

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090718\
 Data File : P0048825.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Sep 2018 12:05
 Operator : SM/SJ
 Sample : J4784-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 22:49:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 06 03:44:31 2018
 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...	4.457	3.529	3494112	3687530	28.959	23.592
2)	SA Decachlor...	10.200	8.467	3298505	3659031	23.641	24.748
Target Compounds							
3)	L1 AR-1016-1	5.172	4.136	146740	137427	45.193	31.711 #
4)	L1 AR-1016-2	5.362	4.594	120291	293127	34.976	45.522 #
5)	L1 AR-1016-3	5.646	4.624	675121	496090	133.709	58.752 #
6)	L1 AR-1016-4	5.722	4.670	256258	213442	55.676	36.333 #
7)	L1 AR-1016-5	6.107	5.043	1258602	634024	324.287	122.639 #
8)	L2 AR-1221-1	4.596	3.691	96277	52324	62.006	24.441 #
9)	L2 AR-1221-2	0.000	3.822	0	93480	N.D.	57.670 #
10)	L2 AR-1221-3	4.873	3.955	-106161	560325	N.D.	113.780 #
11)	L3 AR-1232-1	5.646	4.347	675121	380884	243.367	197.557
12)	L3 AR-1232-2	0.000	4.476	0	574542	N.D.	864.780 #
13)	L3 AR-1232-3	5.993	4.875	241992	366484	563.034	210.440 #
14)	L3 AR-1232-4	6.315	5.191	1085425	1286075	2739.906	695.476 #
15)	L3 AR-1232-5	7.196	5.763	2531702	1496576	10770.541	5973.169 #
16)	L4 AR-1242-1	5.202	4.262	72087	62170	48.371	31.677 #
17)	L4 AR-1242-2	5.949	4.833	360021	1521934	125.333	376.199 #
18)	L4 AR-1242-3	6.107	4.904	1258602	204194	879.433	142.617 #
19)	L4 AR-1242-4	6.191	5.264	442768	556629	401.193	459.897
20)	L4 AR-1242-5	6.251	5.655	882004	1269994	232.028	410.731 #
21)	L5 AR-1248-1	5.905	4.833	1132871	1521934	226.854	286.621 #
22)	L5 AR-1248-2	6.484	5.391	2896775	3386326	553.512	352.627 #
23)	L5 AR-1248-3	6.511	5.442	1477267	2339253	217.020	343.723 #
24)	L5 AR-1248-4	6.552	5.589	1814911	2421755	275.655	398.628 #
25)	L5 AR-1248-5	6.754	5.937	2970669	5616941	653.337	1206.859 #
26)	L6 AR-1254-1	6.702	5.536	5159580	3052970	455.411	300.869 #
27)	L6 AR-1254-2	6.981	5.848	5514046	3200765	750.764	362.841 #
28)	L6 AR-1254-3	7.069	6.163	5308818	3846385	416.862	348.964
29)	L6 AR-1254-4	7.355	6.475	5907588	2655649	609.335	326.954 #
30)	L6 AR-1254-5	7.626	6.577	5331889	6413984	689.875	423.199 #
31)	L7 AR-1260-1	7.232	6.066	4079926	4045364	495.206	388.595
32)	L7 AR-1260-2	7.488	6.252	3988956	3942076	405.936	314.797
33)	L7 AR-1260-3	7.773	6.403	6027321	2698033	505.135	227.407 #
34)	L7 AR-1260-4	8.062	6.872	4578296	519744	533.416	54.935 #
35)	L7 AR-1260-5	8.371	7.110	1132868	1533174	68.238	70.605
36)	L8 AR-1262-1	7.124	5.937	1945857	5616941	398.522	1020.419 #
37)	L8 AR-1262-2	7.899	6.688	1418421	39022	326.450	7.206 #
38)	L8 AR-1262-3	8.153	6.969	2503269	538151	515.269	90.215 #
39)	L8 AR-1262-4	8.805	7.400	505508	358769	96.033	40.417 #
40)	L8 AR-1262-5	9.444	7.953	45792	698380	6.819	92.332 #
41)	L9 AR-1268-1	7.836	6.645	2444747	452863	572.392	82.983 #

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 ALS Vial : 7 Sample Multiplier: 1

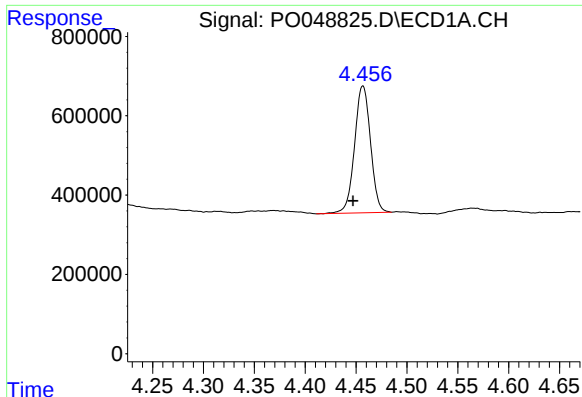
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.062	7.456	4578296	1546125	839.262	65.032 #
43) L9	AR-1268-3	8.725	7.699	1375918	72333	62.238	3.695 #
44) L9	AR-1268-4	9.084	7.763	126526	276533	7.429	49.232 #
45) L9	AR-1268-5	0.000	8.210	0	298690	N.D.	5.478 #

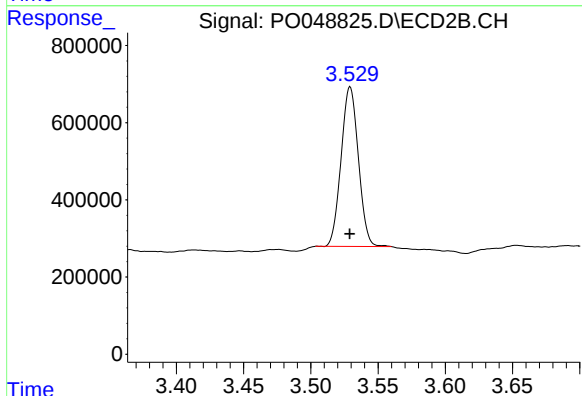
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

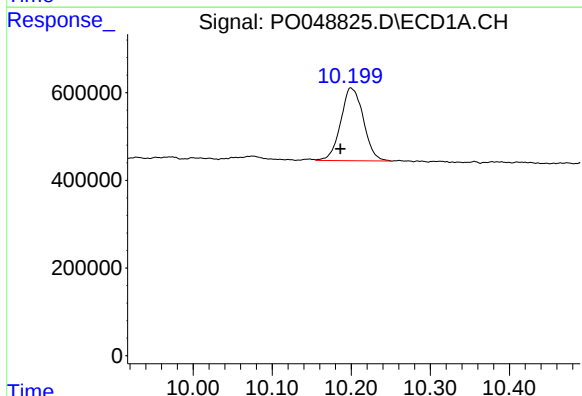
R.T.: 4.457 min
Delta R.T.: 0.010 min
Response: 3494112
Conc: 28.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



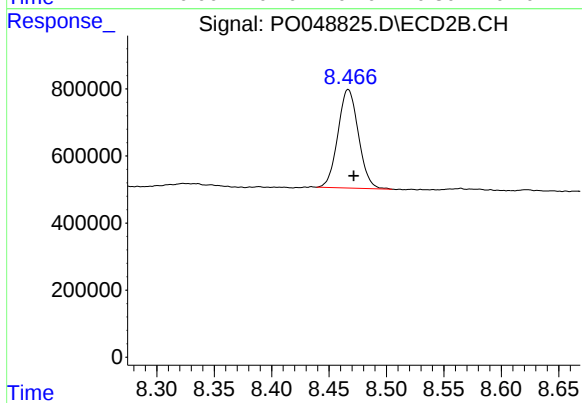
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 3687530
Conc: 23.59 ng/ml



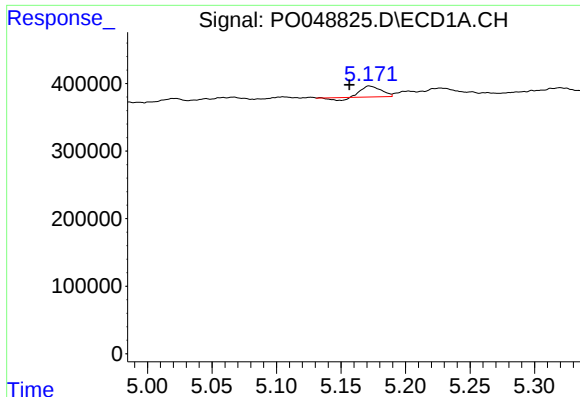
#2 Decachlorobiphenyl

R.T.: 10.200 min
Delta R.T.: 0.013 min
Response: 3298505
Conc: 23.64 ng/ml



#2 Decachlorobiphenyl

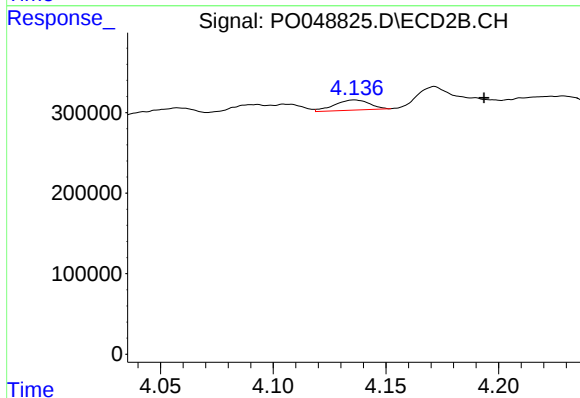
R.T.: 8.467 min
Delta R.T.: -0.005 min
Response: 3659031
Conc: 24.75 ng/ml



#3 AR-1016-1

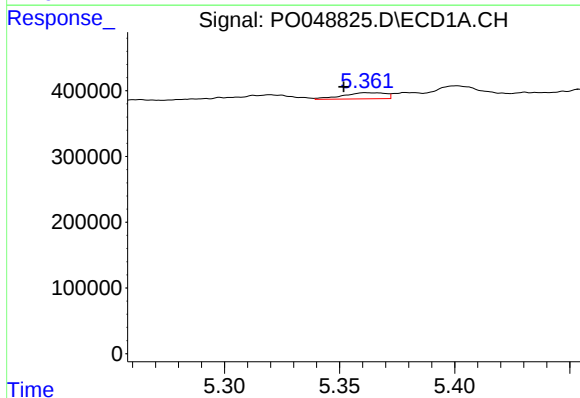
R.T.: 5.172 min
Delta R.T.: 0.016 min
Response: 146740
Conc: 45.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



