

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102621\
 Data File : PO082212.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Oct 2021 3:41
 Operator : AJ\MA
 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: Oct 27 05:19:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 19 04:37:47 2021
 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...	4.977	3.972	4178315	1419972	51.710	48.127
2)	SA Decachlor...	11.097	9.299	2906095	1166908	52.287	45.815
Target Compounds							
3)	L1 AR-1016-1	6.312	5.234	1290504	574200	509.857	473.656
4)	L1 AR-1016-2	6.335	5.254	1853629	798232	513.034	482.472
5)	L1 AR-1016-3	6.402	5.445	1131490	427821	530.748	480.705
6)	L1 AR-1016-4	6.510	5.499	912500	349088	519.184	480.521
7)	L1 AR-1016-5	6.828	5.728	901500	425180	528.270	477.155
8)	L2 AR-1221-1	5.224	4.230	148232	55058	171.524	149.124
9)	L2 AR-1221-2	5.331	4.330	203582	74680	316.802	266.651
10)	L2 AR-1221-3	5.418	4.419	744927	293195	365.515	347.734
11)	L3 AR-1232-1	5.418	4.419	744927	293195	493.927	445.482
12)	L3 AR-1232-2	6.013	5.254	994798	798232	1214.231	1117.278
13)	L3 AR-1232-3	6.335	5.445	1853629	427821	1254.349	1128.784
14)	L3 AR-1232-4	6.510	5.543	912500	408561	1288.837	1164.229
15)	L3 AR-1232-5	6.609	5.728	745879	425180	1469.980	1119.699
16)	L4 AR-1242-1	6.312	5.234	1290504	574200	679.810	627.297
17)	L4 AR-1242-2	6.335	5.254	1853629	798232	690.630	650.509
18)	L4 AR-1242-3	6.402	5.445	1131490	427821	699.551	635.894
19)	L4 AR-1242-4	6.510	5.543	912500	408561	714.709	608.638
20)	L4 AR-1242-5	7.299	6.109	137644	353960	108.221	411.943 #
21)	L5 AR-1248-1	6.312	5.234	1290504	574200	867.176	786.044
22)	L5 AR-1248-2	6.609	5.499	745879	349088	383.583	363.018
23)	L5 AR-1248-3	6.828	5.543	901500	408561	415.000	414.560
24)	L5 AR-1248-4	7.260	5.728	166403	425180	70.531	369.895 #
25)	L5 AR-1248-5	7.299	6.152	137644	53793	61.766	49.515
26)	L6 AR-1254-1	7.229	6.109	707141	353960	295.270	212.543 #
27)	L6 AR-1254-2	7.460	6.270	678578	303963	186.031	203.594
28)	L6 AR-1254-3	7.845	6.711f	388856	590470	107.454	263.686 #
29)	L6 AR-1254-4	8.142	6.931	317936	80496	117.982	54.807 #
30)	L6 AR-1254-5	8.574	7.363	1974848	1011859	678.066	491.360 #
31)	L7 AR-1260-1	8.013	6.830	1530438	791892	542.257	478.382
32)	L7 AR-1260-2	8.281	7.029	1729363	940497	519.840	468.881
33)	L7 AR-1260-3	8.649	7.183	1150637	831080	510.498	438.695
34)	L7 AR-1260-4	8.882	7.669	1413570	618781	533.958	451.450
35)	L7 AR-1260-5	9.217	7.918	2725409	1539106	497.472	465.804
36)	L8 AR-1262-1	8.649	7.363	1150637	1011859	336.372	917.284 #
37)	L8 AR-1262-2	9.217	7.918	2725409	1539106	434.014	430.812
38)	L8 AR-1262-3	9.559f	8.207	1755979	387560	638.487	257.482 #
39)	L8 AR-1262-4	9.632	8.269	316959	1061709	189.303	398.909 #
40)	L8 AR-1262-5	10.321	8.770	755674	343961	331.605	272.306
41)	L9 AR-1268-1	9.559f	8.207	1755979	387560	235.072	91.974 #

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 Acq On : 27 Oct 2021 3:41
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

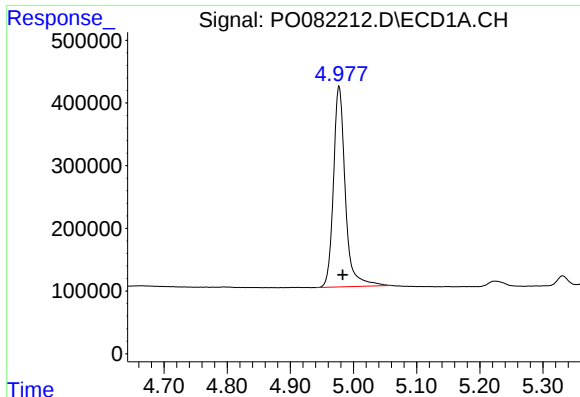
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 05:19:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
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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
42) L9	AR-1268-2	9.632	8.269	316959	1061709	46.852	279.494 #
43) L9	AR-1268-3	9.866	8.481	45579	25721	7.718	7.931
44) L9	AR-1268-4	10.321	8.770	755674	343961	298.620	247.610
45) L9	AR-1268-5	10.751	9.053	230702	104149	11.469	10.759

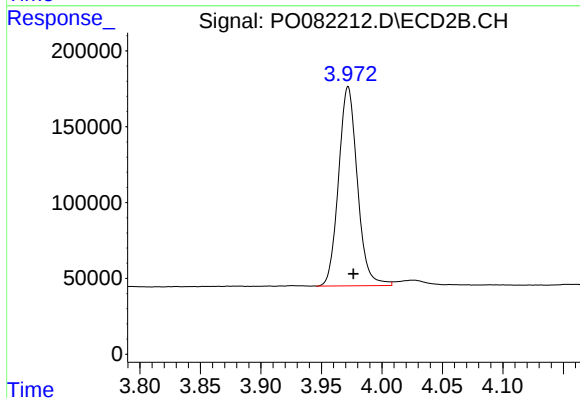
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

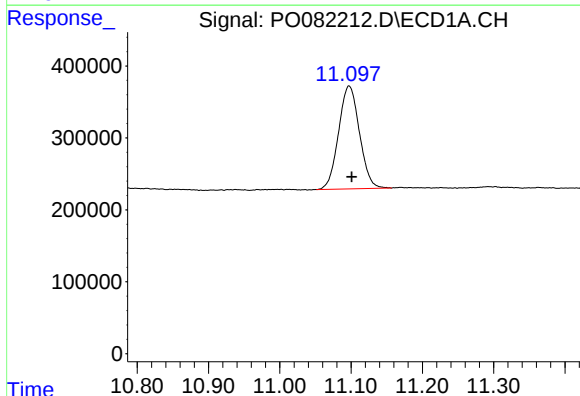
R.T.: 4.977 min
Delta R.T.: -0.006 min
Response: 4178315
Conc: 51.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



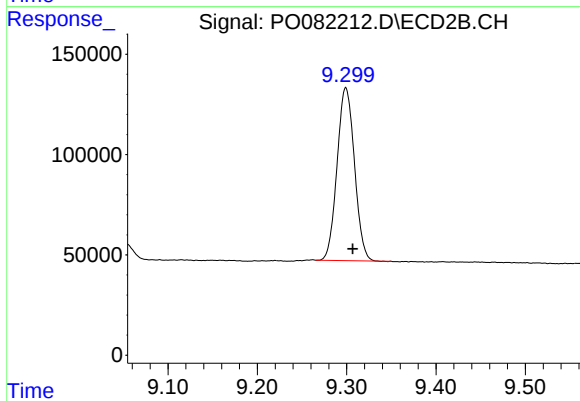
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 1419972
Conc: 48.13 ng/ml



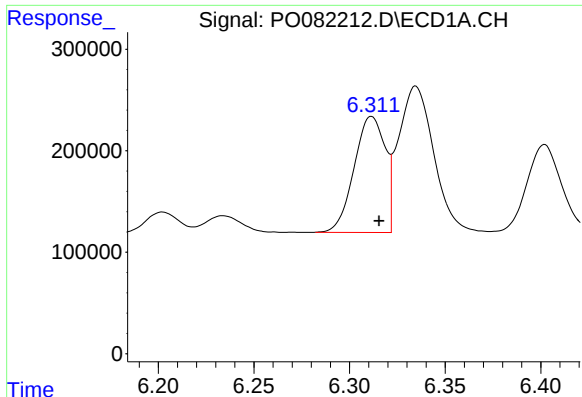
#2 Decachlorobiphenyl

R.T.: 11.097 min
Delta R.T.: -0.004 min
Response: 2906095
Conc: 52.29 ng/ml



#2 Decachlorobiphenyl

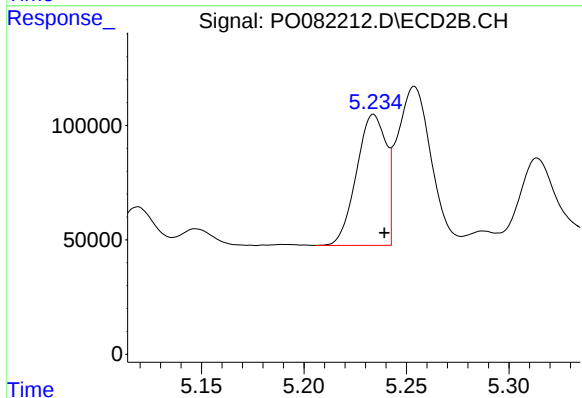
R.T.: 9.299 min
Delta R.T.: -0.008 min
Response: 1166908
Conc: 45.81 ng/ml



#3 AR-1016-1

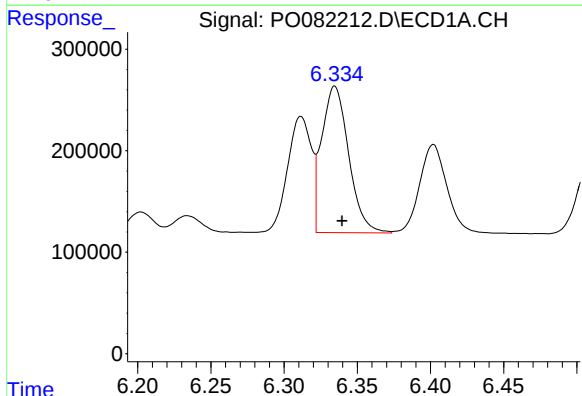
R.T.: 6.312 min
Delta R.T.: -0.004 min
Response: 1290504
Conc: 509.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



