986.712	935.923
22)	L5 AR-1248-2	5.586	4.732	288752	308187	437.599	401.684
23)	L5 AR-1248-3	5.786	4.772	346426	398366	459.765	506.319
24)	L5 AR-1248-4	6.186	4.941	73463	423699	77.553	442.042 #
25)	L5 AR-1248-5	6.224	5.327	58835	79708	64.320	78.740
26)	L6 AR-1254-1	6.159	5.287	271485	348781	320.023	240.753
27)	L6 AR-1254-2	6.375	5.434	290689	346187	211.531	261.722
28)	L6 AR-1254-3	6.737	5.846	195008	663844	125.820	294.581 #
29)	L6 AR-1254-4	7.020	6.059	144404	111384	113.283	73.883 #
30)	L6 AR-1254-5	7.435	6.471	1056964	1311907	752.652	589.373
31)	L7 AR-1260-1	6.899	5.960	693497	922738	502.814	490.126
32)	L7 AR-1260-2	7.155	6.148	924002	1190975	526.639	490.216
33)	L7 AR-1260-3	7.511	6.298	723294	1063663	511.741	491.411
34)	L7 AR-1260-4	7.734	6.765	809785	948729	463.775	472.892
35)	L7 AR-1260-5	8.040	7.008	1701224	2312062	507.285	467.038
36)	L8 AR-1262-1	7.511	6.562	723294	509485	437.231	540.425
37)	L8 AR-1262-2	8.040	7.008	1701224	2312062	531.238	514.556
38)	L8 AR-1262-3	8.338	7.287	1091699	539766	479.567	320.708 #
39)	L8 AR-1262-4	8.407	7.350	303327	1752611	171.594	509.628 #
40)	L8 AR-1262-5	9.004	7.843	536153	634950	403.042	372.358
41)	L9 AR-1268-1	8.338	7.287	1091699	539766	268.348	101.634 #
42)	L9 AR-1268-2	8.407	7.350	303327	1752611	78.815	345.034 #

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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
44) L9	AR-1268-4	9.004	7.843	536153	634950	349.043	320.806
45) L9	AR-1268-5	9.373	8.113	152616	173251	13.775	12.050

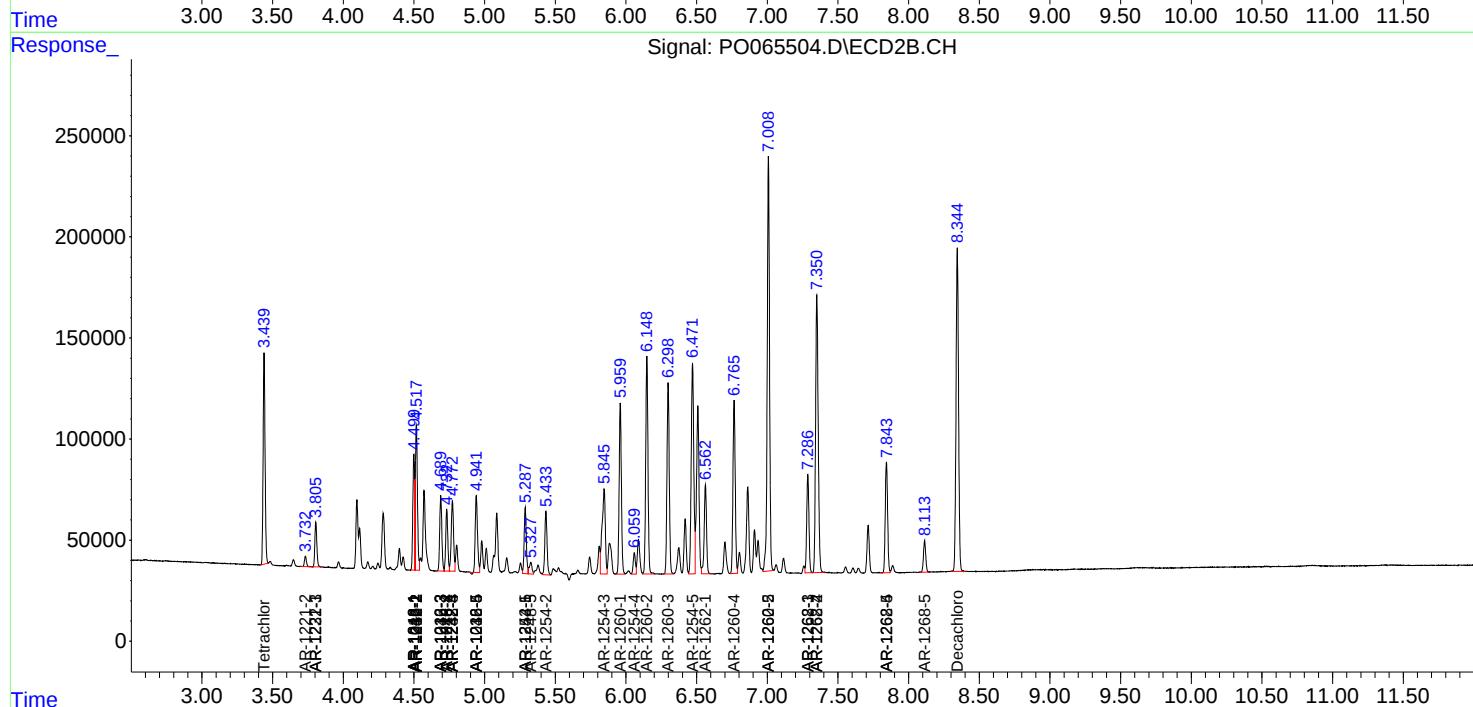
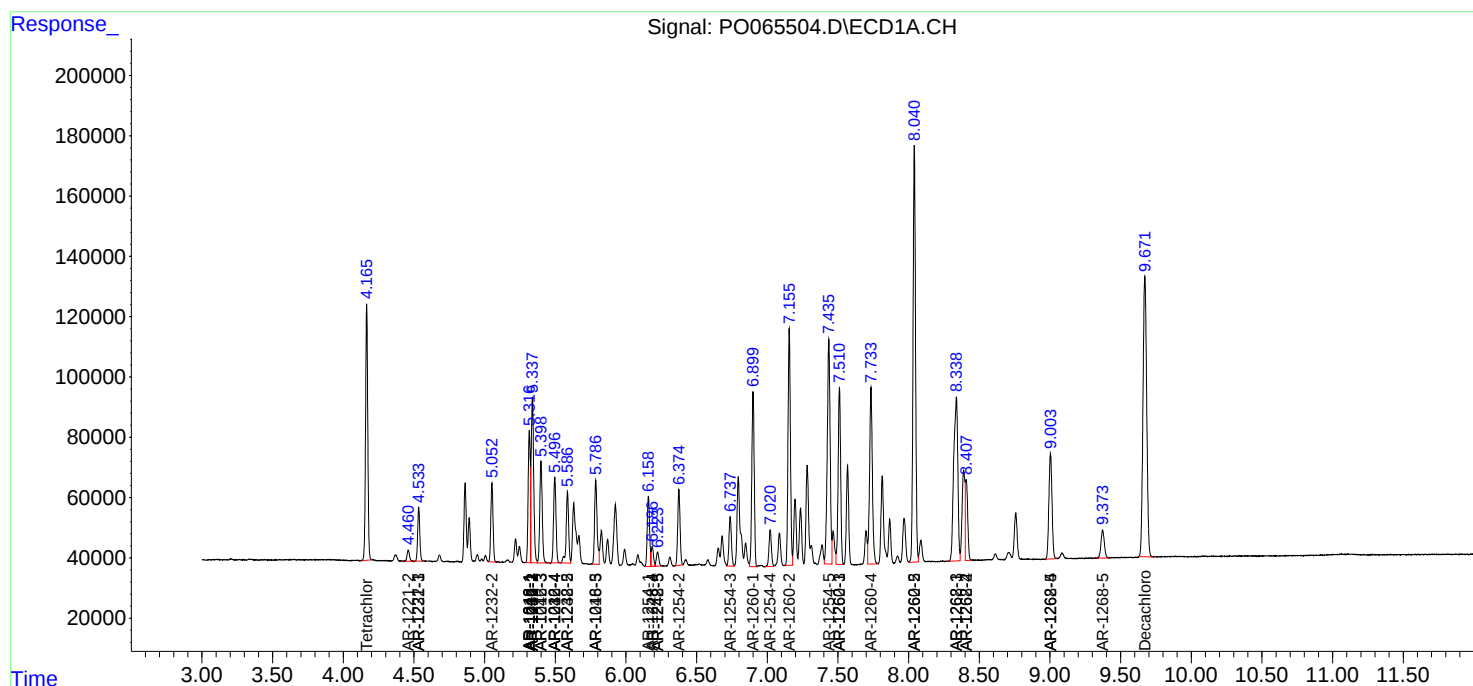
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

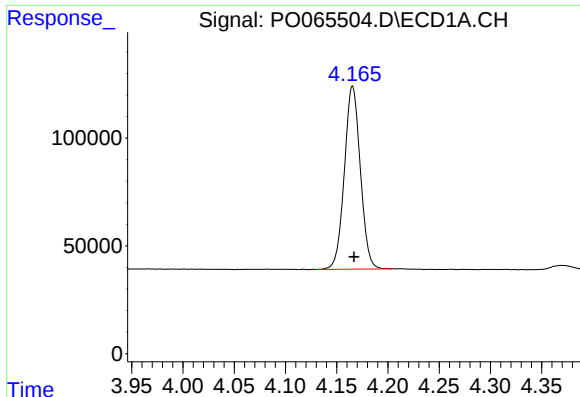
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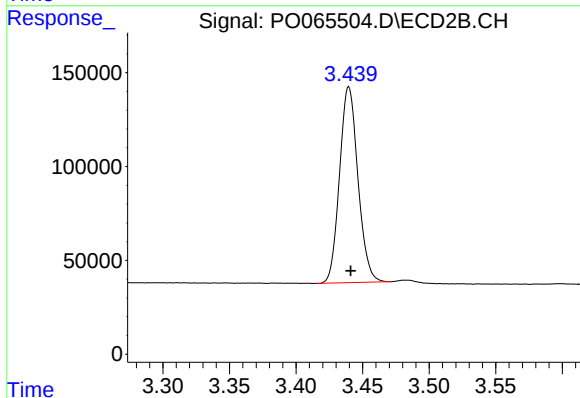




#1 Tetrachloro-m-xylene

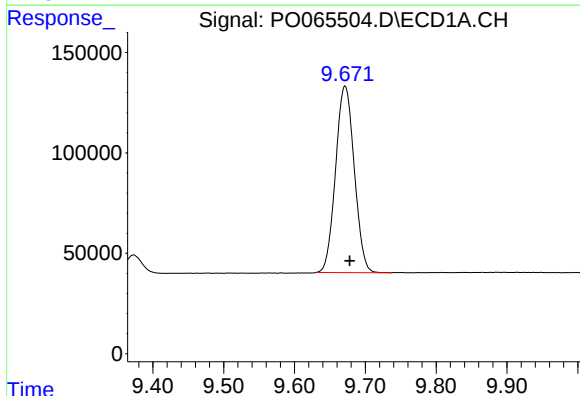
R.T.: 4.165 min
Delta R.T.: -0.002 min
Response: 918946
Conc: 50.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