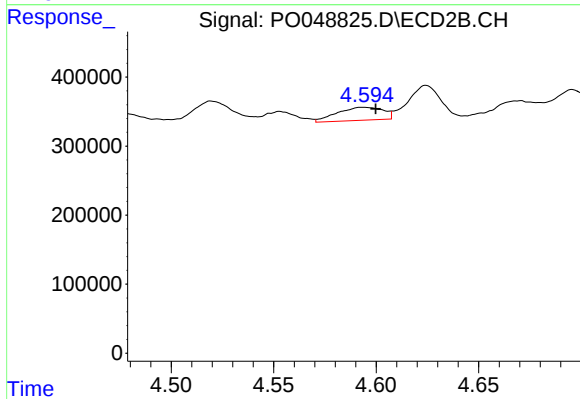
#3 AR-1016-1

R.T.: 4.136 min
Delta R.T.: -0.057 min
Response: 137427
Conc: 31.71 ng/ml



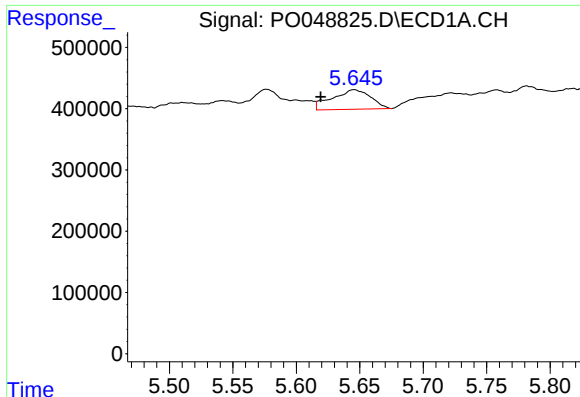
#4 AR-1016-2

R.T.: 5.362 min
Delta R.T.: 0.010 min
Response: 120291
Conc: 34.98 ng/ml



#4 AR-1016-2

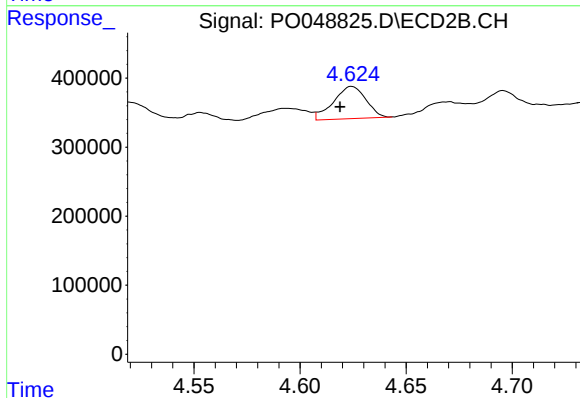
R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 293127
Conc: 45.52 ng/ml



#5 AR-1016-3

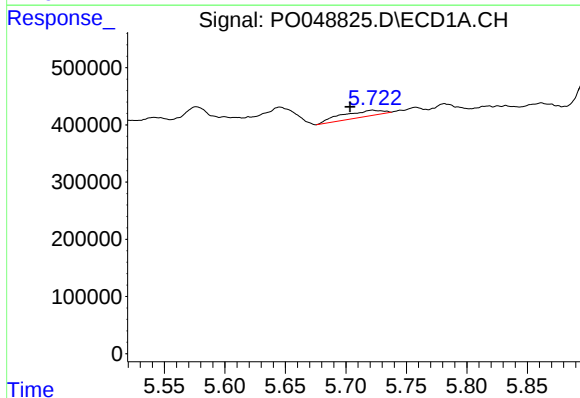
R.T.: 5.646 min
Delta R.T.: 0.026 min
Response: 675121
Conc: 133.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



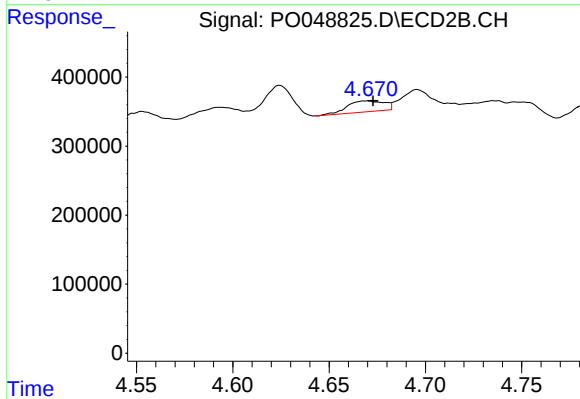
#5 AR-1016-3

R.T.: 4.624 min
Delta R.T.: 0.006 min
Response: 496090
Conc: 58.75 ng/ml



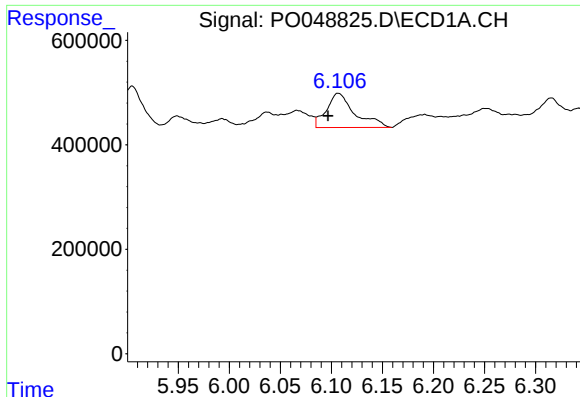
#6 AR-1016-4

R.T.: 5.722 min
Delta R.T.: 0.018 min
Response: 256258
Conc: 55.68 ng/ml



#6 AR-1016-4

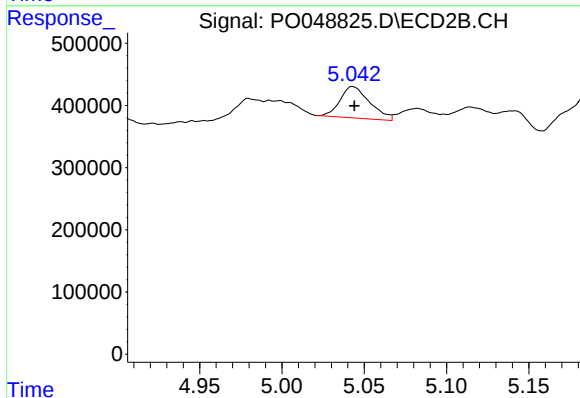
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 213442
Conc: 36.33 ng/ml



#7 AR-1016-5

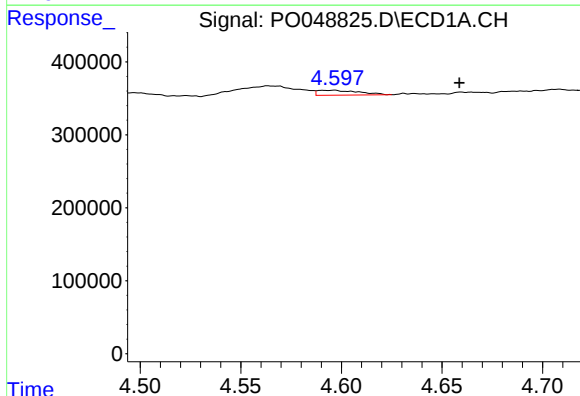
R.T.: 6.107 min
Delta R.T.: 0.010 min
Response: 1258602
Conc: 324.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



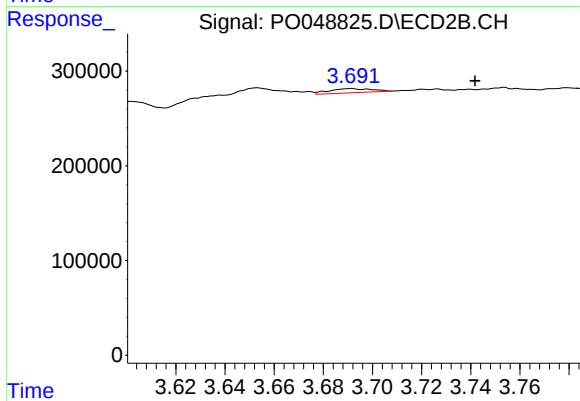
#7 AR-1016-5

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 634024
Conc: 122.64 ng/ml



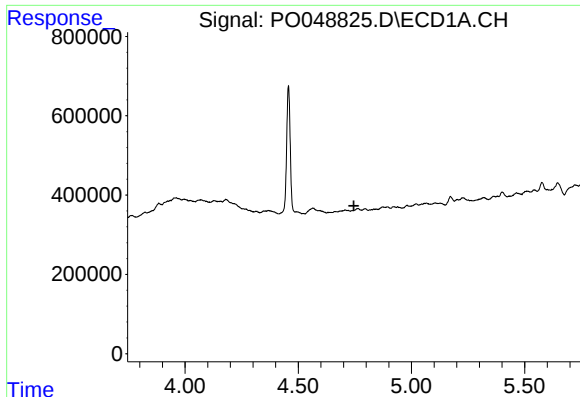
#8 AR-1221-1

R.T.: 4.596 min
Delta R.T.: -0.063 min
Response: 96277
Conc: 62.01 ng/ml



#8 AR-1221-1

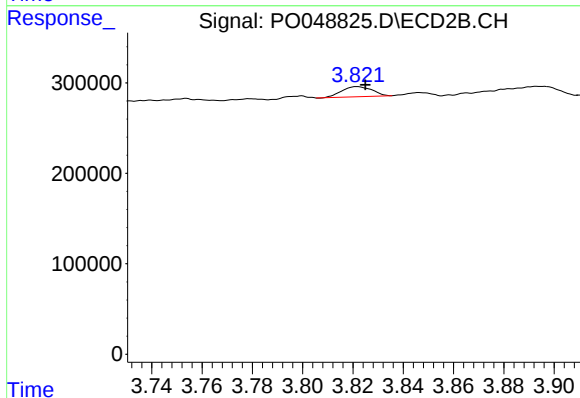
R.T.: 3.691 min
Delta R.T.: -0.051 min
Response: 52324
Conc: 24.44 ng/ml



#9 AR-1221-2

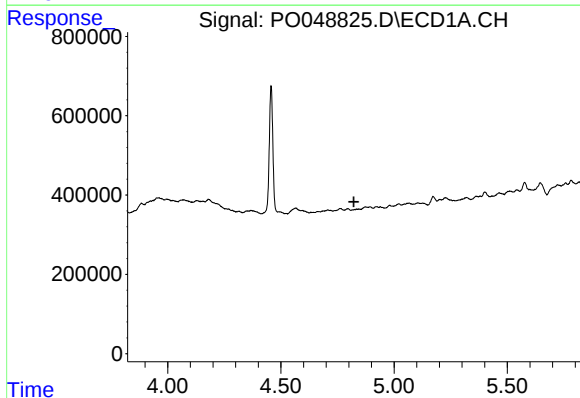
R.T.: 0.000 min
Exp R.T.: 4.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