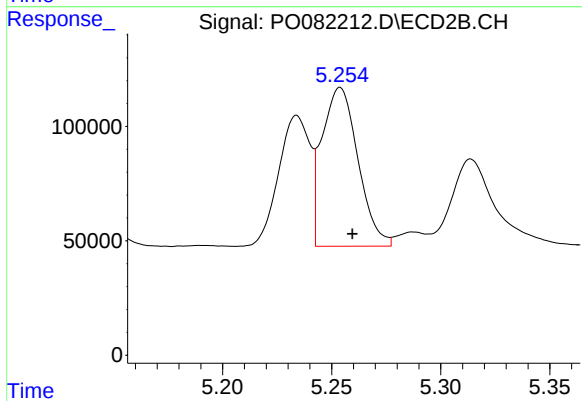
#3 AR-1016-1

R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 574200
Conc: 473.66 ng/ml



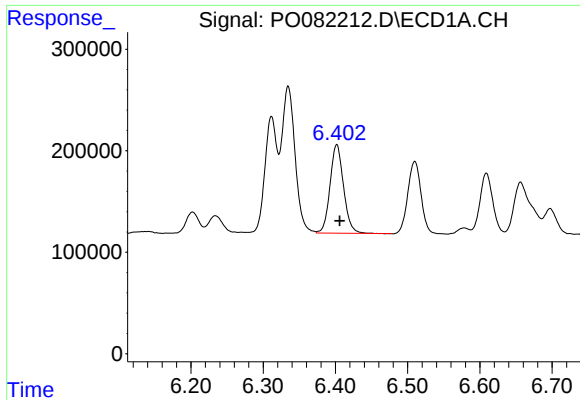
#4 AR-1016-2

R.T.: 6.335 min
Delta R.T.: -0.005 min
Response: 1853629
Conc: 513.03 ng/ml



#4 AR-1016-2

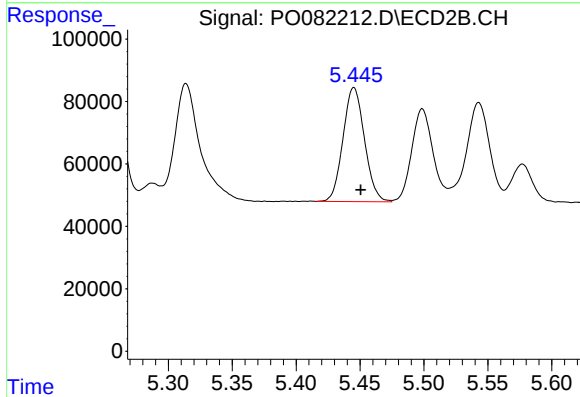
R.T.: 5.254 min
Delta R.T.: -0.006 min
Response: 798232
Conc: 482.47 ng/ml



#5 AR-1016-3

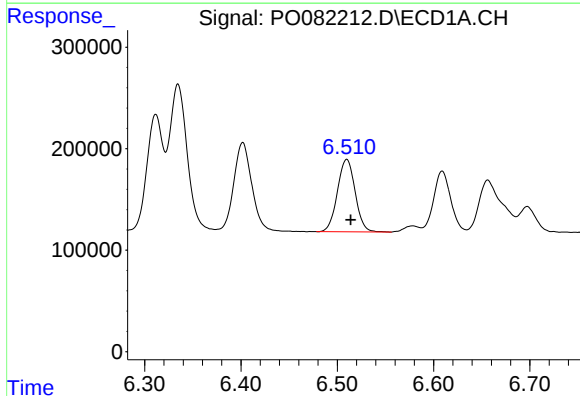
R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 1131490
Conc: 530.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



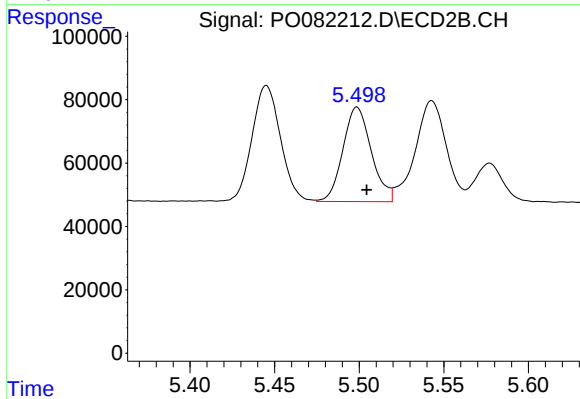
#5 AR-1016-3

R.T.: 5.445 min
Delta R.T.: -0.005 min
Response: 427821
Conc: 480.70 ng/ml



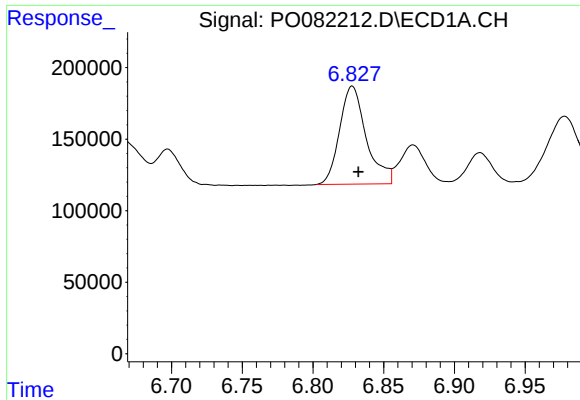
#6 AR-1016-4

R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 912500
Conc: 519.18 ng/ml



#6 AR-1016-4

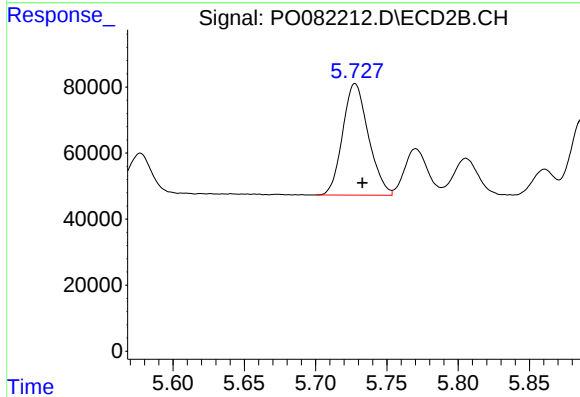
R.T.: 5.499 min
Delta R.T.: -0.006 min
Response: 349088
Conc: 480.52 ng/ml



#7 AR-1016-5

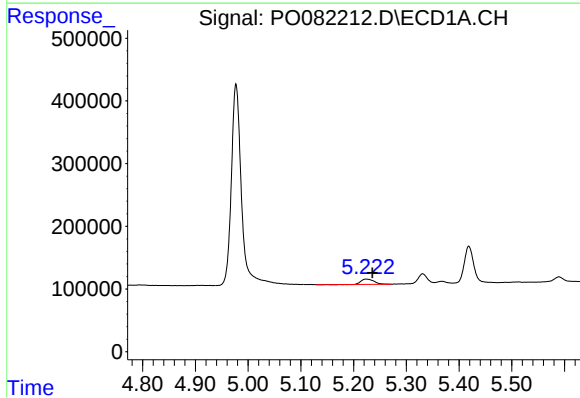
R.T.: 6.828 min
Delta R.T.: -0.004 min
Response: 901500
Conc: 528.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



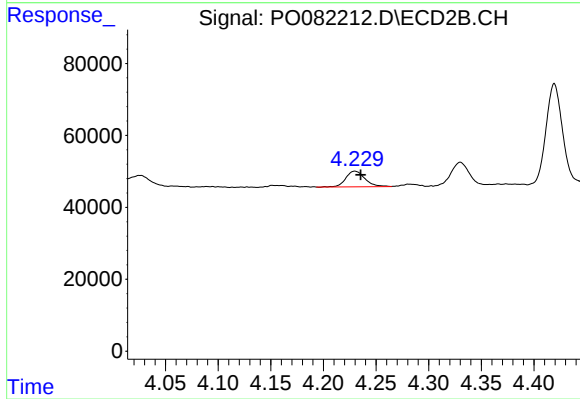
#7 AR-1016-5

R.T.: 5.728 min
Delta R.T.: -0.005 min
Response: 425180
Conc: 477.15 ng/ml



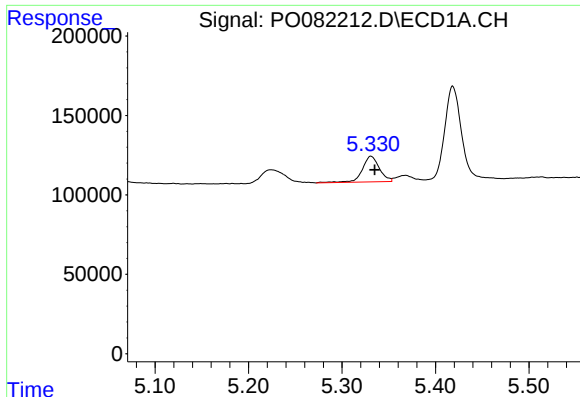
#8 AR-1221-1

R.T.: 5.224 min
Delta R.T.: -0.011 min
Response: 148232
Conc: 171.52 ng/ml



#8 AR-1221-1

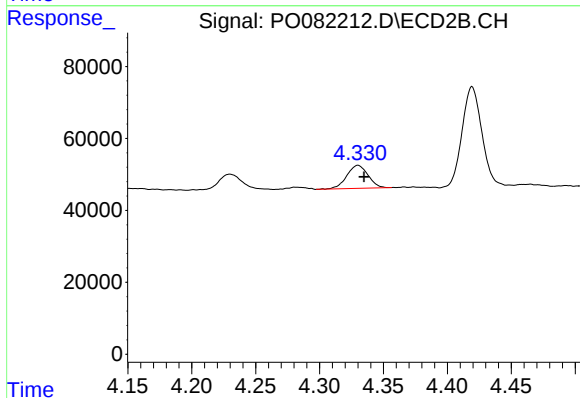
R.T.: 4.230 min
Delta R.T.: -0.006 min
Response: 55058
Conc: 149.12 ng/ml



#9 AR-1221-2

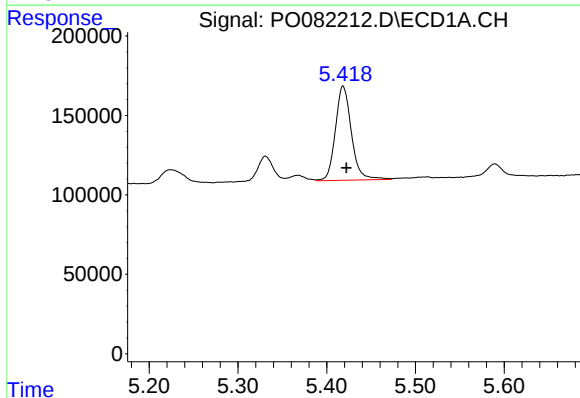
R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 203582
Conc: 316.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



