

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090919\
 Data File : P0060593.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Sep 2019 2:27
 Operator : SM/AJ
 Sample : K4636-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 07:39:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Sep 08 02:12:04 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...	4.367	3.534	868809	691763	20.939	22.522
2)	SA Decachlor...	10.027	8.421	1045643	726489	19.823	19.625
Target Compounds							
3)	L1 AR-1016-1	5.555	4.612	123317	43832	75.793	34.905 #
4)	L1 AR-1016-2	5.555	4.612	123317	43832	52.587	25.086 #
5)	L1 AR-1016-3	5.555	4.790	123317	101594	84.710	106.839 #
6)	L1 AR-1016-4	5.689	4.821	104368	58947	84.891	71.524
7)	L1 AR-1016-5	6.005	5.055	85024	137035	68.930	128.974 #
9)	L2 AR-1221-2	4.671	3.823	10802	10071	30.943	33.671
10)	L2 AR-1221-3	4.732	3.941	46394	215677	40.620	235.705 #
11)	L3 AR-1232-1	4.732	3.941	46394	215677	37.550	220.605 #
12)	L3 AR-1232-2	5.219	4.612	115287	43832	169.092	41.595 #
13)	L3 AR-1232-3	5.555	4.790	123317	101594	87.953	179.404 #
14)	L3 AR-1232-4	5.689	4.882	104368	87614	142.732	161.102
15)	L3 AR-1232-5	5.805	5.055	32490	137035	62.145	229.679 #
16)	L4 AR-1242-1	5.555	4.612	123317	43832	102.361	47.679 #
17)	L4 AR-1242-2	5.555	4.612	123317	43832	71.304	34.171 #
18)	L4 AR-1242-3	5.555	4.790	123317	101594	112.000	142.286 #
19)	L4 AR-1242-4	5.689	4.882	104368	87614	115.935	116.852
20)	L4 AR-1242-5	6.469	5.373	135399	254345	124.220	260.489 #
21)	L5 AR-1248-1	5.555	4.575	123317	68834	134.390	95.226 #
22)	L5 AR-1248-2	5.805	4.821	32490	58947	24.252	60.192 #
23)	L5 AR-1248-3	6.005	4.882	85024	87614	56.729	85.847 #
24)	L5 AR-1248-4	6.417	5.055	286313	137035	162.787	112.703 #
25)	L5 AR-1248-5	6.469	5.407	135399	70367	80.939	57.838 #
26)	L6 AR-1254-1	6.378	5.373	287341	254345	157.558	134.052
27)	L6 AR-1254-2	6.602	5.515	363016	157294	125.257	92.040 #
28)	L6 AR-1254-3	6.966	5.911	760996	725852	238.620	258.810
29)	L6 AR-1254-4	7.249	6.135	207986	113208	86.613	63.367 #
30)	L6 AR-1254-5	7.665	6.547	1157950	1170424	425.673	446.044
31)	L7 AR-1260-1	7.127	6.039	845798	571887	338.359	278.099
32)	L7 AR-1260-2	7.380	6.224	1385942	495751	446.010	198.001 #
33)	L7 AR-1260-3	7.740	6.375	821556	481923	328.437	207.430 #
34)	L7 AR-1260-4	7.964	6.840	998807	535027	337.348	263.424
35)	L7 AR-1260-5	8.278	7.079	1281869	1198972	228.220	261.738
36)	L8 AR-1262-1	7.740	6.585	821556	704516	244.635	264.971
37)	L8 AR-1262-2	8.278	7.079	1281869	1198972	218.945	264.112
38)	L8 AR-1262-3	8.581	7.360	1059419	603694	264.749	318.471
39)	L8 AR-1262-4	8.670	7.422	849897	958129	279.866	279.397
40)	L8 AR-1262-5	9.305	7.910	509671	426915	254.091	273.041
41)	L9 AR-1268-1	8.581	7.360	1059419	603694	153.465	118.866
42)	L9 AR-1268-2	8.670	7.422	849897	958129	132.155	206.269 #

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Acq On : 10 Sep 2019 2:27
Operator : SM/AJ
Sample : K4636-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

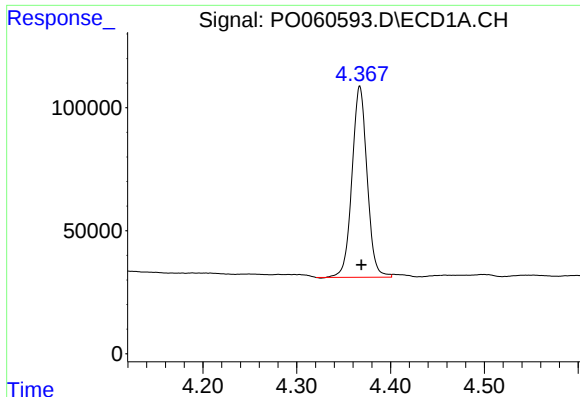
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 07:39:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
Quant Title : GC EXTRACTABLES
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Response via : Initial Calibration
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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
43)	L9 AR-1268-3	8.891	7.628	174393	158079	32.896	40.203
44)	L9 AR-1268-4	9.305	7.910	509671	426915	229.735	251.080
45)	L9 AR-1268-5	9.704	8.184	585186	465075	35.712	41.508

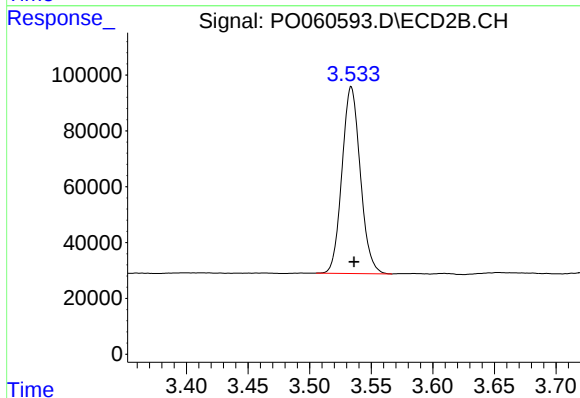
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

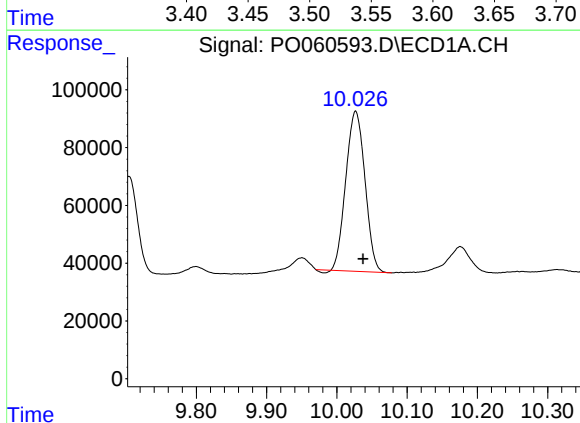
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 868809
Conc: 20.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



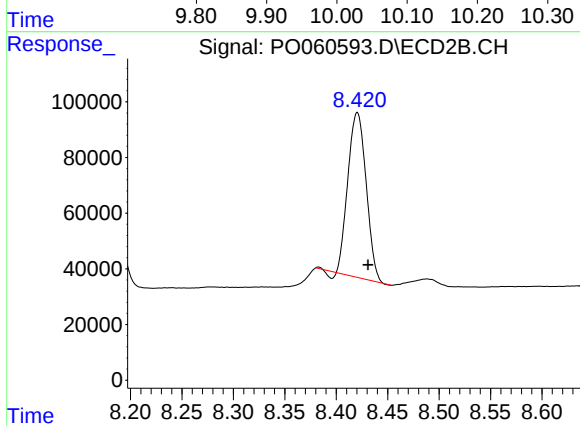
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.002 min
Response: 691763
Conc: 22.52 ng/ml



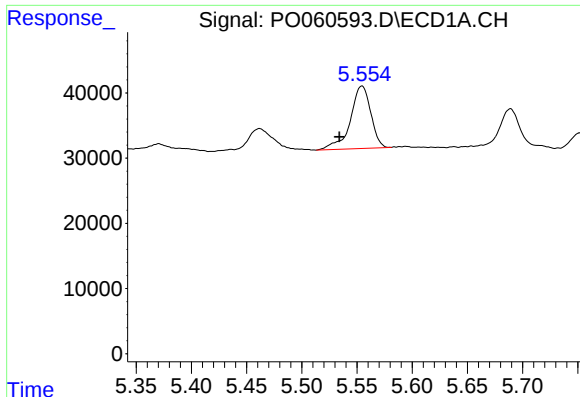
#2 Decachlorobiphenyl

R.T.: 10.027 min
Delta R.T.: -0.010 min
Response: 1045643
Conc: 19.82 ng/ml



#2 Decachlorobiphenyl

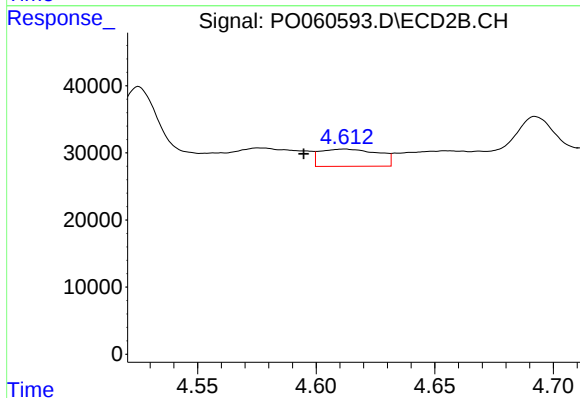
R.T.: 8.421 min
Delta R.T.: -0.011 min
Response: 726489
Conc: 19.63 ng/ml



#3 AR-1016-1

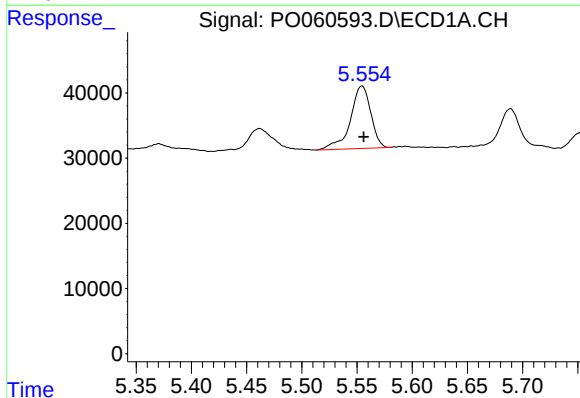
R.T.: 5.555 min
Delta R.T.: 0.021 min
Response: 123317
Conc: 75.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