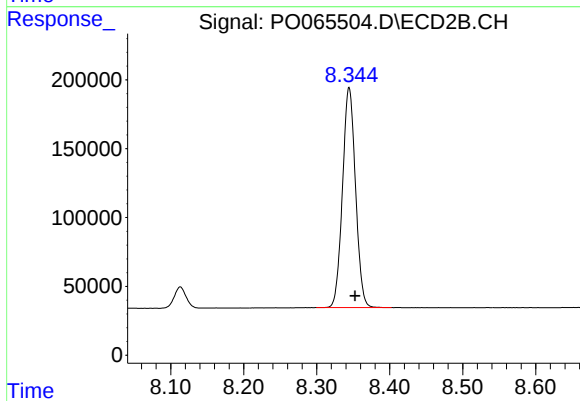
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: -0.001 min
Response: 1003030
Conc: 45.60 ng/ml



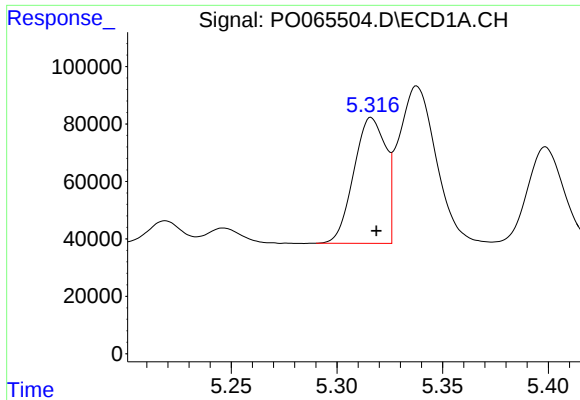
#2 Decachlorobiphenyl

R.T.: 9.671 min
Delta R.T.: -0.007 min
Response: 1703222
Conc: 50.27 ng/ml



#2 Decachlorobiphenyl

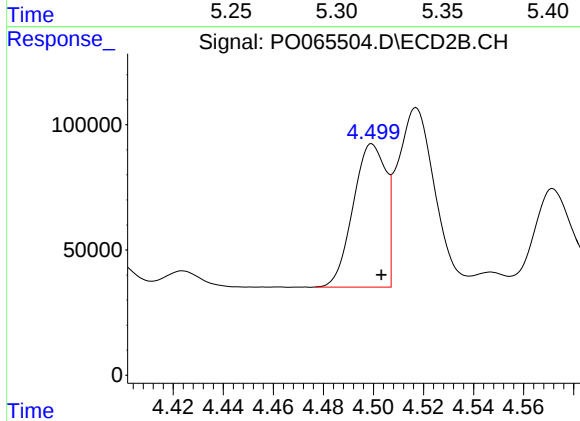
R.T.: 8.344 min
Delta R.T.: -0.008 min
Response: 1978513
Conc: 47.71 ng/ml



#3 AR-1016-1

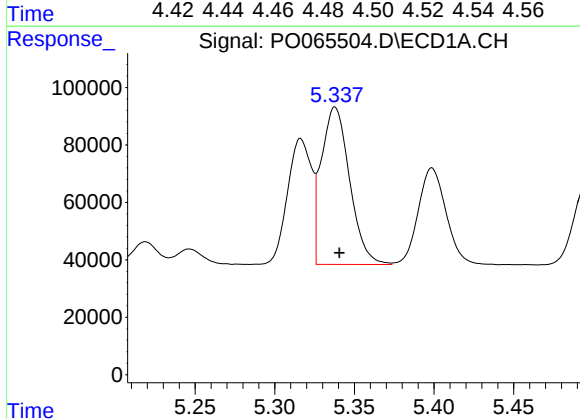
R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 459127
Conc: 526.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



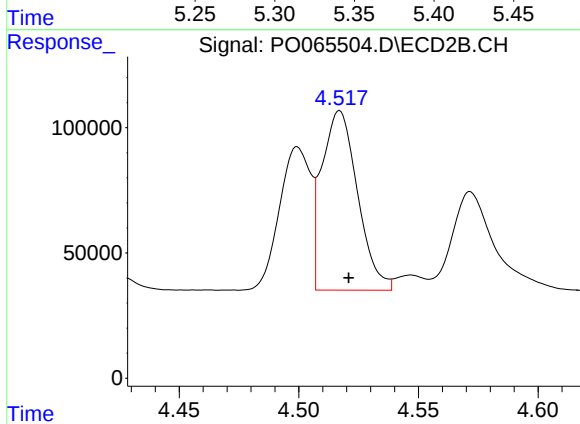
#3 AR-1016-1

R.T.: 4.500 min
Delta R.T.: -0.004 min
Response: 518841
Conc: 503.56 ng/ml



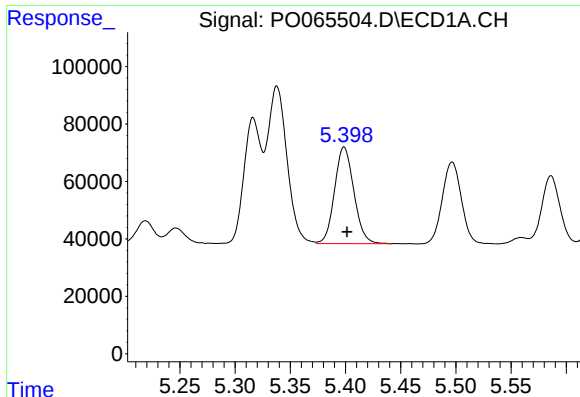
#4 AR-1016-2

R.T.: 5.338 min
Delta R.T.: -0.003 min
Response: 677715
Conc: 528.36 ng/ml



#4 AR-1016-2

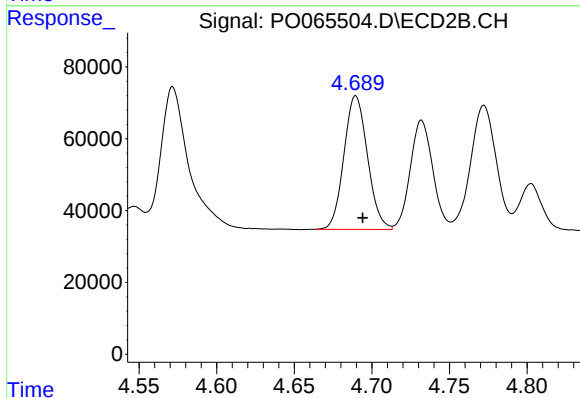
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 744716
Conc: 513.91 ng/ml



#5 AR-1016-3

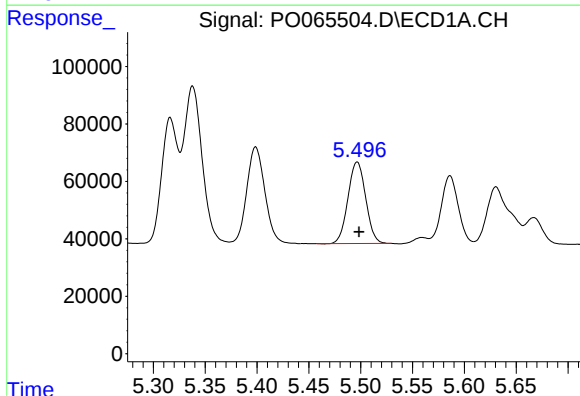
R.T.: 5.399 min
Delta R.T.: -0.003 min
Response: 409143
Conc: 519.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



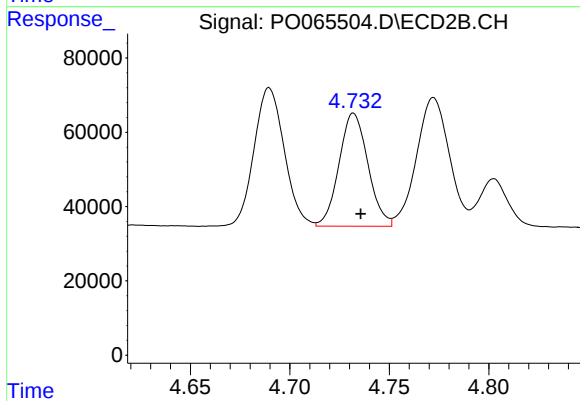
#5 AR-1016-3

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 393716
Conc: 506.41 ng/ml



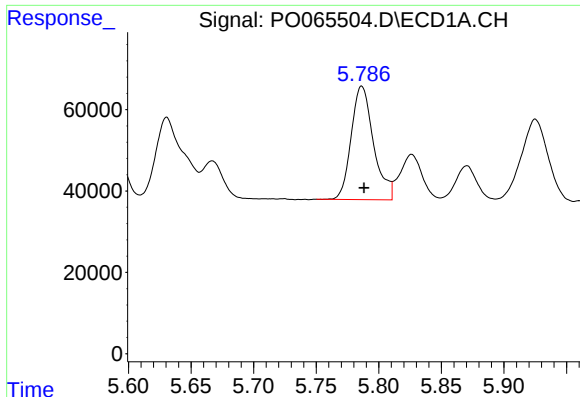
#6 AR-1016-4

R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 338181
Conc: 524.13 ng/ml



#6 AR-1016-4

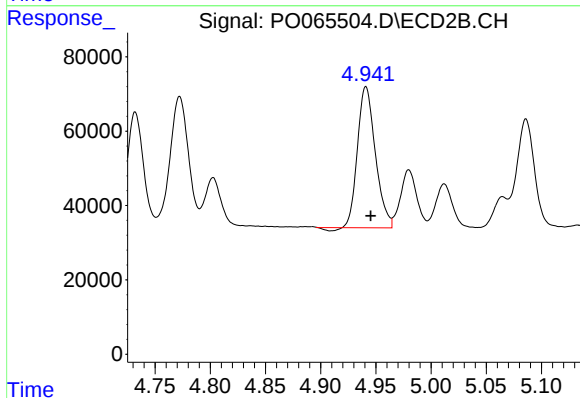
R.T.: 4.732 min
Delta R.T.: -0.004 min
Response: 308187
Conc: 460.97 ng/ml



#7 AR-1016-5

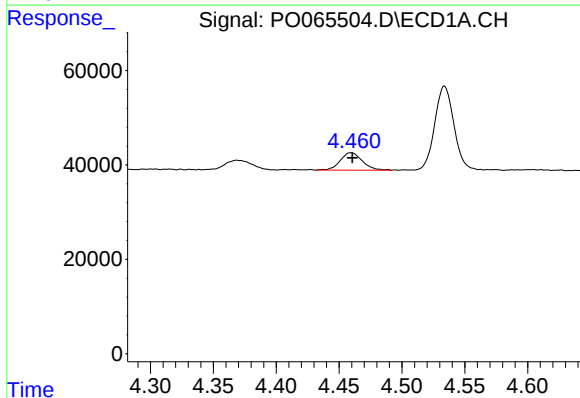
R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 346426
Conc: 522.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