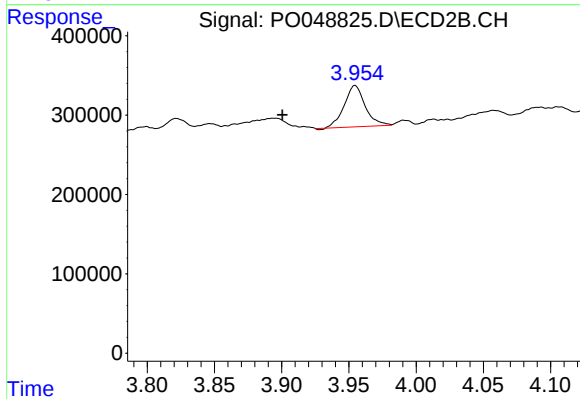
#9 AR-1221-2

R.T.: 3.822 min
Delta R.T.: -0.003 min
Response: 93480
Conc: 57.67 ng/ml



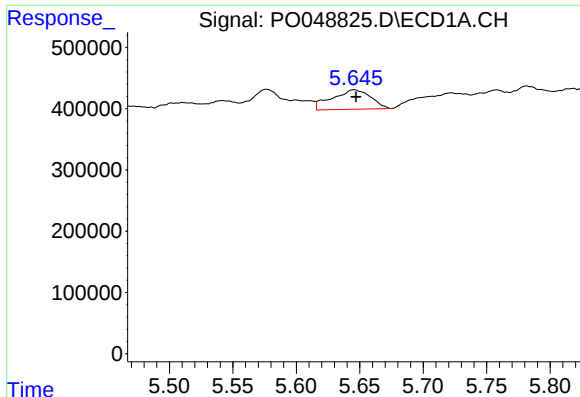
#10 AR-1221-3

R.T.: 4.873 min
Delta R.T.: 0.050 min
Response: -106161
Conc: N.D.



#10 AR-1221-3

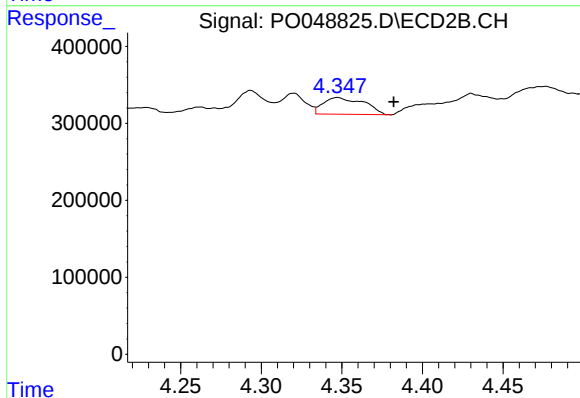
R.T.: 3.955 min
Delta R.T.: 0.054 min
Response: 560325
Conc: 113.78 ng/ml



#11 AR-1232-1

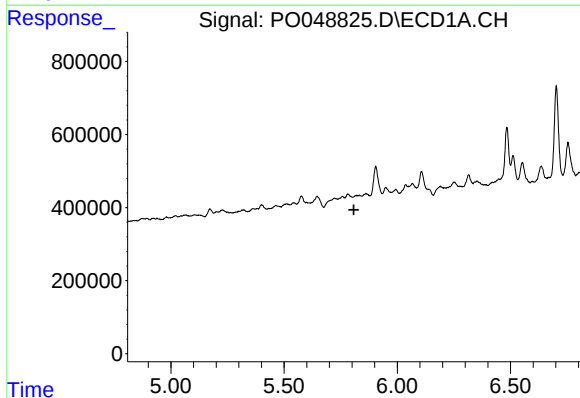
R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 675121
Conc: 243.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



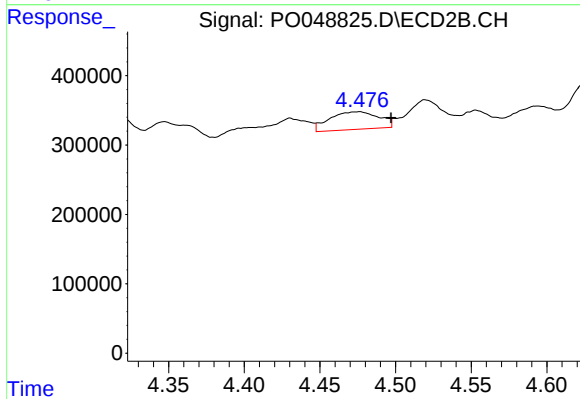
#11 AR-1232-1

R.T.: 4.347 min
Delta R.T.: -0.035 min
Response: 380884
Conc: 197.56 ng/ml



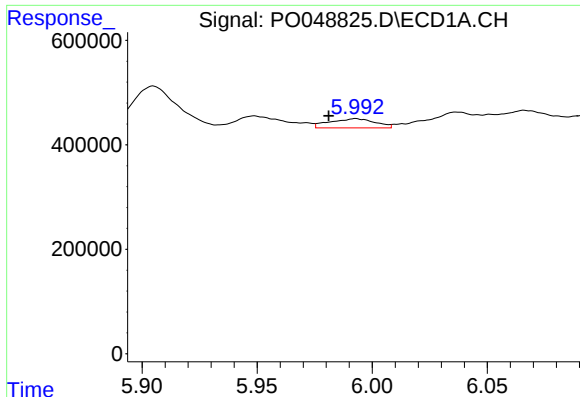
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.809 min
Response: 0
Conc: N.D.



#12 AR-1232-2

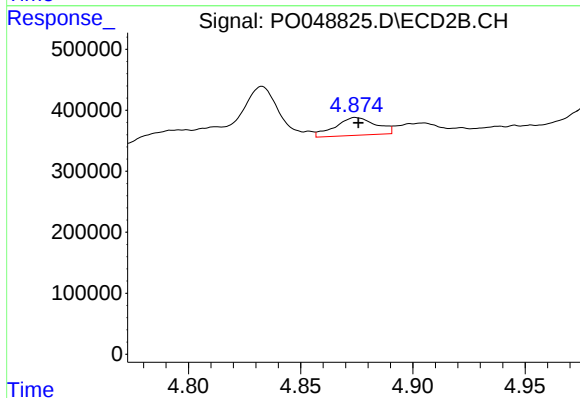
R.T.: 4.476 min
Delta R.T.: -0.021 min
Response: 574542
Conc: 864.78 ng/ml



#13 AR-1232-3

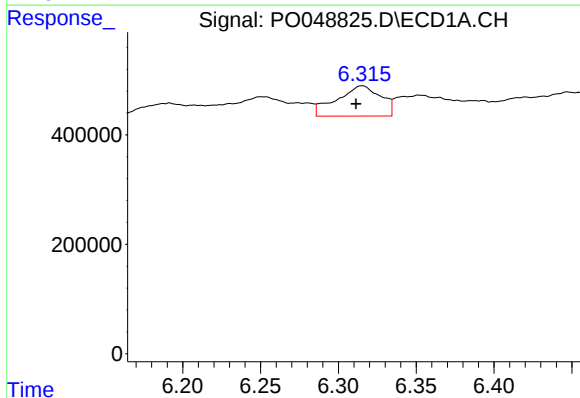
R.T.: 5.993 min
Delta R.T.: 0.012 min
Response: 241992
Conc: 563.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



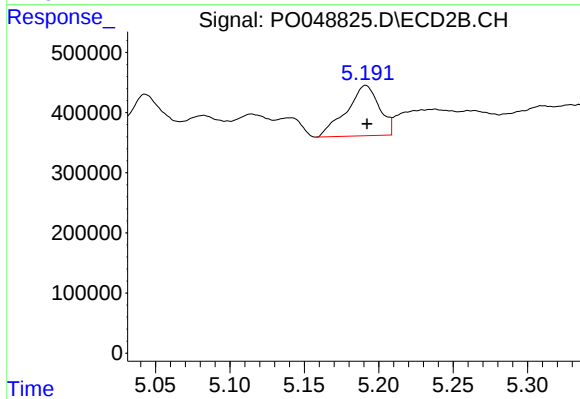
#13 AR-1232-3

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 366484
Conc: 210.44 ng/ml



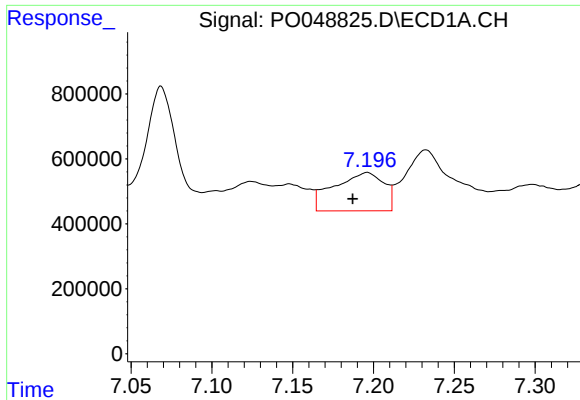
#14 AR-1232-4

R.T.: 6.315 min
Delta R.T.: 0.004 min
Response: 1085425
Conc: 2739.91 ng/ml



#14 AR-1232-4

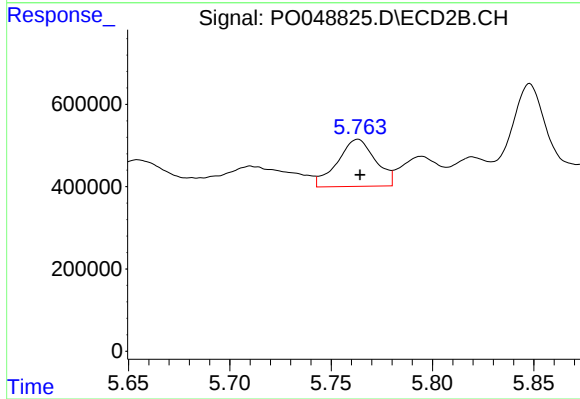
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 1286075
Conc: 695.48 ng/ml



#15 AR-1232-5

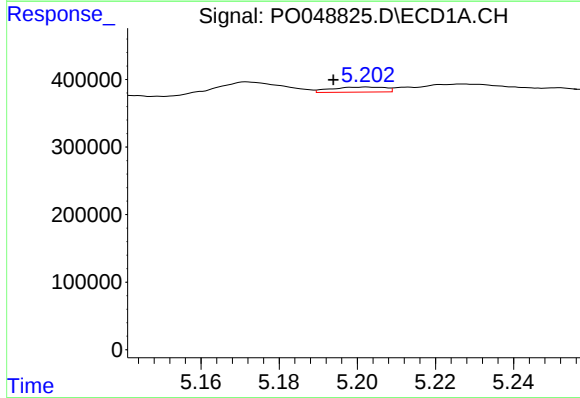
R.T.: 7.196 min
Delta R.T.: 0.009 min
Response: 2531702
Conc: 10770.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