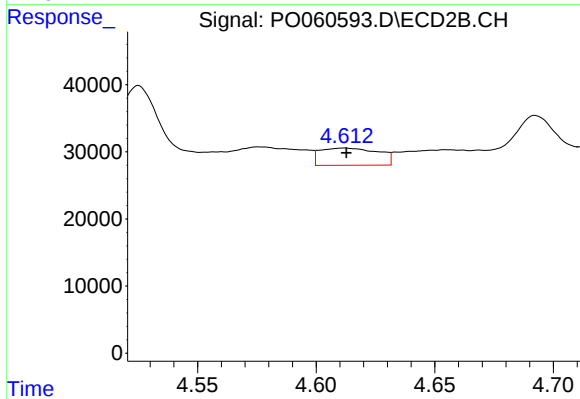
#3 AR-1016-1

R.T.: 4.612 min
Delta R.T.: 0.017 min
Response: 43832
Conc: 34.91 ng/ml



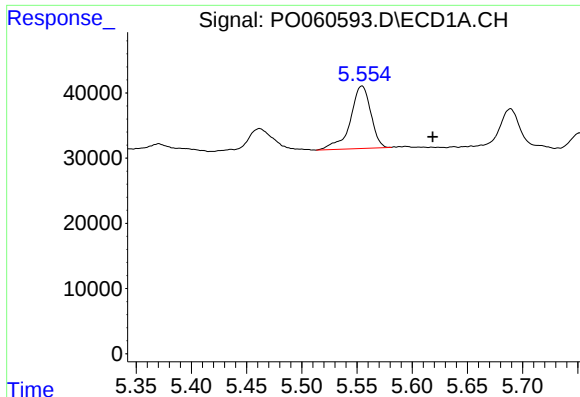
#4 AR-1016-2

R.T.: 5.555 min
Delta R.T.: -0.001 min
Response: 123317
Conc: 52.59 ng/ml



#4 AR-1016-2

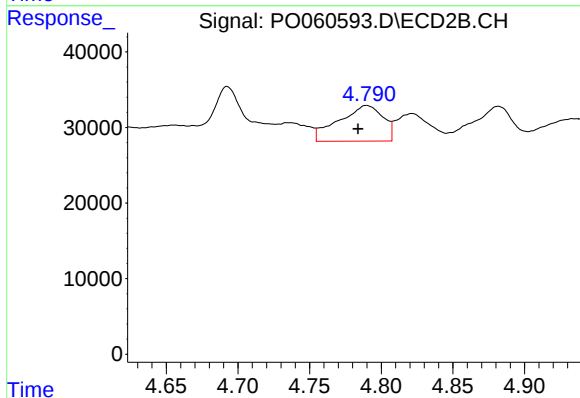
R.T.: 4.612 min
Delta R.T.: 0.000 min
Response: 43832
Conc: 25.09 ng/ml



#5 AR-1016-3

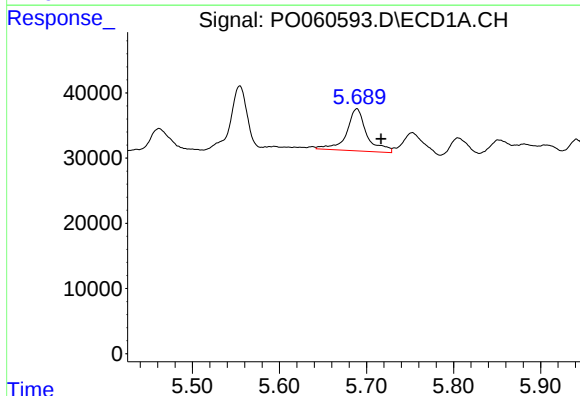
R.T.: 5.555 min
Delta R.T.: -0.064 min
Response: 123317
Conc: 84.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



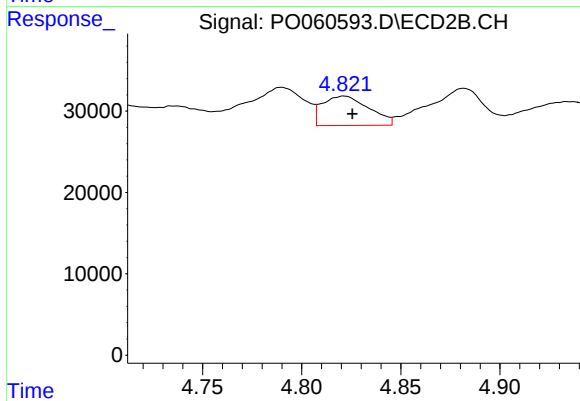
#5 AR-1016-3

R.T.: 4.790 min
Delta R.T.: 0.006 min
Response: 101594
Conc: 106.84 ng/ml



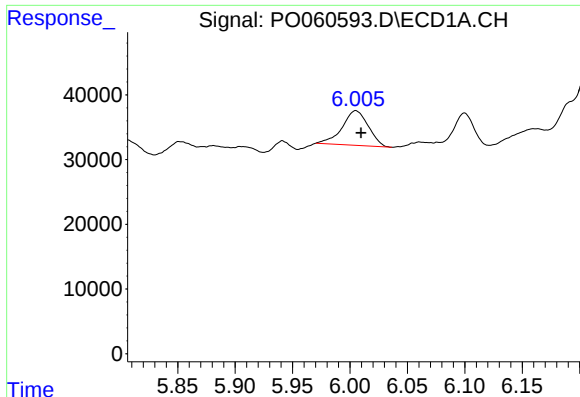
#6 AR-1016-4

R.T.: 5.689 min
Delta R.T.: -0.028 min
Response: 104368
Conc: 84.89 ng/ml



#6 AR-1016-4

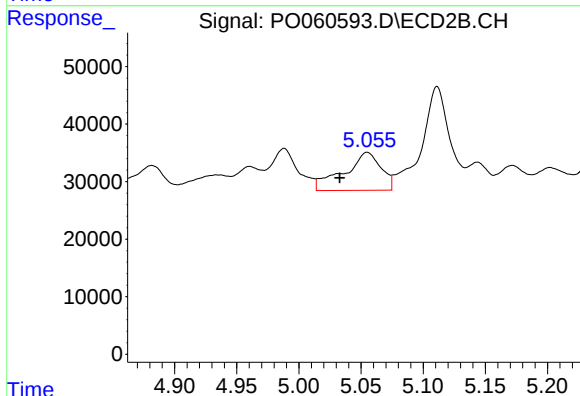
R.T.: 4.821 min
Delta R.T.: -0.004 min
Response: 58947
Conc: 71.52 ng/ml



#7 AR-1016-5

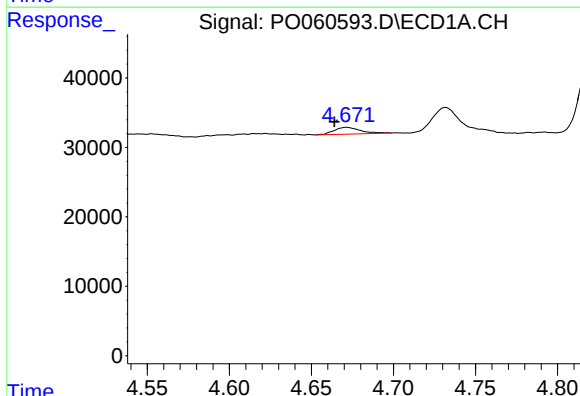
R.T.: 6.005 min
Delta R.T.: -0.005 min
Response: 85024
Conc: 68.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



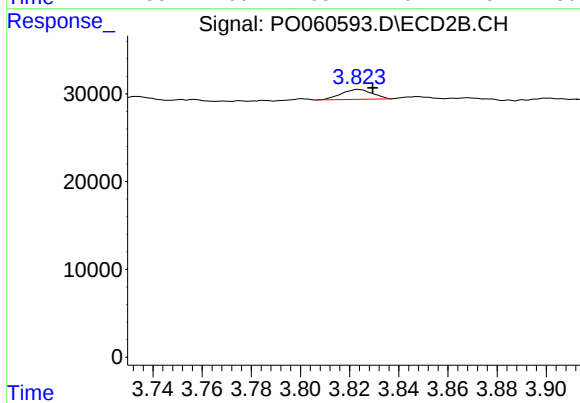
#7 AR-1016-5

R.T.: 5.055 min
Delta R.T.: 0.022 min
Response: 137035
Conc: 128.97 ng/ml



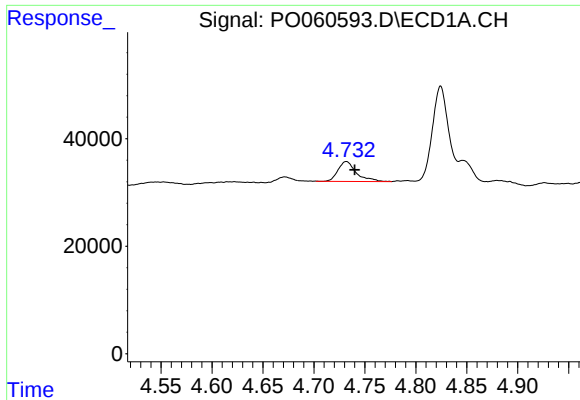
#9 AR-1221-2

R.T.: 4.671 min
Delta R.T.: 0.007 min
Response: 10802
Conc: 30.94 ng/ml



#9 AR-1221-2

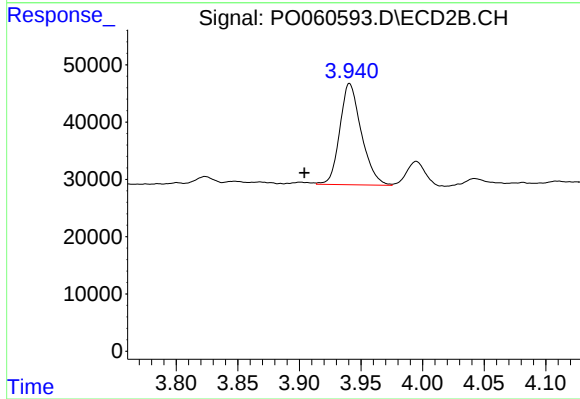
R.T.: 3.823 min
Delta R.T.: -0.006 min
Response: 10071
Conc: 33.67 ng/ml



#10 AR-1221-3

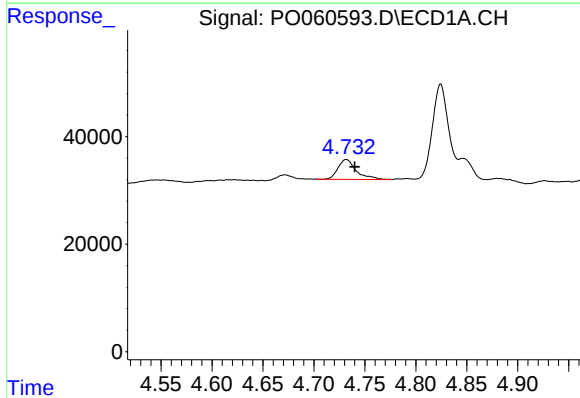
R.T.: 4.732 min
Delta R.T.: -0.008 min
Response: 46394
Conc: 40.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