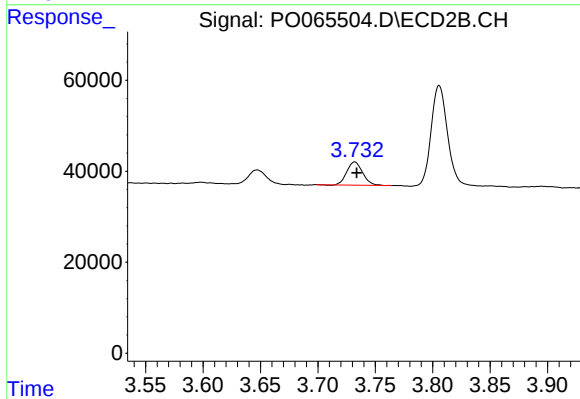
#7 AR-1016-5

R.T.: 4.941 min
Delta R.T.: -0.004 min
Response: 423699
Conc: 497.96 ng/ml



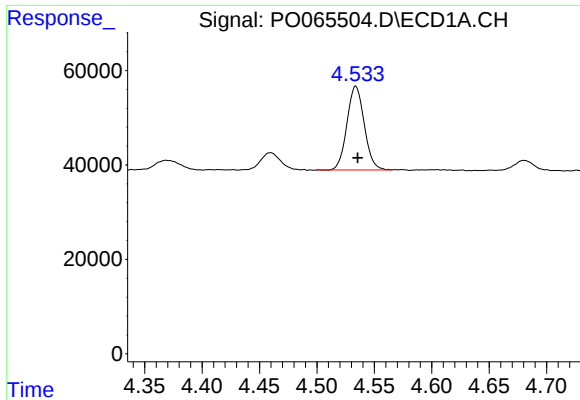
#9 AR-1221-2

R.T.: 4.460 min
Delta R.T.: -0.001 min
Response: 44932
Conc: 287.78 ng/ml



#9 AR-1221-2

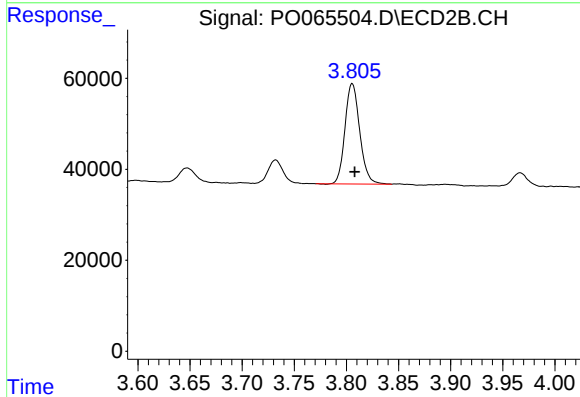
R.T.: 3.732 min
Delta R.T.: -0.002 min
Response: 49617
Conc: 251.64 ng/ml



#10 AR-1221-3

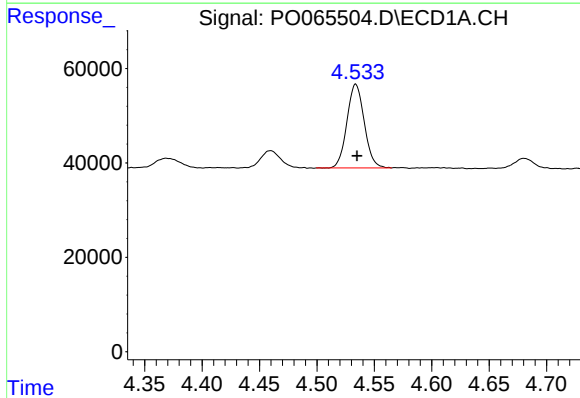
R.T.: 4.534 min
Delta R.T.: -0.002 min
Response: 187428
Conc: 358.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



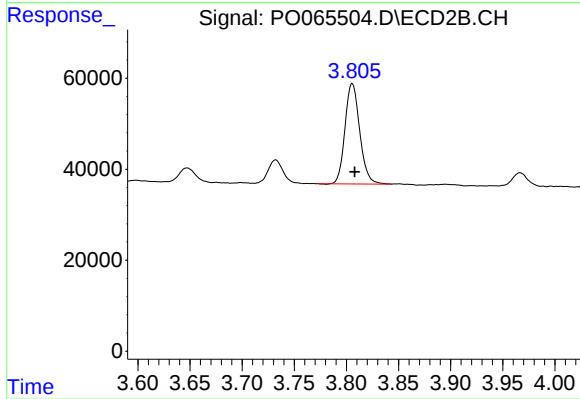
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: -0.002 min
Response: 217232
Conc: 337.16 ng/ml



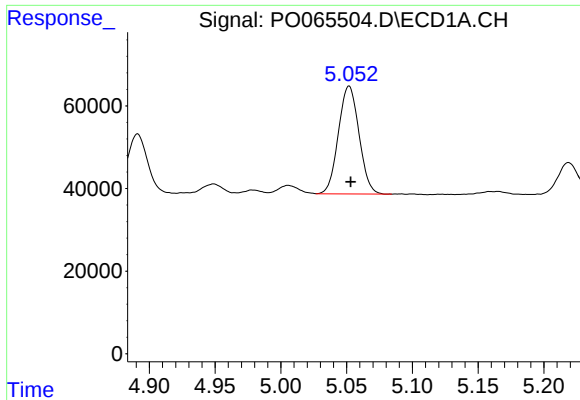
#11 AR-1232-1

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 187428
Conc: 463.40 ng/ml



#11 AR-1232-1

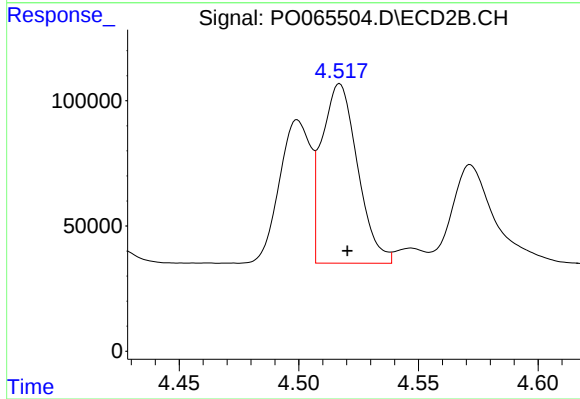
R.T.: 3.806 min
Delta R.T.: -0.002 min
Response: 217232
Conc: 436.03 ng/ml



#12 AR-1232-2

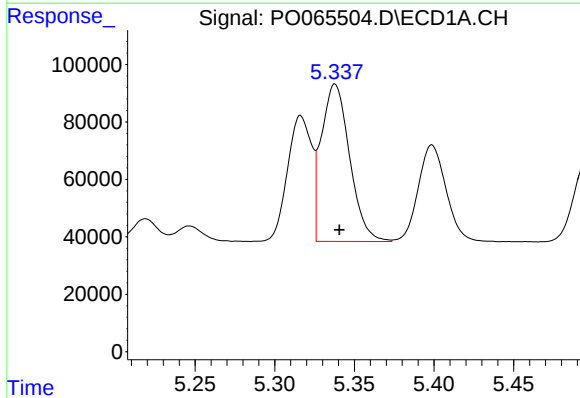
R.T.: 5.052 min
Delta R.T.: -0.001 min
Response: 285335
Conc: 1356.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



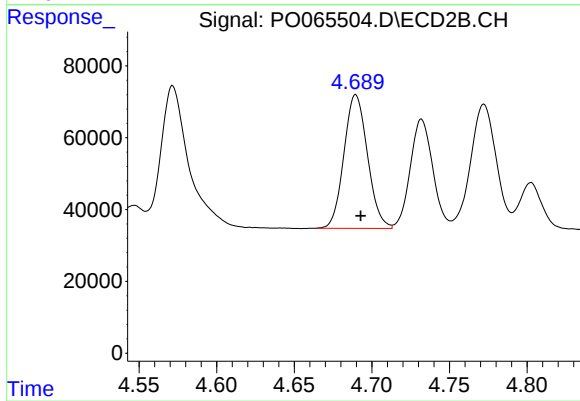
#12 AR-1232-2

R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 744716
Conc: 1381.04 ng/ml



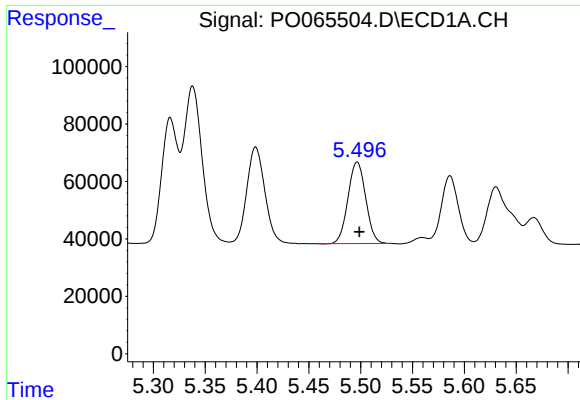
#13 AR-1232-3

R.T.: 5.338 min
Delta R.T.: -0.003 min
Response: 677715
Conc: 1451.34 ng/ml



#13 AR-1232-3

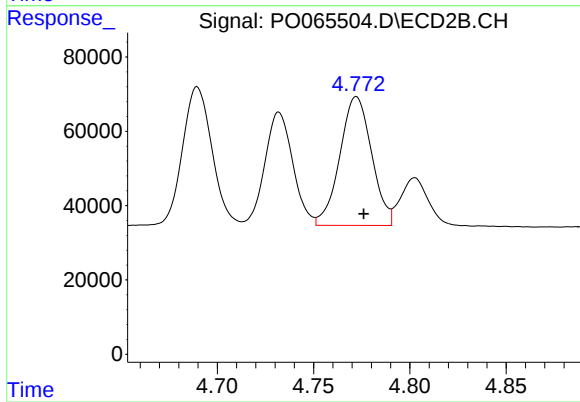
R.T.: 4.690 min
Delta R.T.: -0.003 min
Response: 393716
Conc: 1384.06 ng/ml



#14 AR-1232-4

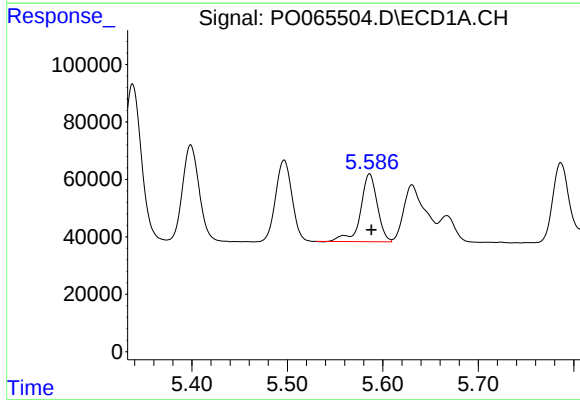
R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 338181
Conc: 1449.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



