

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060061.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 4:29
 Operator : SM/AJ
 Sample : PB122649BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB122649BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 05:12:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.120	3.498	1092423	970268	31.201	26.955
2)	SA Decachlor...	9.581	8.352	1094159	858696	20.567	21.296
Target Compounds							
3)	L1 AR-1016-1	5.269	4.546	502256	367739	313.152	272.008
4)	L1 AR-1016-2	5.290	4.563	723982	542159	302.605	270.672
5)	L1 AR-1016-3	5.350	4.735	450368	249576	302.357	230.692
6)	L1 AR-1016-4	5.411	4.776	652	207451	0.539	229.738 #
7)	L1 AR-1016-5	5.735	4.984	-17280	296926	N.D.	257.764 #
8)	L2 AR-1221-1	4.418	3.702	60306	32745	142.409	81.580 #
9)	L2 AR-1221-2	4.418	3.787	60306	45739	185.675	150.150
10)	L2 AR-1221-3	4.492	3.859	233184	179231	221.686	183.179
11)	L3 AR-1232-1	4.492	3.859	233184	179231	187.081	157.202
12)	L3 AR-1232-2	5.006	4.563	342156	542159	484.368	425.699
13)	L3 AR-1232-3	5.290	4.735	723982	249576	472.769	366.533
14)	L3 AR-1232-4	5.534	4.845	78752	86721	100.721	142.153 #
15)	L3 AR-1232-5	5.578	4.984	316925	296926	527.215	436.183
16)	L4 AR-1242-1	5.290	4.563	723982	542159	570.281	527.054
17)	L4 AR-1242-2	5.290	4.563	723982	542159	390.149	355.961
18)	L4 AR-1242-3	5.350	4.735	450368	249576	385.312	298.714
19)	L4 AR-1242-4	5.534	4.845	78752	86721	81.366	103.935 #
20)	L4 AR-1242-5	6.218	5.326	484	239142	0.385	213.786 #
21)	L5 AR-1248-1	5.269	4.546	502256	367739	500.978	444.116
22)	L5 AR-1248-2	5.534	4.776	78752	207451	54.278	179.904 #
23)	L5 AR-1248-3	5.685	4.816	783	265038	0.471	223.143 #
24)	L5 AR-1248-4	6.133	4.984	60673	296926	29.682	204.342 #
25)	L5 AR-1248-5	6.171	5.326	51818	239142	26.130	167.082 #
26)	L6 AR-1254-1	6.104	5.326	295760	239142	141.755	100.827 #
27)	L6 AR-1254-2	6.318	5.471	324731	221339	97.334	105.485
28)	L6 AR-1254-3	6.685	5.877	162309	400039	45.741	118.971 #
29)	L6 AR-1254-4	6.966	6.093	112311	34680	38.129	16.820 #
30)	L6 AR-1254-5	7.382	6.499	966865	722845	312.659	232.802 #
31)	L7 AR-1260-1	6.842	5.991	707907	561252	262.594	246.281
32)	L7 AR-1260-2	7.097	6.178	850630	686490	229.251	234.307
33)	L7 AR-1260-3	7.451	6.327	602237	621468	183.814	234.593 #
34)	L7 AR-1260-4	7.677	6.789	642846	450144	209.306	198.952
35)	L7 AR-1260-5	7.985	7.032	1286938	1065855	181.748	193.675
36)	L8 AR-1262-1	7.508	6.533	332759	556003	68.569	149.160 #
37)	L8 AR-1262-2	8.029	7.032	172808	1065855	22.396	181.297 #
38)	L8 AR-1262-3	8.285	7.306	562045	231621	110.155	91.155
39)	L8 AR-1262-4	8.331	7.371	606443	723547	157.324	163.737
40)	L8 AR-1262-5	8.937	7.863	432019	223278	168.326	123.661 #
41)	L9 AR-1268-1	8.285	7.306	562045	231621	59.724	32.527 #

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Acq On : 30 Aug 2019 4:29
Operator : SM/AJ
Sample : PB122649BS
Misc :
ALS Vial : 57 Sample Multiplier: 1

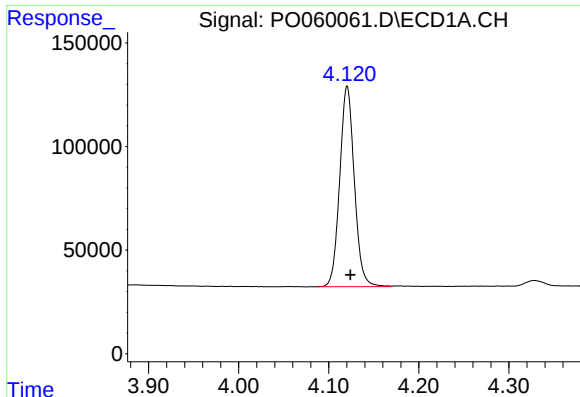
Instrument :
ECD_O
ClientSampleId :
PB122649BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 05:12:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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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	8.331	7.371	606443	723547	76.934	112.213 #
43)	L9 AR-1268-3	8.646	7.565	229136	21903	32.507	4.003 #
44)	L9 AR-1268-4	8.937	7.863	432019	223278	155.400	109.381 #
45)	L9 AR-1268-5	9.353	8.129	6955	84203	0.377	5.795 #

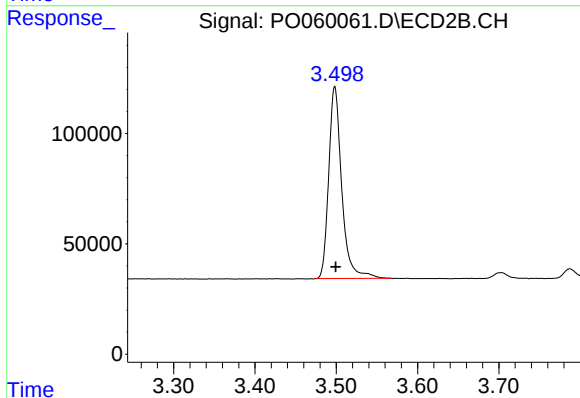
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

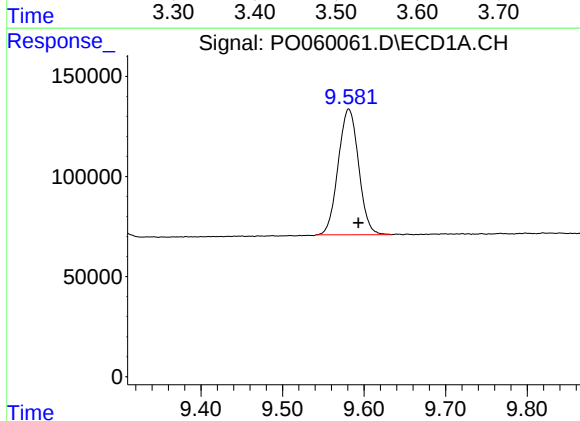
R.T.: 4.120 min
Delta R.T.: -0.003 min
Response: 1092423
Conc: 31.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



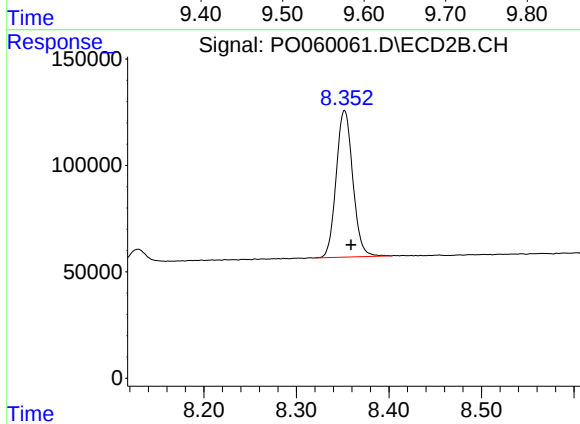
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.001 min
Response: 970268
Conc: 26.96 ng/ml



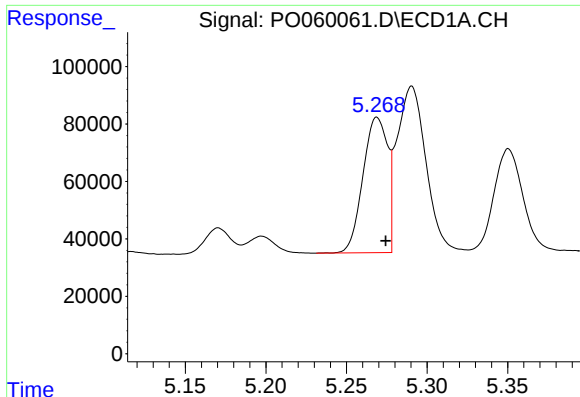
#2 Decachlorobiphenyl

R.T.: 9.581 min
Delta R.T.: -0.012 min
Response: 1094159
Conc: 20.57 ng/ml



#2 Decachlorobiphenyl

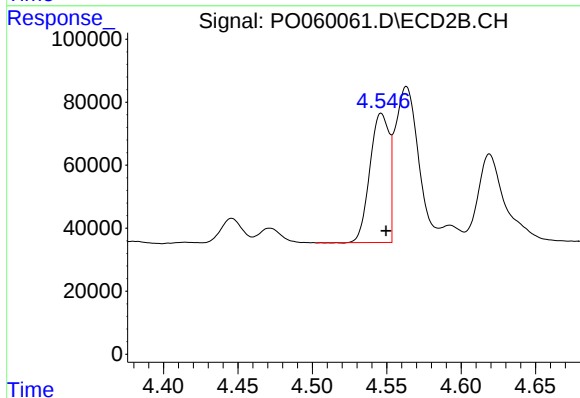
R.T.: 8.352 min
Delta R.T.: -0.007 min
Response: 858696
Conc: 21.30 ng/ml



#3 AR-1016-1

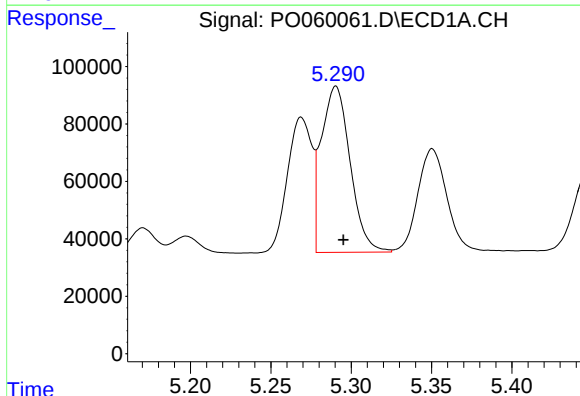
R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 502256
Conc: 313.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