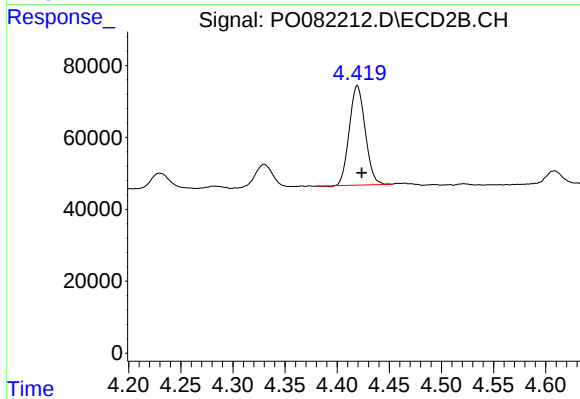
#9 AR-1221-2

R.T.: 4.330 min
Delta R.T.: -0.005 min
Response: 74680
Conc: 266.65 ng/ml



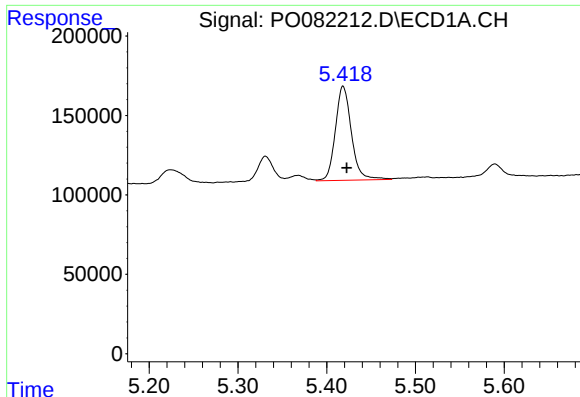
#10 AR-1221-3

R.T.: 5.418 min
Delta R.T.: -0.004 min
Response: 744927
Conc: 365.52 ng/ml



#10 AR-1221-3

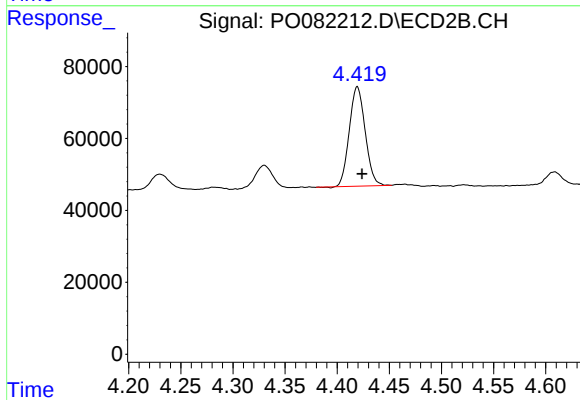
R.T.: 4.419 min
Delta R.T.: -0.004 min
Response: 293195
Conc: 347.73 ng/ml



#11 AR-1232-1

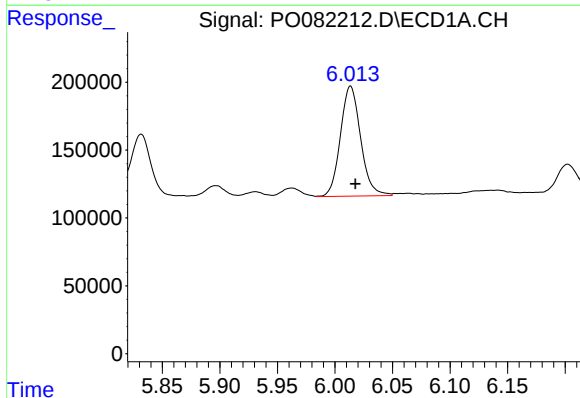
R.T.: 5.418 min
Delta R.T.: -0.004 min
Response: 744927
Conc: 493.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



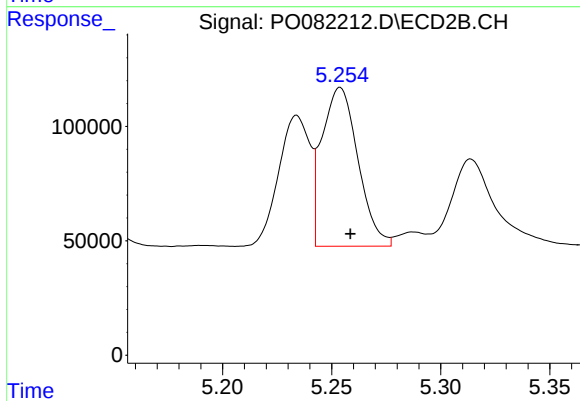
#11 AR-1232-1

R.T.: 4.419 min
Delta R.T.: -0.005 min
Response: 293195
Conc: 445.48 ng/ml



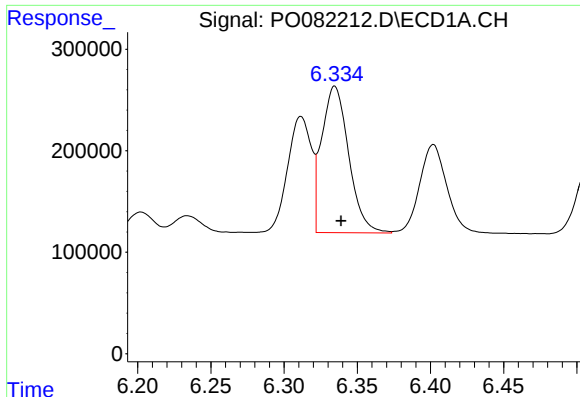
#12 AR-1232-2

R.T.: 6.013 min
Delta R.T.: -0.004 min
Response: 994798
Conc: 1214.23 ng/ml



#12 AR-1232-2

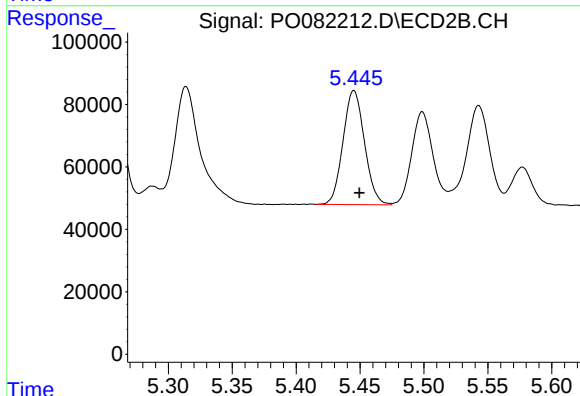
R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 798232
Conc: 1117.28 ng/ml



#13 AR-1232-3

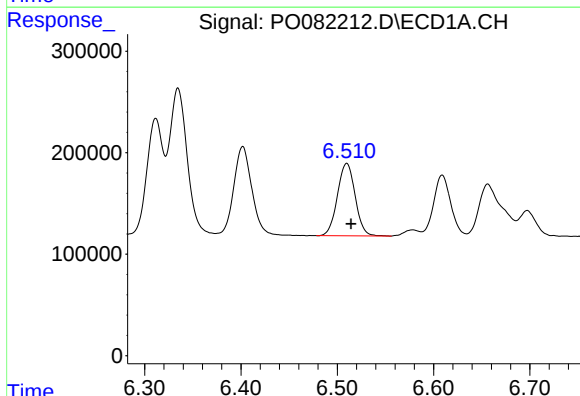
R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 1853629
Conc: 1254.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



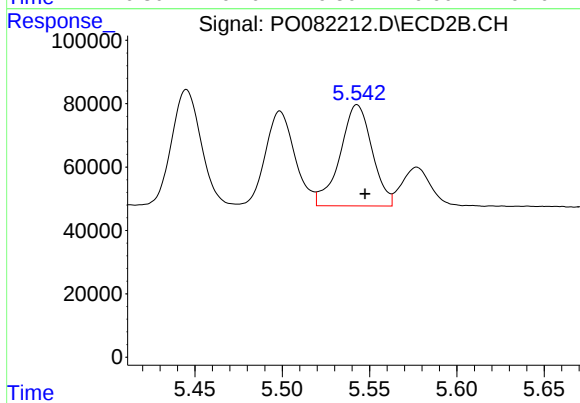
#13 AR-1232-3

R.T.: 5.445 min
Delta R.T.: -0.004 min
Response: 427821
Conc: 1128.78 ng/ml



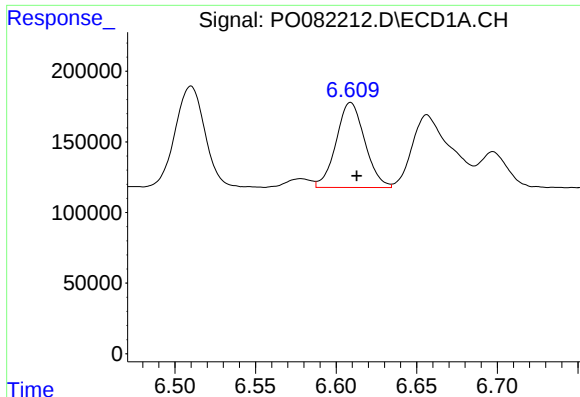
#14 AR-1232-4

R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 912500
Conc: 1288.84 ng/ml



#14 AR-1232-4

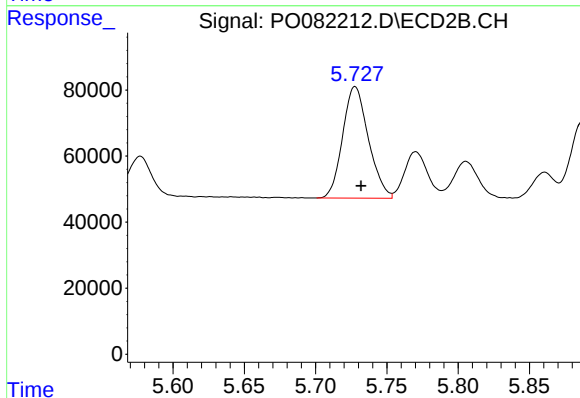
R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 408561
Conc: 1164.23 ng/ml



#15 AR-1232-5

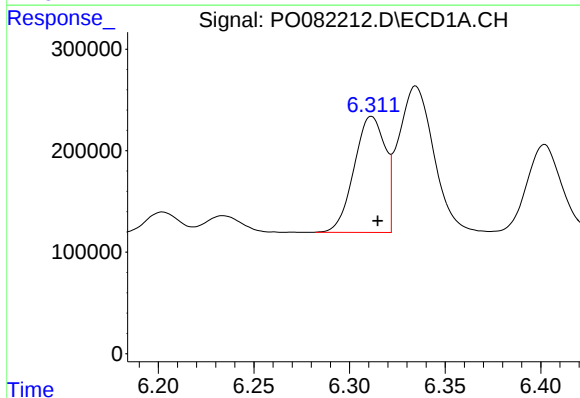
R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 745879
Conc: 1469.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