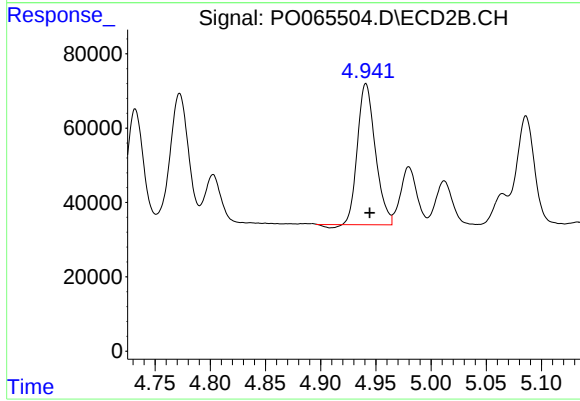
#14 AR-1232-4

R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 398366
Conc: 1490.15 ng/ml



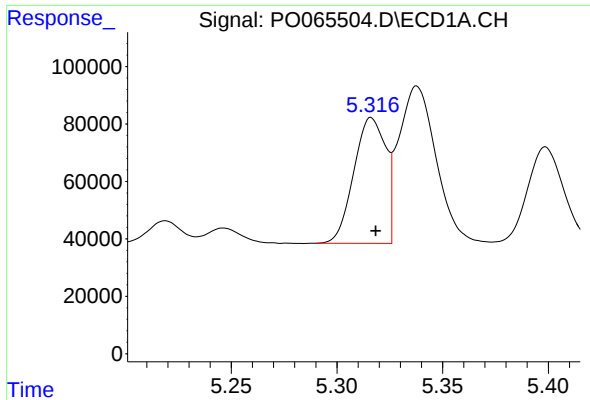
#15 AR-1232-5

R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 288752
Conc: 1633.19 ng/ml



#15 AR-1232-5

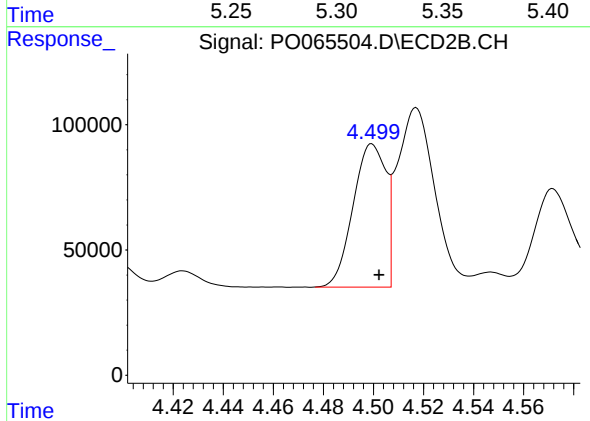
R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 423699
Conc: 1477.93 ng/ml



#16 AR-1242-1

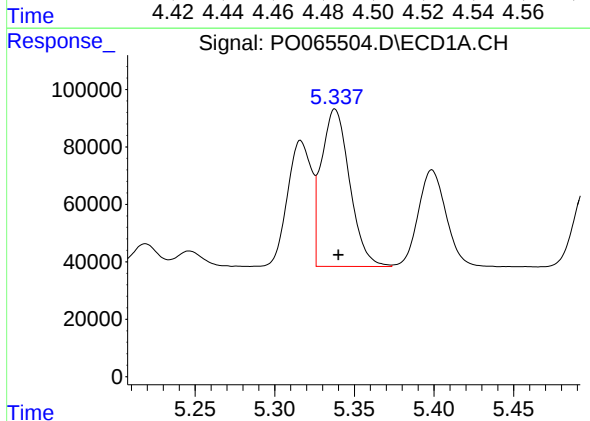
R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 459127
Conc: 788.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



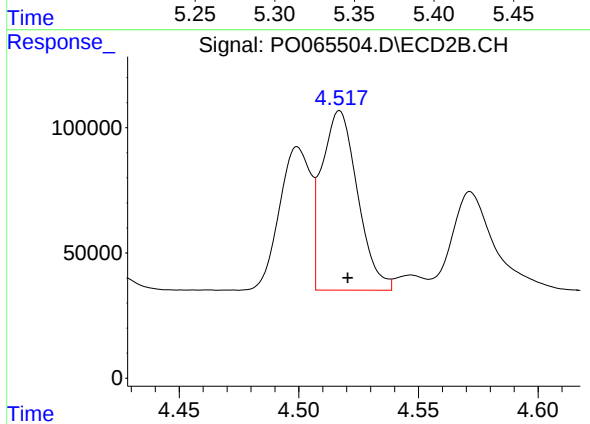
#16 AR-1242-1

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 518841
Conc: 761.20 ng/ml



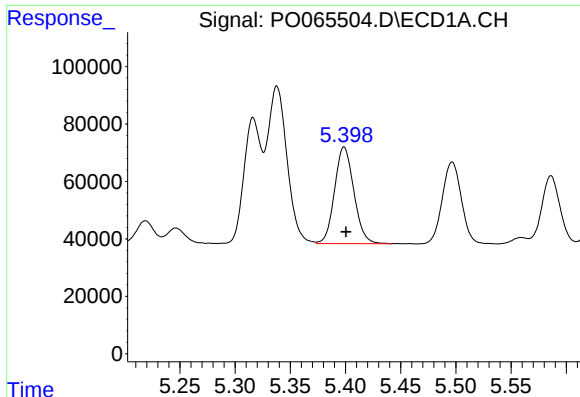
#17 AR-1242-2

R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 677715
Conc: 792.57 ng/ml



#17 AR-1242-2

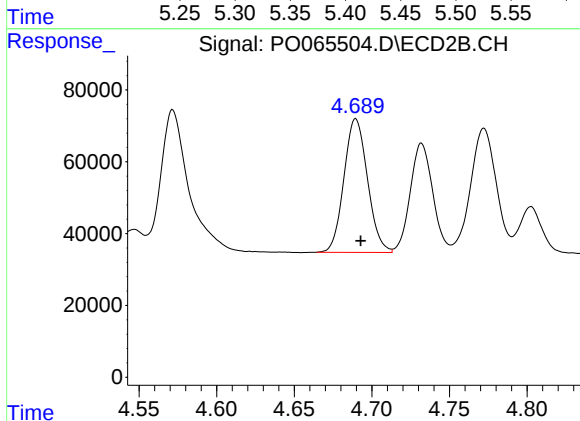
R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 744716
Conc: 777.10 ng/ml



#18 AR-1242-3

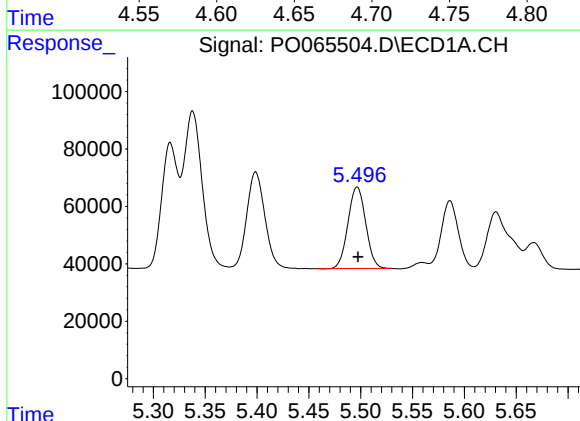
R.T.: 5.399 min
Delta R.T.: -0.002 min
Response: 409143
Conc: 780.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



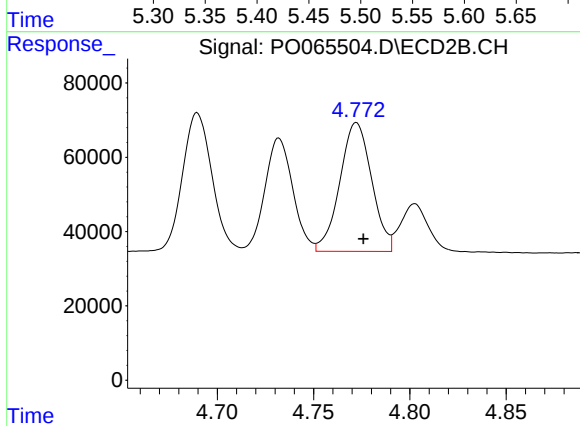
#18 AR-1242-3

R.T.: 4.690 min
Delta R.T.: -0.003 min
Response: 393716
Conc: 768.13 ng/ml



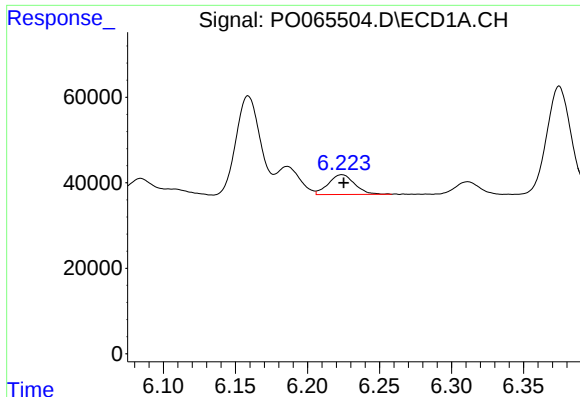
#19 AR-1242-4

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 338181
Conc: 798.25 ng/ml



#19 AR-1242-4

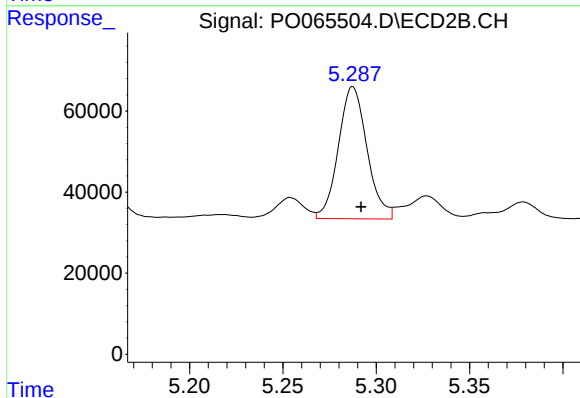
R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 398366
Conc: 762.18 ng/ml



#20 AR-1242-5

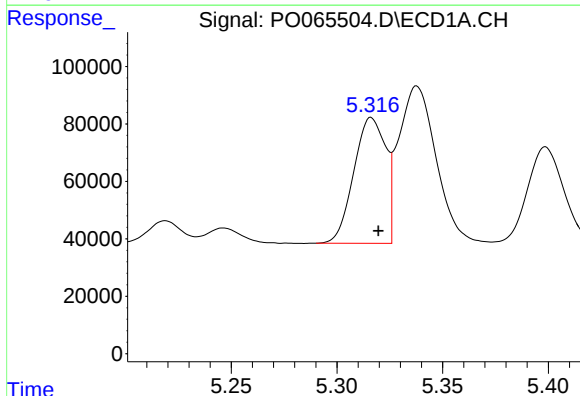
R.T.: 6.224 min
Delta R.T.: -0.001 min
Response: 58835
Conc: 108.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