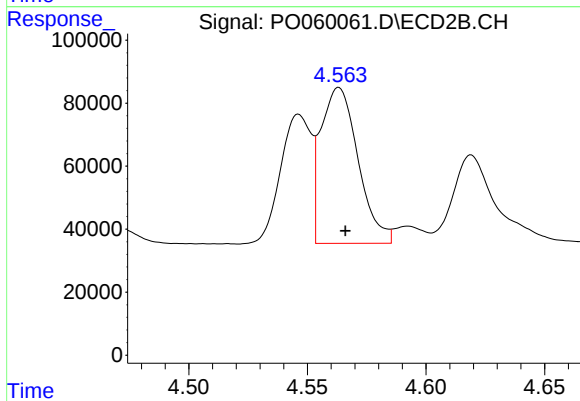
#3 AR-1016-1

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 367739
Conc: 272.01 ng/ml



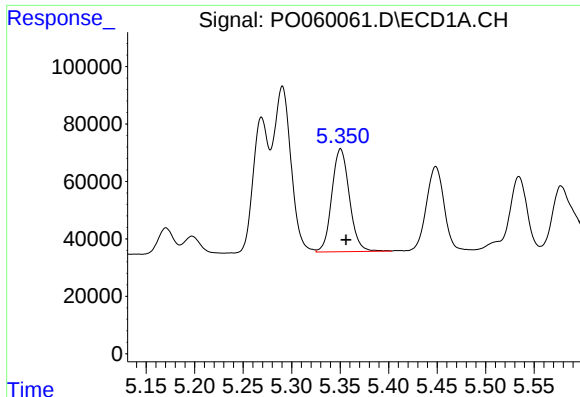
#4 AR-1016-2

R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 723982
Conc: 302.61 ng/ml



#4 AR-1016-2

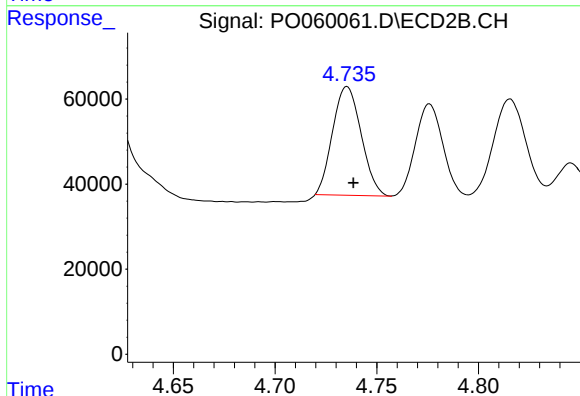
R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 542159
Conc: 270.67 ng/ml



#5 AR-1016-3

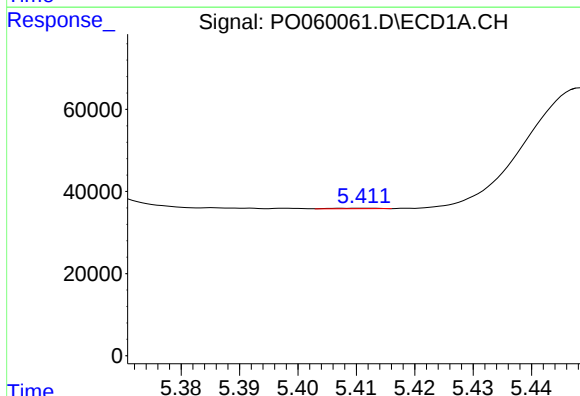
R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 450368
Conc: 302.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



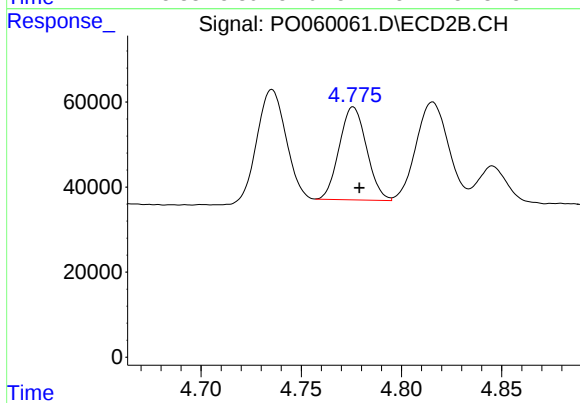
#5 AR-1016-3

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 249576
Conc: 230.69 ng/ml



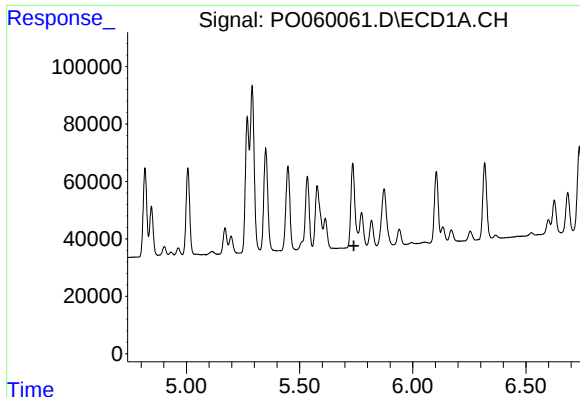
#6 AR-1016-4

R.T.: 5.411 min
Delta R.T.: -0.049 min
Response: 652
Conc: 0.54 ng/ml



#6 AR-1016-4

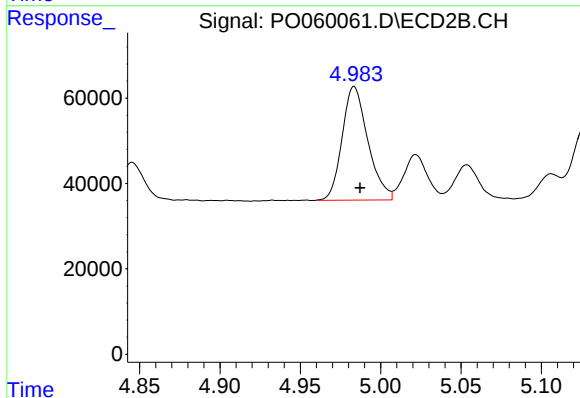
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 207451
Conc: 229.74 ng/ml



#7 AR-1016-5

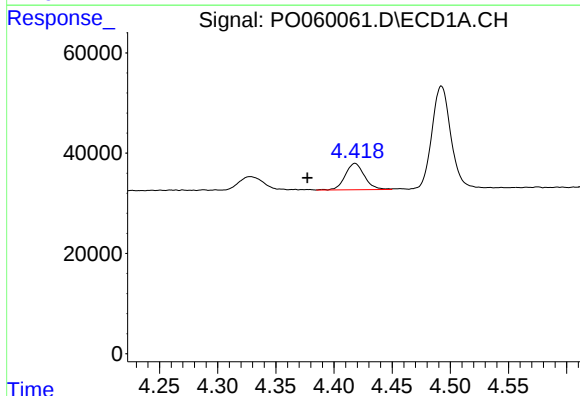
R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: -17280
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PB122649BS



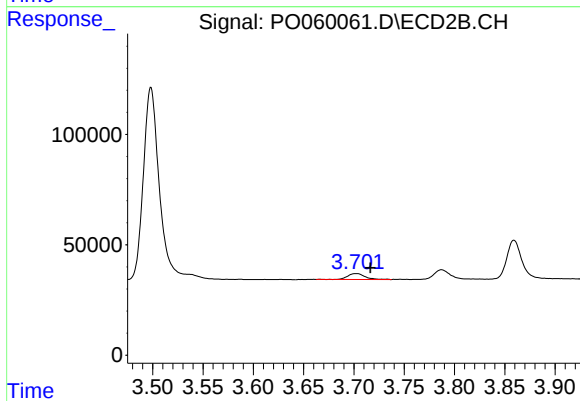
#7 AR-1016-5

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 296926
Conc: 257.76 ng/ml



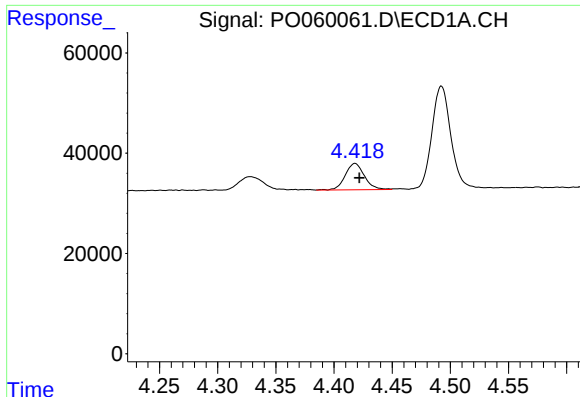
#8 AR-1221-1

R.T.: 4.418 min
Delta R.T.: 0.041 min
Response: 60306
Conc: 142.41 ng/ml



#8 AR-1221-1

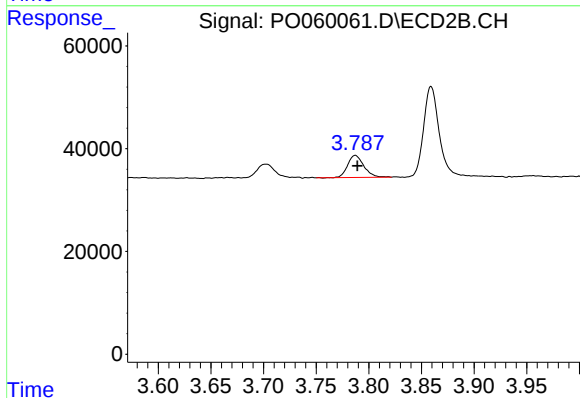
R.T.: 3.702 min
Delta R.T.: -0.014 min
Response: 32745
Conc: 81.58 ng/ml



#9 AR-1221-2

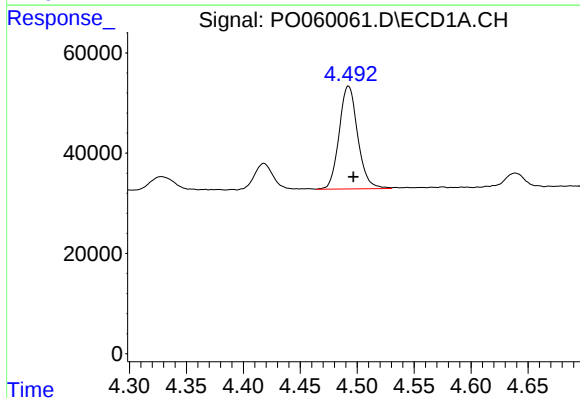
R.T.: 4.418 min
Delta R.T.: -0.004 min
Response: 60306
Conc: 185.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