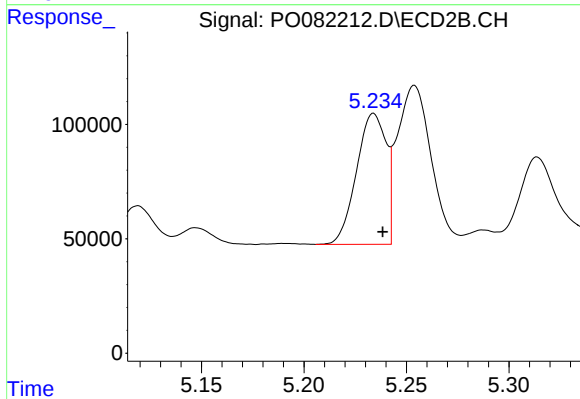
#15 AR-1232-5

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 425180
Conc: 1119.70 ng/ml



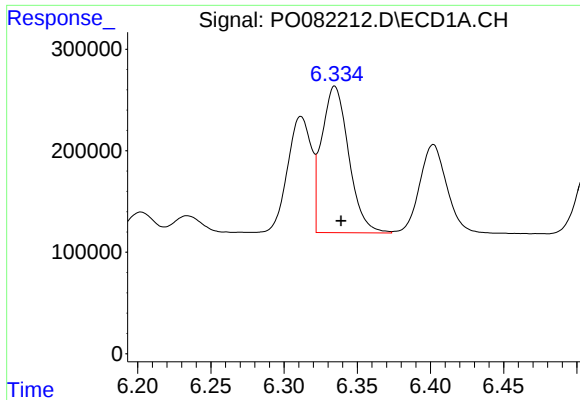
#16 AR-1242-1

R.T.: 6.312 min
Delta R.T.: -0.003 min
Response: 1290504
Conc: 679.81 ng/ml



#16 AR-1242-1

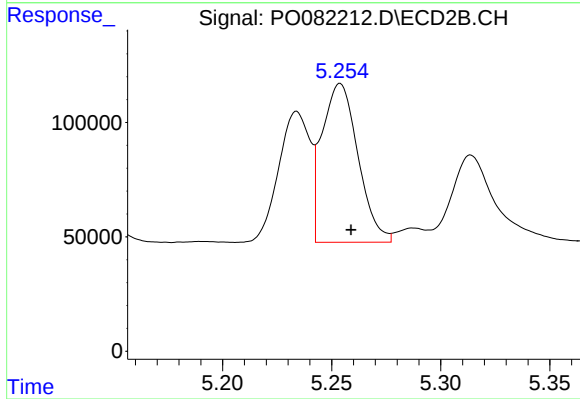
R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 574200
Conc: 627.30 ng/ml



#17 AR-1242-2

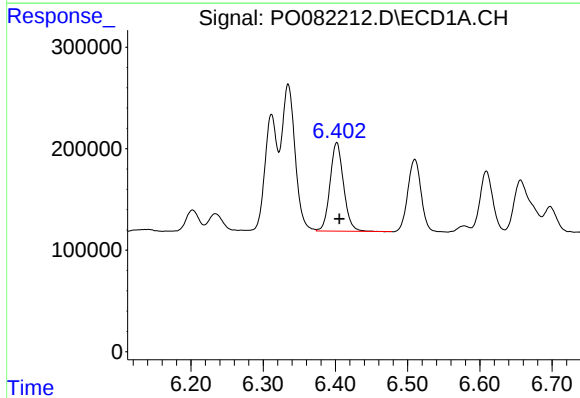
R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 1853629
Conc: 690.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



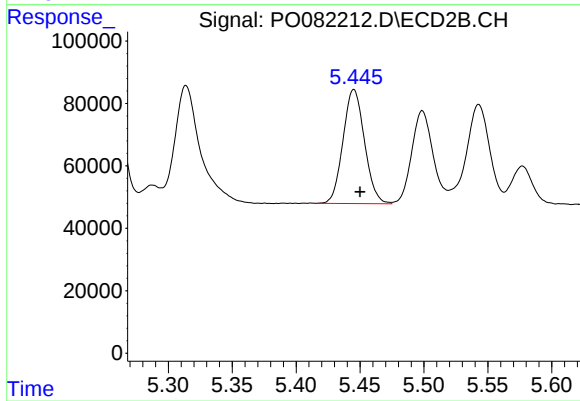
#17 AR-1242-2

R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 798232
Conc: 650.51 ng/ml



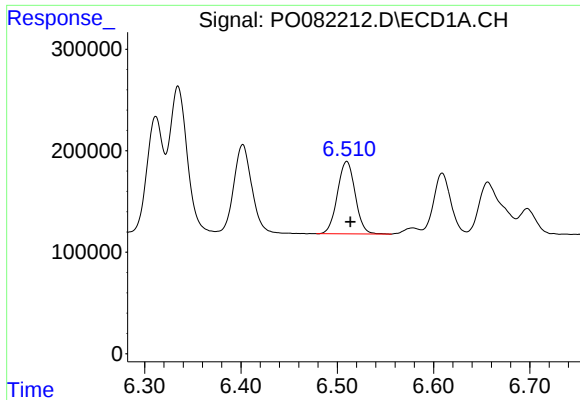
#18 AR-1242-3

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 1131490
Conc: 699.55 ng/ml



#18 AR-1242-3

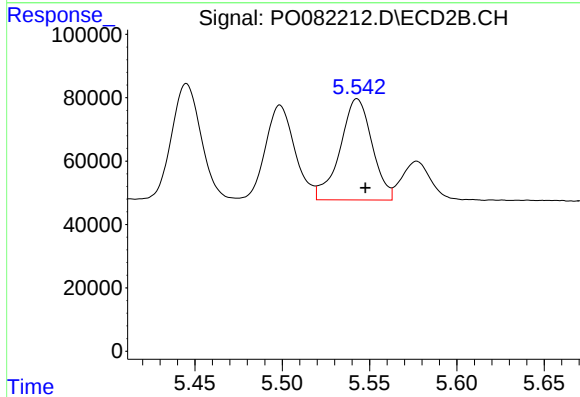
R.T.: 5.445 min
Delta R.T.: -0.005 min
Response: 427821
Conc: 635.89 ng/ml



#19 AR-1242-4

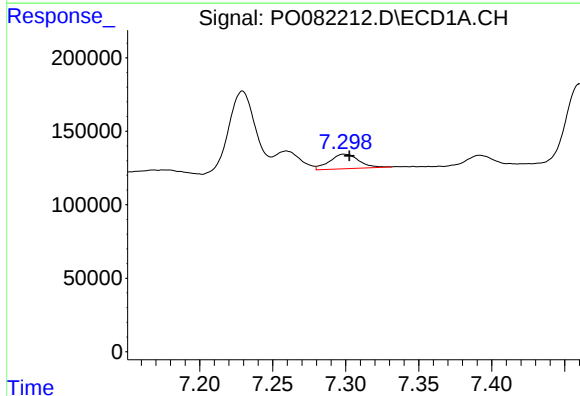
R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 912500
Conc: 714.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



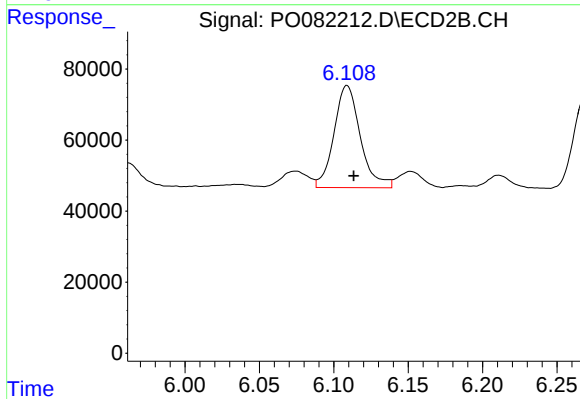
#19 AR-1242-4

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 408561
Conc: 608.64 ng/ml



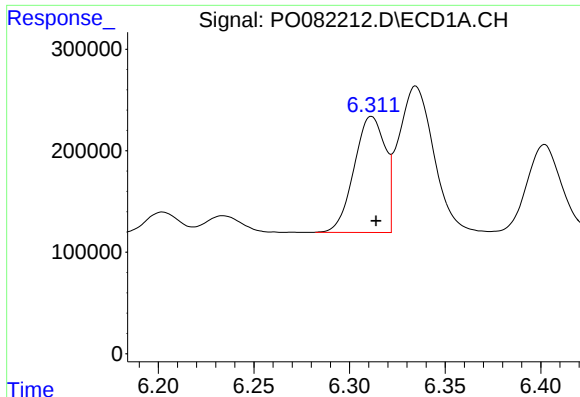
#20 AR-1242-5

R.T.: 7.299 min
Delta R.T.: -0.004 min
Response: 137644
Conc: 108.22 ng/ml



#20 AR-1242-5

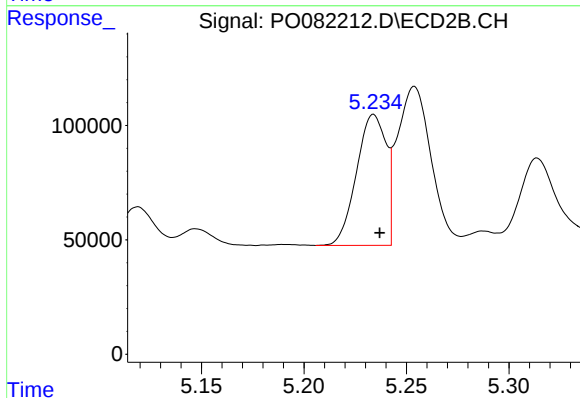
R.T.: 6.109 min
Delta R.T.: -0.005 min
Response: 353960
Conc: 411.94 ng/ml



#21 AR-1248-1

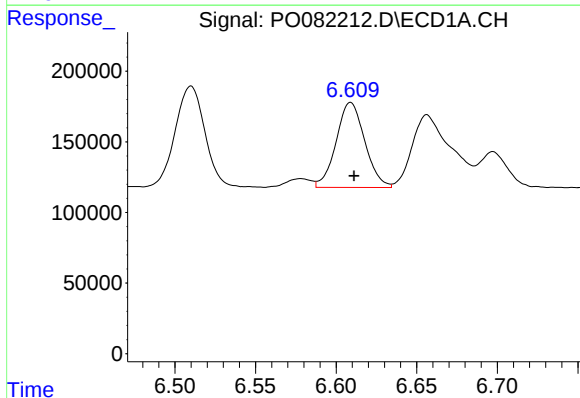
R.T.: 6.312 min
Delta R.T.: -0.002 min
Response: 1290504
Conc: 867.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