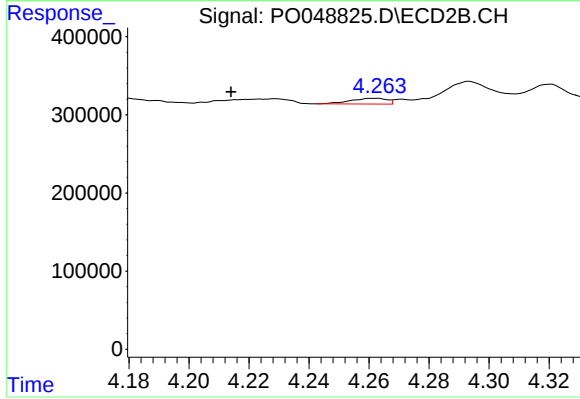
#15 AR-1232-5

R.T.: 5.763 min
Delta R.T.: -0.001 min
Response: 1496576
Conc: 5973.17 ng/ml



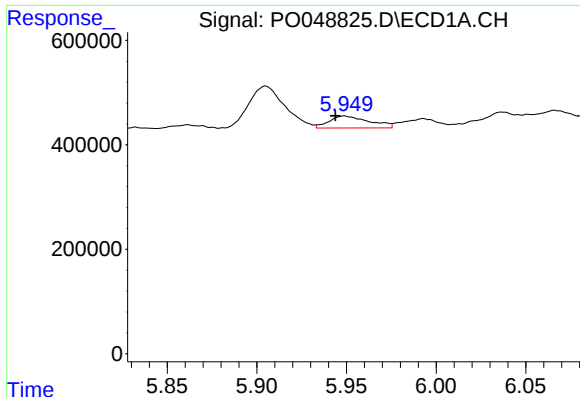
#16 AR-1242-1

R.T.: 5.202 min
Delta R.T.: 0.009 min
Response: 72087
Conc: 48.37 ng/ml



#16 AR-1242-1

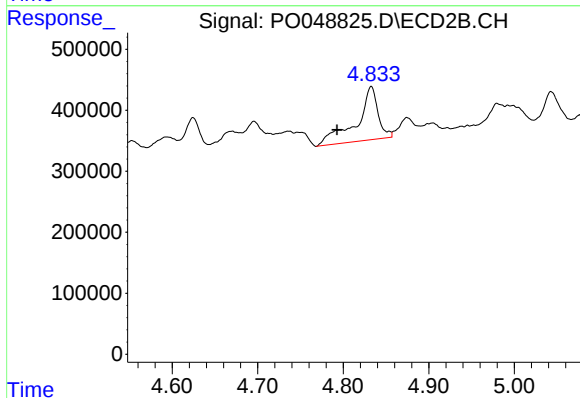
R.T.: 4.262 min
Delta R.T.: 0.048 min
Response: 62170
Conc: 31.68 ng/ml



#17 AR-1242-2

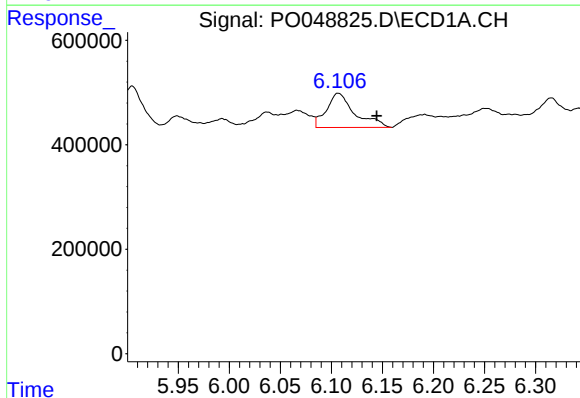
R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 360021
Conc: 125.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



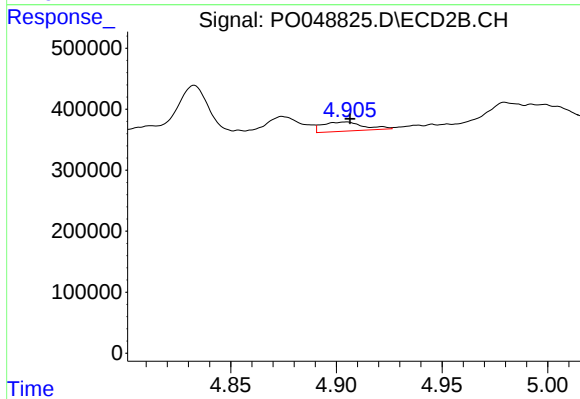
#17 AR-1242-2

R.T.: 4.833 min
Delta R.T.: 0.040 min
Response: 1521934
Conc: 376.20 ng/ml



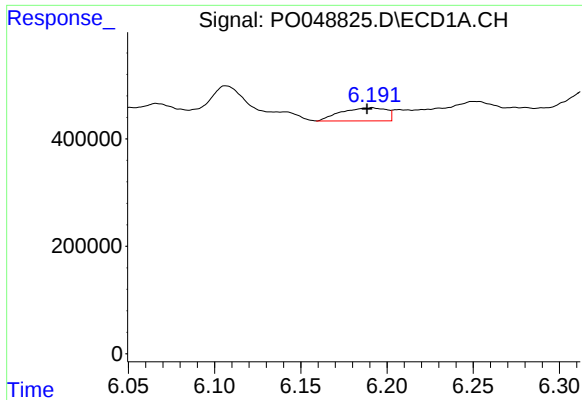
#18 AR-1242-3

R.T.: 6.107 min
Delta R.T.: -0.038 min
Response: 1258602
Conc: 879.43 ng/ml



#18 AR-1242-3

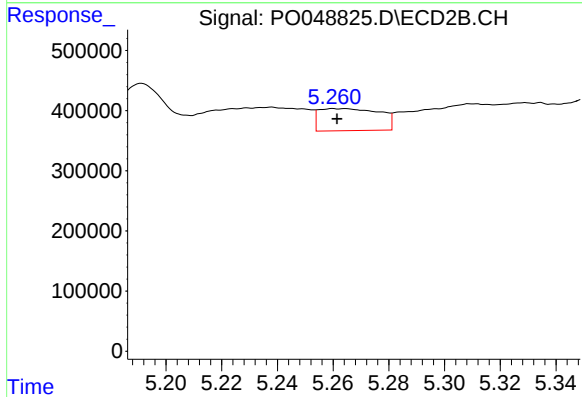
R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 204194
Conc: 142.62 ng/ml



#19 AR-1242-4

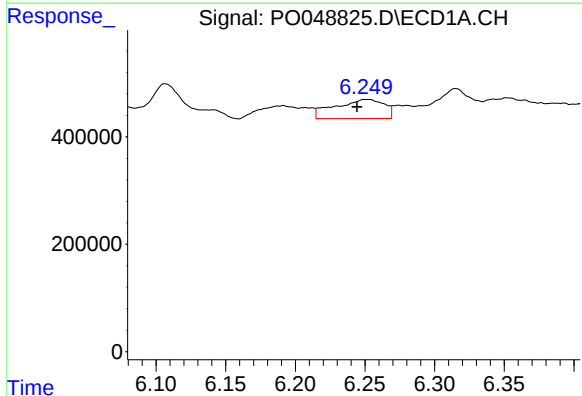
R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 442768
Conc: 401.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



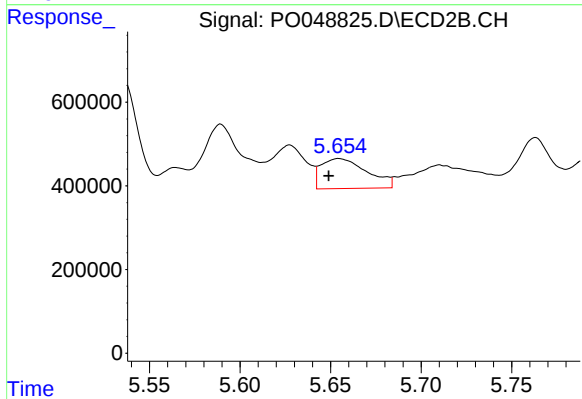
#19 AR-1242-4

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 556629
Conc: 459.90 ng/ml



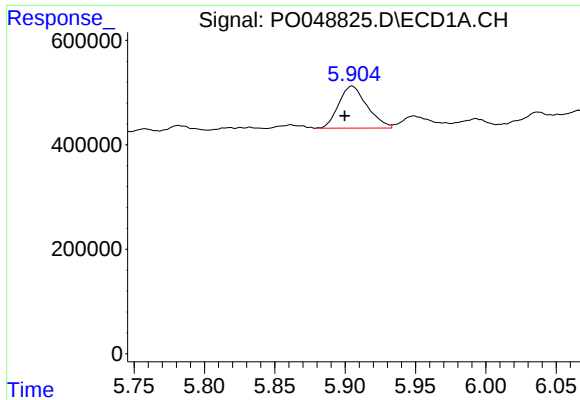
#20 AR-1242-5

R.T.: 6.251 min
Delta R.T.: 0.007 min
Response: 882004
Conc: 232.03 ng/ml



#20 AR-1242-5

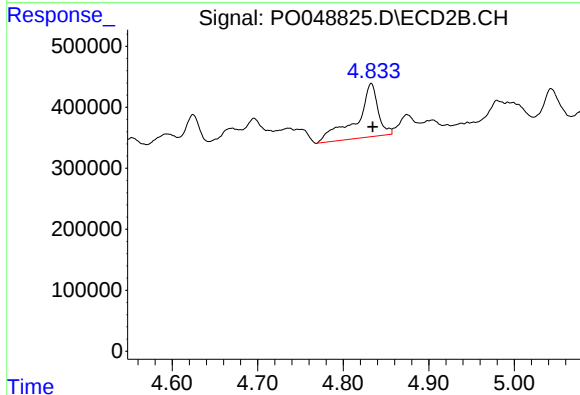
R.T.: 5.655 min
Delta R.T.: 0.006 min
Response: 1269994
Conc: 410.73 ng/ml



#21 AR-1248-1

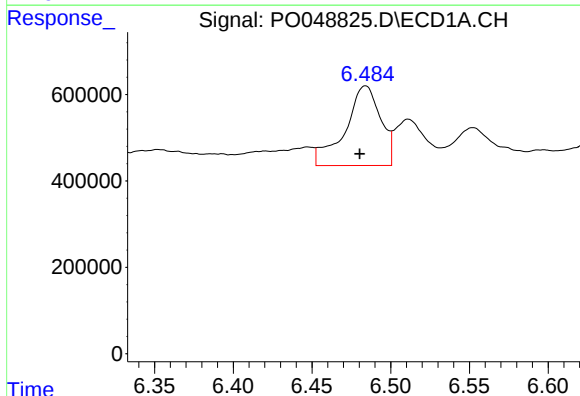
R.T.: 5.905 min
Delta R.T.: 0.005 min
Response: 1132871
Conc: 226.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



