

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121221\
 Data File : PO083577.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Dec 2021 9:43
 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: Dec 12 23:59:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 07 13:18:47 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...	4.939	3.941	4701585	1501876	49.280	48.283
2)	SA Decachlor...	11.020	9.242	3491466	1396222	48.875	42.798
Target Compounds							
3)	L1 AR-1016-1	6.272	5.196	1501651	624929	473.559	467.034
4)	L1 AR-1016-2	6.296	5.216	2096528	844177	470.623	461.207
5)	L1 AR-1016-3	6.362	5.406	1256364	464123	464.202	466.994
6)	L1 AR-1016-4	6.470	5.460	1041989	393174	467.488	470.390
7)	L1 AR-1016-5	6.788	5.688	1026661	484634	458.797	480.204
8)	L2 AR-1221-1	5.186	4.197	160897	56197	160.001	144.931
9)	L2 AR-1221-2	5.294	4.297	204930	79838	284.514	277.331
10)	L2 AR-1221-3	5.382	4.385	788387	330554	343.042	355.887
11)	L3 AR-1232-1	5.382	4.385	788387	330554	409.234	418.168
12)	L3 AR-1232-2	5.975	5.216	1130105	844177	1145.567	1086.372
13)	L3 AR-1232-3	6.296	5.406	2096528	464123	1163.582	1132.769
14)	L3 AR-1232-4	6.470	5.504	1041989	455073	1167.266	1282.076
15)	L3 AR-1232-5	6.569	5.688	853571	484634	1365.609	1292.035
16)	L4 AR-1242-1	6.272	5.196	1501651	624929	670.713	651.973
17)	L4 AR-1242-2	6.296	5.216	2096528	844177	666.243	646.589
18)	L4 AR-1242-3	6.362	5.406	1256364	464123	653.525	654.332
19)	L4 AR-1242-4	6.470	5.504	1041989	455073	648.564	708.375
20)	L4 AR-1242-5	7.259	6.068	144874	366929	83.083	389.645 #
21)	L5 AR-1248-1	6.272	5.196	1501651	624929	867.644	857.746
22)	L5 AR-1248-2	6.569	5.460	853571	393174	365.978	381.293
23)	L5 AR-1248-3	6.788	5.504	1026661	455073	377.452	474.427 #
24)	L5 AR-1248-4	7.219	5.688	171650	484634	56.773	421.088 #
25)	L5 AR-1248-5	7.259	6.111	144874	60390	50.645	46.424
26)	L6 AR-1254-1	7.188	6.068	674431	366929	211.055	185.473
27)	L6 AR-1254-2	7.418	6.228	724367	330411	157.129	190.482
28)	L6 AR-1254-3	7.804	6.667	391962	635204	78.574	244.835 #
29)	L6 AR-1254-4	8.100	6.889	429597	94539	120.517	50.030 #
30)	L6 AR-1254-5	8.532	7.318	2182048	1091597	608.380	447.169 #
31)	L7 AR-1260-1	7.971	6.785	1589486	832798	460.694	430.702
32)	L7 AR-1260-2	8.238	6.985	1901584	1061956	455.589	434.527
33)	L7 AR-1260-3	8.606	7.138	1477220	923532	471.195	403.142
34)	L7 AR-1260-4	8.838	7.623	1657285	783854	473.327	431.132
35)	L7 AR-1260-5	9.170	7.873	3300843	2013378	475.311	428.537
36)	L8 AR-1262-1	8.606	7.318	1477220	1091597	355.570	855.008 #
37)	L8 AR-1262-2	9.170	7.873	3300843	2013378	454.405	429.396
38)	L8 AR-1262-3	9.484	8.159	727333	501951	218.073	264.960
39)	L8 AR-1262-4	9.560f	8.222	1462238	1408583	751.470	418.722 #
40)	L8 AR-1262-5	10.258	8.723	955479	472628	347.801	303.610
41)	L9 AR-1268-1	9.484	8.159	727333	501951	82.434	89.728