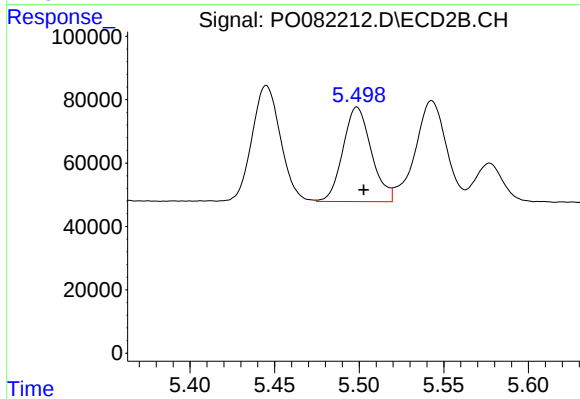
#21 AR-1248-1

R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 574200
Conc: 786.04 ng/ml



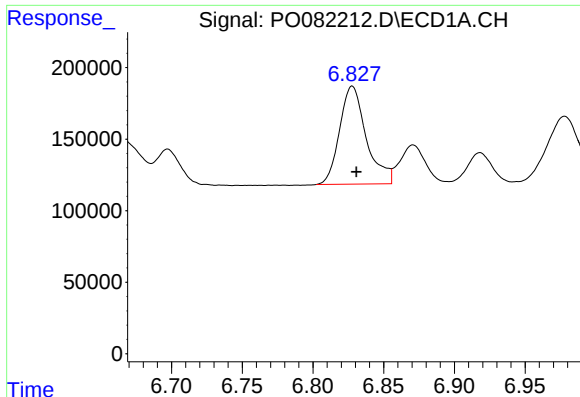
#22 AR-1248-2

R.T.: 6.609 min
Delta R.T.: -0.002 min
Response: 745879
Conc: 383.58 ng/ml



#22 AR-1248-2

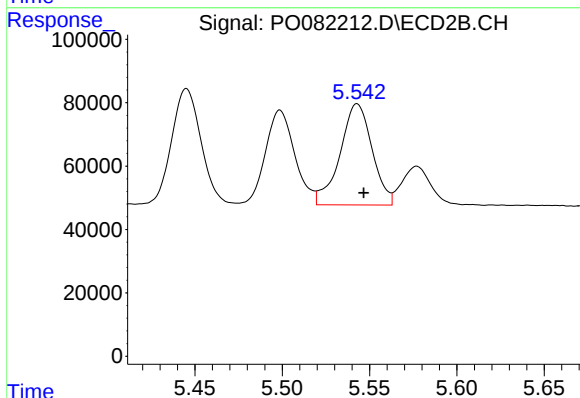
R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 349088
Conc: 363.02 ng/ml



#23 AR-1248-3

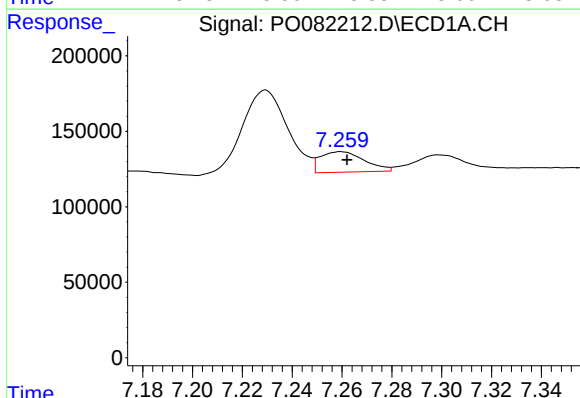
R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 901500
Conc: 415.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



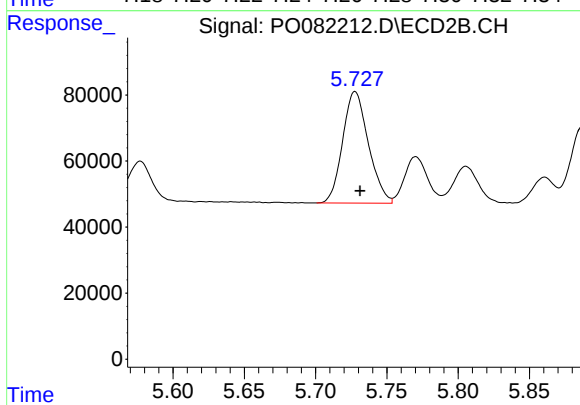
#23 AR-1248-3

R.T.: 5.543 min
Delta R.T.: -0.004 min
Response: 408561
Conc: 414.56 ng/ml



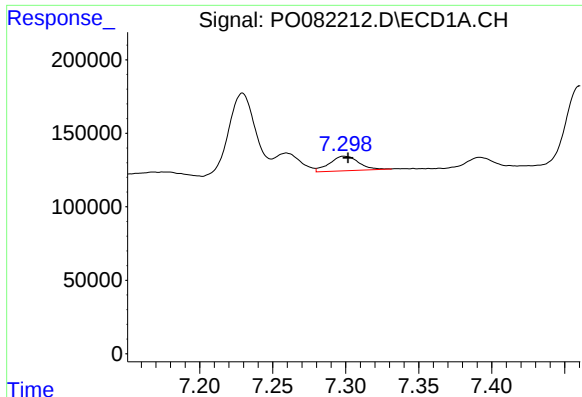
#24 AR-1248-4

R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 166403
Conc: 70.53 ng/ml



#24 AR-1248-4

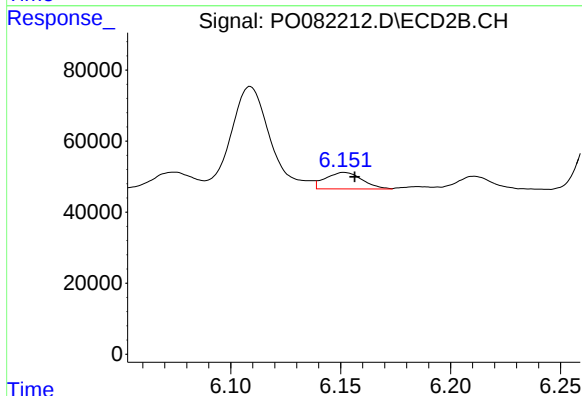
R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 425180
Conc: 369.89 ng/ml



#25 AR-1248-5

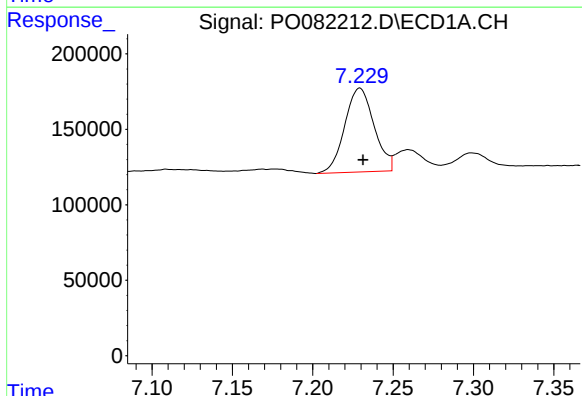
R.T.: 7.299 min
Delta R.T.: -0.003 min
Response: 137644
Conc: 61.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



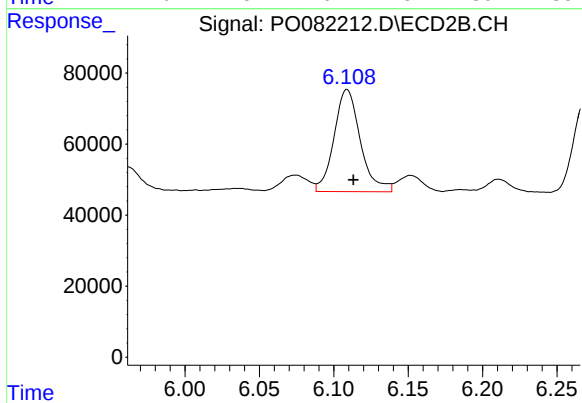
#25 AR-1248-5

R.T.: 6.152 min
Delta R.T.: -0.005 min
Response: 53793
Conc: 49.51 ng/ml



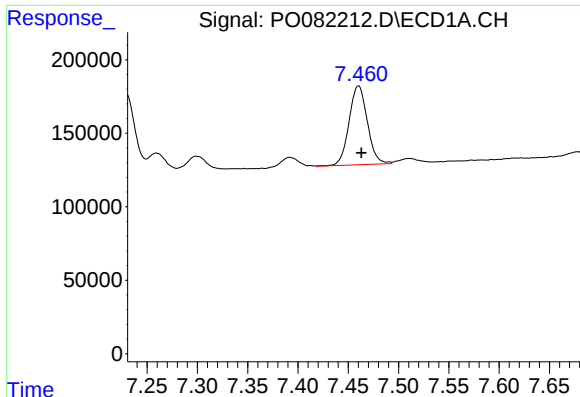
#26 AR-1254-1

R.T.: 7.229 min
Delta R.T.: -0.002 min
Response: 707141
Conc: 295.27 ng/ml



#26 AR-1254-1

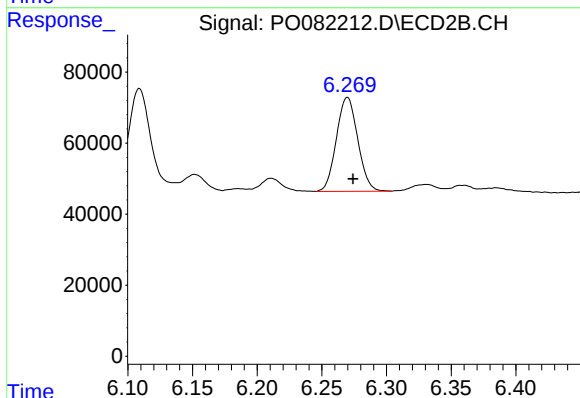
R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 353960
Conc: 212.54 ng/ml



#27 AR-1254-2

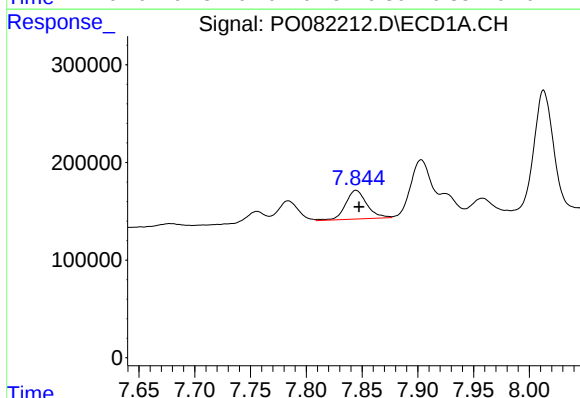
R.T.: 7.460 min
Delta R.T.: -0.003 min
Response: 678578
Conc: 186.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