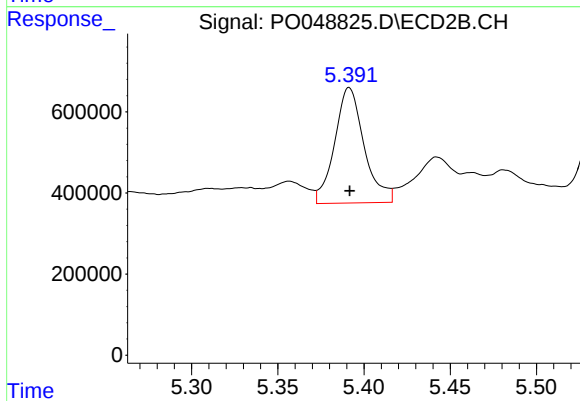
#21 AR-1248-1

R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 1521934
Conc: 286.62 ng/ml



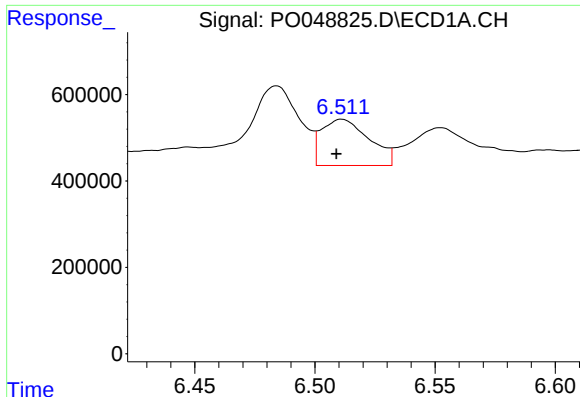
#22 AR-1248-2

R.T.: 6.484 min
Delta R.T.: 0.004 min
Response: 2896775
Conc: 553.51 ng/ml



#22 AR-1248-2

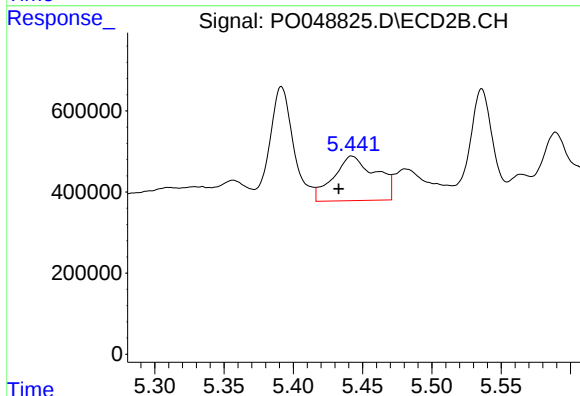
R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 3386326
Conc: 352.63 ng/ml



#23 AR-1248-3

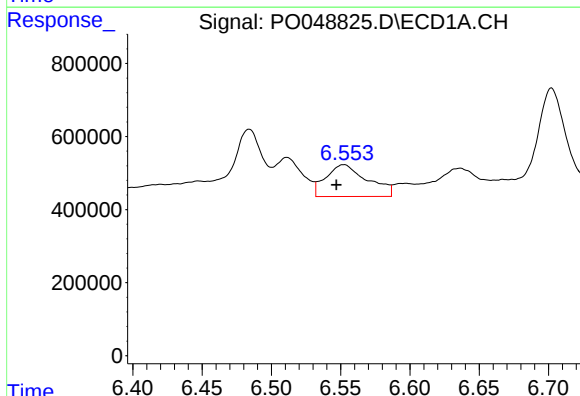
R.T.: 6.511 min
Delta R.T.: 0.002 min
Response: 1477267
Conc: 217.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



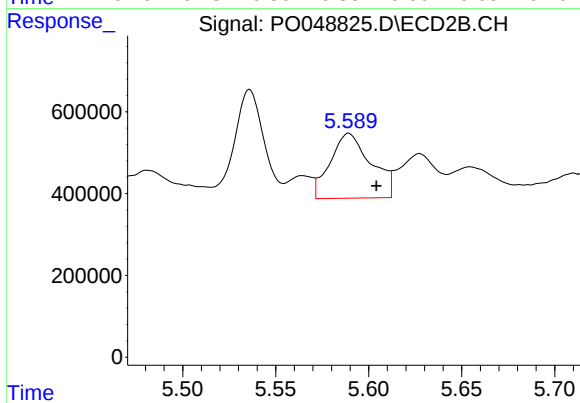
#23 AR-1248-3

R.T.: 5.442 min
Delta R.T.: 0.010 min
Response: 2339253
Conc: 343.72 ng/ml



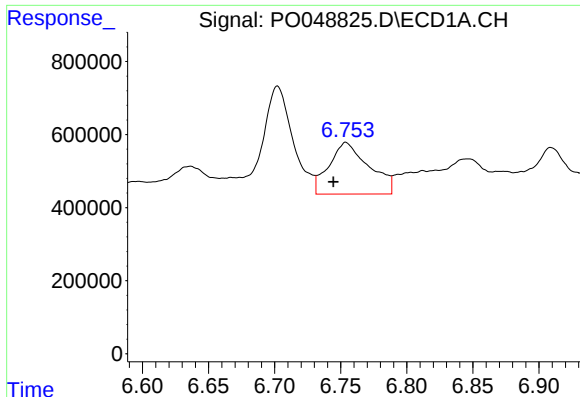
#24 AR-1248-4

R.T.: 6.552 min
Delta R.T.: 0.005 min
Response: 1814911
Conc: 275.66 ng/ml



#24 AR-1248-4

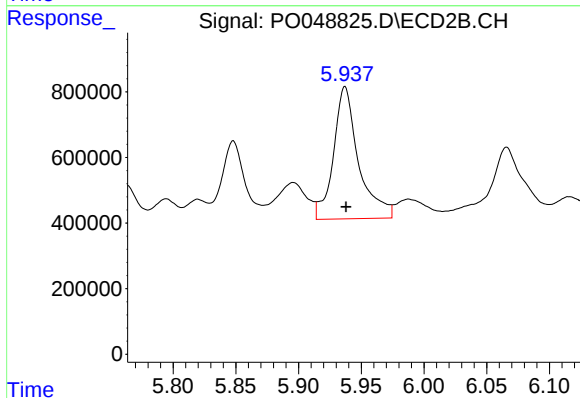
R.T.: 5.589 min
Delta R.T.: -0.015 min
Response: 2421755
Conc: 398.63 ng/ml



#25 AR-1248-5

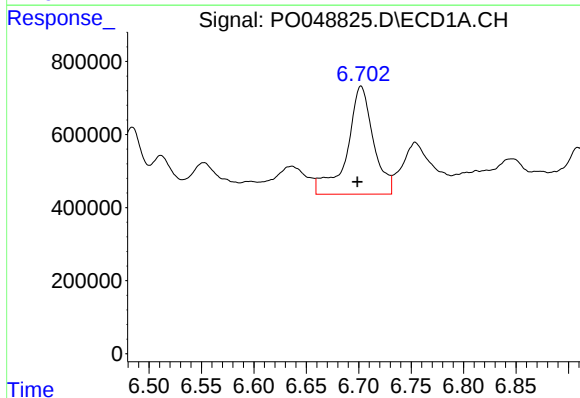
R.T.: 6.754 min
Delta R.T.: 0.010 min
Response: 2970669
Conc: 653.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



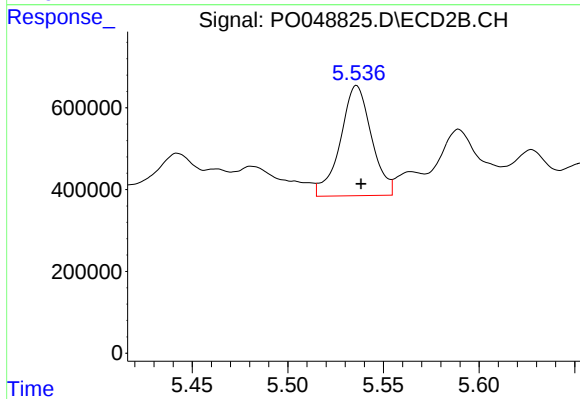
#25 AR-1248-5

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 5616941
Conc: 1206.86 ng/ml



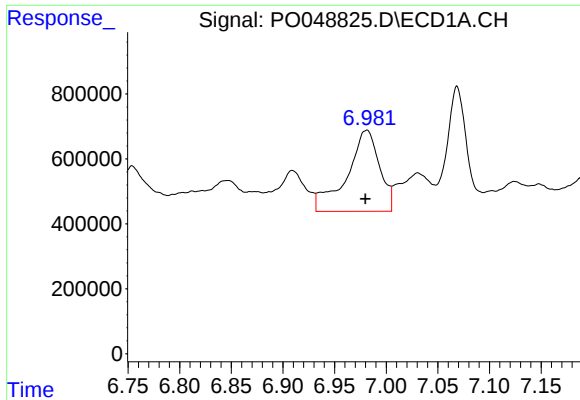
#26 AR-1254-1

R.T.: 6.702 min
Delta R.T.: 0.004 min
Response: 5159580
Conc: 455.41 ng/ml



#26 AR-1254-1

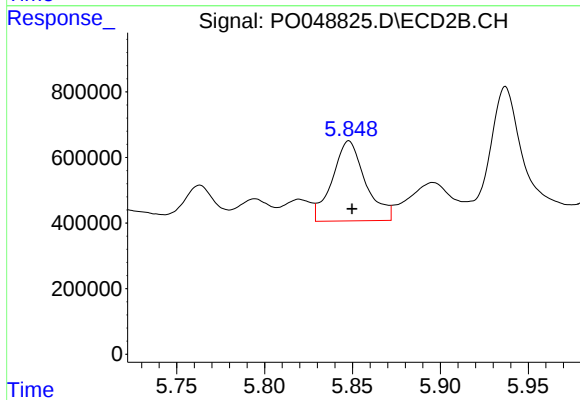
R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 3052970
Conc: 300.87 ng/ml



#27 AR-1254-2

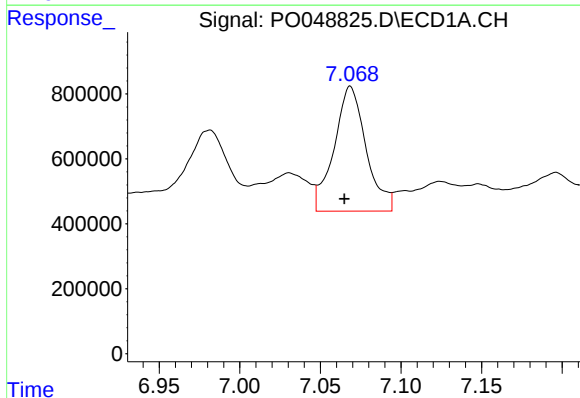
R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 5514046
Conc: 750.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