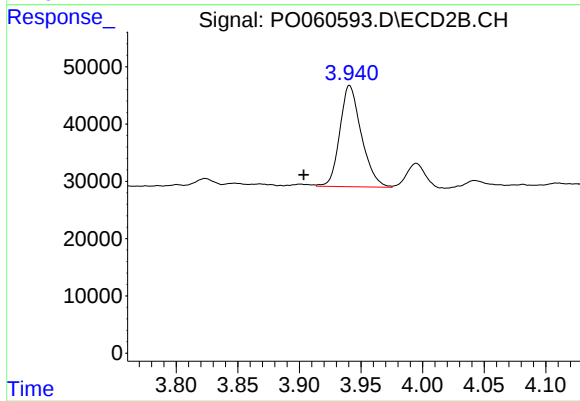
#10 AR-1221-3

R.T.: 3.941 min
Delta R.T.: 0.037 min
Response: 215677
Conc: 235.70 ng/ml



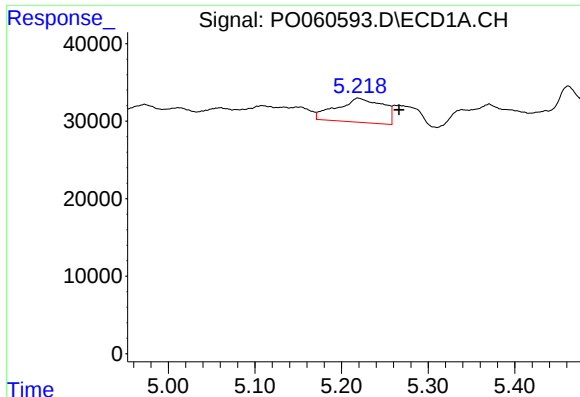
#11 AR-1232-1

R.T.: 4.732 min
Delta R.T.: -0.008 min
Response: 46394
Conc: 37.55 ng/ml



#11 AR-1232-1

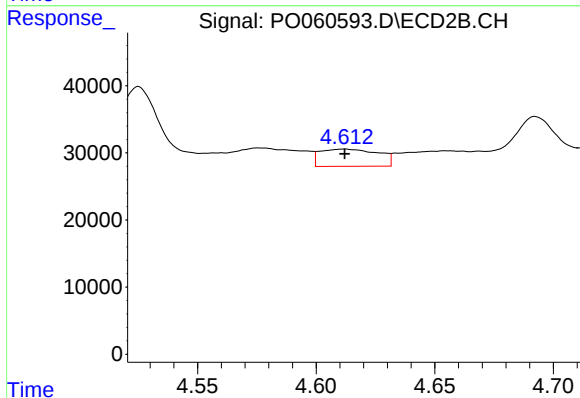
R.T.: 3.941 min
Delta R.T.: 0.037 min
Response: 215677
Conc: 220.60 ng/ml



#12 AR-1232-2

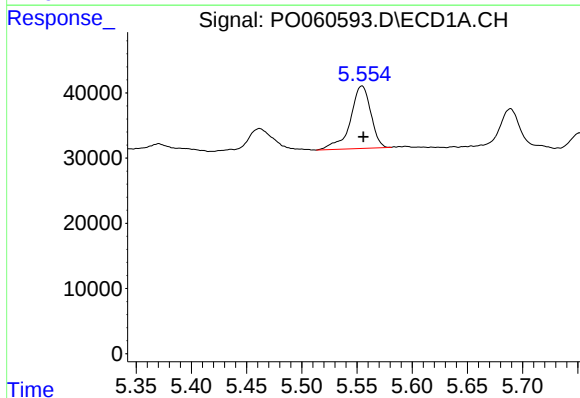
R.T.: 5.219 min
Delta R.T.: -0.048 min
Response: 115287
Conc: 169.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



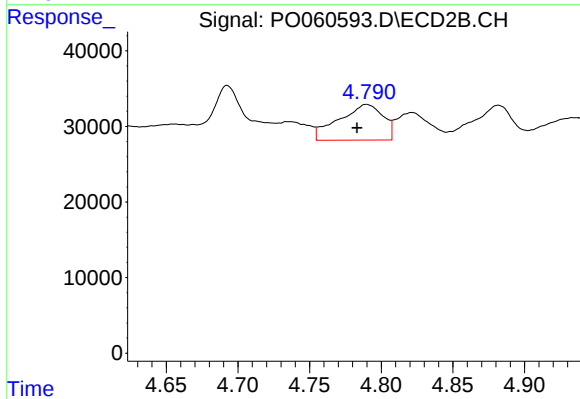
#12 AR-1232-2

R.T.: 4.612 min
Delta R.T.: 0.000 min
Response: 43832
Conc: 41.59 ng/ml



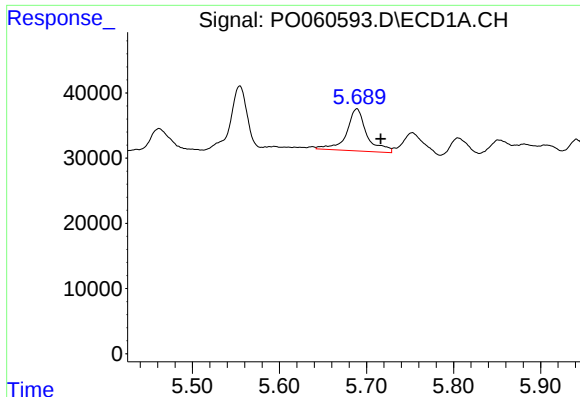
#13 AR-1232-3

R.T.: 5.555 min
Delta R.T.: -0.001 min
Response: 123317
Conc: 87.95 ng/ml



#13 AR-1232-3

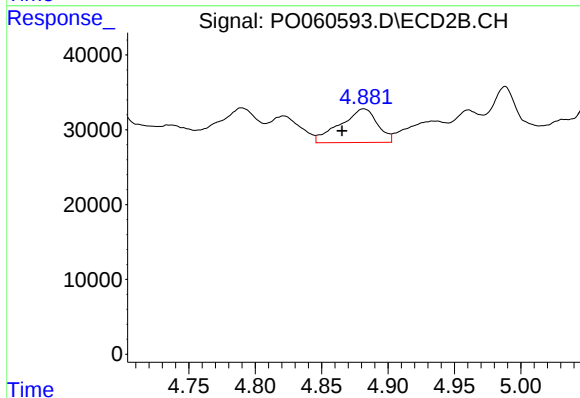
R.T.: 4.790 min
Delta R.T.: 0.007 min
Response: 101594
Conc: 179.40 ng/ml



#14 AR-1232-4

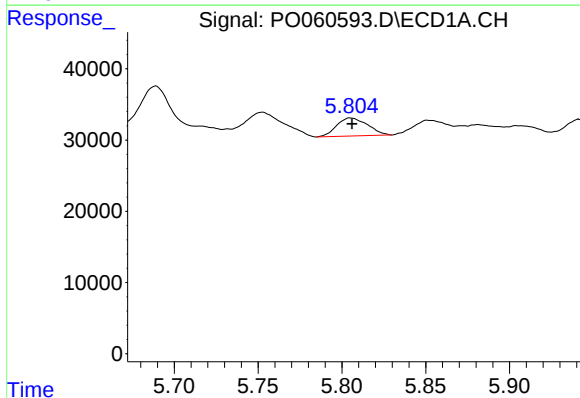
R.T.: 5.689 min
Delta R.T.: -0.027 min
Response: 104368
Conc: 142.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



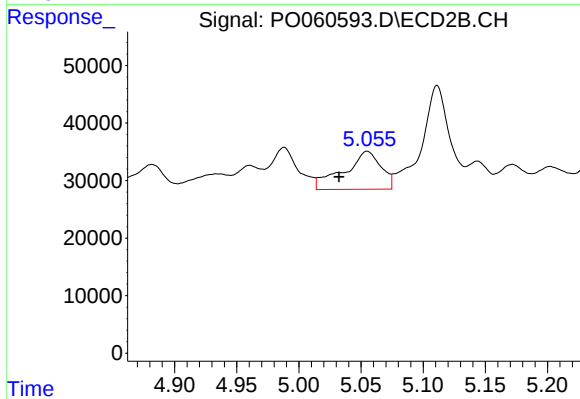
#14 AR-1232-4

R.T.: 4.882 min
Delta R.T.: 0.016 min
Response: 87614
Conc: 161.10 ng/ml



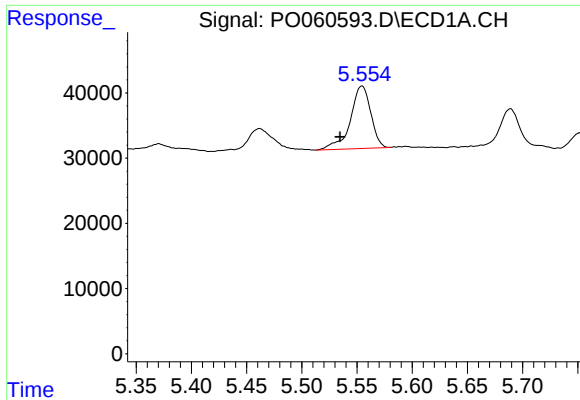
#15 AR-1232-5

R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 32490
Conc: 62.14 ng/ml



#15 AR-1232-5

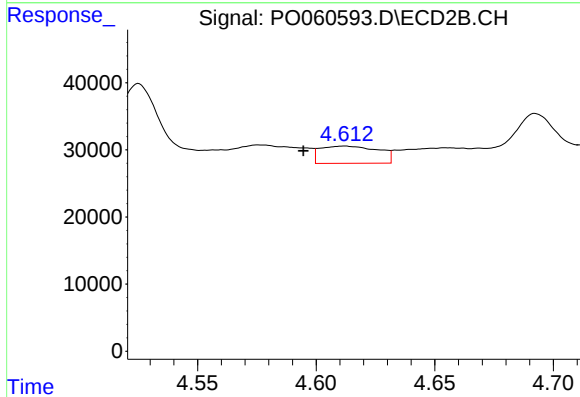
R.T.: 5.055 min
Delta R.T.: 0.023 min
Response: 137035
Conc: 229.68 ng/ml