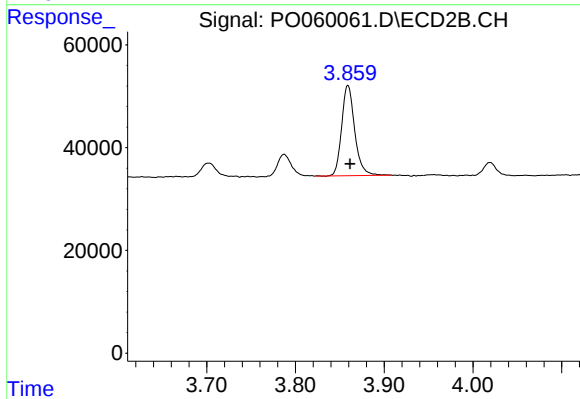
#9 AR-1221-2

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 45739
Conc: 150.15 ng/ml



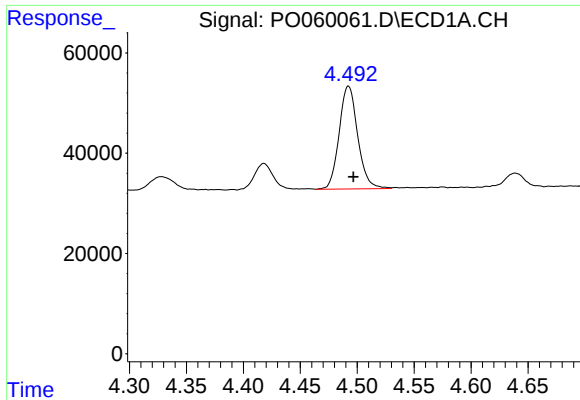
#10 AR-1221-3

R.T.: 4.492 min
Delta R.T.: -0.004 min
Response: 233184
Conc: 221.69 ng/ml



#10 AR-1221-3

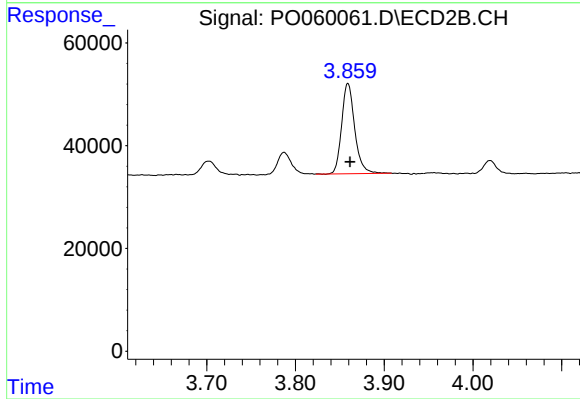
R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 179231
Conc: 183.18 ng/ml



#11 AR-1232-1

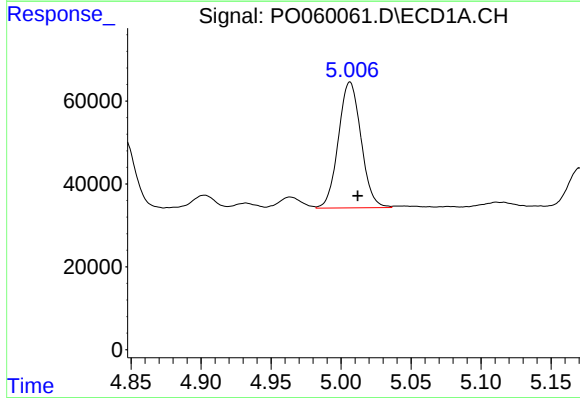
R.T.: 4.492 min
Delta R.T.: -0.004 min
Response: 233184
Conc: 187.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



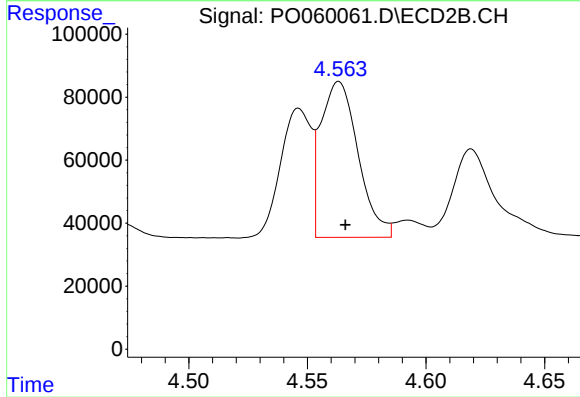
#11 AR-1232-1

R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 179231
Conc: 157.20 ng/ml



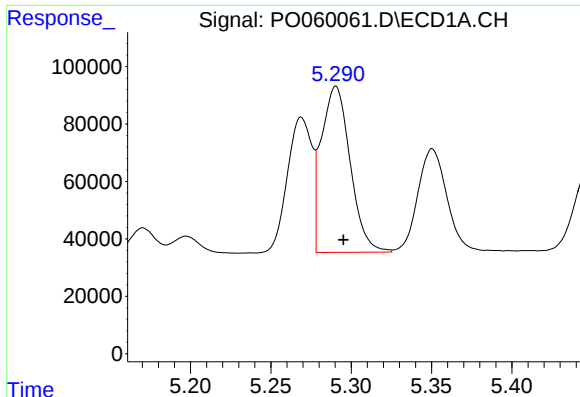
#12 AR-1232-2

R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 342156
Conc: 484.37 ng/ml



#12 AR-1232-2

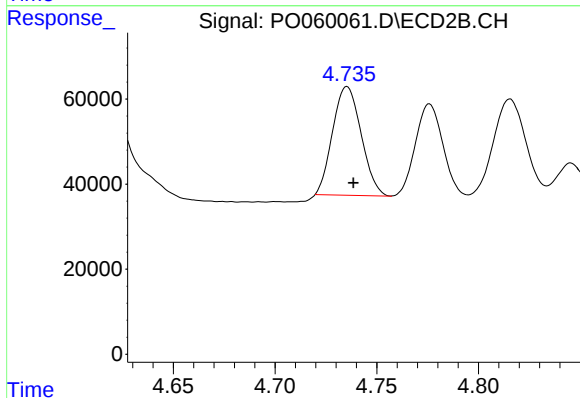
R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 542159
Conc: 425.70 ng/ml



#13 AR-1232-3

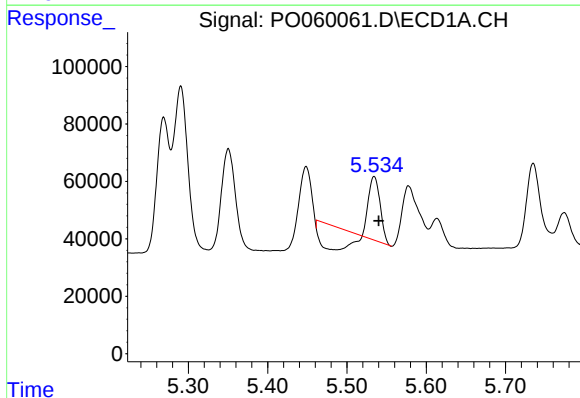
R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 723982
Conc: 472.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



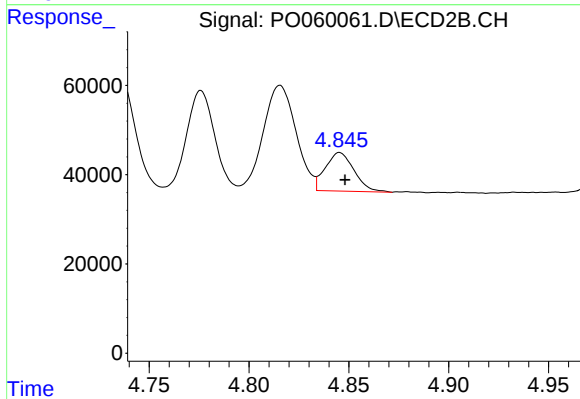
#13 AR-1232-3

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 249576
Conc: 366.53 ng/ml



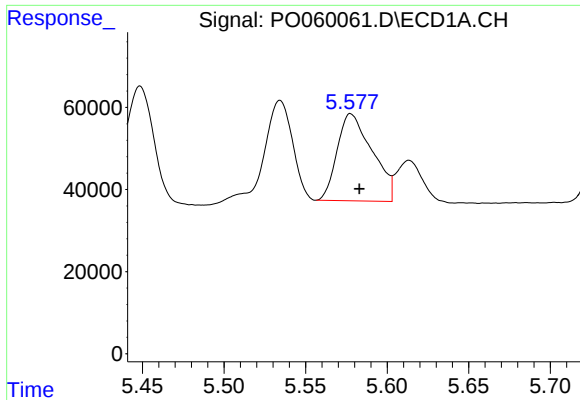
#14 AR-1232-4

R.T.: 5.534 min
Delta R.T.: -0.006 min
Response: 78752
Conc: 100.72 ng/ml



#14 AR-1232-4

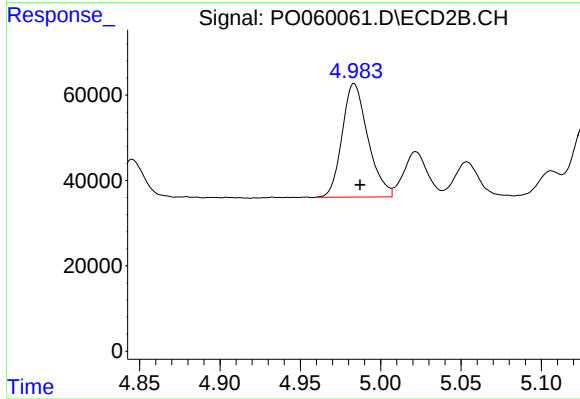
R.T.: 4.845 min
Delta R.T.: -0.003 min
Response: 86721
Conc: 142.15 ng/ml



#15 AR-1232-5

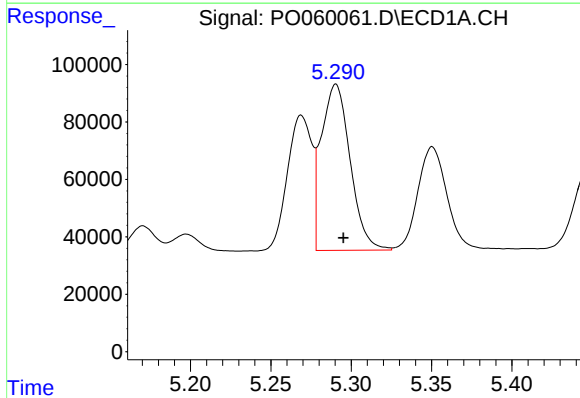
R.T.: 5.578 min
Delta R.T.: -0.005 min
Response: 316925
Conc: 527.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