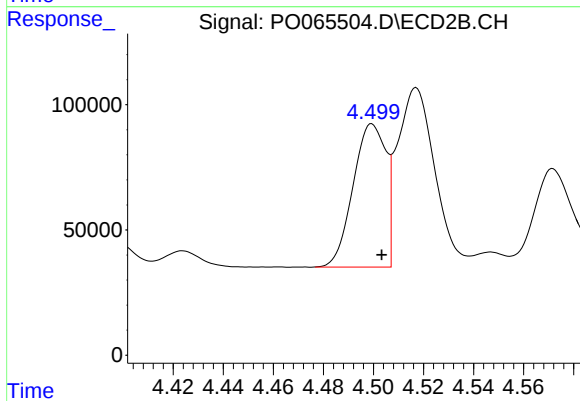
#20 AR-1242-5

R.T.: 5.287 min
Delta R.T.: -0.004 min
Response: 348781
Conc: 479.89 ng/ml



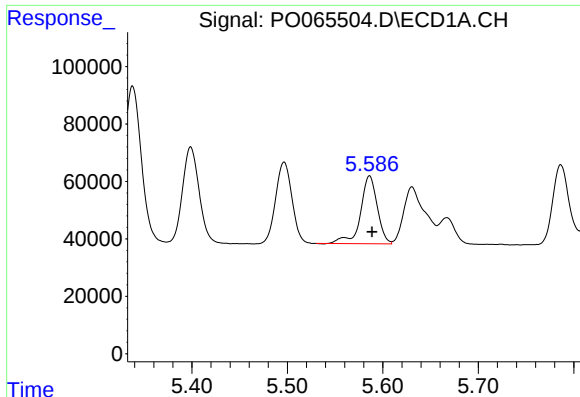
#21 AR-1248-1

R.T.: 5.316 min
Delta R.T.: -0.003 min
Response: 459127
Conc: 986.71 ng/ml



#21 AR-1248-1

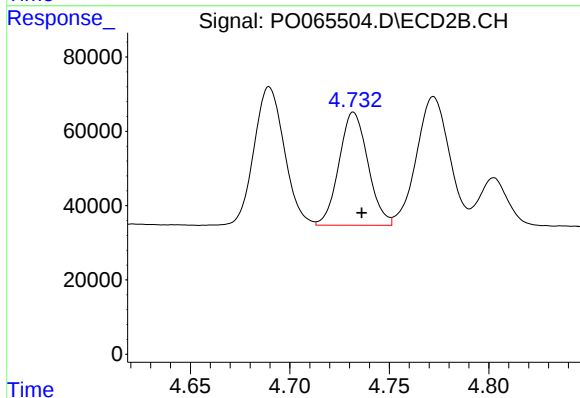
R.T.: 4.500 min
Delta R.T.: -0.004 min
Response: 518841
Conc: 935.92 ng/ml



#22 AR-1248-2

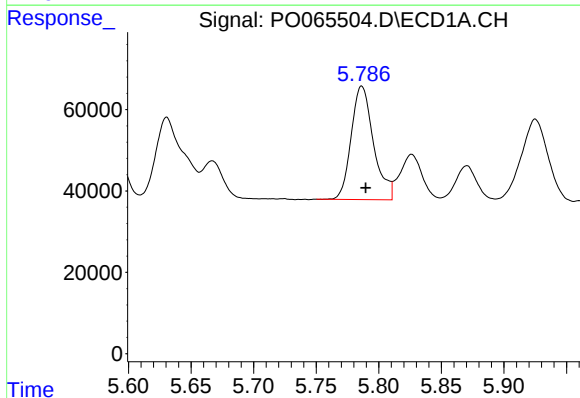
R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 288752
Conc: 437.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



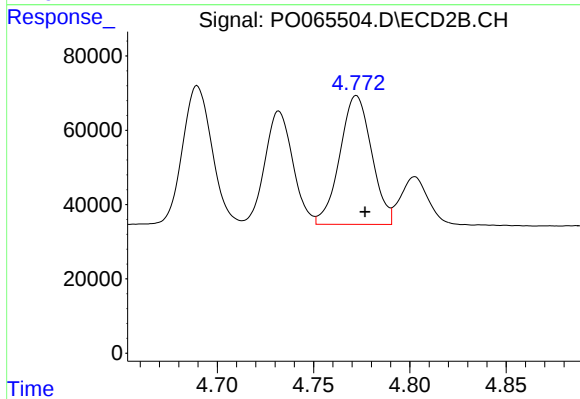
#22 AR-1248-2

R.T.: 4.732 min
Delta R.T.: -0.004 min
Response: 308187
Conc: 401.68 ng/ml



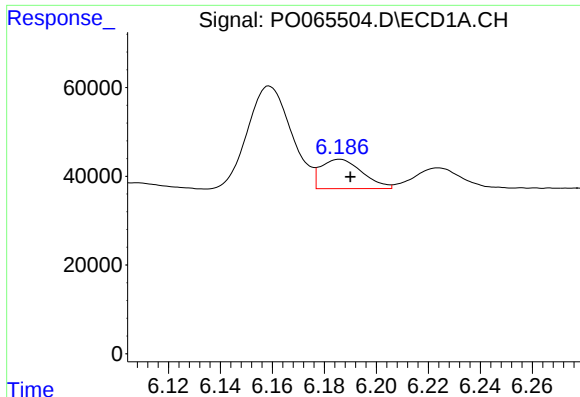
#23 AR-1248-3

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 346426
Conc: 459.76 ng/ml



#23 AR-1248-3

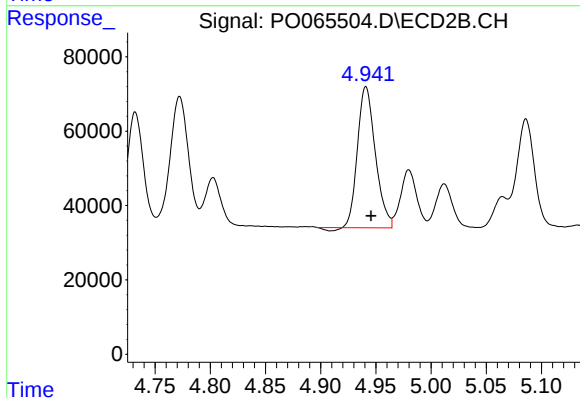
R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 398366
Conc: 506.32 ng/ml



#24 AR-1248-4

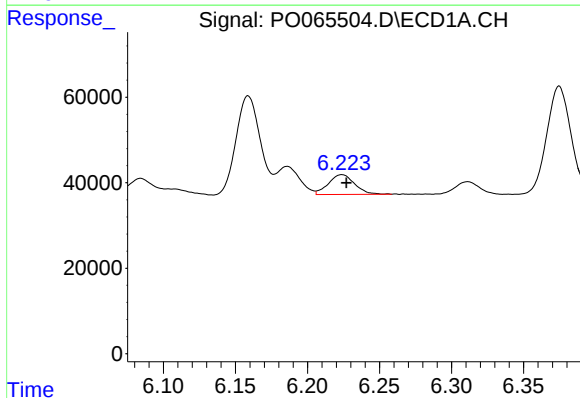
R.T.: 6.186 min
Delta R.T.: -0.004 min
Response: 73463
Conc: 77.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



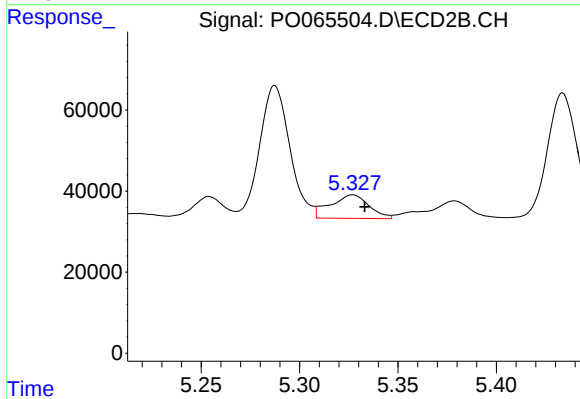
#24 AR-1248-4

R.T.: 4.941 min
Delta R.T.: -0.005 min
Response: 423699
Conc: 442.04 ng/ml



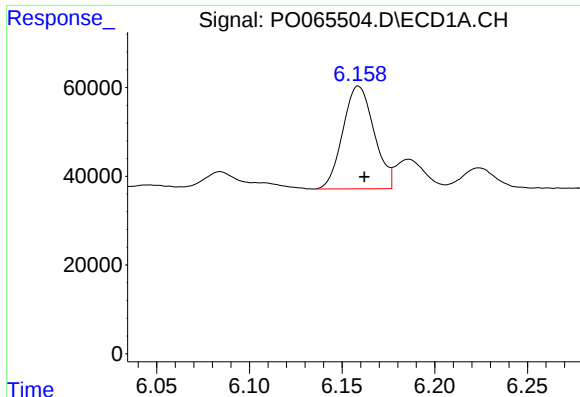
#25 AR-1248-5

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 58835
Conc: 64.32 ng/ml



#25 AR-1248-5

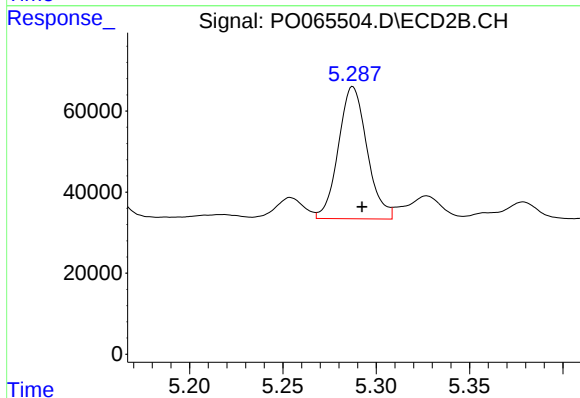
R.T.: 5.327 min
Delta R.T.: -0.006 min
Response: 79708
Conc: 78.74 ng/ml



#26 AR-1254-1

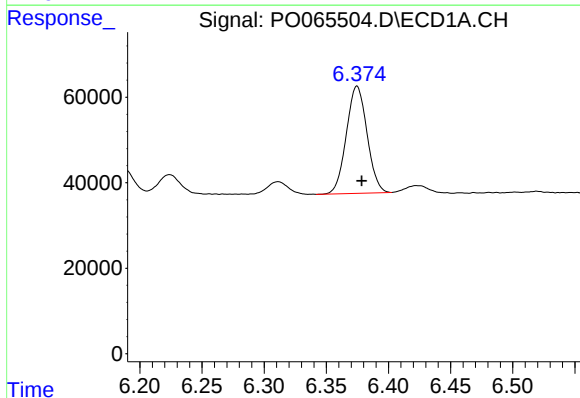
R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 271485
Conc: 320.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