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

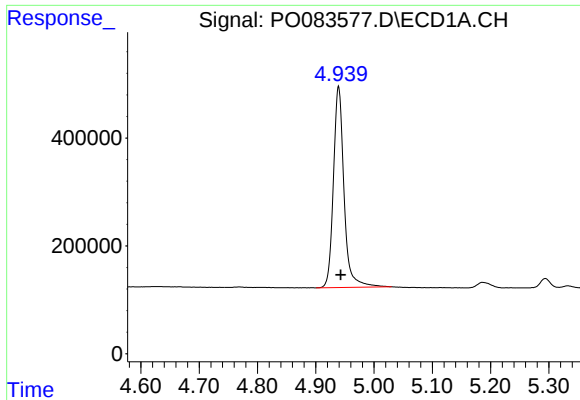
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 23:59:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.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	9.560f	8.222	1462238	1408583	177.001	288.528 #
43) L9	AR-1268-3	9.812	8.433	41145	23263	5.875	5.525
44) L9	AR-1268-4	10.258	8.723	955479	472628	324.983	274.043
45) L9	AR-1268-5	10.680	9.001	293522	133726	12.382	10.925

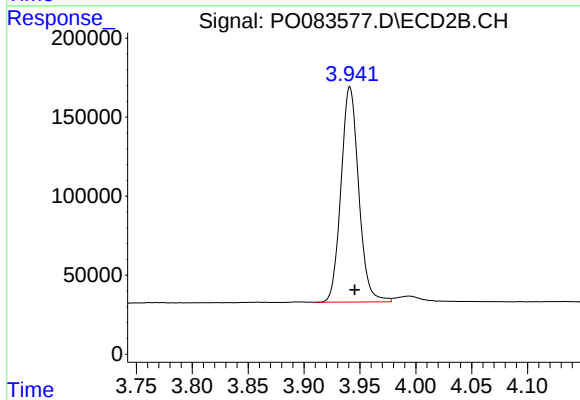
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

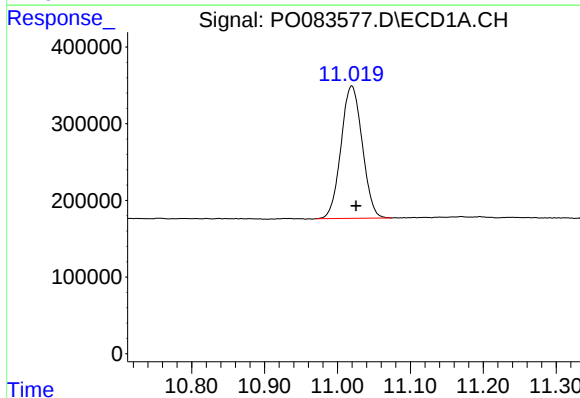
R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 4701585
Conc: 49.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