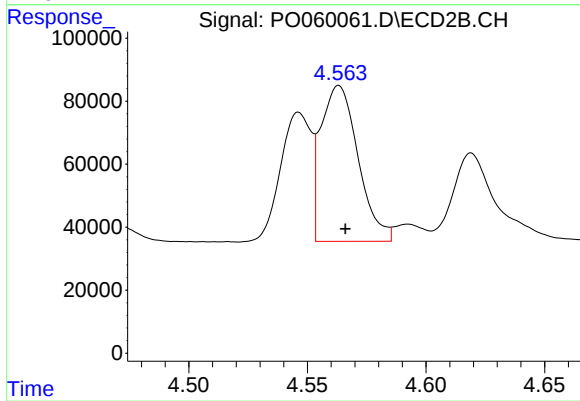
#15 AR-1232-5

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 296926
Conc: 436.18 ng/ml



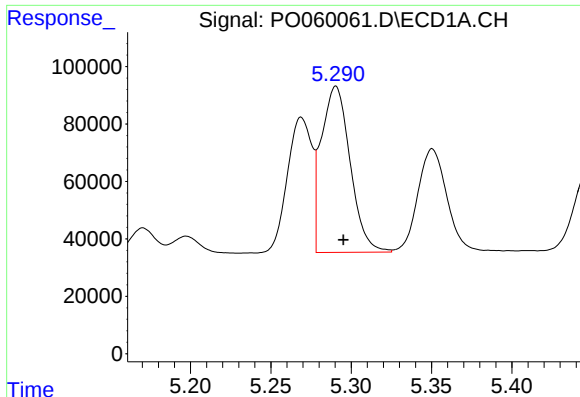
#16 AR-1242-1

R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 723982
Conc: 570.28 ng/ml



#16 AR-1242-1

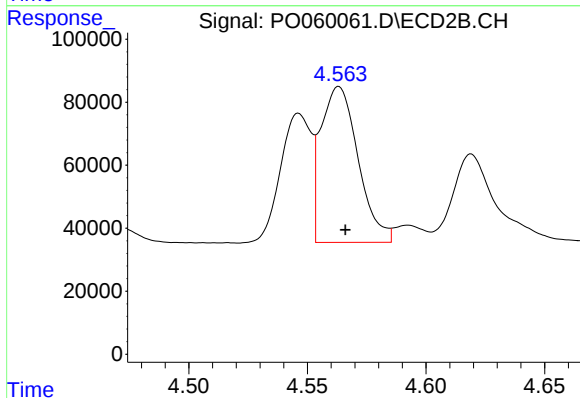
R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 542159
Conc: 527.05 ng/ml



#17 AR-1242-2

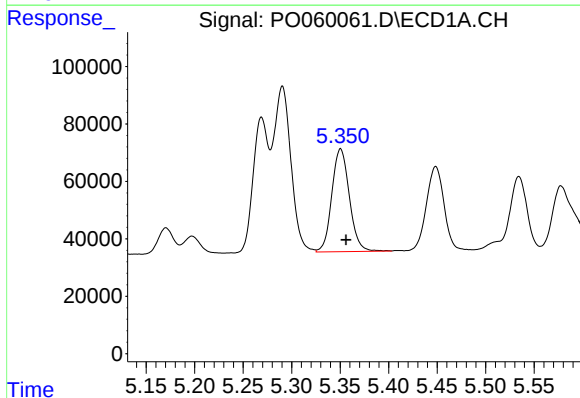
R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 723982
Conc: 390.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



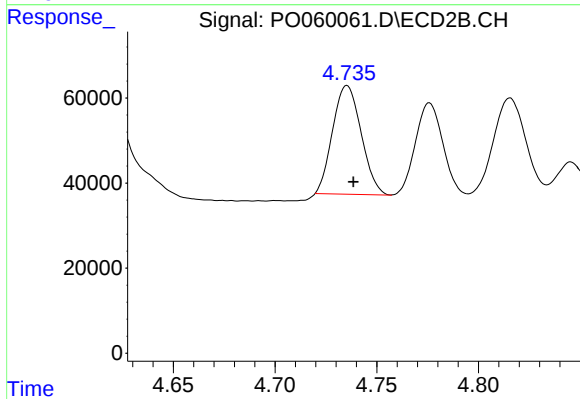
#17 AR-1242-2

R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 542159
Conc: 355.96 ng/ml



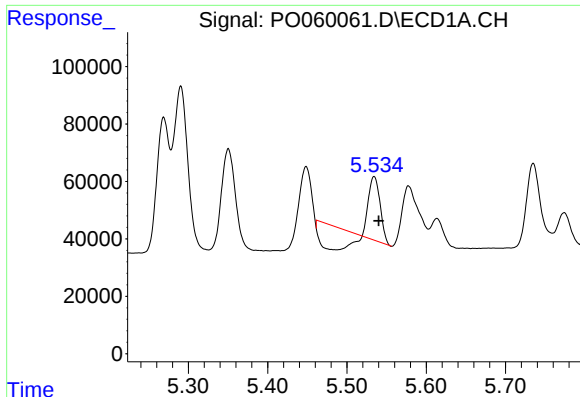
#18 AR-1242-3

R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 450368
Conc: 385.31 ng/ml



#18 AR-1242-3

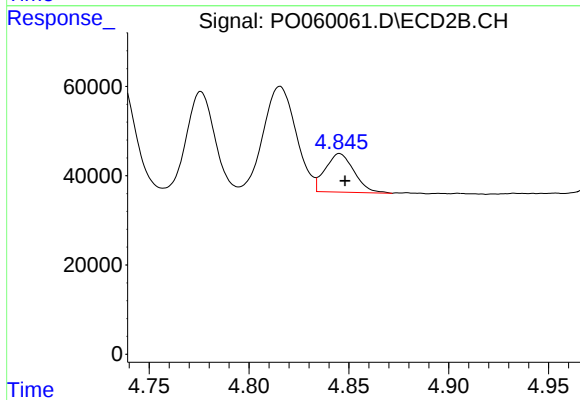
R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 249576
Conc: 298.71 ng/ml



#19 AR-1242-4

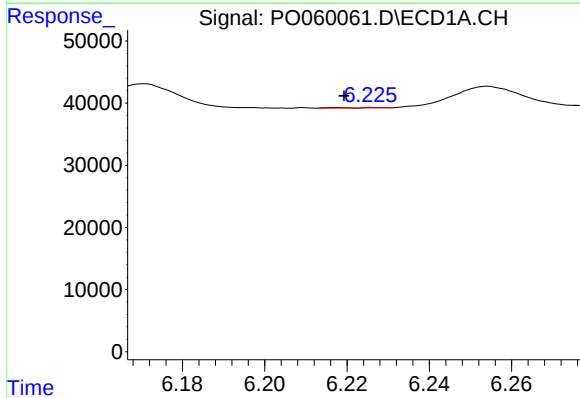
R.T.: 5.534 min
Delta R.T.: -0.006 min
Response: 78752
Conc: 81.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



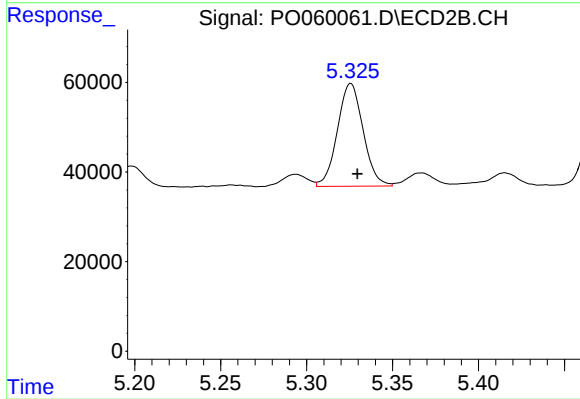
#19 AR-1242-4

R.T.: 4.845 min
Delta R.T.: -0.003 min
Response: 86721
Conc: 103.93 ng/ml



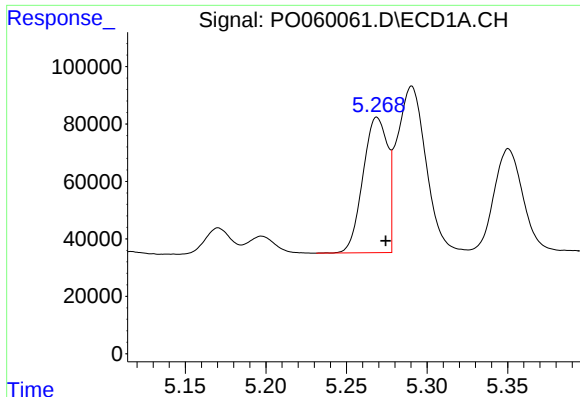
#20 AR-1242-5

R.T.: 6.218 min
Delta R.T.: -0.001 min
Response: 484
Conc: 0.39 ng/ml



#20 AR-1242-5

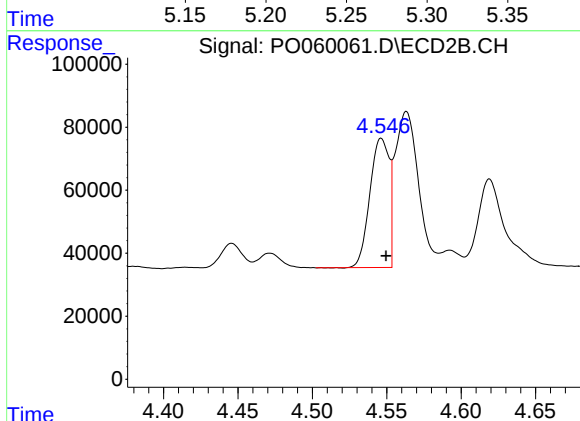
R.T.: 5.326 min
Delta R.T.: -0.004 min
Response: 239142
Conc: 213.79 ng/ml



#21 AR-1248-1

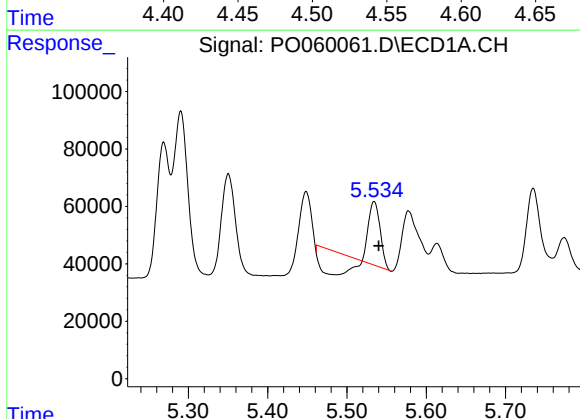
R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 502256
Conc: 500.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