#16 AR-1242-1

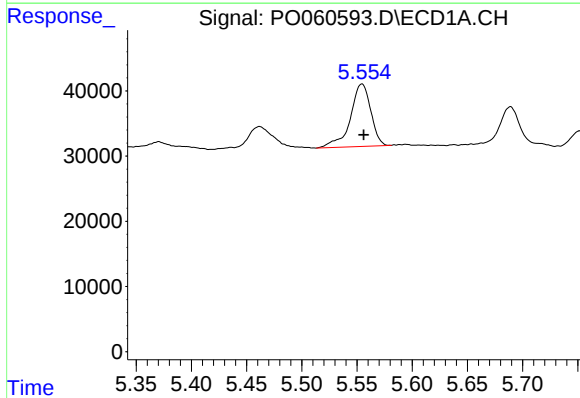
R.T.: 5.555 min
Delta R.T.: 0.020 min
Response: 123317
Conc: 102.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



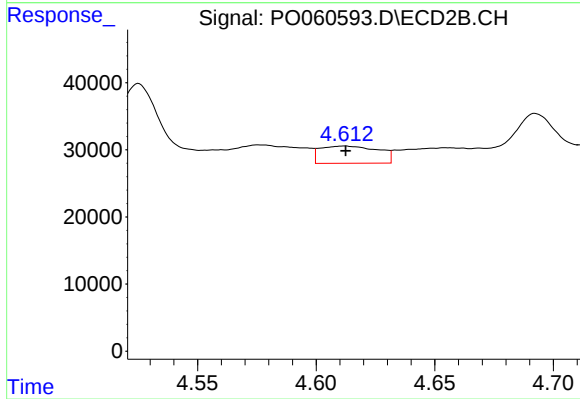
#16 AR-1242-1

R.T.: 4.612 min
Delta R.T.: 0.018 min
Response: 43832
Conc: 47.68 ng/ml



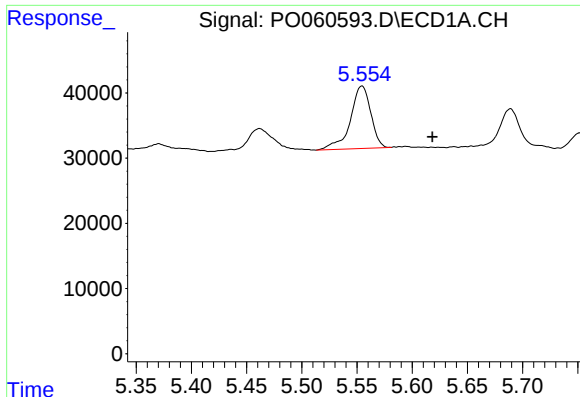
#17 AR-1242-2

R.T.: 5.555 min
Delta R.T.: -0.002 min
Response: 123317
Conc: 71.30 ng/ml



#17 AR-1242-2

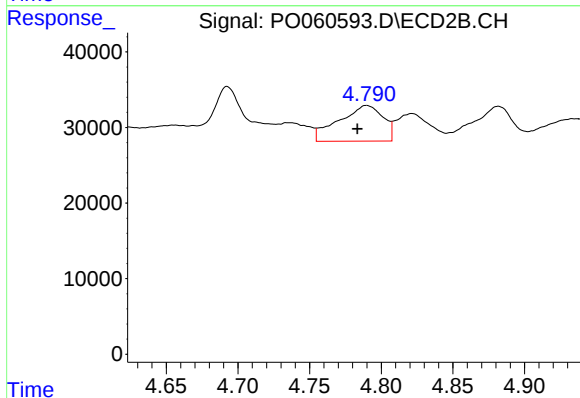
R.T.: 4.612 min
Delta R.T.: 0.000 min
Response: 43832
Conc: 34.17 ng/ml



#18 AR-1242-3

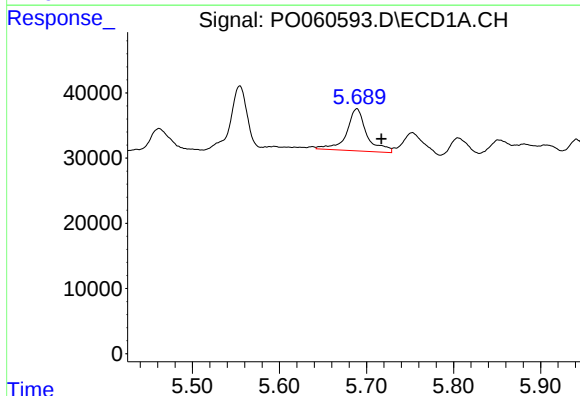
R.T.: 5.555 min
Delta R.T.: -0.064 min
Response: 123317
Conc: 112.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



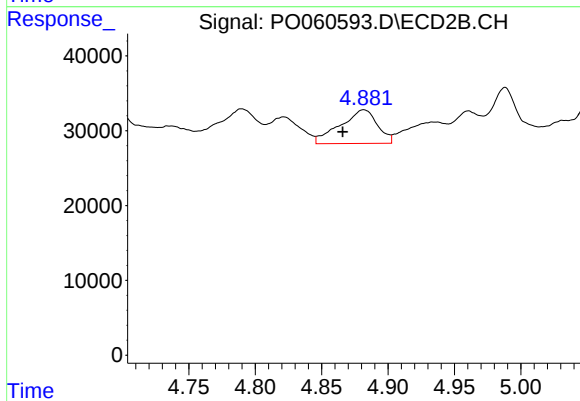
#18 AR-1242-3

R.T.: 4.790 min
Delta R.T.: 0.006 min
Response: 101594
Conc: 142.29 ng/ml



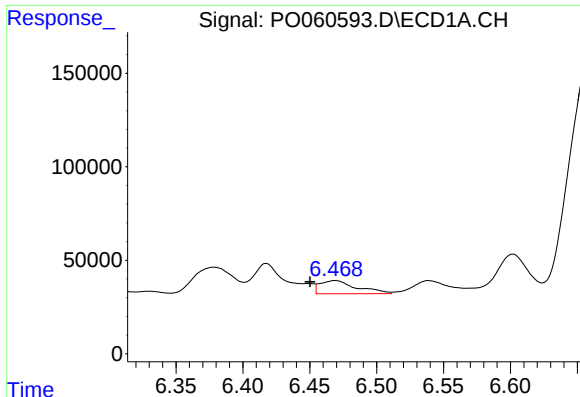
#19 AR-1242-4

R.T.: 5.689 min
Delta R.T.: -0.028 min
Response: 104368
Conc: 115.93 ng/ml



#19 AR-1242-4

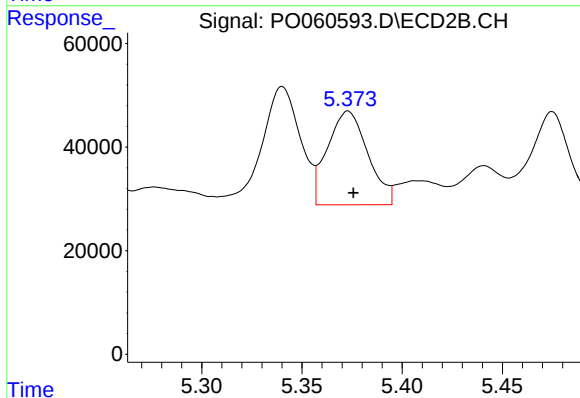
R.T.: 4.882 min
Delta R.T.: 0.016 min
Response: 87614
Conc: 116.85 ng/ml



#20 AR-1242-5

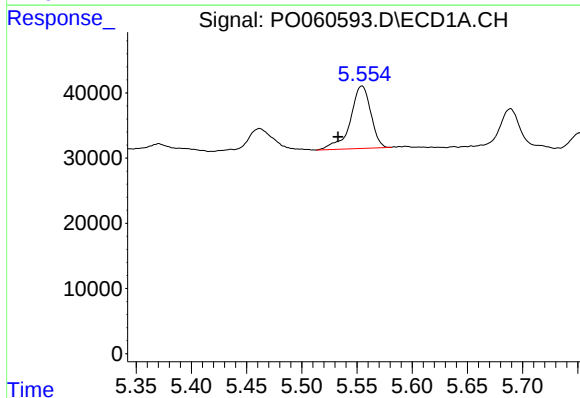
R.T.: 6.469 min
Delta R.T.: 0.019 min
Response: 135399
Conc: 124.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



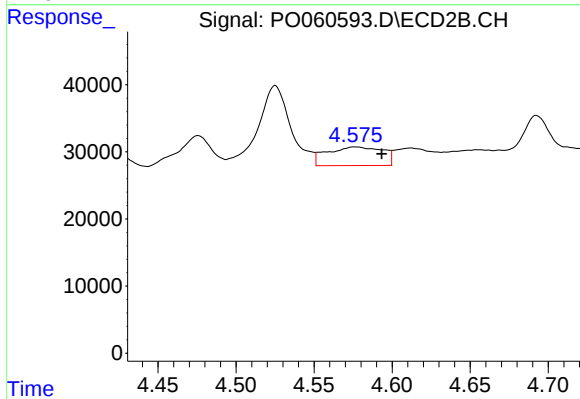
#20 AR-1242-5

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 254345
Conc: 260.49 ng/ml



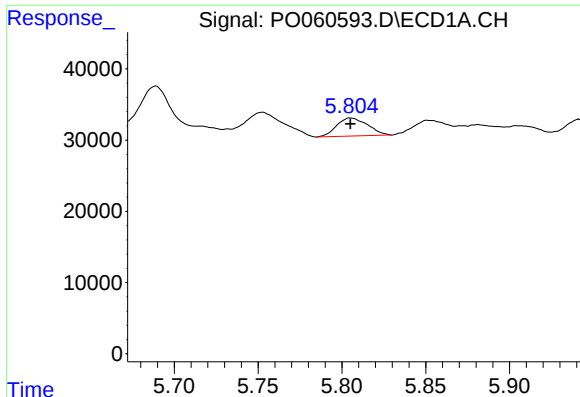
#21 AR-1248-1

R.T.: 5.555 min
Delta R.T.: 0.022 min
Response: 123317
Conc: 134.39 ng/ml



#21 AR-1248-1

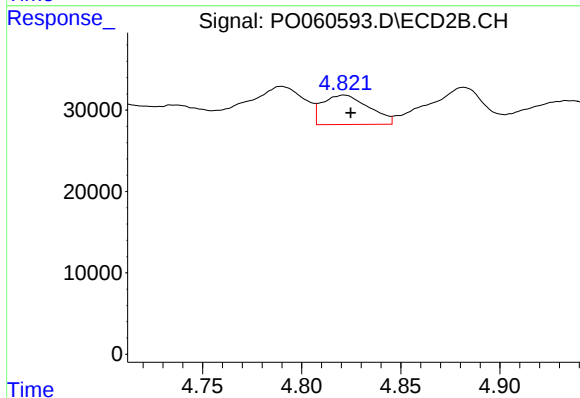
R.T.: 4.575 min
Delta R.T.: -0.018 min
Response: 68834
Conc: 95.23 ng/ml