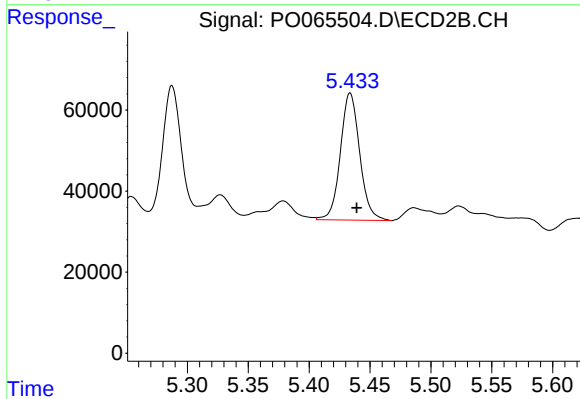
#26 AR-1254-1

R.T.: 5.287 min
Delta R.T.: -0.005 min
Response: 348781
Conc: 240.75 ng/ml



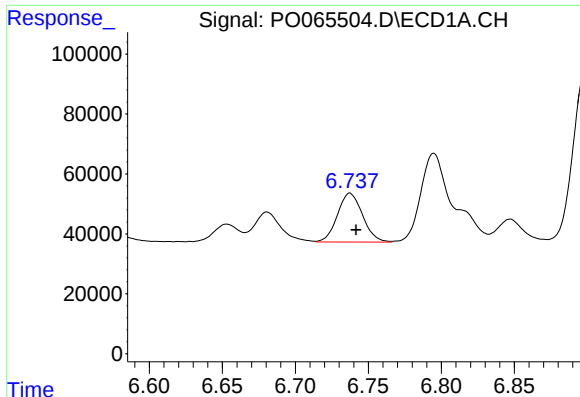
#27 AR-1254-2

R.T.: 6.375 min
Delta R.T.: -0.004 min
Response: 290689
Conc: 211.53 ng/ml



#27 AR-1254-2

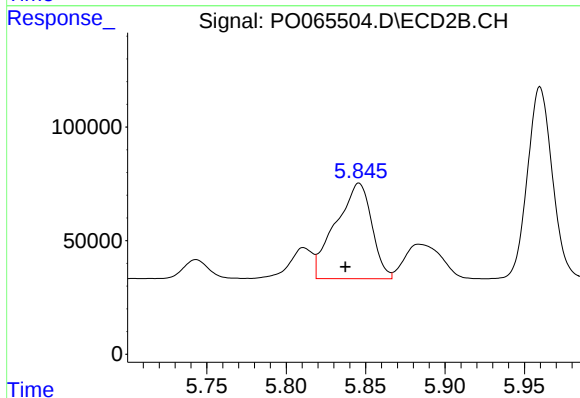
R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 346187
Conc: 261.72 ng/ml



#28 AR-1254-3

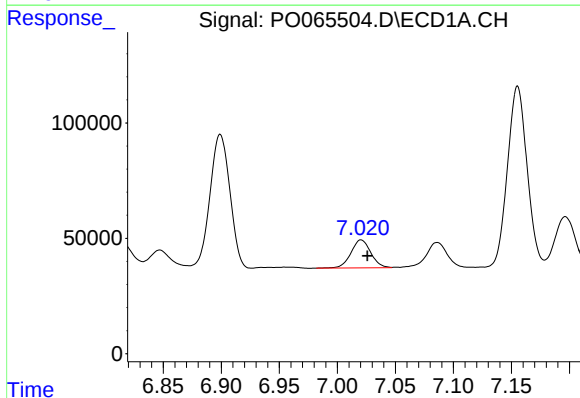
R.T.: 6.737 min
Delta R.T.: -0.004 min
Response: 195008
Conc: 125.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



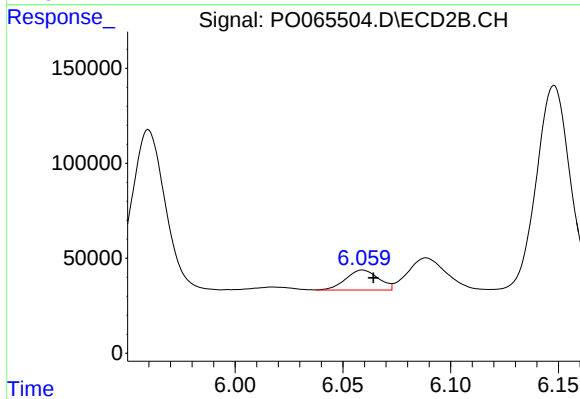
#28 AR-1254-3

R.T.: 5.846 min
Delta R.T.: 0.009 min
Response: 663844
Conc: 294.58 ng/ml



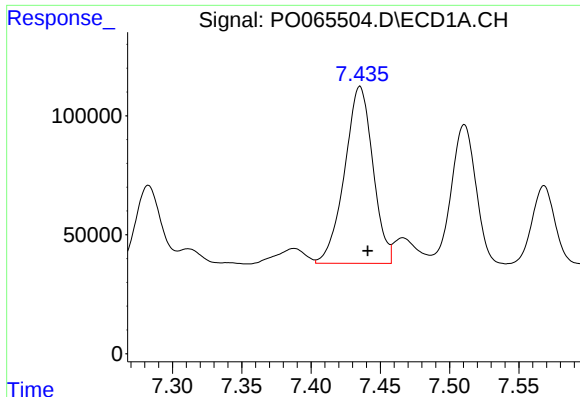
#29 AR-1254-4

R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 144404
Conc: 113.28 ng/ml



#29 AR-1254-4

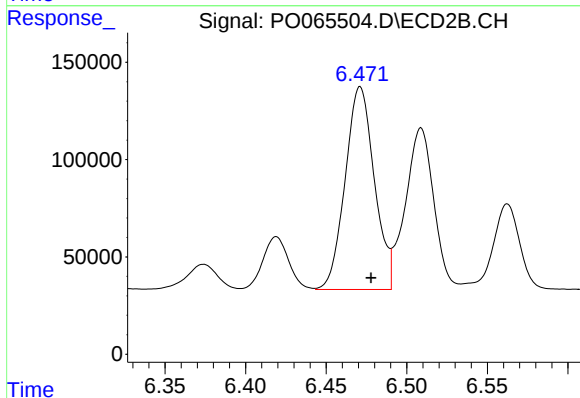
R.T.: 6.059 min
Delta R.T.: -0.005 min
Response: 111384
Conc: 73.88 ng/ml



#30 AR-1254-5

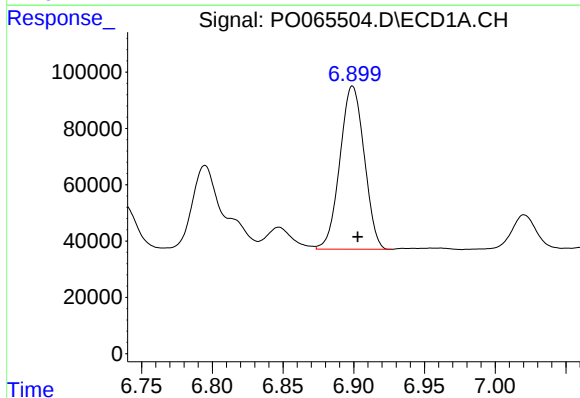
R.T.: 7.435 min
Delta R.T.: -0.006 min
Response: 1056964
Conc: 752.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



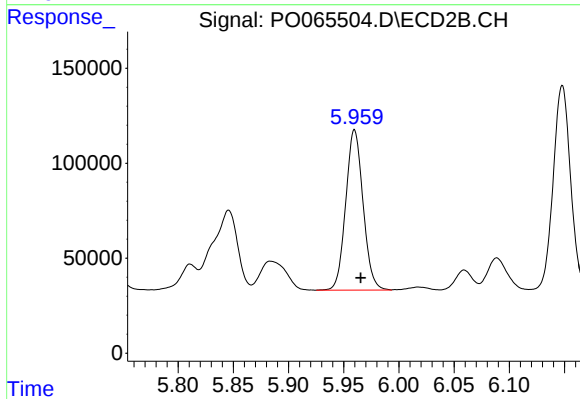
#30 AR-1254-5

R.T.: 6.471 min
Delta R.T.: -0.007 min
Response: 1311907
Conc: 589.37 ng/ml



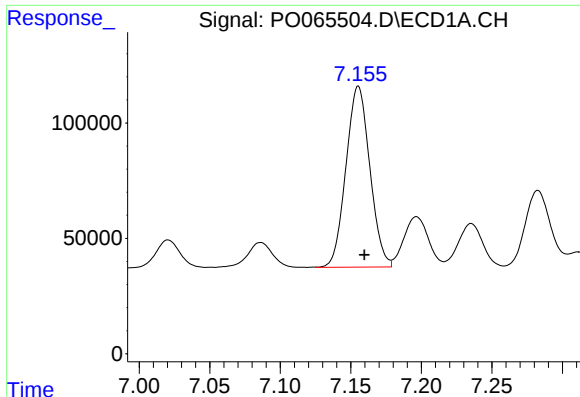
#31 AR-1260-1

R.T.: 6.899 min
Delta R.T.: -0.004 min
Response: 693497
Conc: 502.81 ng/ml



#31 AR-1260-1

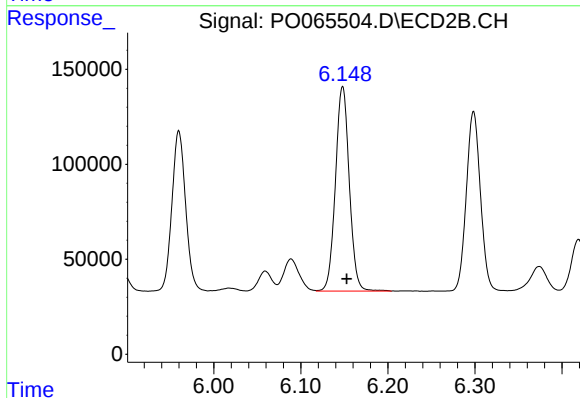
R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 922738
Conc: 490.13 ng/ml



#32 AR-1260-2

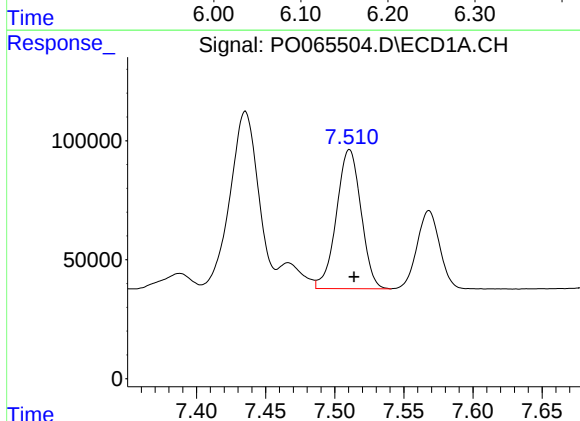
R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 924002
Conc: 526.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