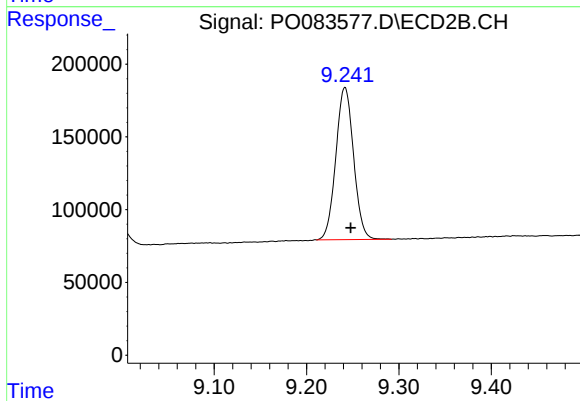
#1 Tetrachloro-m-xylene

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 1501876
Conc: 48.28 ng/ml



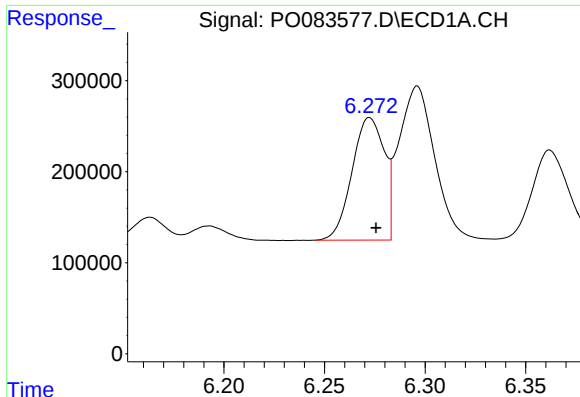
#2 Decachlorobiphenyl

R.T.: 11.020 min
Delta R.T.: -0.006 min
Response: 3491466
Conc: 48.87 ng/ml



#2 Decachlorobiphenyl

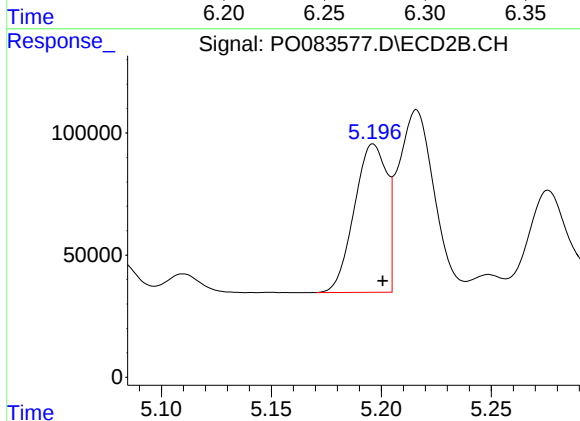
R.T.: 9.242 min
Delta R.T.: -0.006 min
Response: 1396222
Conc: 42.80 ng/ml



#3 AR-1016-1

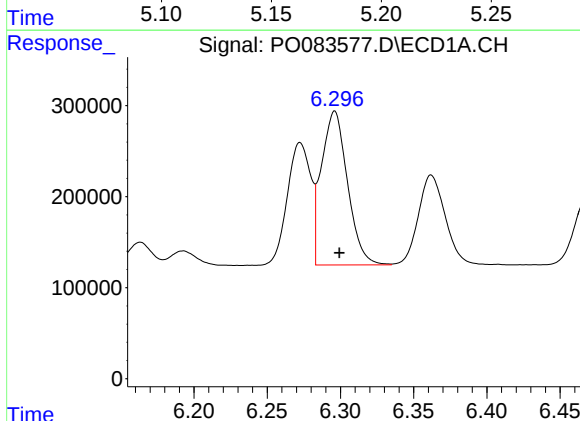
R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 1501651
Conc: 473.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