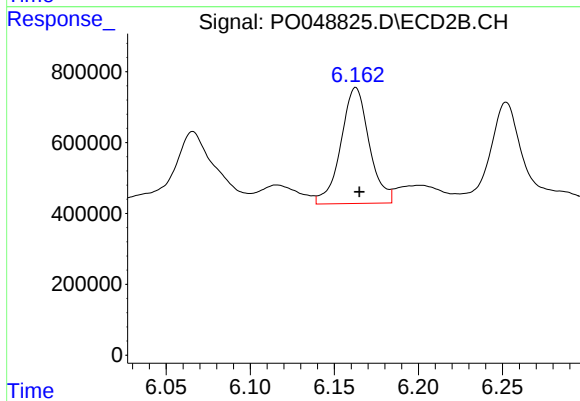
#27 AR-1254-2

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 3200765
Conc: 362.84 ng/ml



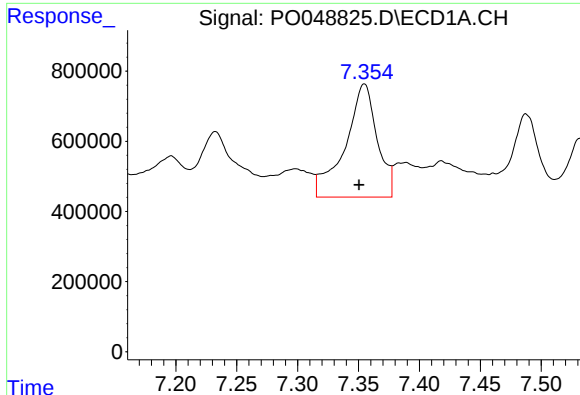
#28 AR-1254-3

R.T.: 7.069 min
Delta R.T.: 0.004 min
Response: 5308818
Conc: 416.86 ng/ml



#28 AR-1254-3

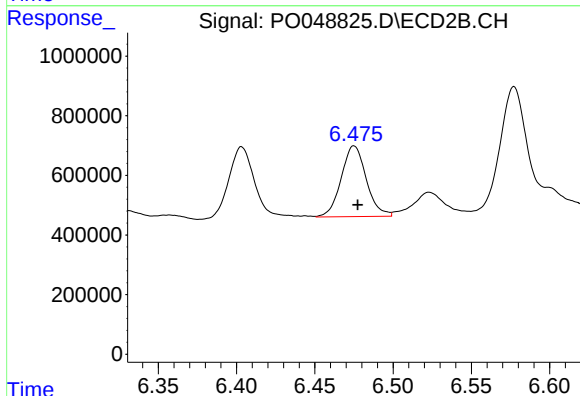
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 3846385
Conc: 348.96 ng/ml



#29 AR-1254-4

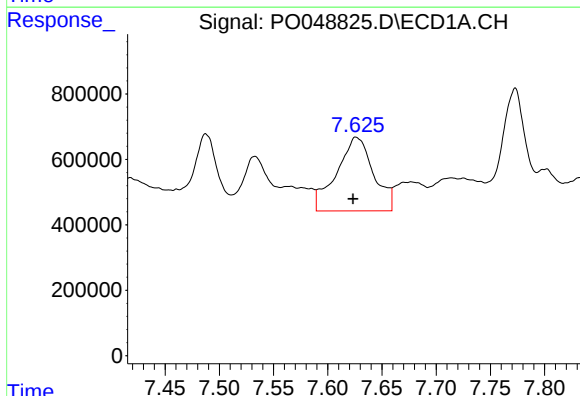
R.T.: 7.355 min
Delta R.T.: 0.004 min
Response: 5907588
Conc: 609.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



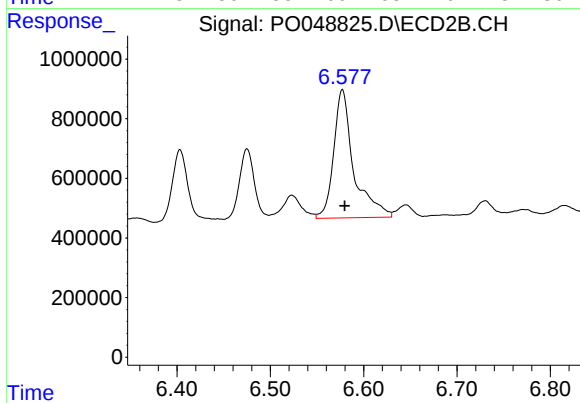
#29 AR-1254-4

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 2655649
Conc: 326.95 ng/ml



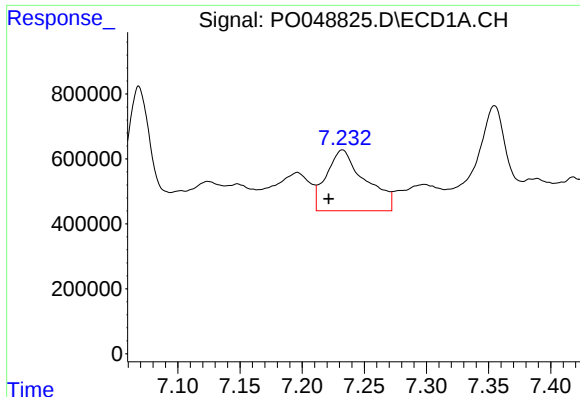
#30 AR-1254-5

R.T.: 7.626 min
Delta R.T.: 0.003 min
Response: 5331889
Conc: 689.88 ng/ml



#30 AR-1254-5

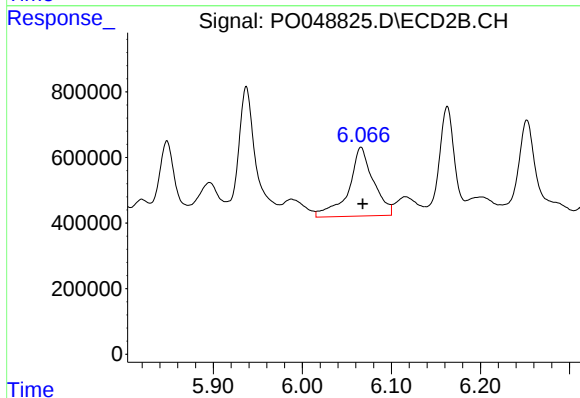
R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 6413984
Conc: 423.20 ng/ml



#31 AR-1260-1

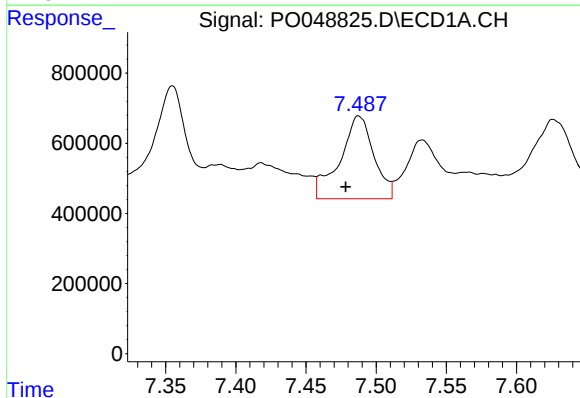
R.T.: 7.232 min
Delta R.T.: 0.011 min
Response: 4079926
Conc: 495.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



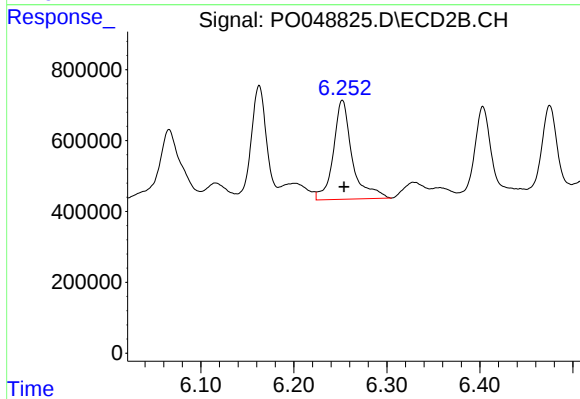
#31 AR-1260-1

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 4045364
Conc: 388.59 ng/ml



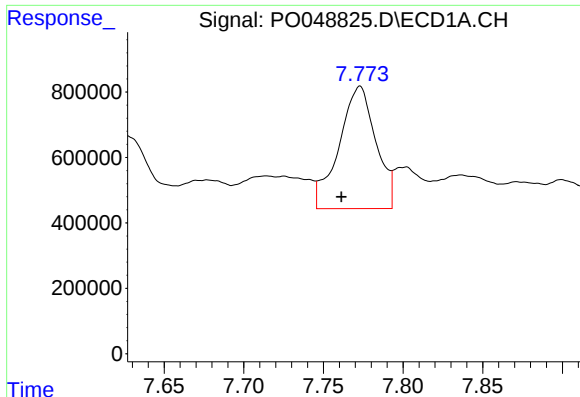
#32 AR-1260-2

R.T.: 7.488 min
Delta R.T.: 0.009 min
Response: 3988956
Conc: 405.94 ng/ml



#32 AR-1260-2

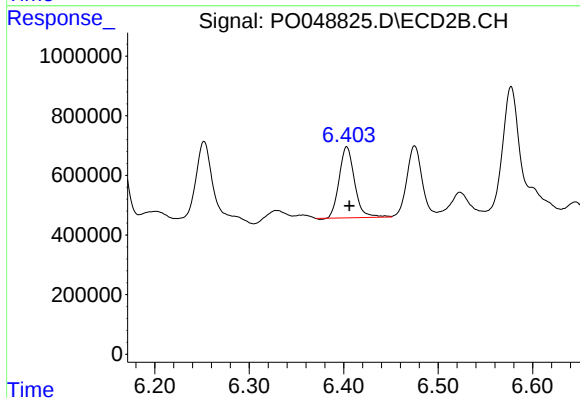
R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 3942076
Conc: 314.80 ng/ml



#33 AR-1260-3

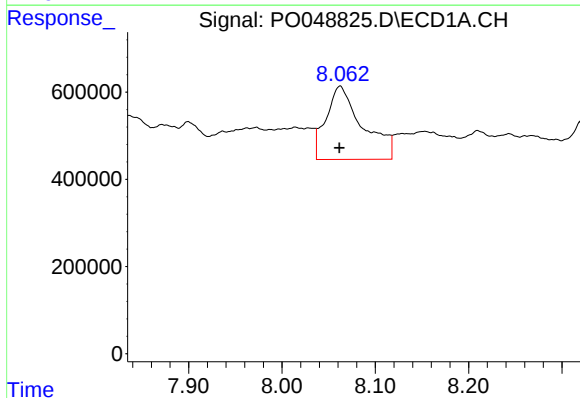
R.T.: 7.773 min
Delta R.T.: 0.012 min
Response: 6027321
Conc: 505.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