#22 AR-1248-2

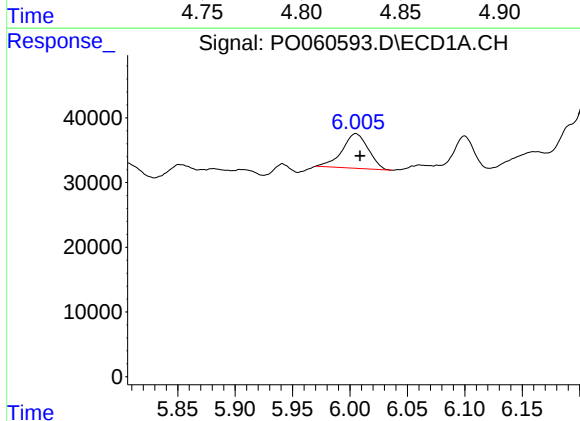
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 32490
Conc: 24.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



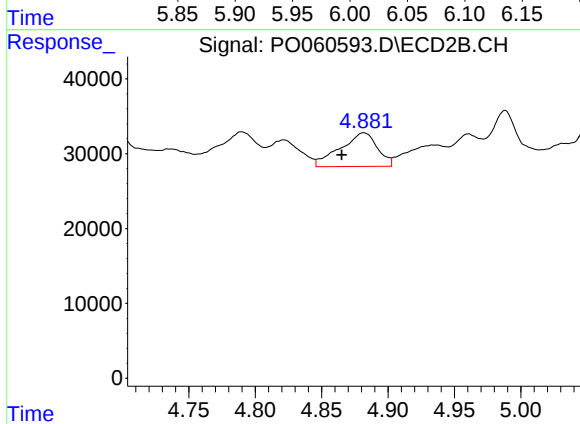
#22 AR-1248-2

R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 58947
Conc: 60.19 ng/ml



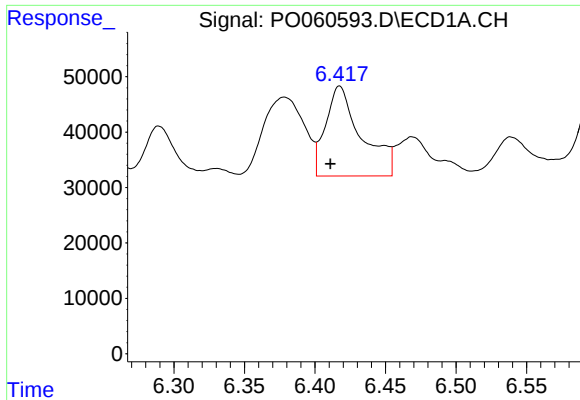
#23 AR-1248-3

R.T.: 6.005 min
Delta R.T.: -0.004 min
Response: 85024
Conc: 56.73 ng/ml



#23 AR-1248-3

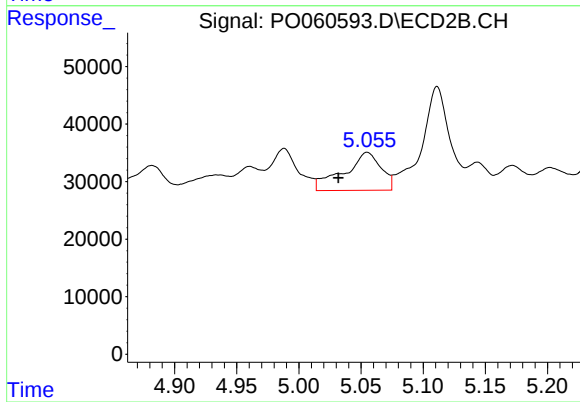
R.T.: 4.882 min
Delta R.T.: 0.017 min
Response: 87614
Conc: 85.85 ng/ml



#24 AR-1248-4

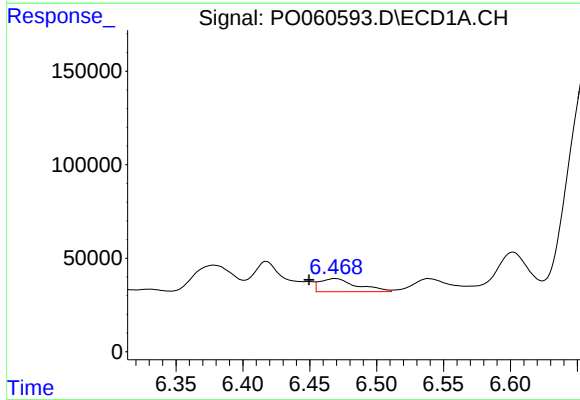
R.T.: 6.417 min
Delta R.T.: 0.006 min
Response: 286313
Conc: 162.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



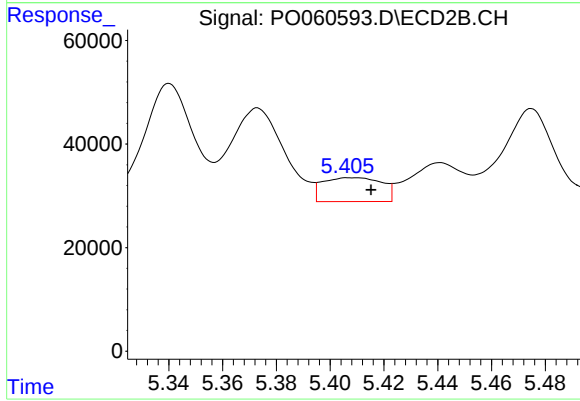
#24 AR-1248-4

R.T.: 5.055 min
Delta R.T.: 0.023 min
Response: 137035
Conc: 112.70 ng/ml



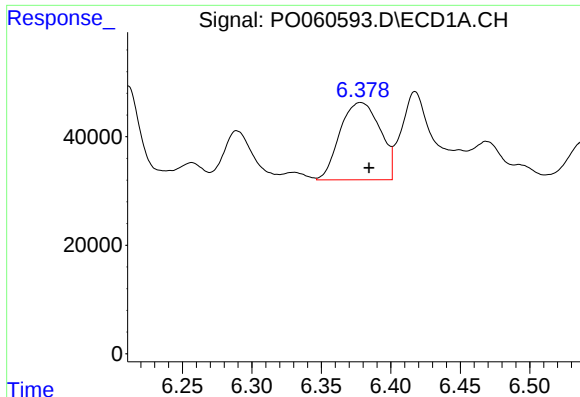
#25 AR-1248-5

R.T.: 6.469 min
Delta R.T.: 0.019 min
Response: 135399
Conc: 80.94 ng/ml



#25 AR-1248-5

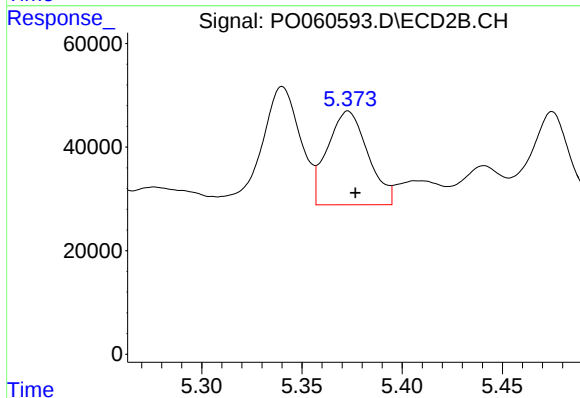
R.T.: 5.407 min
Delta R.T.: -0.008 min
Response: 70367
Conc: 57.84 ng/ml



#26 AR-1254-1

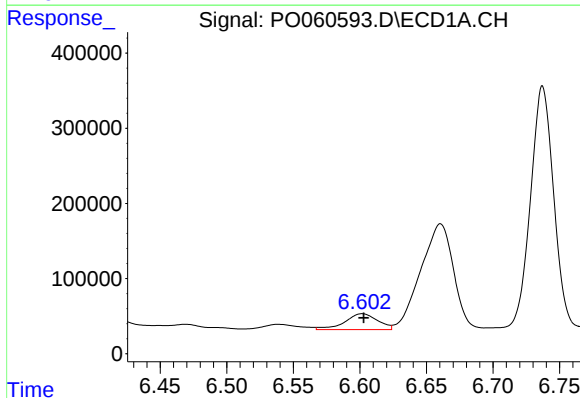
R.T.: 6.378 min
Delta R.T.: -0.006 min
Response: 287341
Conc: 157.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



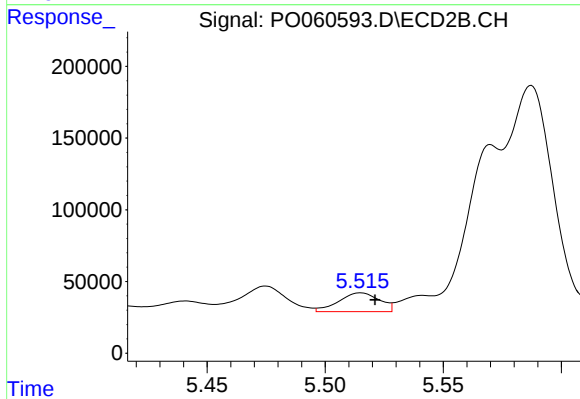
#26 AR-1254-1

R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 254345
Conc: 134.05 ng/ml



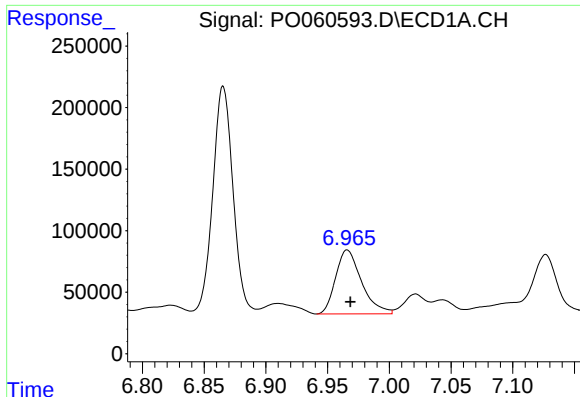
#27 AR-1254-2

R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 363016
Conc: 125.26 ng/ml



#27 AR-1254-2

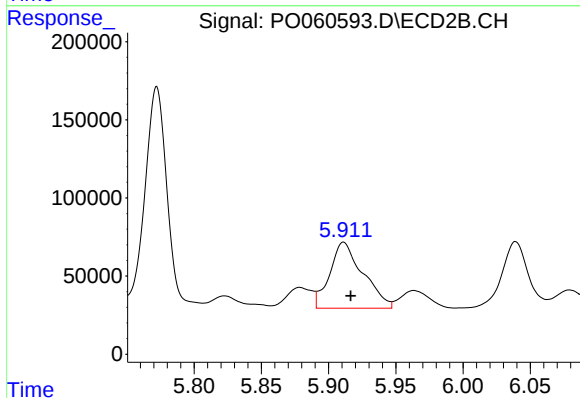
R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 157294
Conc: 92.04 ng/ml