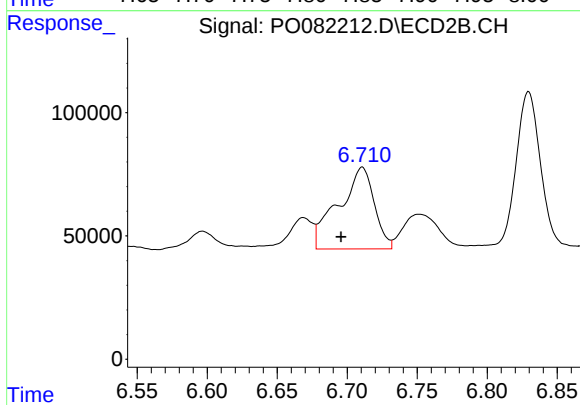
#27 AR-1254-2

R.T.: 6.270 min
Delta R.T.: -0.004 min
Response: 303963
Conc: 203.59 ng/ml



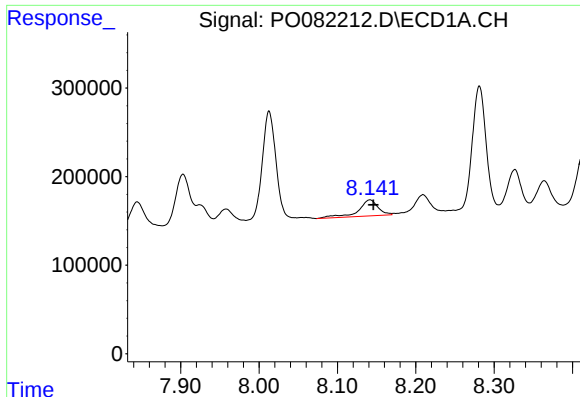
#28 AR-1254-3

R.T.: 7.845 min
Delta R.T.: -0.003 min
Response: 388856
Conc: 107.45 ng/ml



#28 AR-1254-3

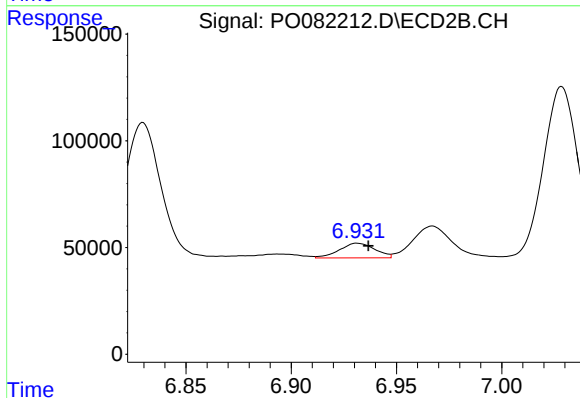
R.T.: 6.711 min
Delta R.T.: 0.015 min
Response: 590470
Conc: 263.69 ng/ml



#29 AR-1254-4

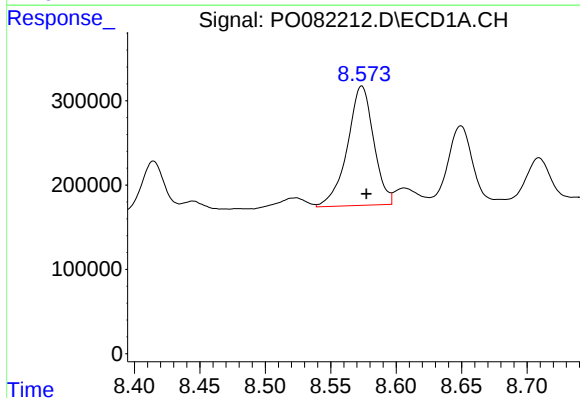
R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 317936
Conc: 117.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



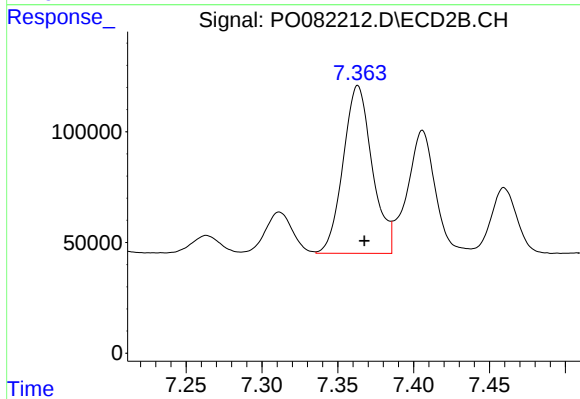
#29 AR-1254-4

R.T.: 6.931 min
Delta R.T.: -0.005 min
Response: 80496
Conc: 54.81 ng/ml



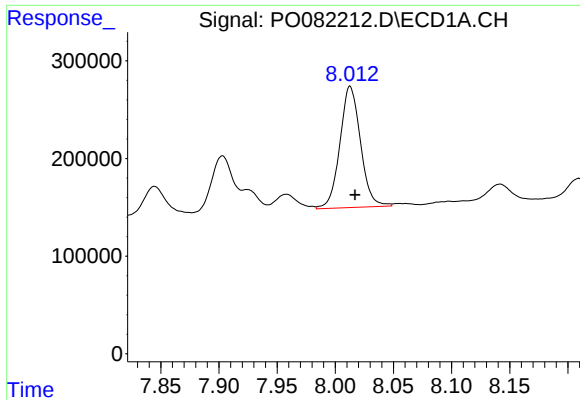
#30 AR-1254-5

R.T.: 8.574 min
Delta R.T.: -0.004 min
Response: 1974848
Conc: 678.07 ng/ml



#30 AR-1254-5

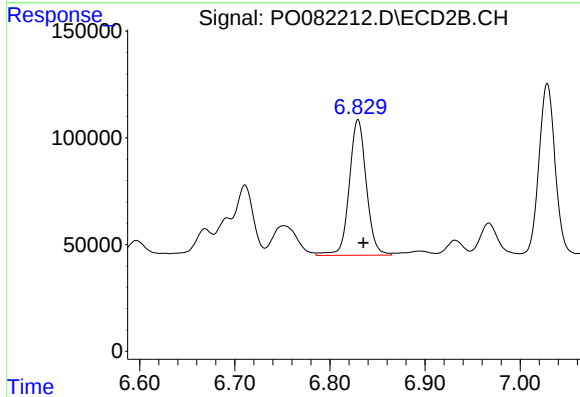
R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 1011859
Conc: 491.36 ng/ml



#31 AR-1260-1

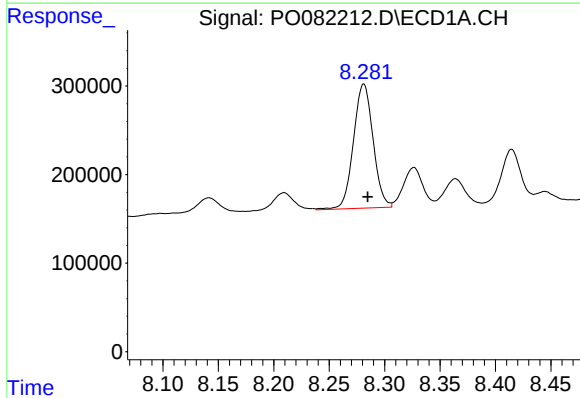
R.T.: 8.013 min
Delta R.T.: -0.004 min
Response: 1530438
Conc: 542.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



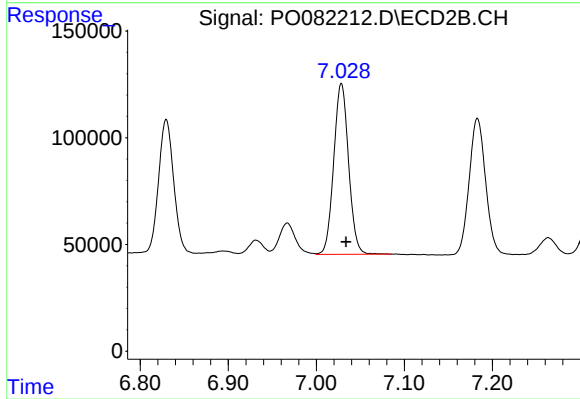
#31 AR-1260-1

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 791892
Conc: 478.38 ng/ml



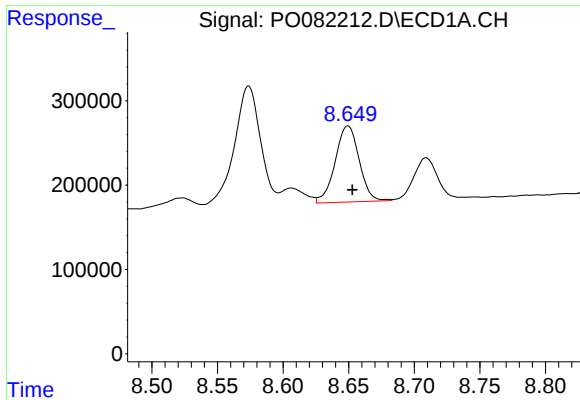
#32 AR-1260-2

R.T.: 8.281 min
Delta R.T.: -0.003 min
Response: 1729363
Conc: 519.84 ng/ml



#32 AR-1260-2

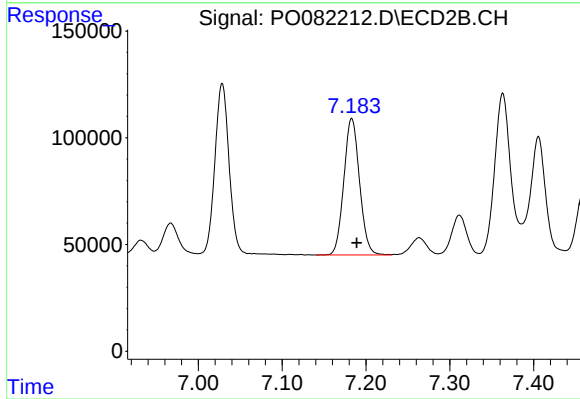
R.T.: 7.029 min
Delta R.T.: -0.005 min
Response: 940497
Conc: 468.88 ng/ml



#33 AR-1260-3

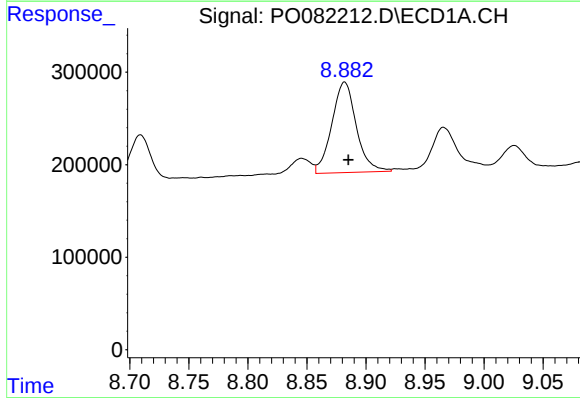
R.T.: 8.649 min
Delta R.T.: -0.003 min
Response: 1150637
Conc: 510.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