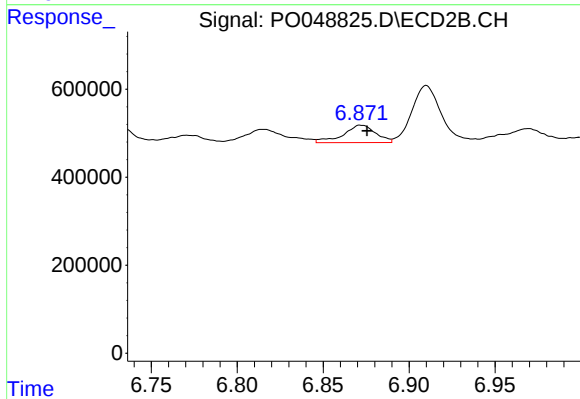
#33 AR-1260-3

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 2698033
Conc: 227.41 ng/ml



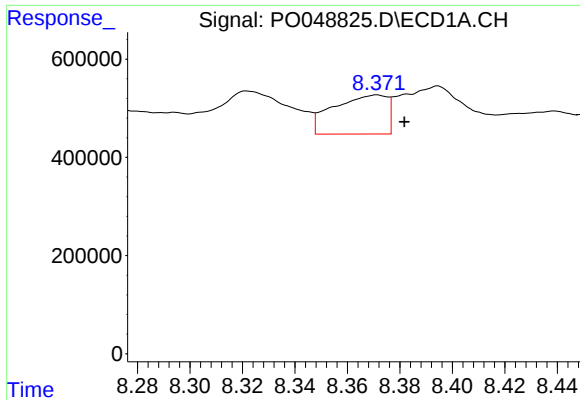
#34 AR-1260-4

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 4578296
Conc: 533.42 ng/ml



#34 AR-1260-4

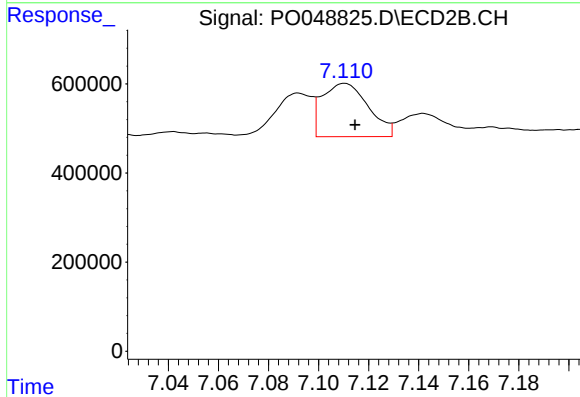
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 519744
Conc: 54.94 ng/ml



#35 AR-1260-5

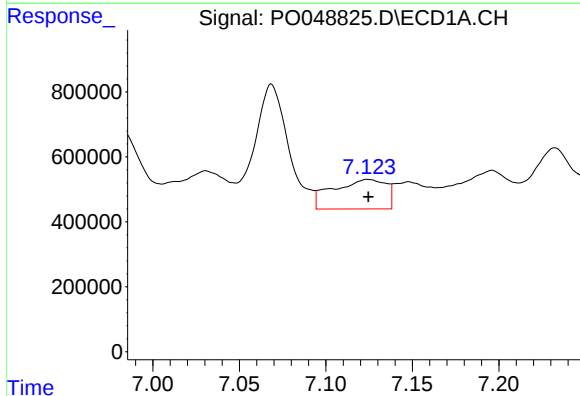
R.T.: 8.371 min
Delta R.T.: -0.010 min
Response: 1132868
Conc: 68.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



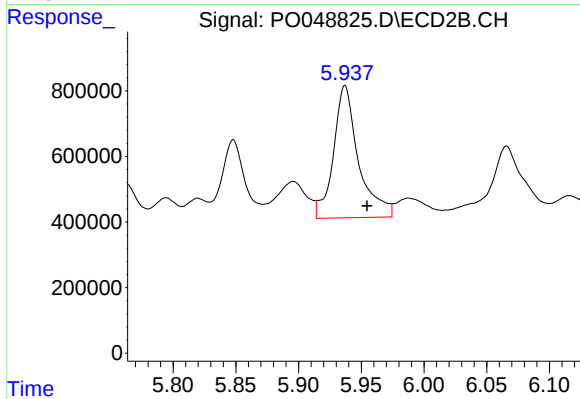
#35 AR-1260-5

R.T.: 7.110 min
Delta R.T.: -0.004 min
Response: 1533174
Conc: 70.60 ng/ml



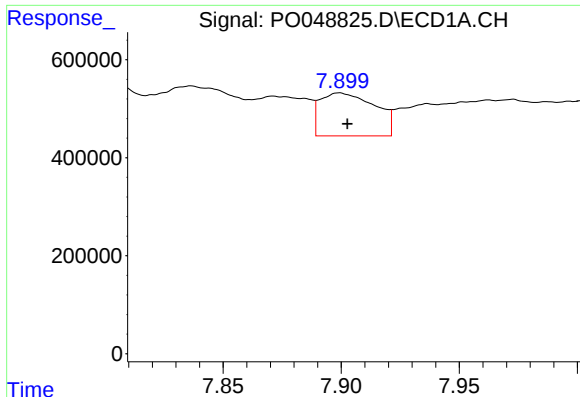
#36 AR-1262-1

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 1945857
Conc: 398.52 ng/ml



#36 AR-1262-1

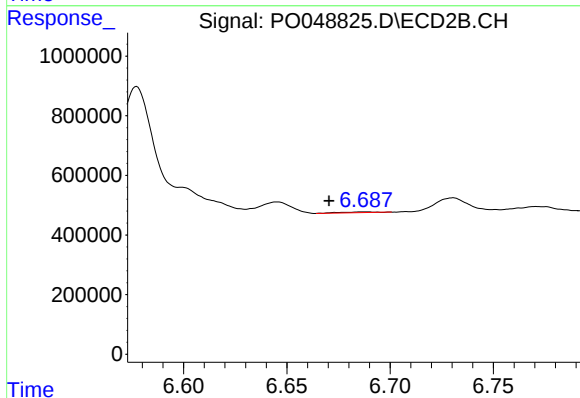
R.T.: 5.937 min
Delta R.T.: -0.018 min
Response: 5616941
Conc: 1020.42 ng/ml



#37 AR-1262-2

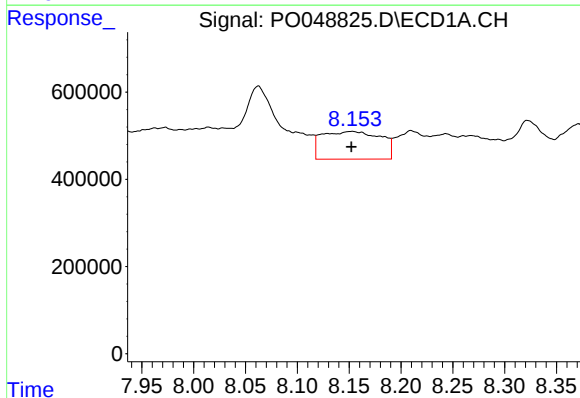
R.T.: 7.899 min
Delta R.T.: -0.003 min
Response: 1418421
Conc: 326.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



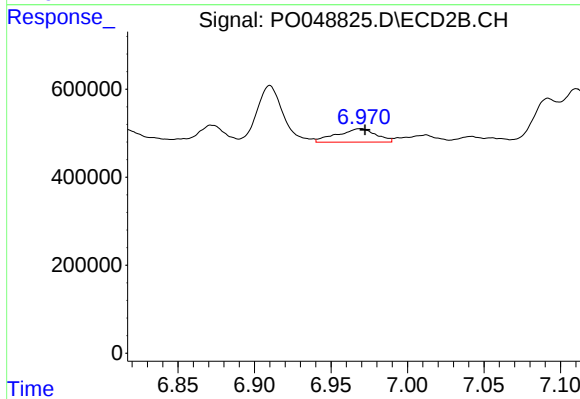
#37 AR-1262-2

R.T.: 6.688 min
Delta R.T.: 0.017 min
Response: 39022
Conc: 7.21 ng/ml



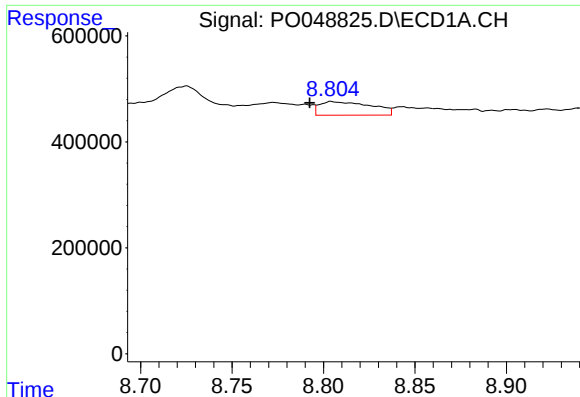
#38 AR-1262-3

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 2503269
Conc: 515.27 ng/ml



#38 AR-1262-3

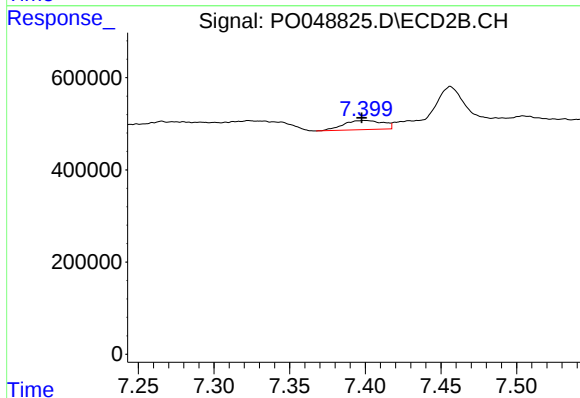
R.T.: 6.969 min
Delta R.T.: -0.003 min
Response: 538151
Conc: 90.22 ng/ml



#39 AR-1262-4

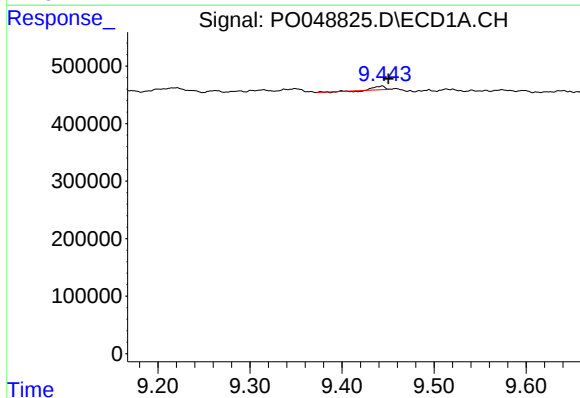
R.T.: 8.805 min
Delta R.T.: 0.012 min
Response: 505508
Conc: 96.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