#28 AR-1254-3

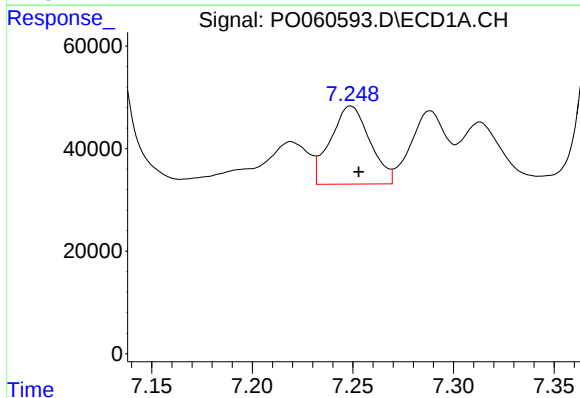
R.T.: 6.966 min
Delta R.T.: -0.002 min
Response: 760996
Conc: 238.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



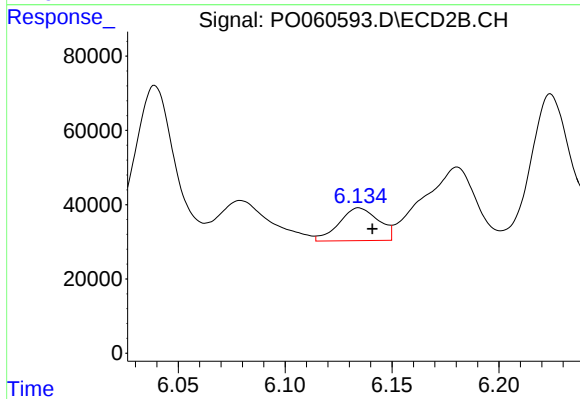
#28 AR-1254-3

R.T.: 5.911 min
Delta R.T.: -0.005 min
Response: 725852
Conc: 258.81 ng/ml



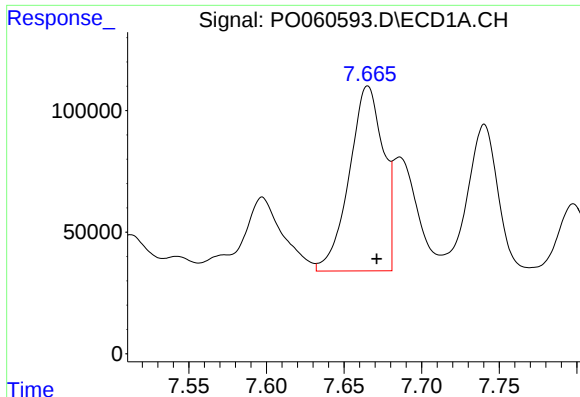
#29 AR-1254-4

R.T.: 7.249 min
Delta R.T.: -0.004 min
Response: 207986
Conc: 86.61 ng/ml



#29 AR-1254-4

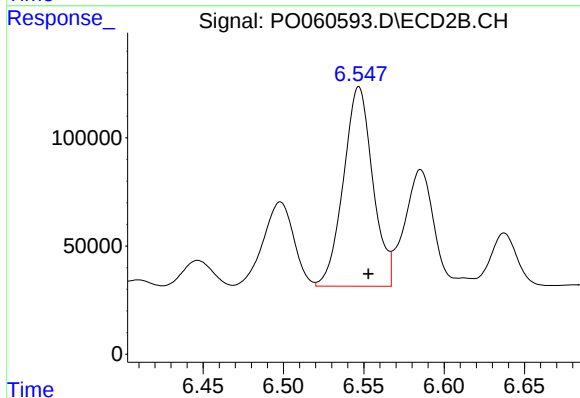
R.T.: 6.135 min
Delta R.T.: -0.006 min
Response: 113208
Conc: 63.37 ng/ml



#30 AR-1254-5

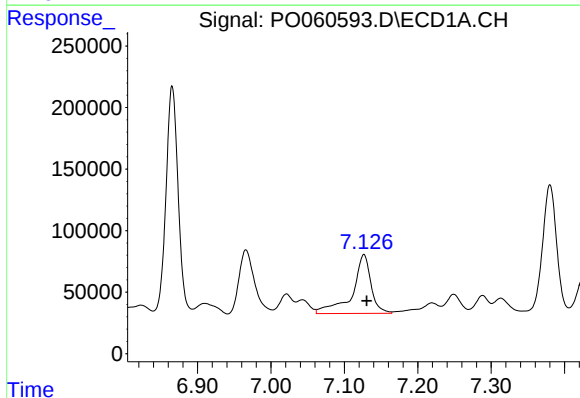
R.T.: 7.665 min
Delta R.T.: -0.006 min
Response: 1157950
Conc: 425.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



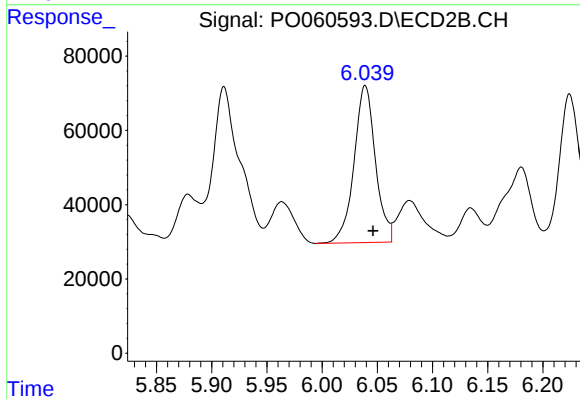
#30 AR-1254-5

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 1170424
Conc: 446.04 ng/ml



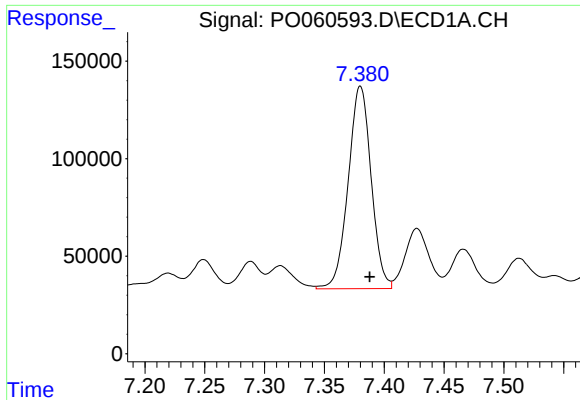
#31 AR-1260-1

R.T.: 7.127 min
Delta R.T.: -0.004 min
Response: 845798
Conc: 338.36 ng/ml



#31 AR-1260-1

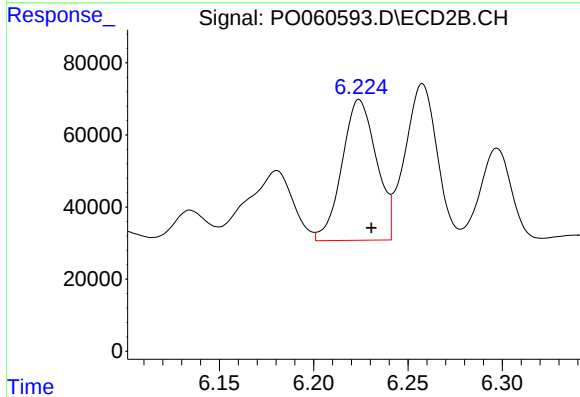
R.T.: 6.039 min
Delta R.T.: -0.007 min
Response: 571887
Conc: 278.10 ng/ml



#32 AR-1260-2

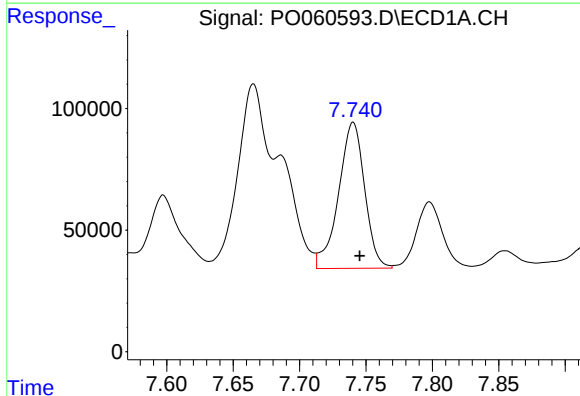
R.T.: 7.380 min
Delta R.T.: -0.008 min
Response: 1385942
Conc: 446.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



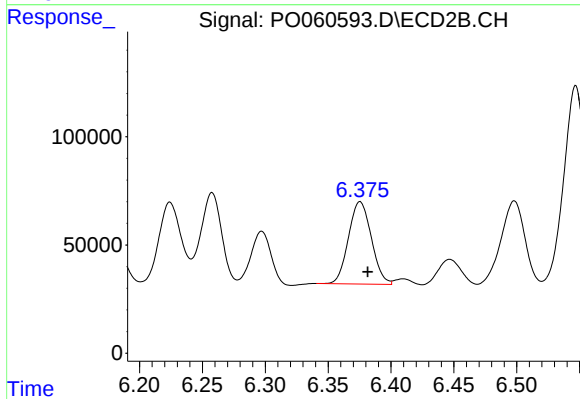
#32 AR-1260-2

R.T.: 6.224 min
Delta R.T.: -0.006 min
Response: 495751
Conc: 198.00 ng/ml



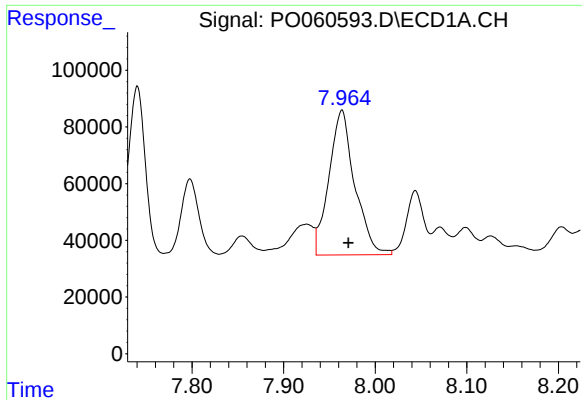
#33 AR-1260-3

R.T.: 7.740 min
Delta R.T.: -0.005 min
Response: 821556
Conc: 328.44 ng/ml



#33 AR-1260-3

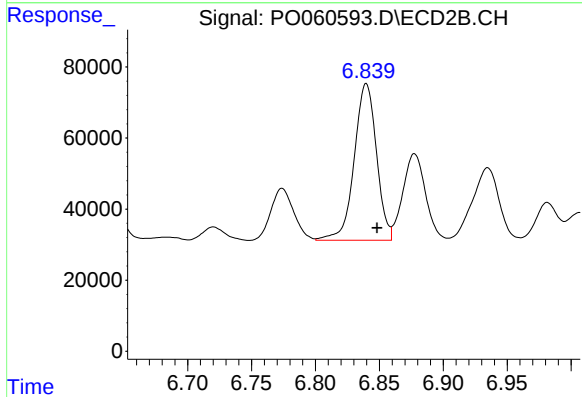
R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 481923
Conc: 207.43 ng/ml