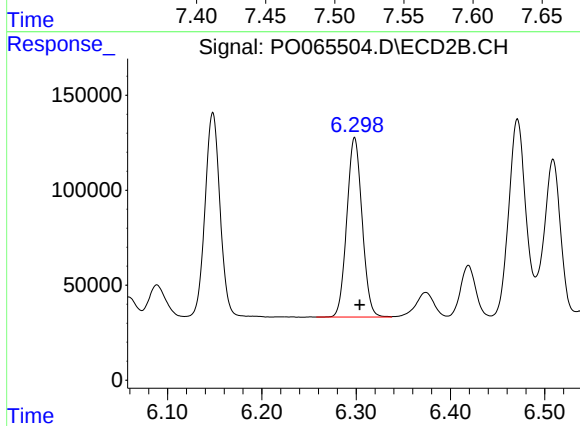
#32 AR-1260-2

R.T.: 6.148 min
Delta R.T.: -0.005 min
Response: 1190975
Conc: 490.22 ng/ml



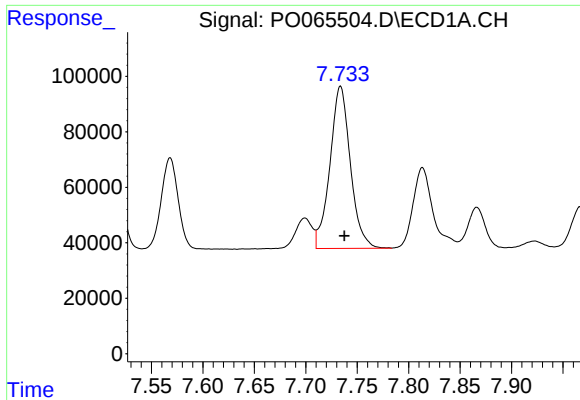
#33 AR-1260-3

R.T.: 7.511 min
Delta R.T.: -0.003 min
Response: 723294
Conc: 511.74 ng/ml



#33 AR-1260-3

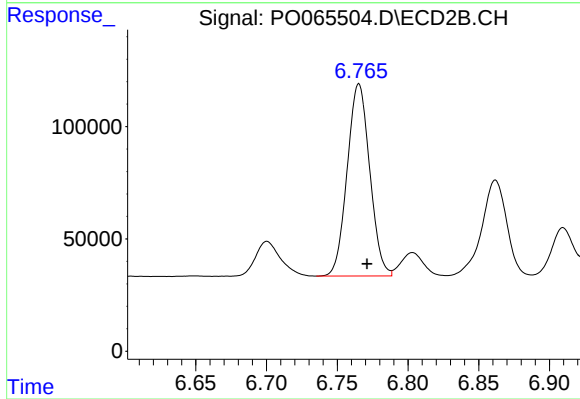
R.T.: 6.298 min
Delta R.T.: -0.005 min
Response: 1063663
Conc: 491.41 ng/ml



#34 AR-1260-4

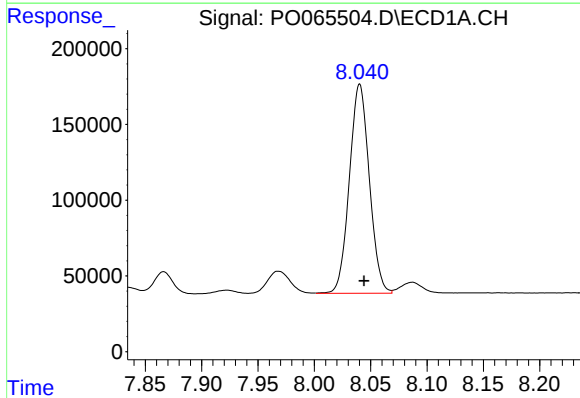
R.T.: 7.734 min
Delta R.T.: -0.004 min
Response: 809785
Conc: 463.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



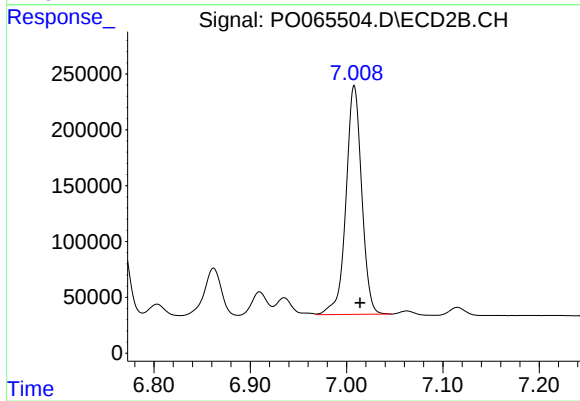
#34 AR-1260-4

R.T.: 6.765 min
Delta R.T.: -0.006 min
Response: 948729
Conc: 472.89 ng/ml



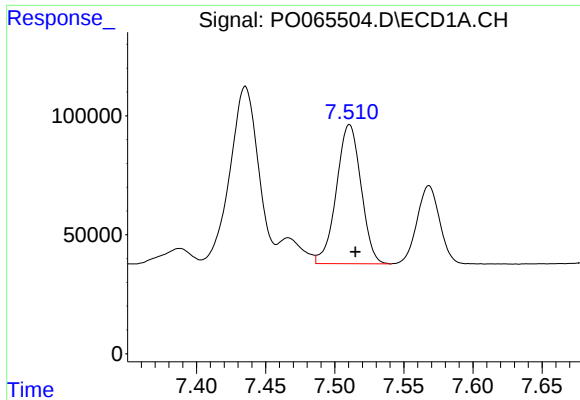
#35 AR-1260-5

R.T.: 8.040 min
Delta R.T.: -0.004 min
Response: 1701224
Conc: 507.29 ng/ml



#35 AR-1260-5

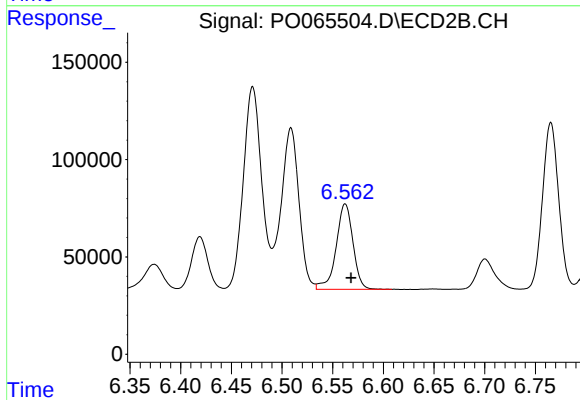
R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 2312062
Conc: 467.04 ng/ml



#36 AR-1262-1

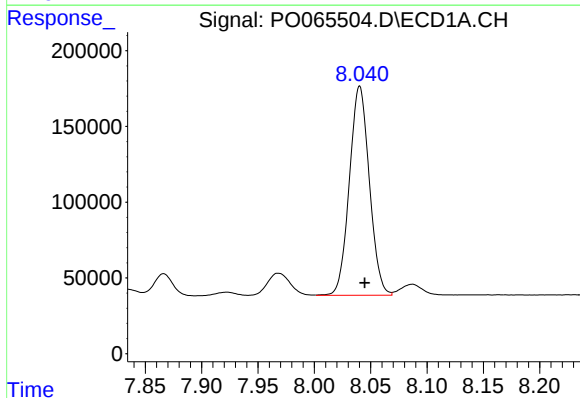
R.T.: 7.511 min
Delta R.T.: -0.004 min
Response: 723294
Conc: 437.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



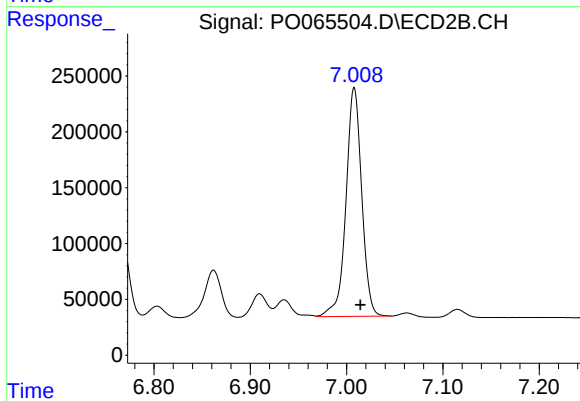
#36 AR-1262-1

R.T.: 6.562 min
Delta R.T.: -0.006 min
Response: 509485
Conc: 540.43 ng/ml



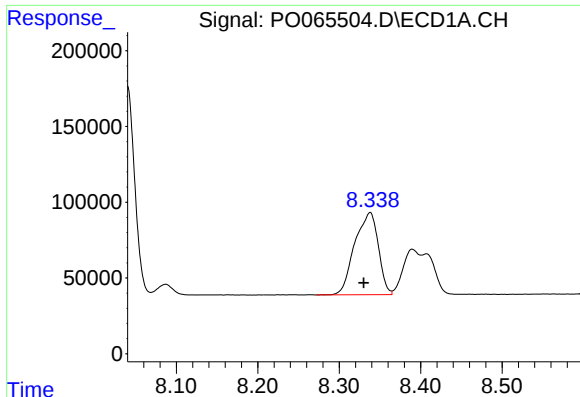
#37 AR-1262-2

R.T.: 8.040 min
Delta R.T.: -0.004 min
Response: 1701224
Conc: 531.24 ng/ml



#37 AR-1262-2

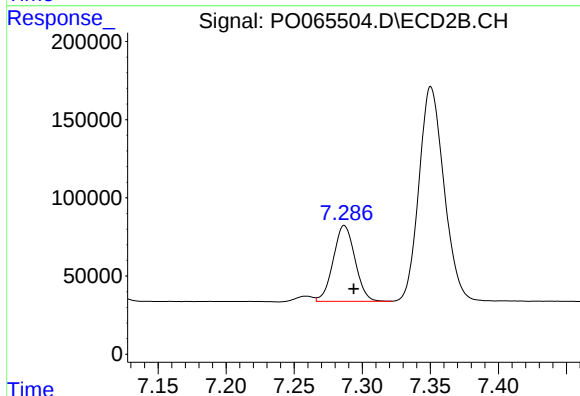
R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 2312062
Conc: 514.56 ng/ml



#38 AR-1262-3

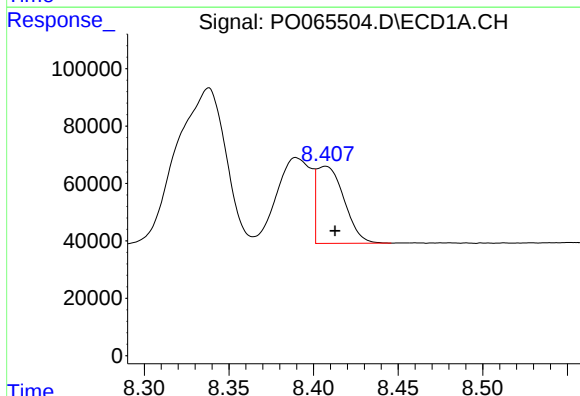
R.T.: 8.338 min
Delta R.T.: 0.008 min
Response: 1091699
Conc: 479.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