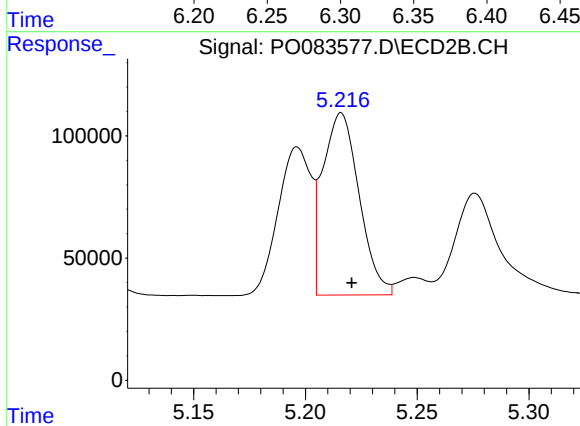
#3 AR-1016-1

R.T.: 5.196 min
Delta R.T.: -0.004 min
Response: 624929
Conc: 467.03 ng/ml



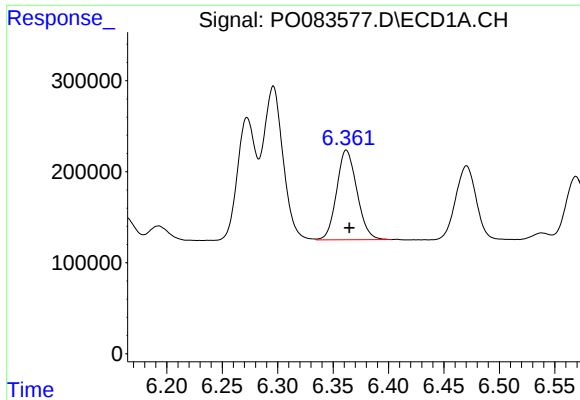
#4 AR-1016-2

R.T.: 6.296 min
Delta R.T.: -0.003 min
Response: 2096528
Conc: 470.62 ng/ml



#4 AR-1016-2

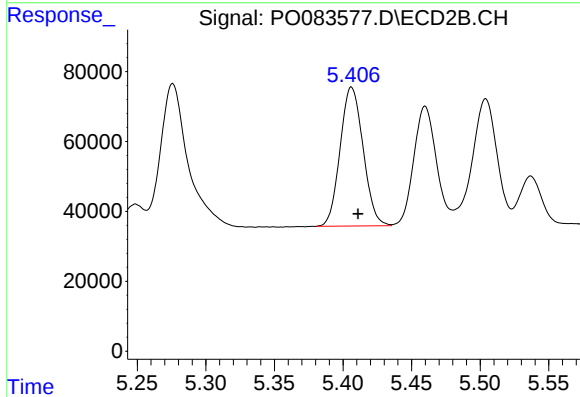
R.T.: 5.216 min
Delta R.T.: -0.005 min
Response: 844177
Conc: 461.21 ng/ml



#5 AR-1016-3

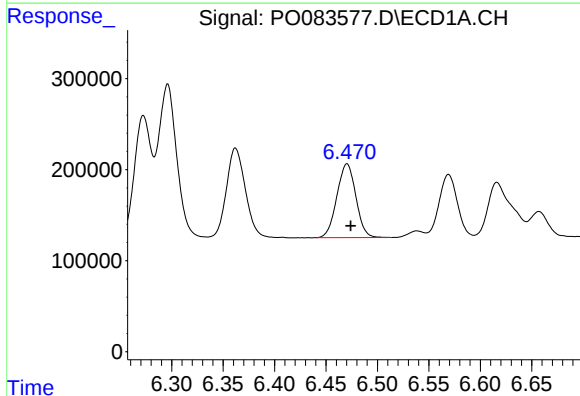
R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 1256364
Conc: 464.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