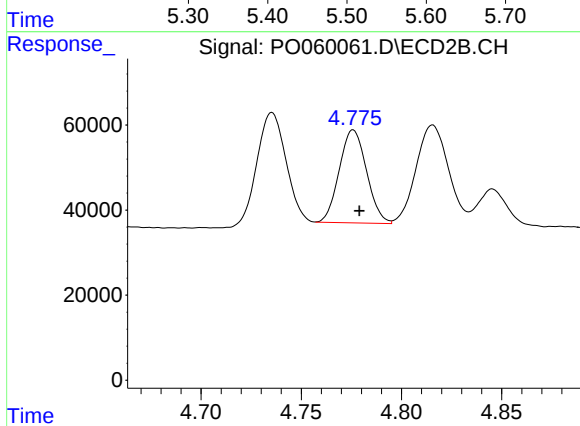
#21 AR-1248-1

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 367739
Conc: 444.12 ng/ml



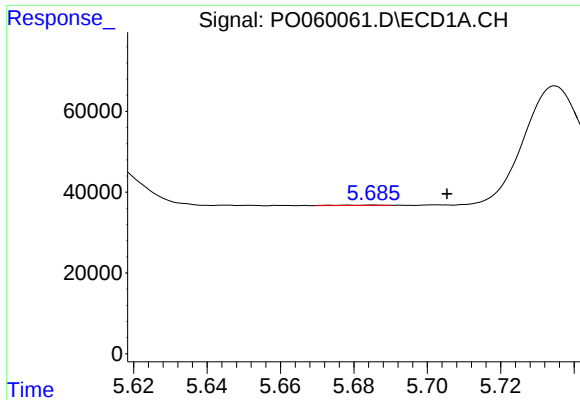
#22 AR-1248-2

R.T.: 5.534 min
Delta R.T.: -0.006 min
Response: 78752
Conc: 54.28 ng/ml



#22 AR-1248-2

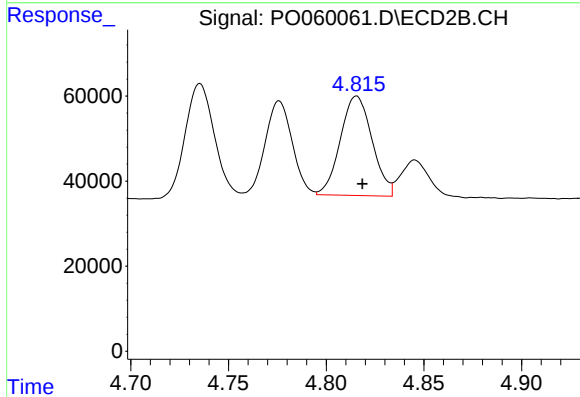
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 207451
Conc: 179.90 ng/ml



#23 AR-1248-3

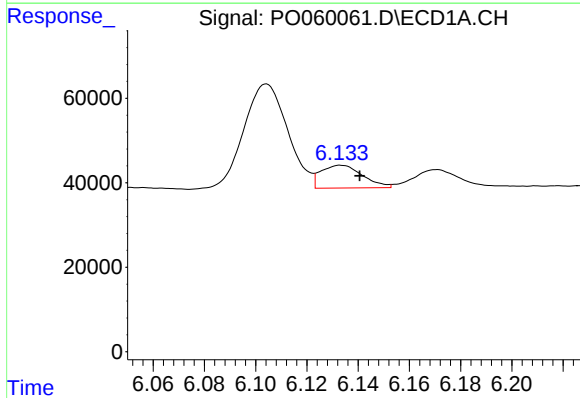
R.T.: 5.685 min
Delta R.T.: -0.020 min
Response: 783
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



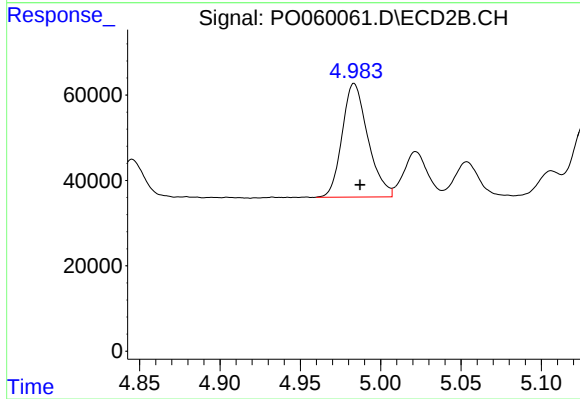
#23 AR-1248-3

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 265038
Conc: 223.14 ng/ml



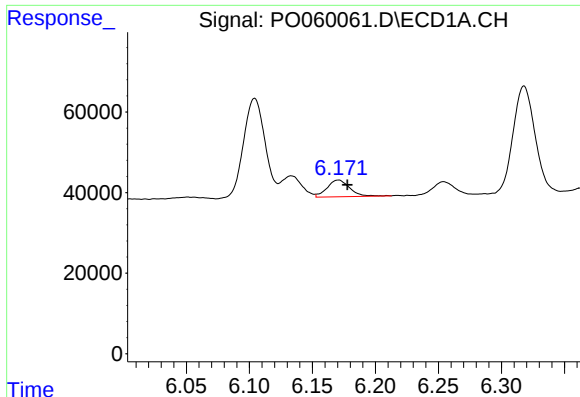
#24 AR-1248-4

R.T.: 6.133 min
Delta R.T.: -0.007 min
Response: 60673
Conc: 29.68 ng/ml



#24 AR-1248-4

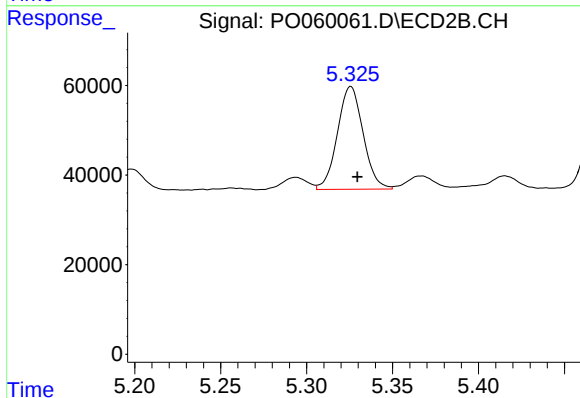
R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 296926
Conc: 204.34 ng/ml



#25 AR-1248-5

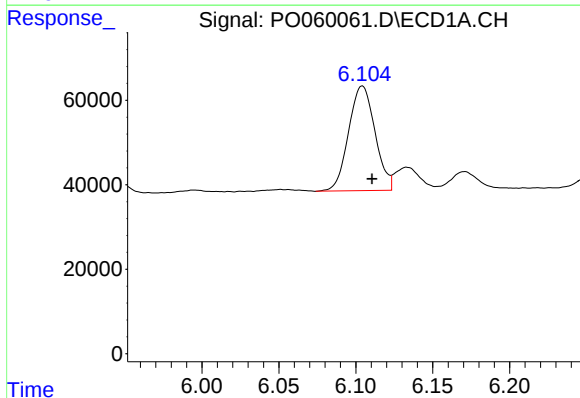
R.T.: 6.171 min
Delta R.T.: -0.007 min
Response: 51818
Conc: 26.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



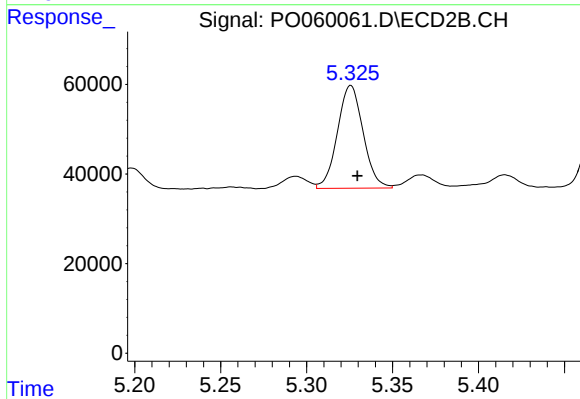
#25 AR-1248-5

R.T.: 5.326 min
Delta R.T.: -0.004 min
Response: 239142
Conc: 167.08 ng/ml



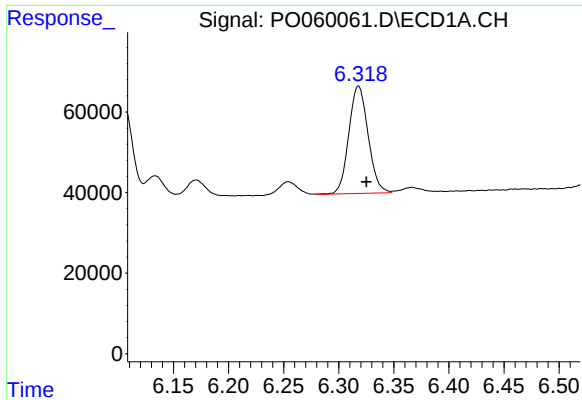
#26 AR-1254-1

R.T.: 6.104 min
Delta R.T.: -0.006 min
Response: 295760
Conc: 141.75 ng/ml



#26 AR-1254-1

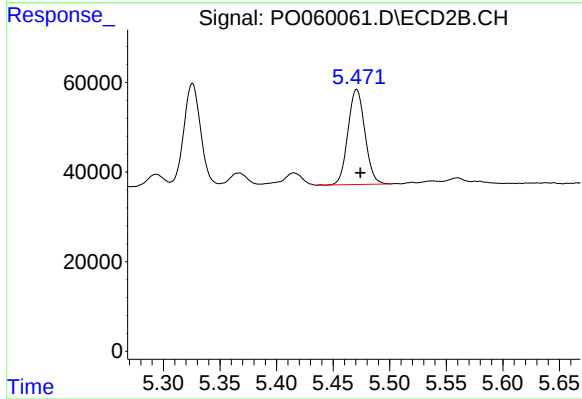
R.T.: 5.326 min
Delta R.T.: -0.004 min
Response: 239142
Conc: 100.83 ng/ml



#27 AR-1254-2

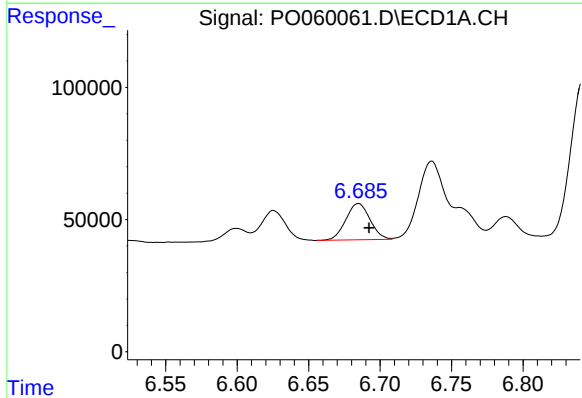
R.T.: 6.318 min
Delta R.T.: -0.007 min
Response: 324731
Conc: 97.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