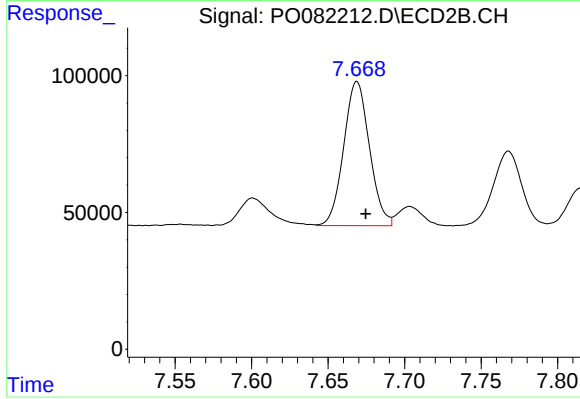
#33 AR-1260-3

R.T.: 7.183 min
Delta R.T.: -0.006 min
Response: 831080
Conc: 438.70 ng/ml



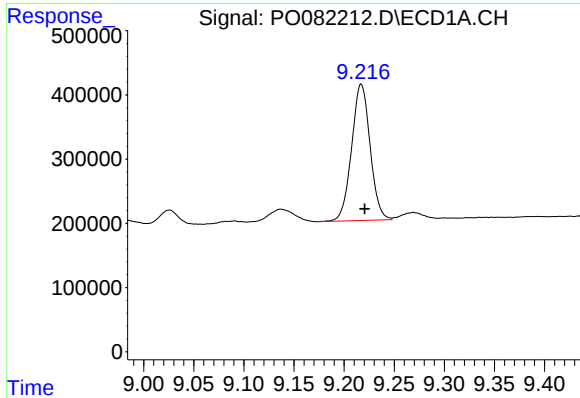
#34 AR-1260-4

R.T.: 8.882 min
Delta R.T.: -0.003 min
Response: 1413570
Conc: 533.96 ng/ml



#34 AR-1260-4

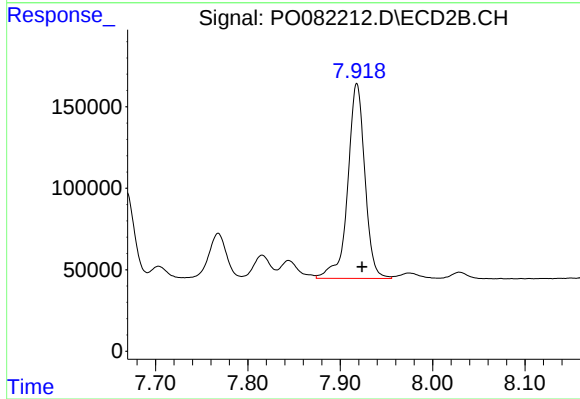
R.T.: 7.669 min
Delta R.T.: -0.006 min
Response: 618781
Conc: 451.45 ng/ml



#35 AR-1260-5

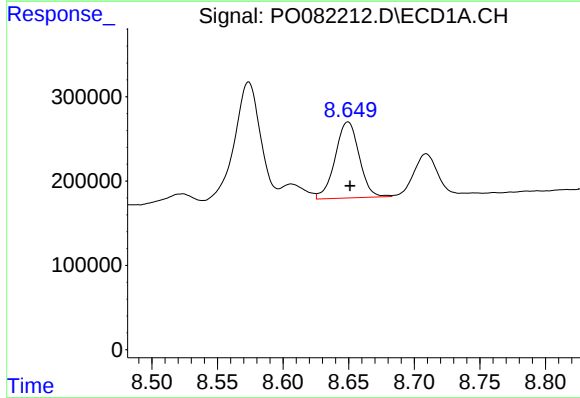
R.T.: 9.217 min
Delta R.T.: -0.004 min
Response: 2725409
Conc: 497.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



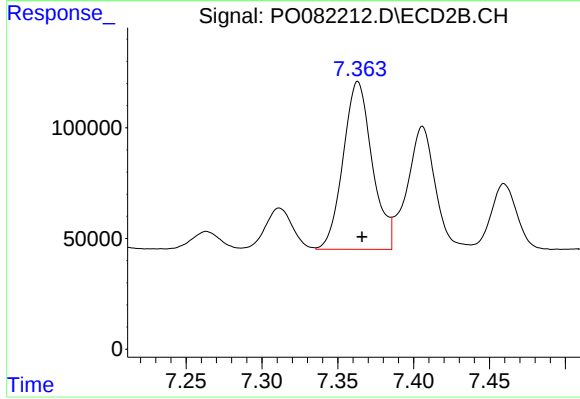
#35 AR-1260-5

R.T.: 7.918 min
Delta R.T.: -0.006 min
Response: 1539106
Conc: 465.80 ng/ml



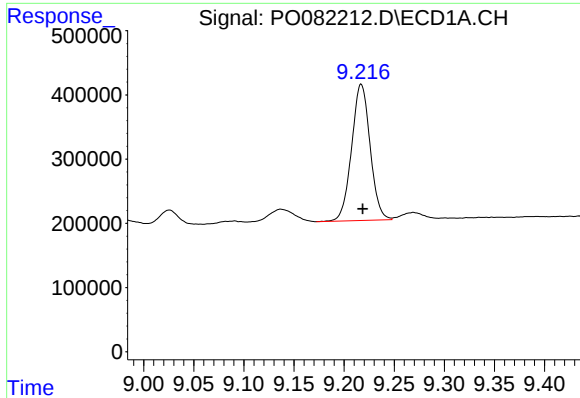
#36 AR-1262-1

R.T.: 8.649 min
Delta R.T.: -0.002 min
Response: 1150637
Conc: 336.37 ng/ml



#36 AR-1262-1

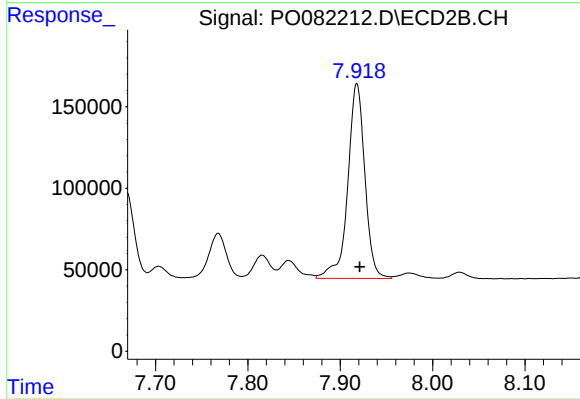
R.T.: 7.363 min
Delta R.T.: -0.003 min
Response: 1011859
Conc: 917.28 ng/ml



#37 AR-1262-2

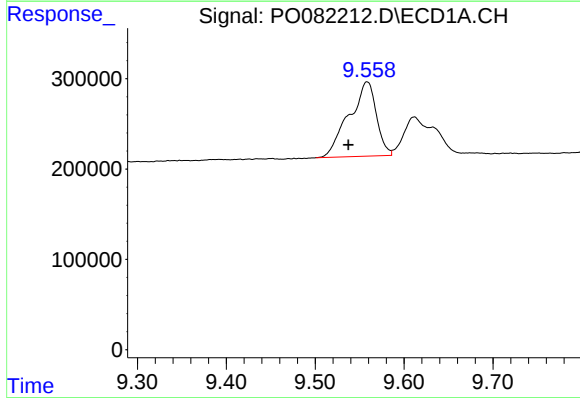
R.T.: 9.217 min
Delta R.T.: -0.002 min
Response: 2725409
Conc: 434.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



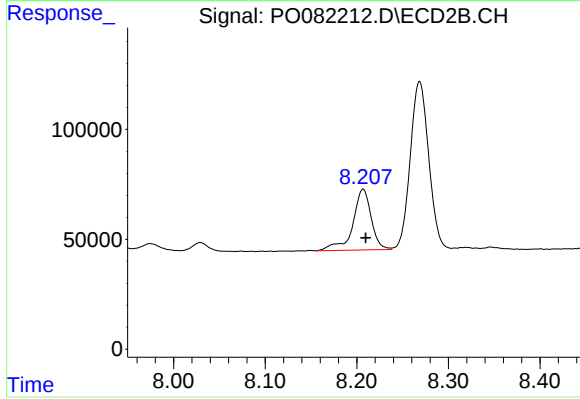
#37 AR-1262-2

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 1539106
Conc: 430.81 ng/ml



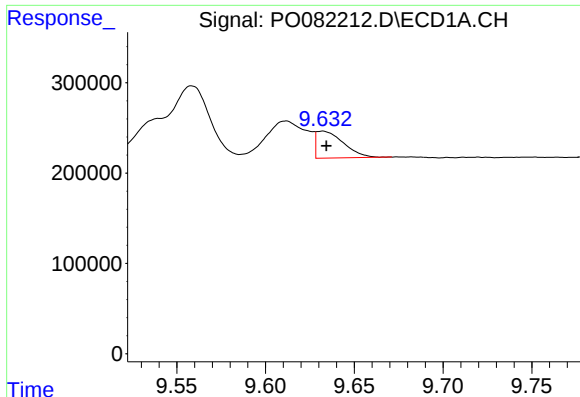
#38 AR-1262-3

R.T.: 9.559 min
Delta R.T.: 0.021 min
Response: 1755979
Conc: 638.49 ng/ml



#38 AR-1262-3

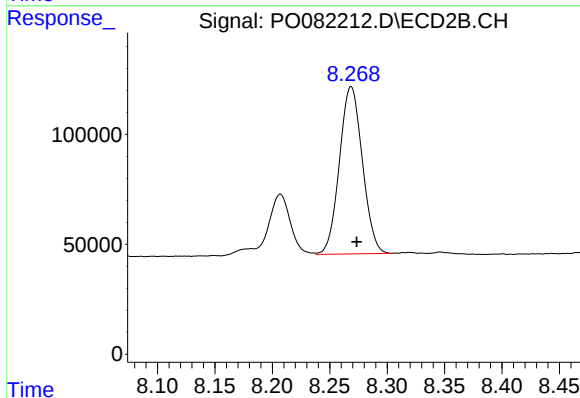
R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 387560
Conc: 257.48 ng/ml



#39 AR-1262-4

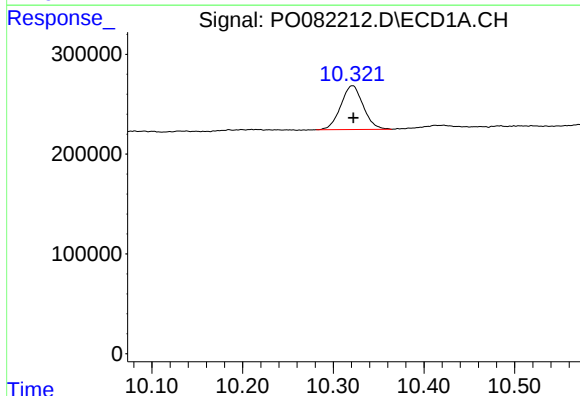
R.T.: 9.632 min
Delta R.T.: -0.002 min
Response: 316959
Conc: 189.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