#34 AR-1260-4

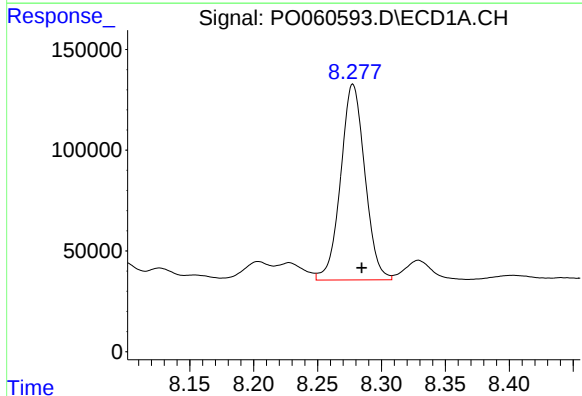
R.T.: 7.964 min
Delta R.T.: -0.007 min
Response: 998807
Conc: 337.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



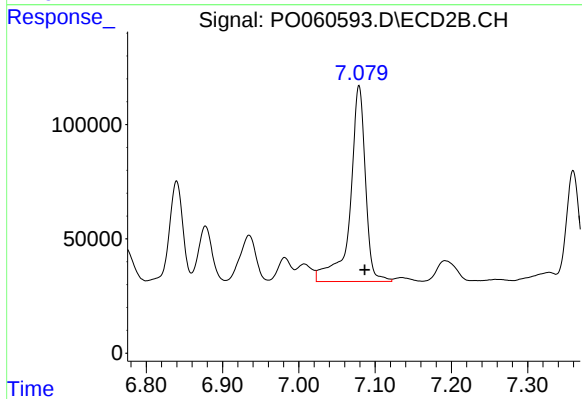
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: -0.008 min
Response: 535027
Conc: 263.42 ng/ml



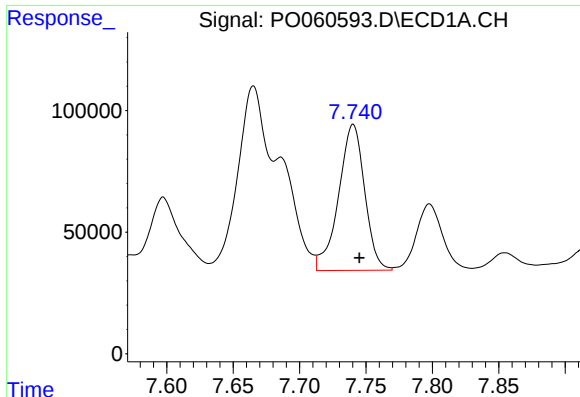
#35 AR-1260-5

R.T.: 8.278 min
Delta R.T.: -0.007 min
Response: 1281869
Conc: 228.22 ng/ml



#35 AR-1260-5

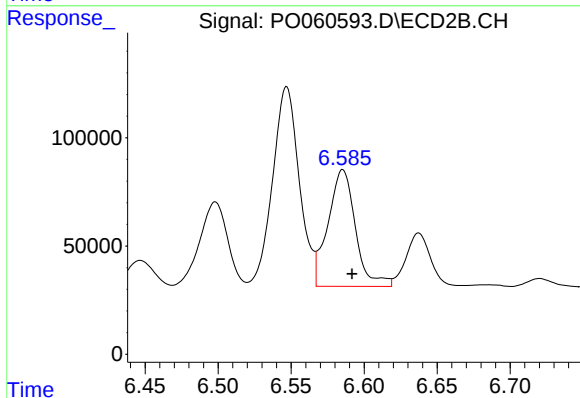
R.T.: 7.079 min
Delta R.T.: -0.007 min
Response: 1198972
Conc: 261.74 ng/ml



#36 AR-1262-1

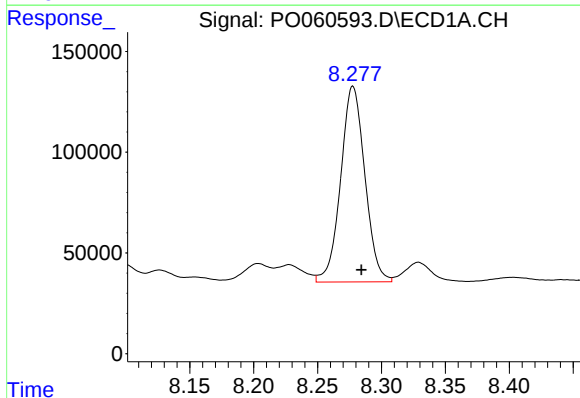
R.T.: 7.740 min
Delta R.T.: -0.005 min
Response: 821556
Conc: 244.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



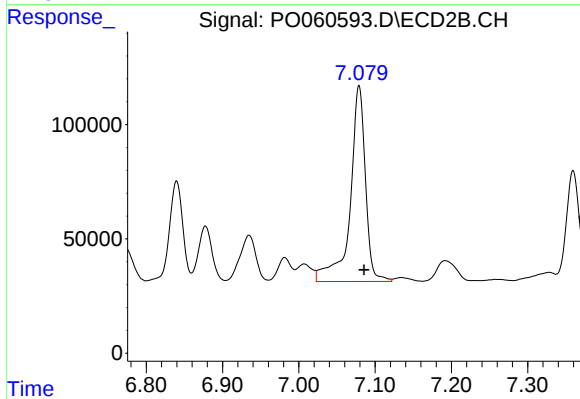
#36 AR-1262-1

R.T.: 6.585 min
Delta R.T.: -0.006 min
Response: 704516
Conc: 264.97 ng/ml



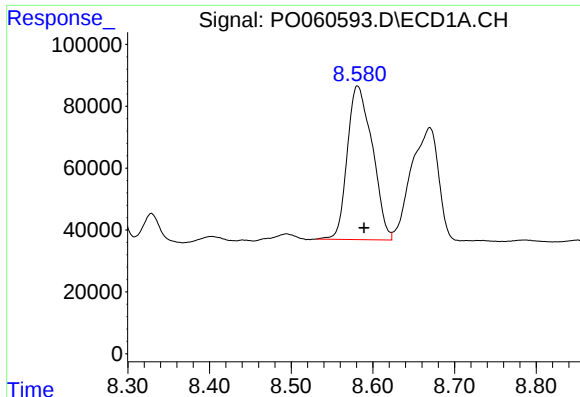
#37 AR-1262-2

R.T.: 8.278 min
Delta R.T.: -0.007 min
Response: 1281869
Conc: 218.94 ng/ml



#37 AR-1262-2

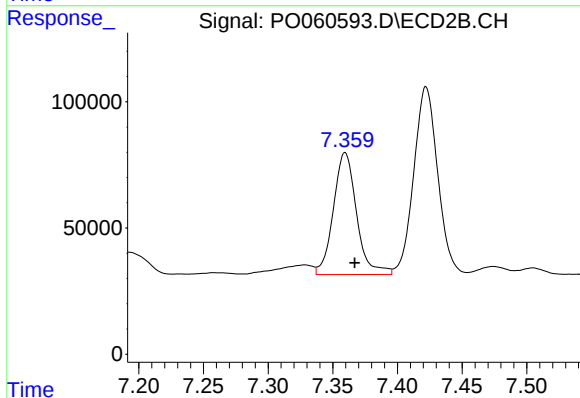
R.T.: 7.079 min
Delta R.T.: -0.006 min
Response: 1198972
Conc: 264.11 ng/ml



#38 AR-1262-3

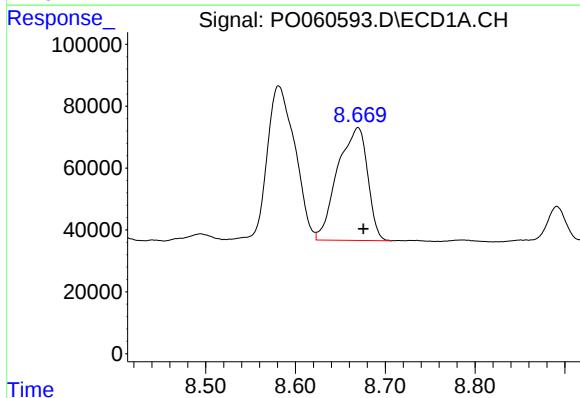
R.T.: 8.581 min
Delta R.T.: -0.008 min
Response: 1059419
Conc: 264.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



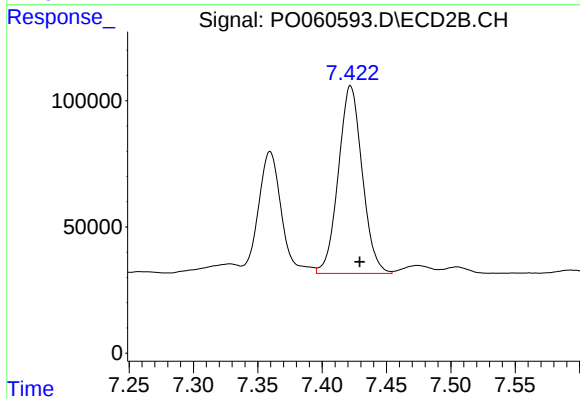
#38 AR-1262-3

R.T.: 7.360 min
Delta R.T.: -0.008 min
Response: 603694
Conc: 318.47 ng/ml



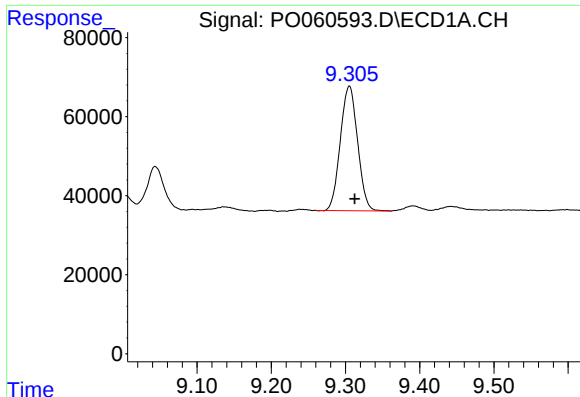
#39 AR-1262-4

R.T.: 8.670 min
Delta R.T.: -0.006 min
Response: 849897
Conc: 279.87 ng/ml



#39 AR-1262-4

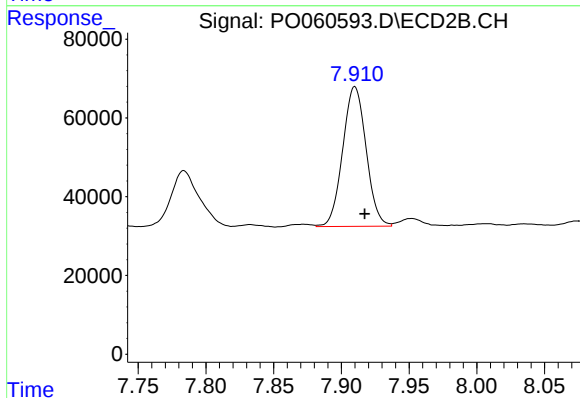
R.T.: 7.422 min
Delta R.T.: -0.007 min
Response: 958129
Conc: 279.40 ng/ml