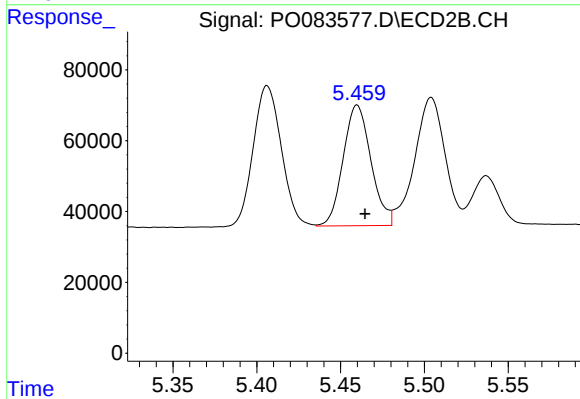
#5 AR-1016-3

R.T.: 5.406 min
Delta R.T.: -0.005 min
Response: 464123
Conc: 466.99 ng/ml



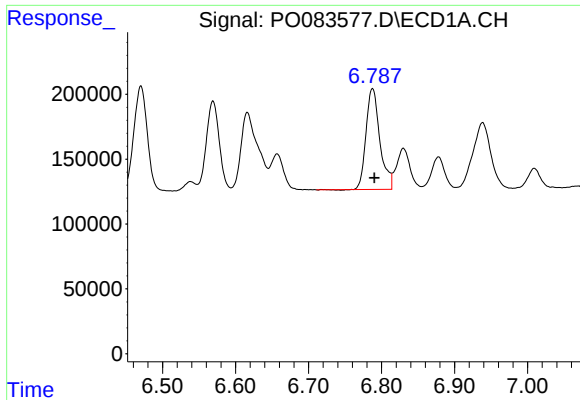
#6 AR-1016-4

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 1041989
Conc: 467.49 ng/ml



#6 AR-1016-4

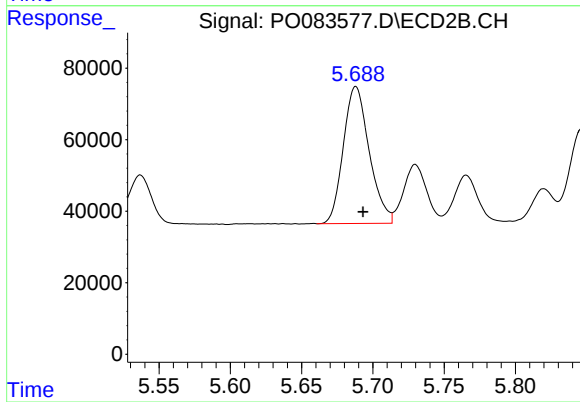
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 393174
Conc: 470.39 ng/ml



#7 AR-1016-5

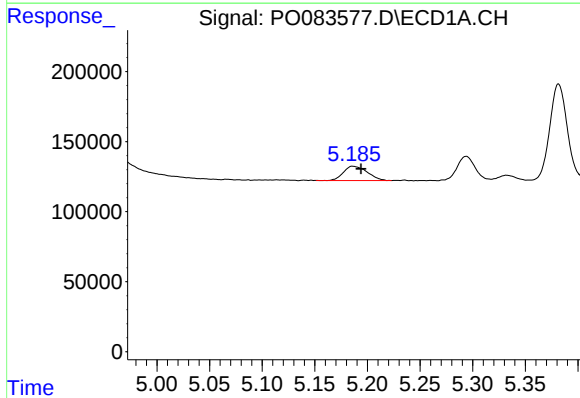
R.T.: 6.788 min
Delta R.T.: -0.003 min
Response: 1026661
Conc: 458.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