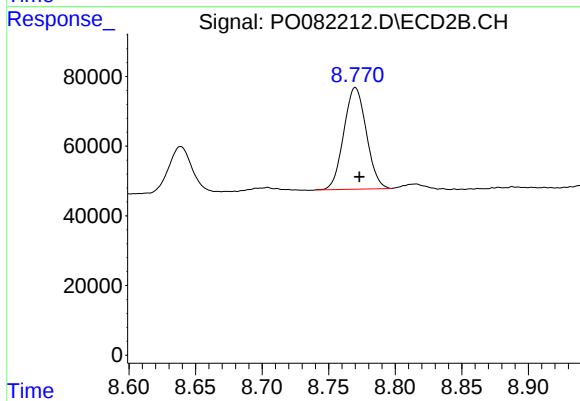
#39 AR-1262-4

R.T.: 8.269 min
Delta R.T.: -0.005 min
Response: 1061709
Conc: 398.91 ng/ml



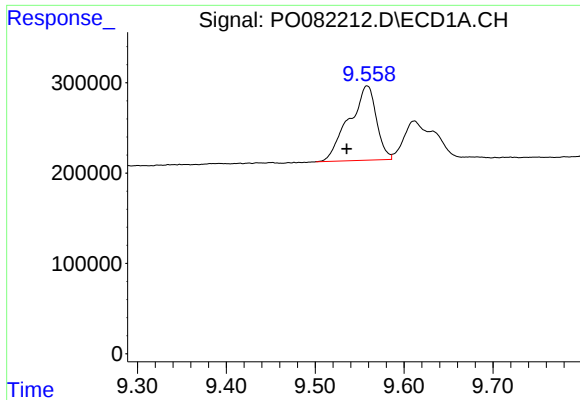
#40 AR-1262-5

R.T.: 10.321 min
Delta R.T.: -0.001 min
Response: 755674
Conc: 331.61 ng/ml



#40 AR-1262-5

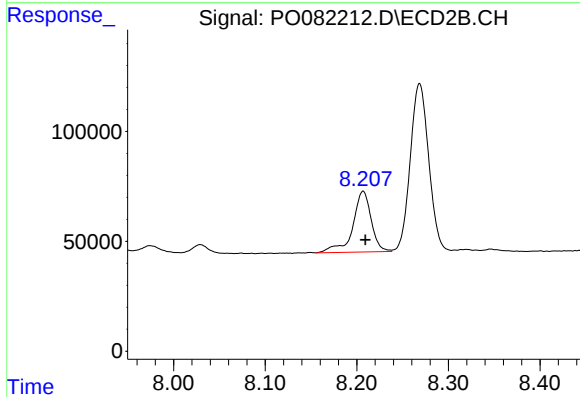
R.T.: 8.770 min
Delta R.T.: -0.003 min
Response: 343961
Conc: 272.31 ng/ml



#41 AR-1268-1

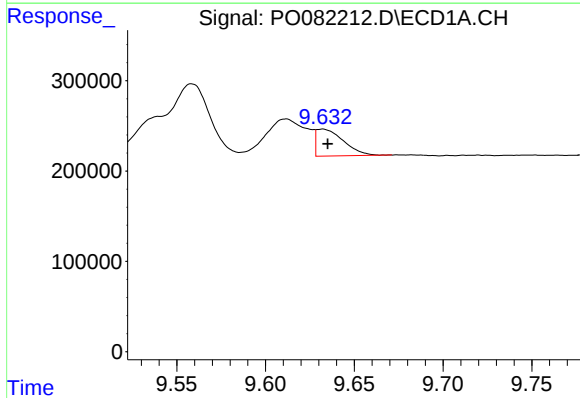
R.T.: 9.559 min
Delta R.T.: 0.023 min
Response: 1755979
Conc: 235.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



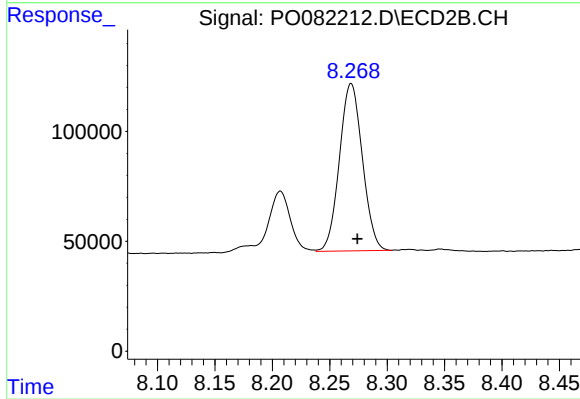
#41 AR-1268-1

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 387560
Conc: 91.97 ng/ml



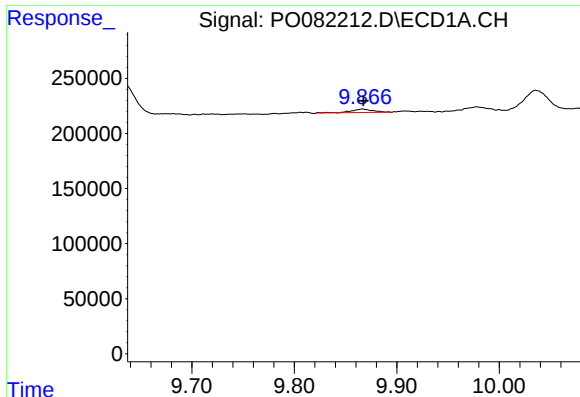
#42 AR-1268-2

R.T.: 9.632 min
Delta R.T.: -0.003 min
Response: 316959
Conc: 46.85 ng/ml



#42 AR-1268-2

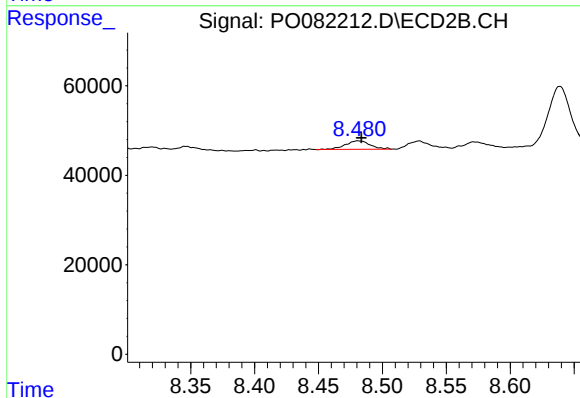
R.T.: 8.269 min
Delta R.T.: -0.006 min
Response: 1061709
Conc: 279.49 ng/ml



#43 AR-1268-3

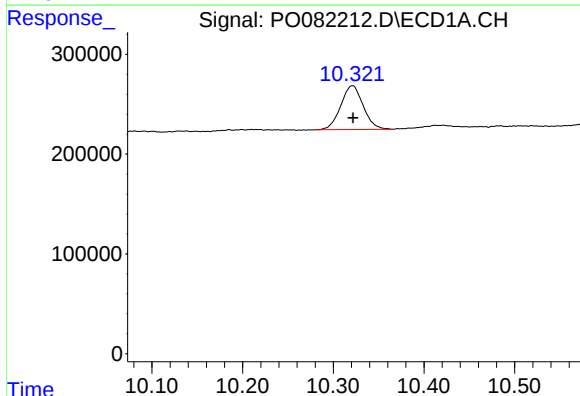
R.T.: 9.866 min
Delta R.T.: -0.001 min
Response: 45579
Conc: 7.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



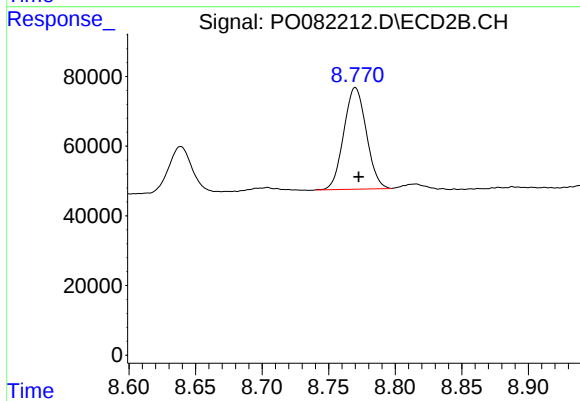
#43 AR-1268-3

R.T.: 8.481 min
Delta R.T.: -0.003 min
Response: 25721
Conc: 7.93 ng/ml



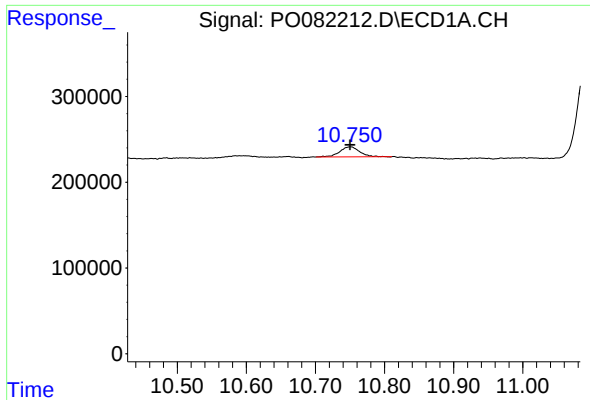
#44 AR-1268-4

R.T.: 10.321 min
Delta R.T.: 0.000 min
Response: 755674
Conc: 298.62 ng/ml



#44 AR-1268-4

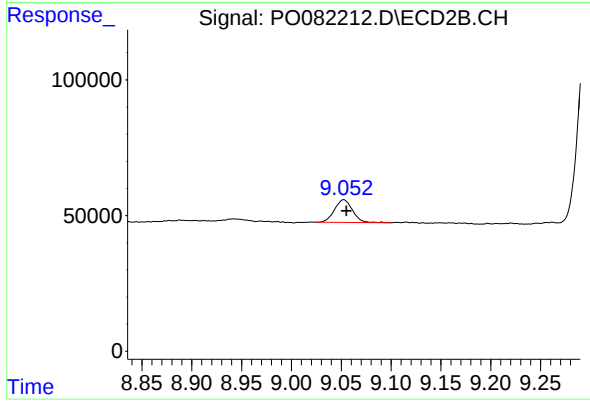
R.T.: 8.770 min
Delta R.T.: -0.003 min
Response: 343961
Conc: 247.61 ng/ml



#45 AR-1268-5

R.T.: 10.751 min
Delta R.T.: 0.000 min
Response: 230702
Conc: 11.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 104149
Conc: 10.76 ng/ml