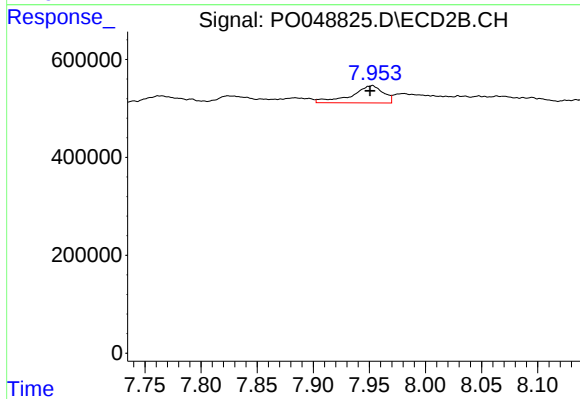
#39 AR-1262-4

R.T.: 7.400 min
Delta R.T.: 0.002 min
Response: 358769
Conc: 40.42 ng/ml



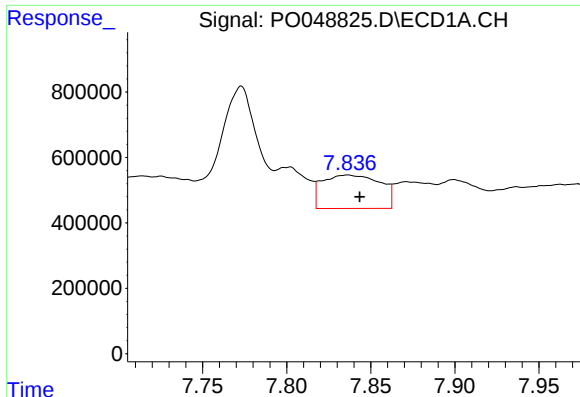
#40 AR-1262-5

R.T.: 9.444 min
Delta R.T.: -0.007 min
Response: 45792
Conc: 6.82 ng/ml



#40 AR-1262-5

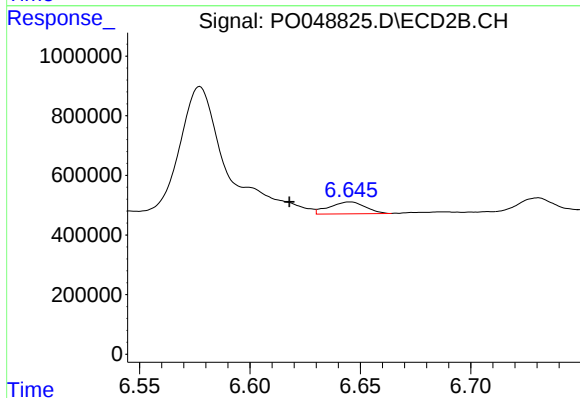
R.T.: 7.953 min
Delta R.T.: 0.002 min
Response: 698380
Conc: 92.33 ng/ml



#41 AR-1268-1

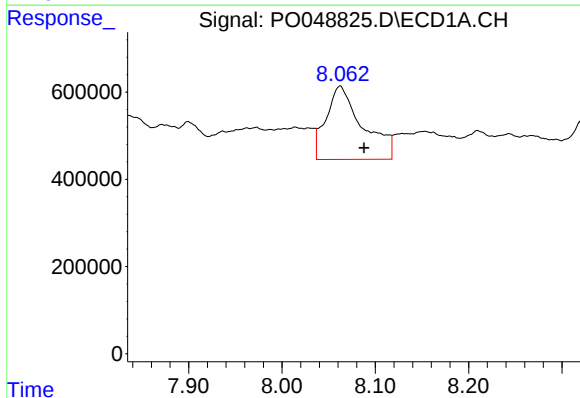
R.T.: 7.836 min
Delta R.T.: -0.007 min
Response: 2444747
Conc: 572.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



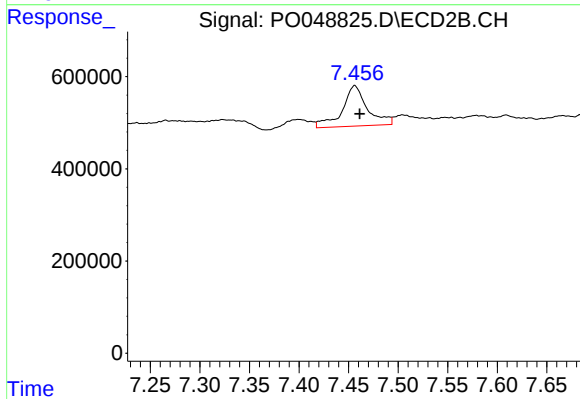
#41 AR-1268-1

R.T.: 6.645 min
Delta R.T.: 0.027 min
Response: 452863
Conc: 82.98 ng/ml



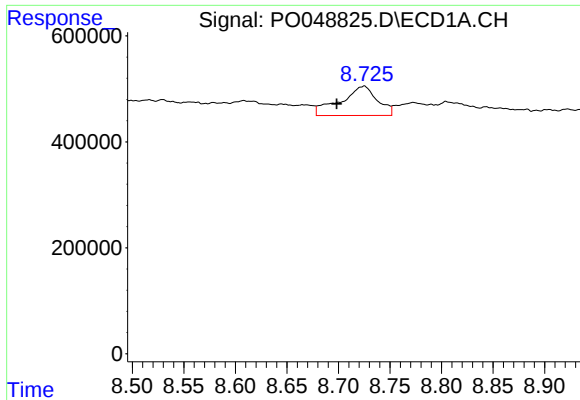
#42 AR-1268-2

R.T.: 8.062 min
Delta R.T.: -0.026 min
Response: 4578296
Conc: 839.26 ng/ml



#42 AR-1268-2

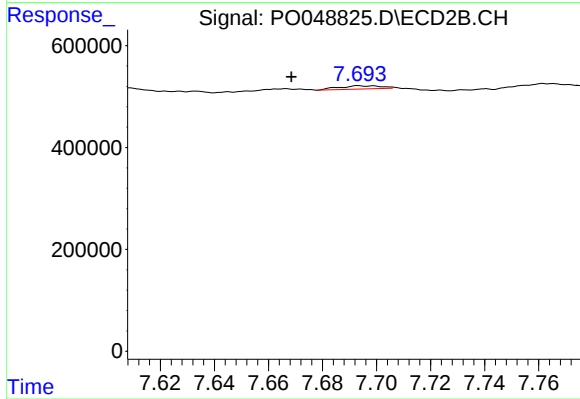
R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 1546125
Conc: 65.03 ng/ml



#43 AR-1268-3

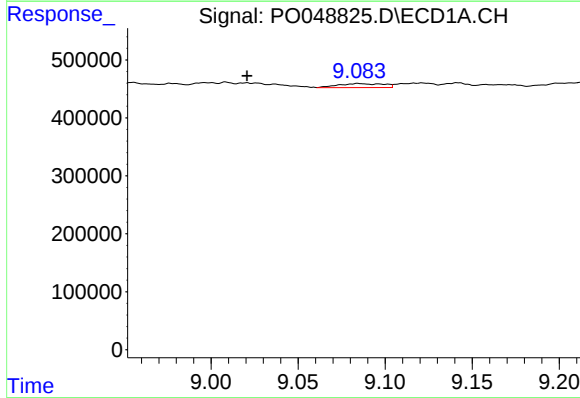
R.T.: 8.725 min
Delta R.T.: 0.027 min
Response: 1375918
Conc: 62.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



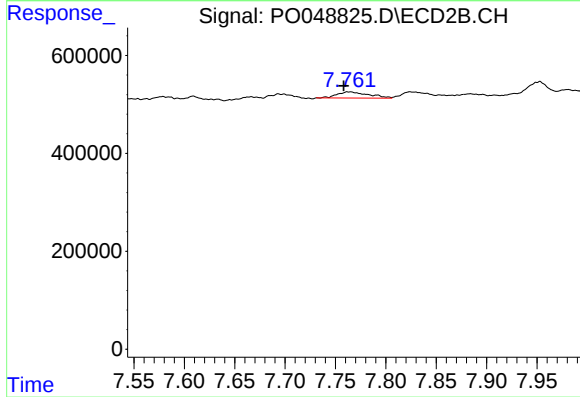
#43 AR-1268-3

R.T.: 7.699 min
Delta R.T.: 0.030 min
Response: 72333
Conc: 3.70 ng/ml



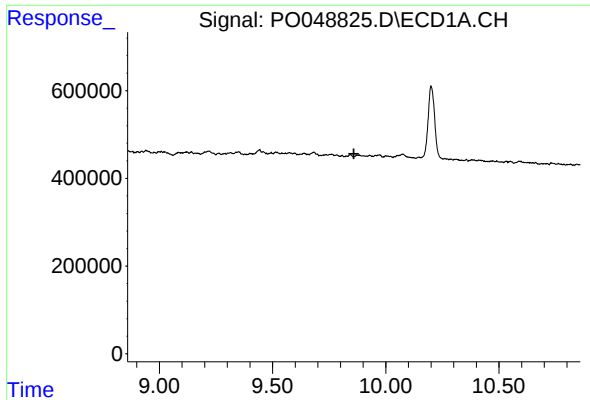
#44 AR-1268-4

R.T.: 9.084 min
Delta R.T.: 0.064 min
Response: 126526
Conc: 7.43 ng/ml



#44 AR-1268-4

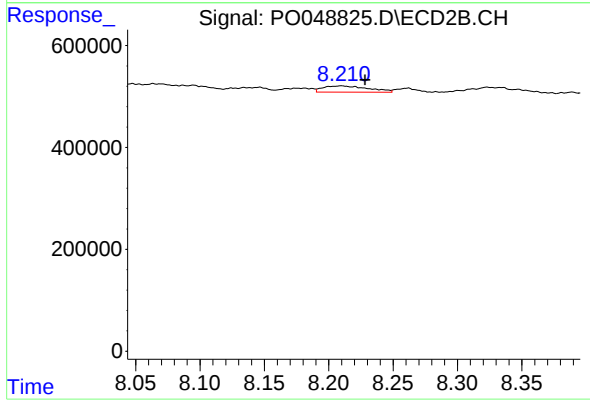
R.T.: 7.763 min
Delta R.T.: 0.005 min
Response: 276533
Conc: 49.23 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.210 min
Delta R.T.: -0.018 min
Response: 298690
Conc: 5.48 ng/ml