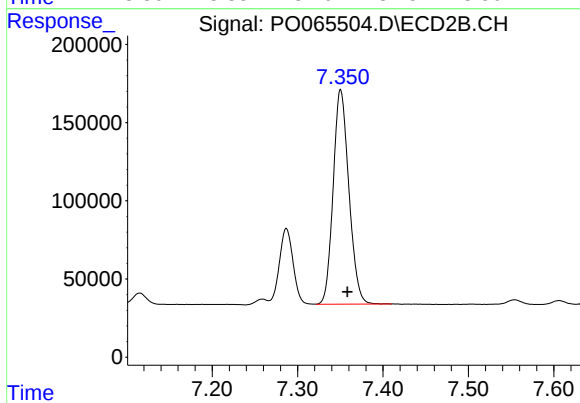
#38 AR-1262-3

R.T.: 7.287 min
Delta R.T.: -0.007 min
Response: 539766
Conc: 320.71 ng/ml



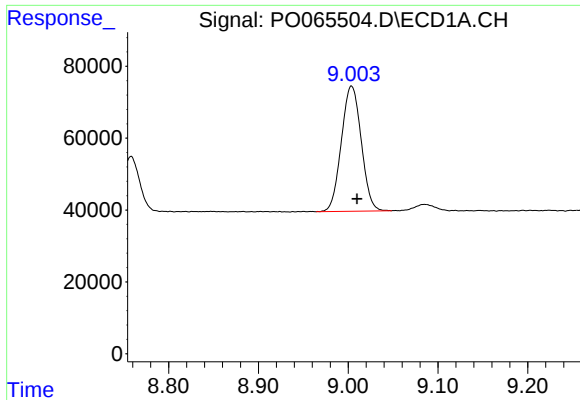
#39 AR-1262-4

R.T.: 8.407 min
Delta R.T.: -0.005 min
Response: 303327
Conc: 171.59 ng/ml



#39 AR-1262-4

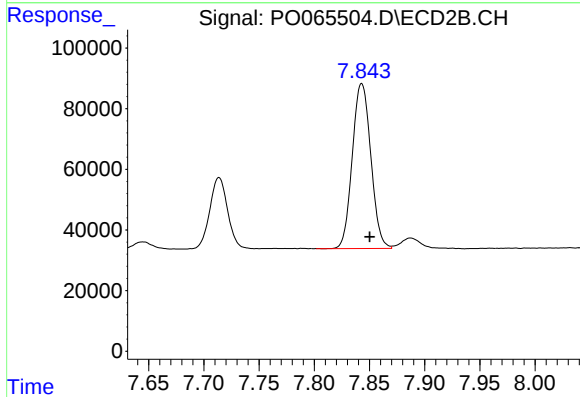
R.T.: 7.350 min
Delta R.T.: -0.008 min
Response: 1752611
Conc: 509.63 ng/ml



#40 AR-1262-5

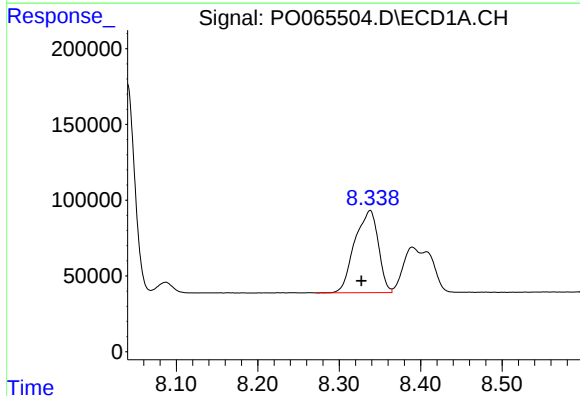
R.T.: 9.004 min
Delta R.T.: -0.006 min
Response: 536153
Conc: 403.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



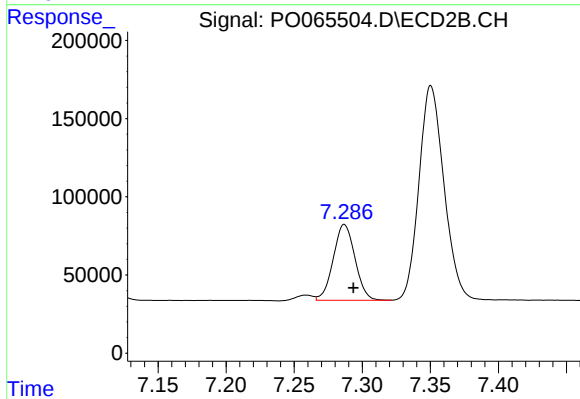
#40 AR-1262-5

R.T.: 7.843 min
Delta R.T.: -0.007 min
Response: 634950
Conc: 372.36 ng/ml



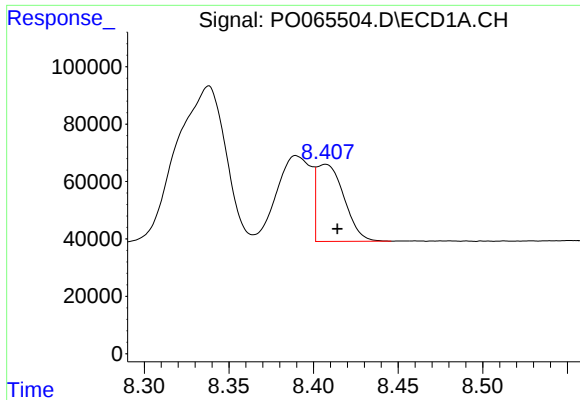
#41 AR-1268-1

R.T.: 8.338 min
Delta R.T.: 0.011 min
Response: 1091699
Conc: 268.35 ng/ml



#41 AR-1268-1

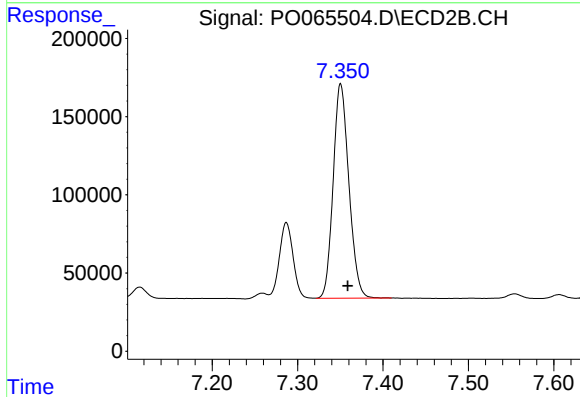
R.T.: 7.287 min
Delta R.T.: -0.007 min
Response: 539766
Conc: 101.63 ng/ml



#42 AR-1268-2

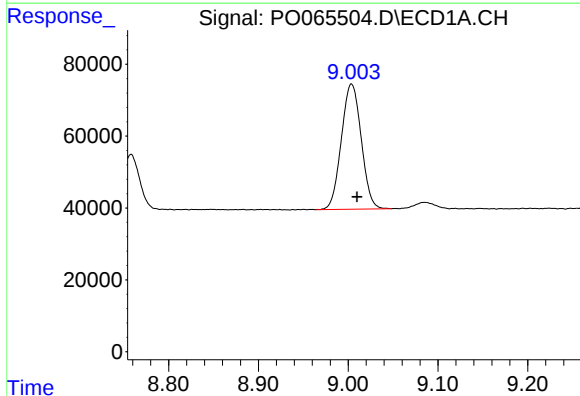
R.T.: 8.407 min
Delta R.T.: -0.007 min
Response: 303327
Conc: 78.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



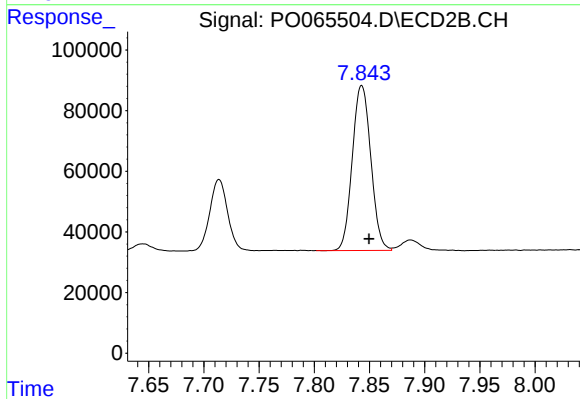
#42 AR-1268-2

R.T.: 7.350 min
Delta R.T.: -0.008 min
Response: 1752611
Conc: 345.03 ng/ml



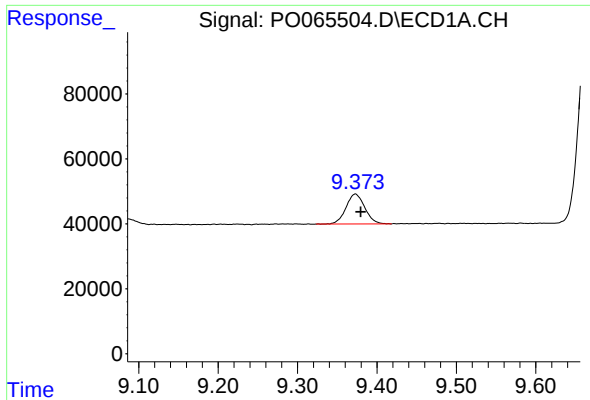
#44 AR-1268-4

R.T.: 9.004 min
Delta R.T.: -0.006 min
Response: 536153
Conc: 349.04 ng/ml



#44 AR-1268-4

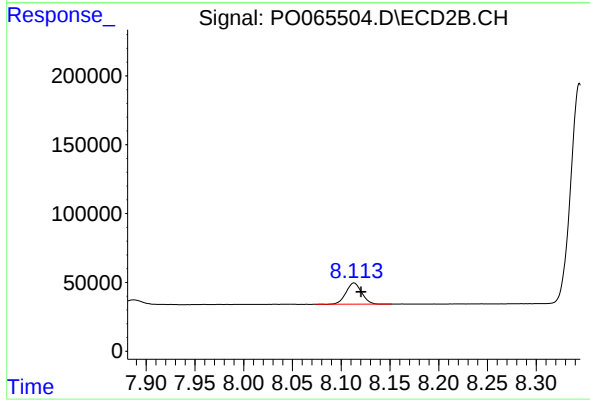
R.T.: 7.843 min
Delta R.T.: -0.007 min
Response: 634950
Conc: 320.81 ng/ml



#45 AR-1268-5

R.T.: 9.373 min
Delta R.T.: -0.007 min
Response: 152616
Conc: 13.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.113 min
Delta R.T.: -0.007 min
Response: 173251
Conc: 12.05 ng/ml