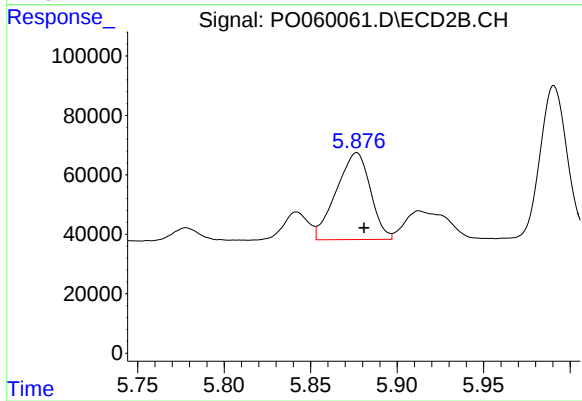
#27 AR-1254-2

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 221339
Conc: 105.48 ng/ml



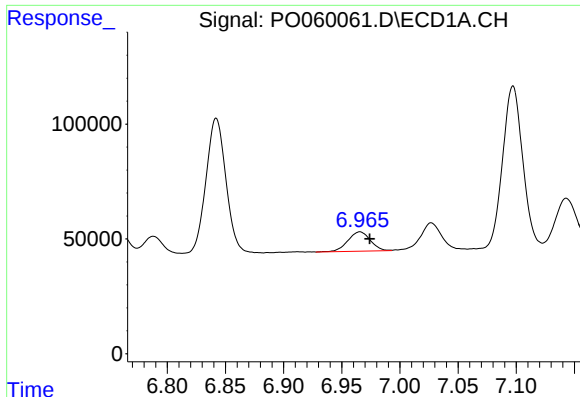
#28 AR-1254-3

R.T.: 6.685 min
Delta R.T.: -0.007 min
Response: 162309
Conc: 45.74 ng/ml



#28 AR-1254-3

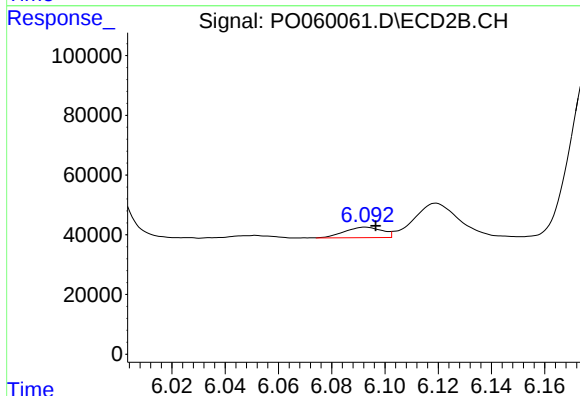
R.T.: 5.877 min
Delta R.T.: -0.004 min
Response: 400039
Conc: 118.97 ng/ml



#29 AR-1254-4

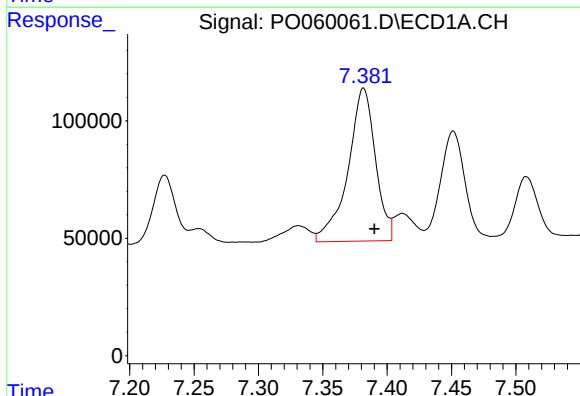
R.T.: 6.966 min
Delta R.T.: -0.008 min
Response: 112311
Conc: 38.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



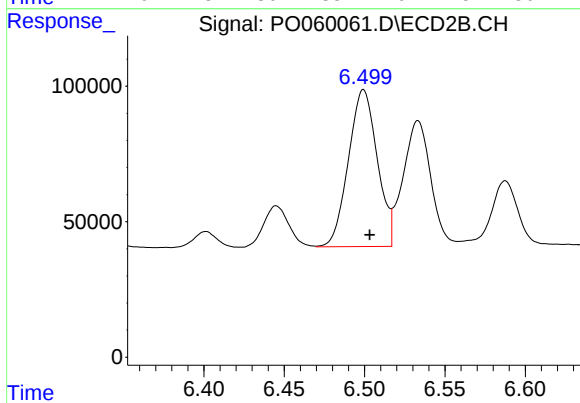
#29 AR-1254-4

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 34680
Conc: 16.82 ng/ml



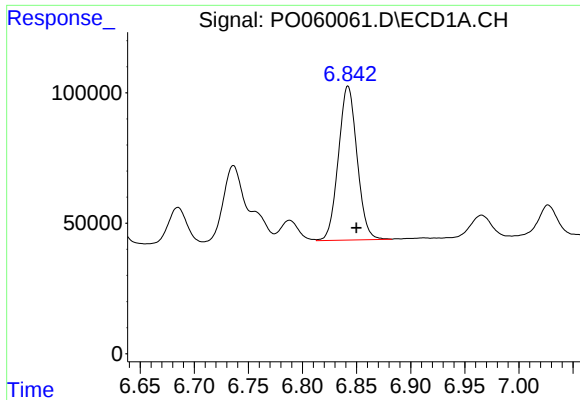
#30 AR-1254-5

R.T.: 7.382 min
Delta R.T.: -0.008 min
Response: 966865
Conc: 312.66 ng/ml



#30 AR-1254-5

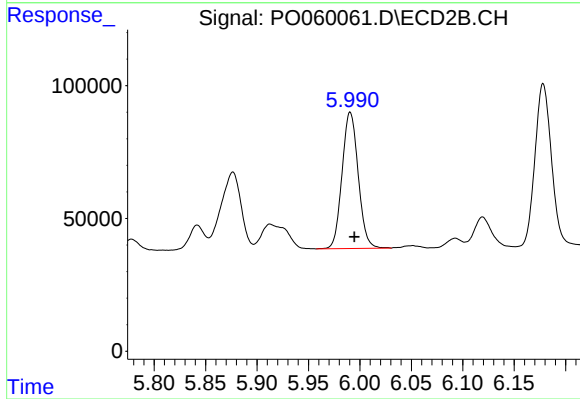
R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 722845
Conc: 232.80 ng/ml



#31 AR-1260-1

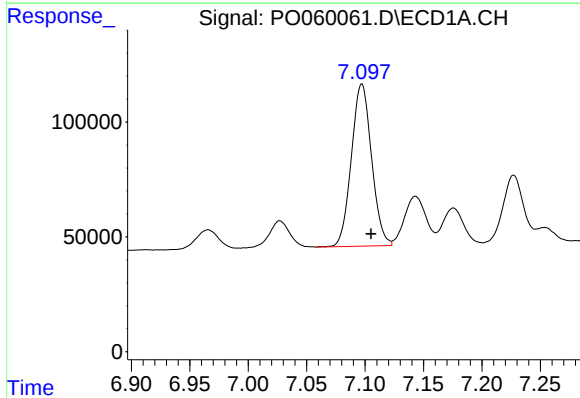
R.T.: 6.842 min
Delta R.T.: -0.008 min
Response: 707907
Conc: 262.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



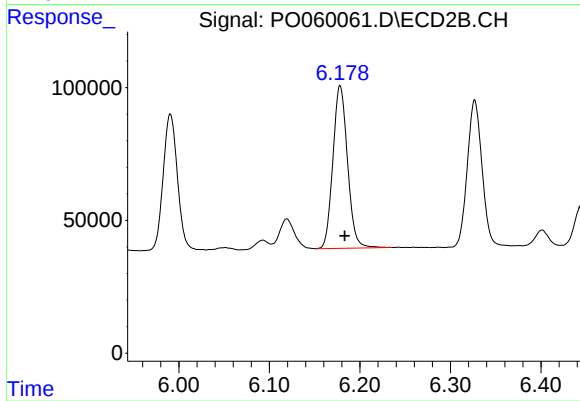
#31 AR-1260-1

R.T.: 5.991 min
Delta R.T.: -0.004 min
Response: 561252
Conc: 246.28 ng/ml



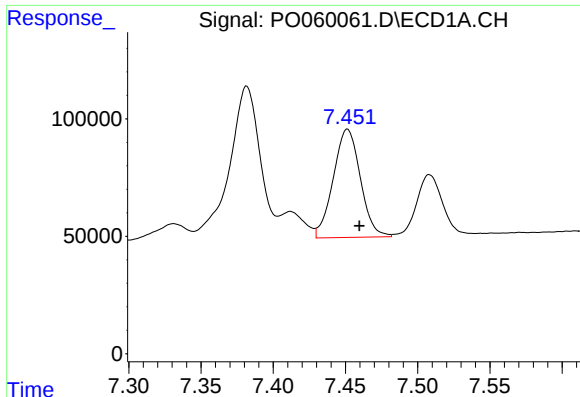
#32 AR-1260-2

R.T.: 7.097 min
Delta R.T.: -0.008 min
Response: 850630
Conc: 229.25 ng/ml



#32 AR-1260-2

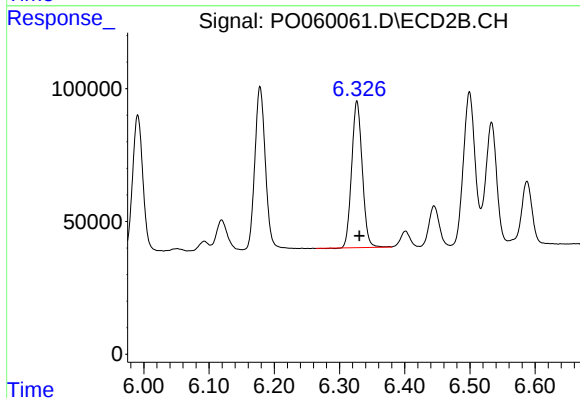
R.T.: 6.178 min
Delta R.T.: -0.005 min
Response: 686490
Conc: 234.31 ng/ml



#33 AR-1260-3

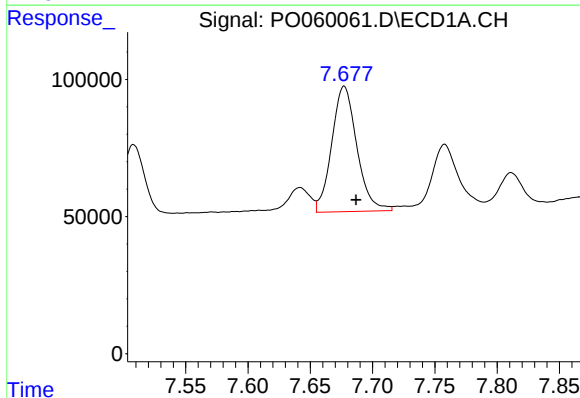
R.T.: 7.451 min
Delta R.T.: -0.008 min
Response: 602237
Conc: 183.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