#40 AR-1262-5

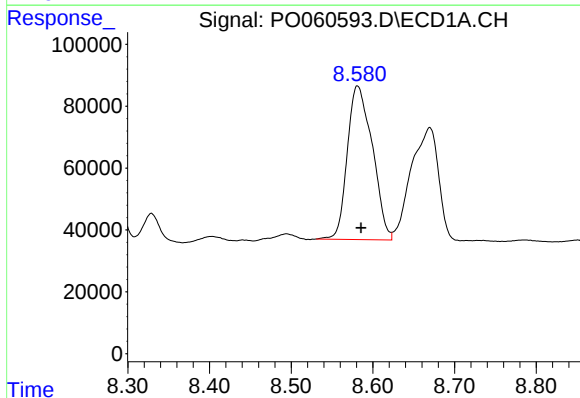
R.T.: 9.305 min
Delta R.T.: -0.007 min
Response: 509671
Conc: 254.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



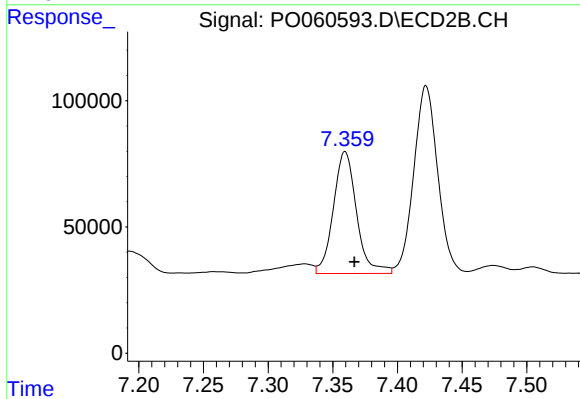
#40 AR-1262-5

R.T.: 7.910 min
Delta R.T.: -0.007 min
Response: 426915
Conc: 273.04 ng/ml



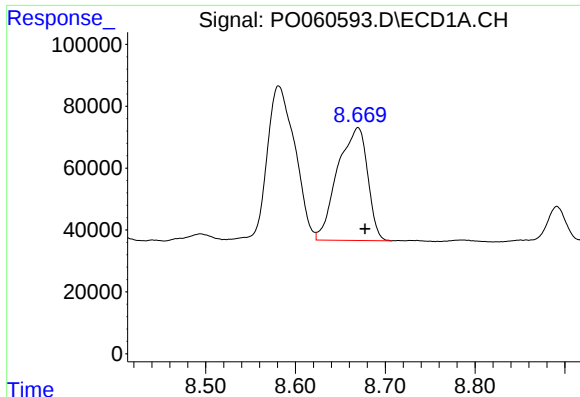
#41 AR-1268-1

R.T.: 8.581 min
Delta R.T.: -0.004 min
Response: 1059419
Conc: 153.47 ng/ml



#41 AR-1268-1

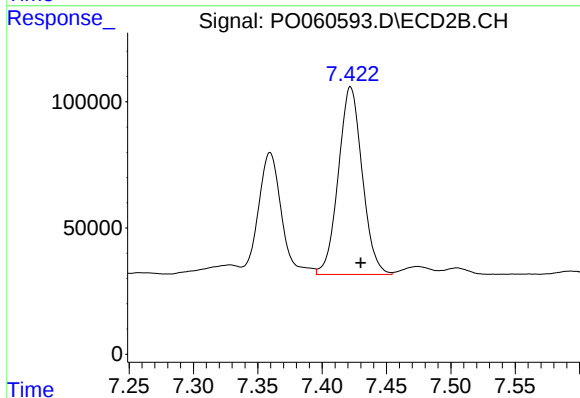
R.T.: 7.360 min
Delta R.T.: -0.007 min
Response: 603694
Conc: 118.87 ng/ml



#42 AR-1268-2

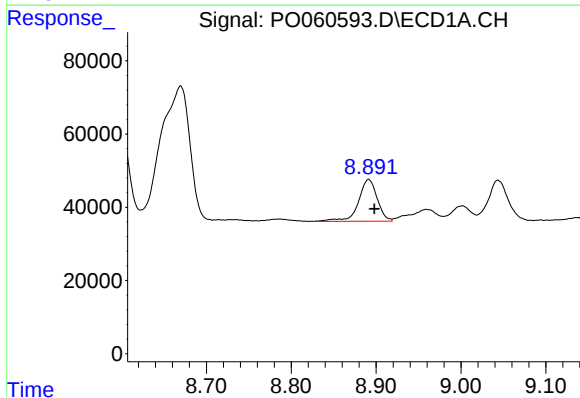
R.T.: 8.670 min
Delta R.T.: -0.008 min
Response: 849897
Conc: 132.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



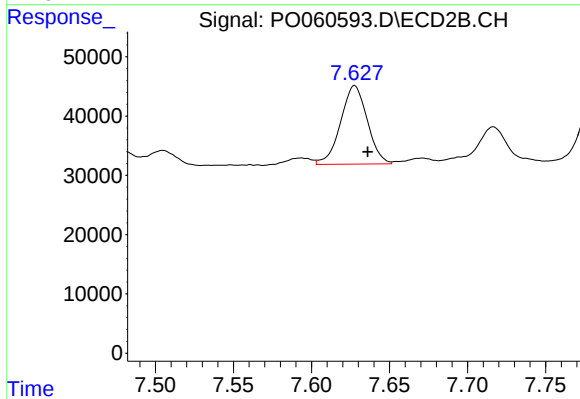
#42 AR-1268-2

R.T.: 7.422 min
Delta R.T.: -0.008 min
Response: 958129
Conc: 206.27 ng/ml



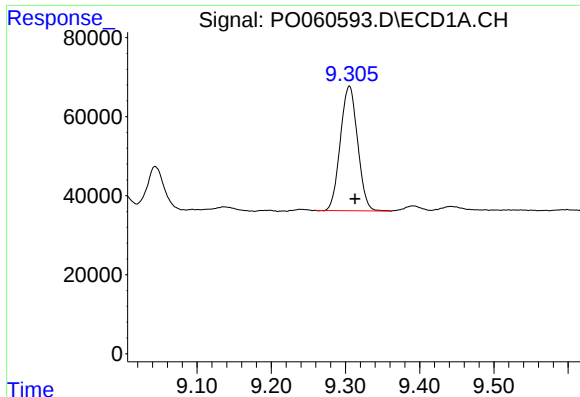
#43 AR-1268-3

R.T.: 8.891 min
Delta R.T.: -0.007 min
Response: 174393
Conc: 32.90 ng/ml



#43 AR-1268-3

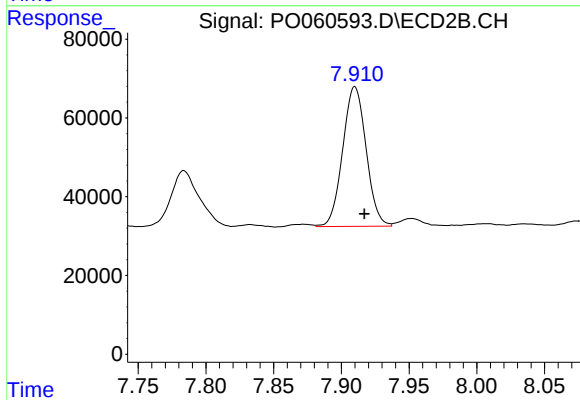
R.T.: 7.628 min
Delta R.T.: -0.008 min
Response: 158079
Conc: 40.20 ng/ml



#44 AR-1268-4

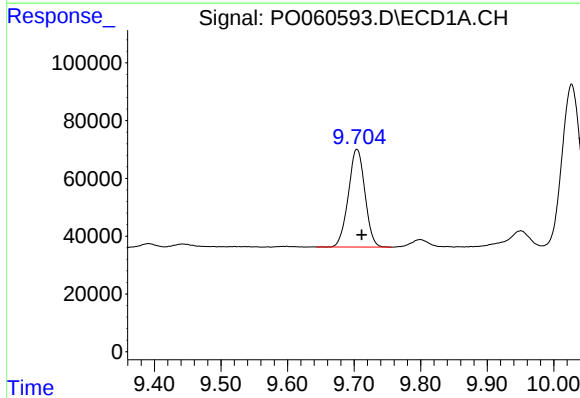
R.T.: 9.305 min
Delta R.T.: -0.007 min
Response: 509671
Conc: 229.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



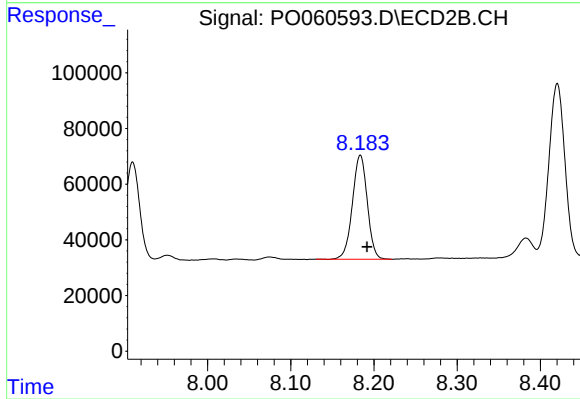
#44 AR-1268-4

R.T.: 7.910 min
Delta R.T.: -0.007 min
Response: 426915
Conc: 251.08 ng/ml



#45 AR-1268-5

R.T.: 9.704 min
Delta R.T.: -0.008 min
Response: 585186
Conc: 35.71 ng/ml



#45 AR-1268-5

R.T.: 8.184 min
Delta R.T.: -0.008 min
Response: 465075
Conc: 41.51 ng/ml