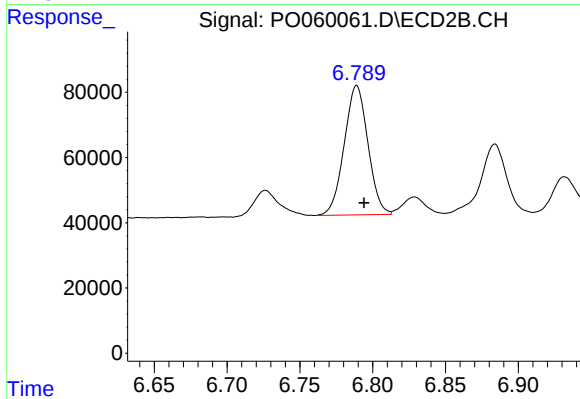
#33 AR-1260-3

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 621468
Conc: 234.59 ng/ml



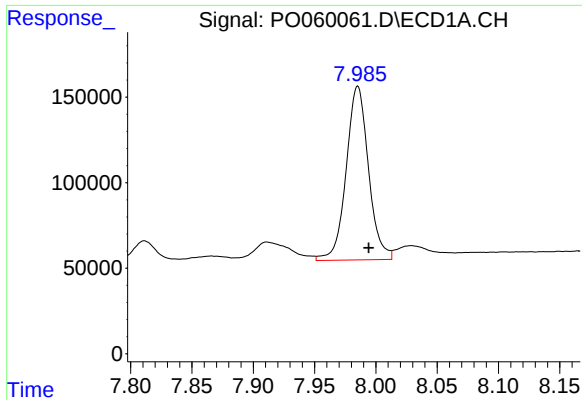
#34 AR-1260-4

R.T.: 7.677 min
Delta R.T.: -0.010 min
Response: 642846
Conc: 209.31 ng/ml



#34 AR-1260-4

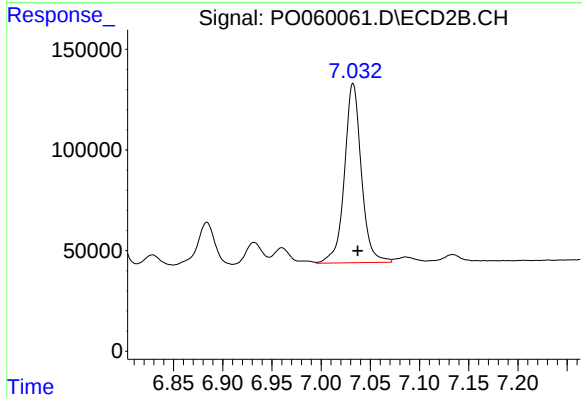
R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 450144
Conc: 198.95 ng/ml



#35 AR-1260-5

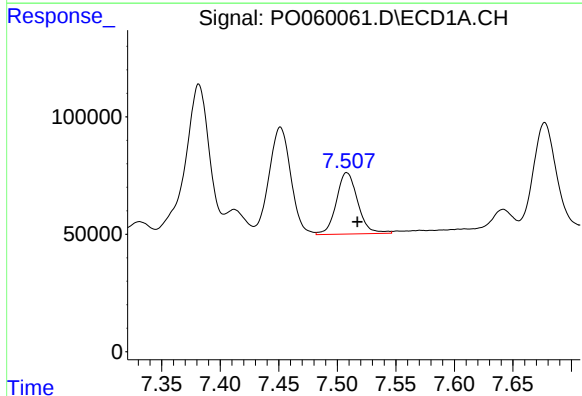
R.T.: 7.985 min
Delta R.T.: -0.009 min
Response: 1286938
Conc: 181.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



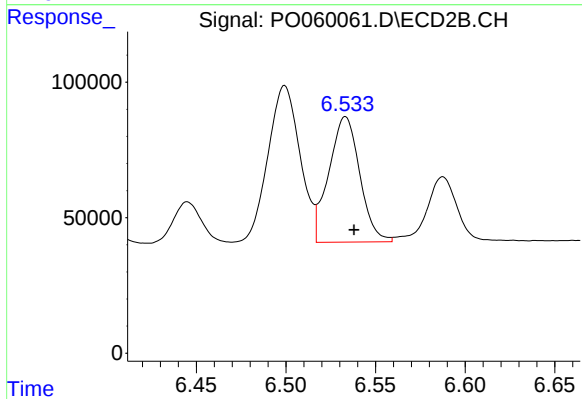
#35 AR-1260-5

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 1065855
Conc: 193.68 ng/ml



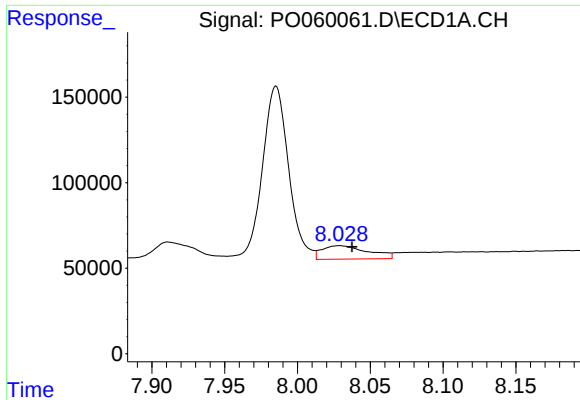
#36 AR-1262-1

R.T.: 7.508 min
Delta R.T.: -0.009 min
Response: 332759
Conc: 68.57 ng/ml



#36 AR-1262-1

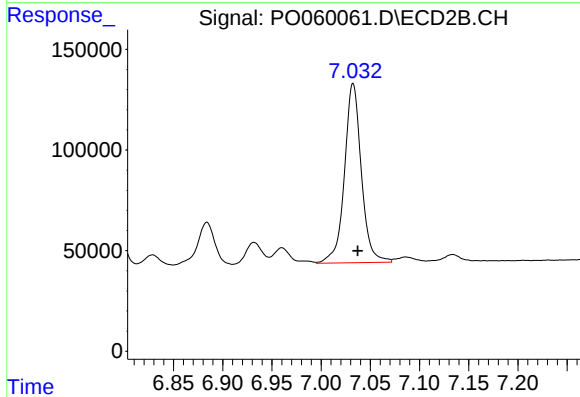
R.T.: 6.533 min
Delta R.T.: -0.005 min
Response: 556003
Conc: 149.16 ng/ml



#37 AR-1262-2

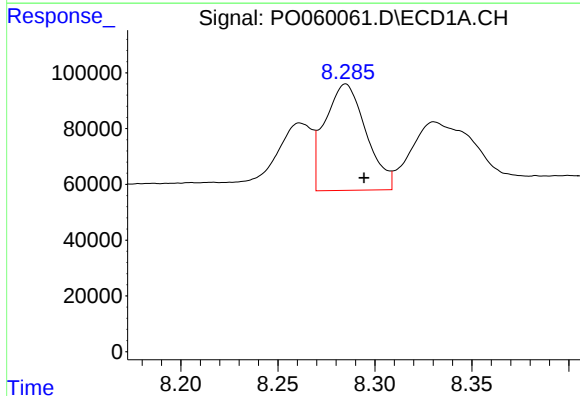
R.T.: 8.029 min
Delta R.T.: -0.009 min
Response: 172808
Conc: 22.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



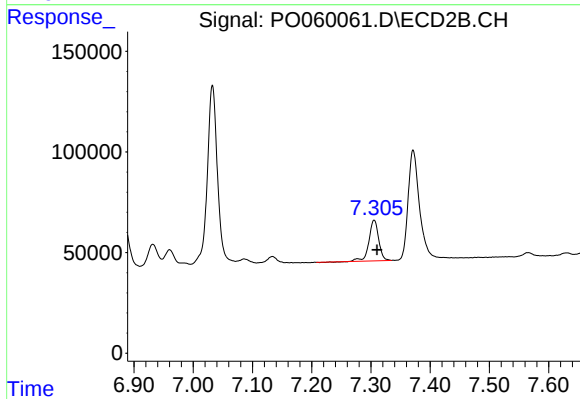
#37 AR-1262-2

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 1065855
Conc: 181.30 ng/ml



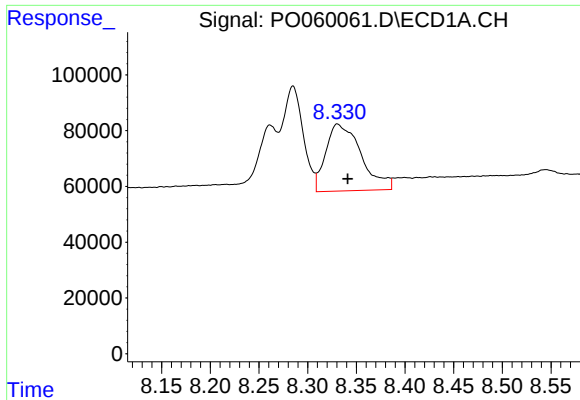
#38 AR-1262-3

R.T.: 8.285 min
Delta R.T.: -0.009 min
Response: 562045
Conc: 110.16 ng/ml



#38 AR-1262-3

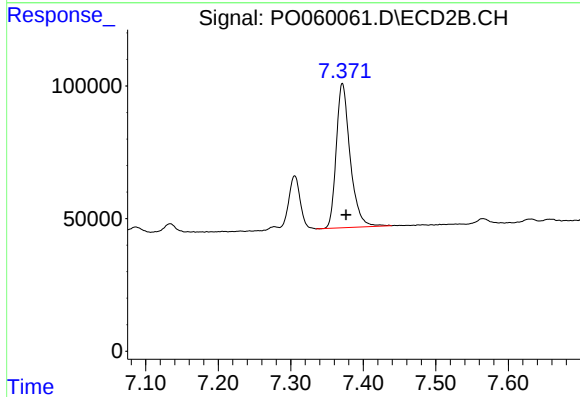
R.T.: 7.306 min
Delta R.T.: -0.005 min
Response: 231621
Conc: 91.15 ng/ml



#39 AR-1262-4

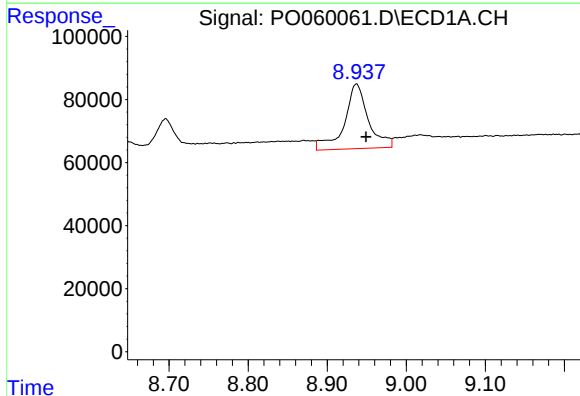
R.T.: 8.331 min
Delta R.T.: -0.011 min
Response: 606443
Conc: 157.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



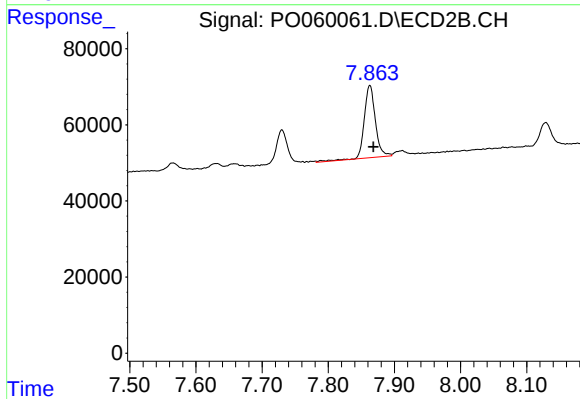
#39 AR-1262-4

R.T.: 7.371 min
Delta R.T.: -0.005 min
Response: 723547
Conc: 163.74 ng/ml



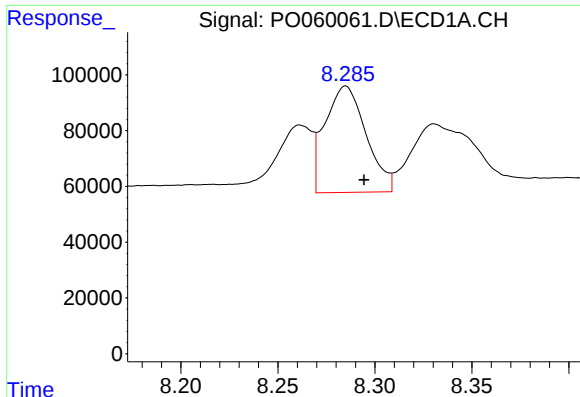
#40 AR-1262-5

R.T.: 8.937 min
Delta R.T.: -0.012 min
Response: 432019
Conc: 168.33 ng/ml



#40 AR-1262-5

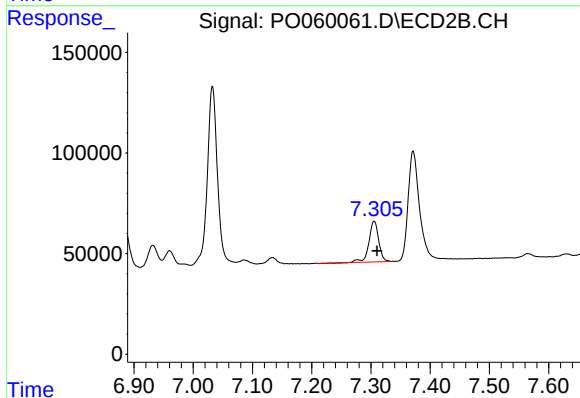
R.T.: 7.863 min
Delta R.T.: -0.005 min
Response: 223278
Conc: 123.66 ng/ml



#41 AR-1268-1

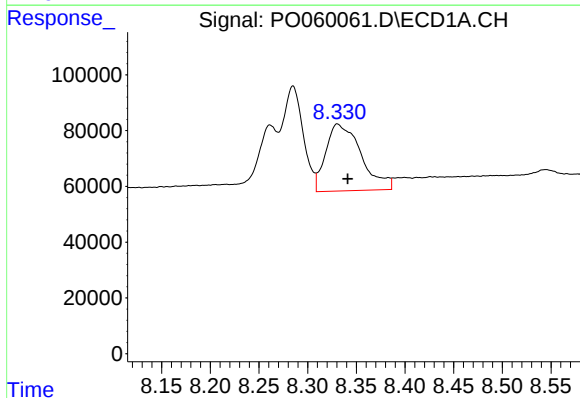
R.T.: 8.285 min
Delta R.T.: -0.009 min
Response: 562045
Conc: 59.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



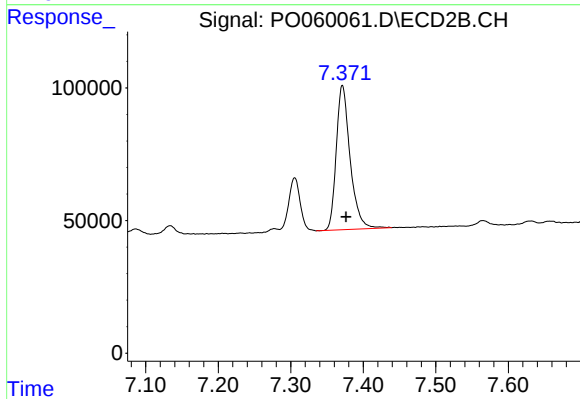
#41 AR-1268-1

R.T.: 7.306 min
Delta R.T.: -0.005 min
Response: 231621
Conc: 32.53 ng/ml



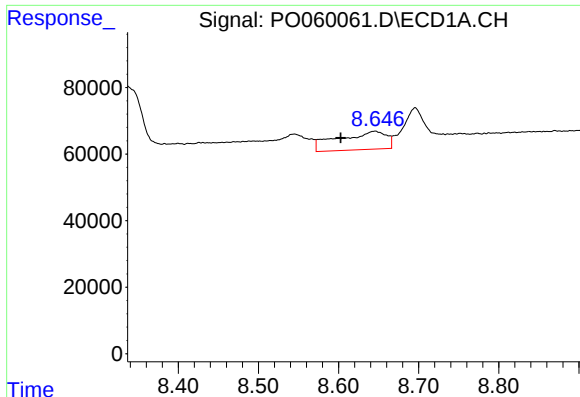
#42 AR-1268-2

R.T.: 8.331 min
Delta R.T.: -0.011 min
Response: 606443
Conc: 76.93 ng/ml



#42 AR-1268-2

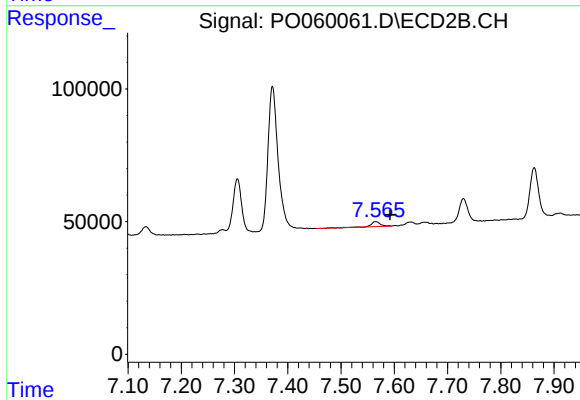
R.T.: 7.371 min
Delta R.T.: -0.005 min
Response: 723547
Conc: 112.21 ng/ml



#43 AR-1268-3

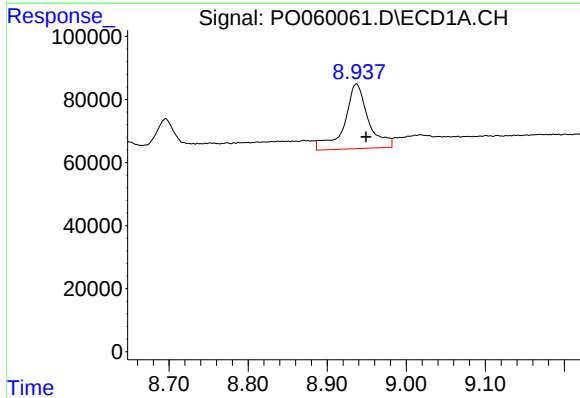
R.T.: 8.646 min
Delta R.T.: 0.043 min
Response: 229136
Conc: 32.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



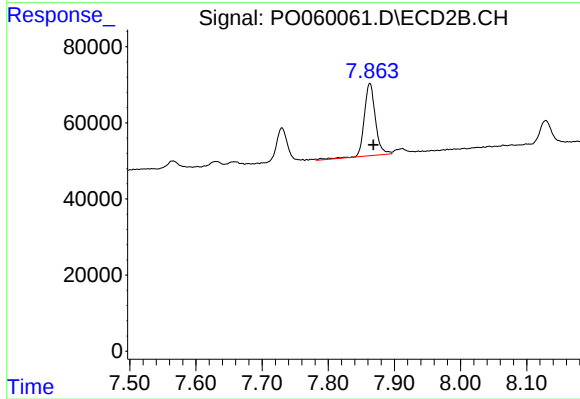
#43 AR-1268-3

R.T.: 7.565 min
Delta R.T.: -0.027 min
Response: 21903
Conc: 4.00 ng/ml



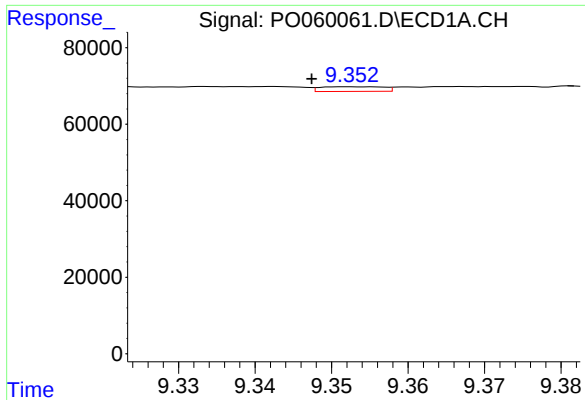
#44 AR-1268-4

R.T.: 8.937 min
Delta R.T.: -0.012 min
Response: 432019
Conc: 155.40 ng/ml



#44 AR-1268-4

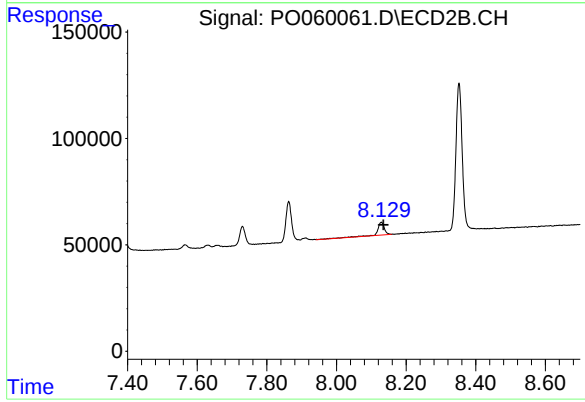
R.T.: 7.863 min
Delta R.T.: -0.005 min
Response: 223278
Conc: 109.38 ng/ml



#45 AR-1268-5

R.T.: 9.353 min
Delta R.T.: 0.006 min
Response: 6955
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB122649BS



#45 AR-1268-5

R.T.: 8.129 min
Delta R.T.: -0.006 min
Response: 84203
Conc: 5.80 ng/ml