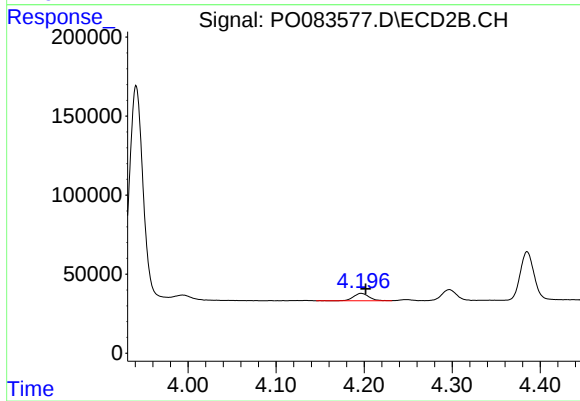
#7 AR-1016-5

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 484634
Conc: 480.20 ng/ml



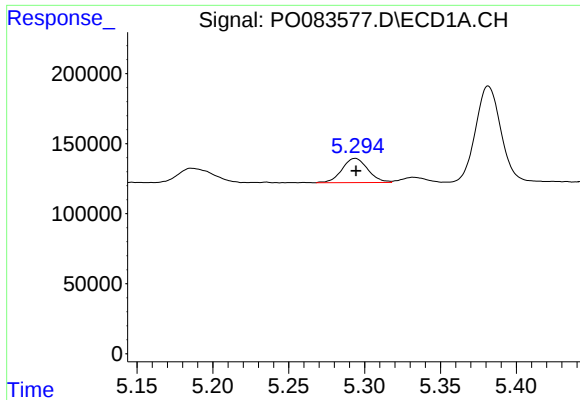
#8 AR-1221-1

R.T.: 5.186 min
Delta R.T.: -0.008 min
Response: 160897
Conc: 160.00 ng/ml



#8 AR-1221-1

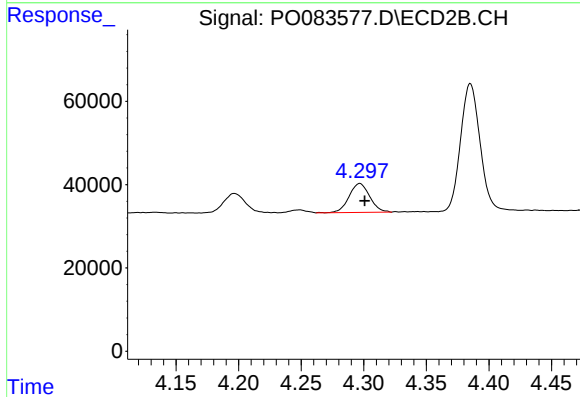
R.T.: 4.197 min
Delta R.T.: -0.005 min
Response: 56197
Conc: 144.93 ng/ml



#9 AR-1221-2

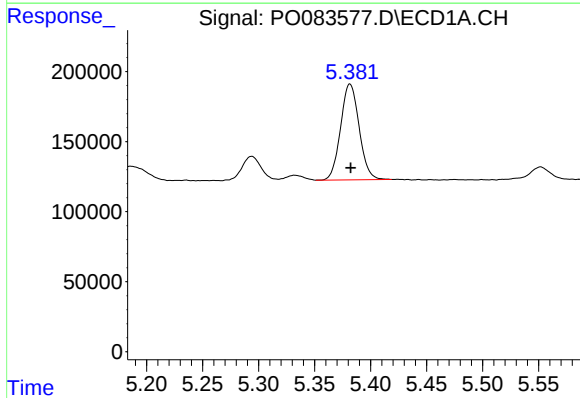
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 204930
Conc: 284.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



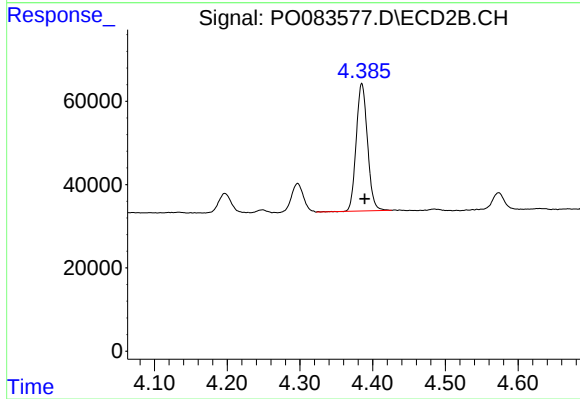
#9 AR-1221-2

R.T.: 4.297 min
Delta R.T.: -0.004 min
Response: 79838
Conc: 277.33 ng/ml



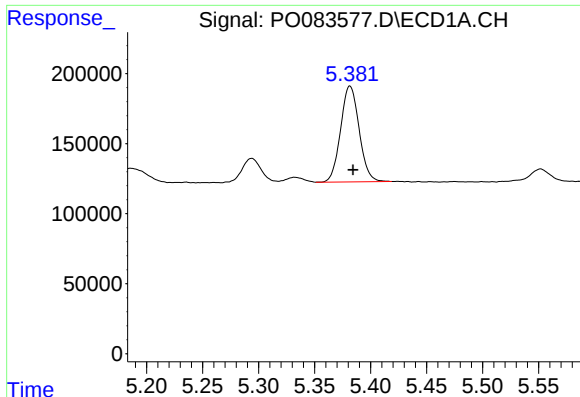
#10 AR-1221-3

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 788387
Conc: 343.04 ng/ml



#10 AR-1221-3

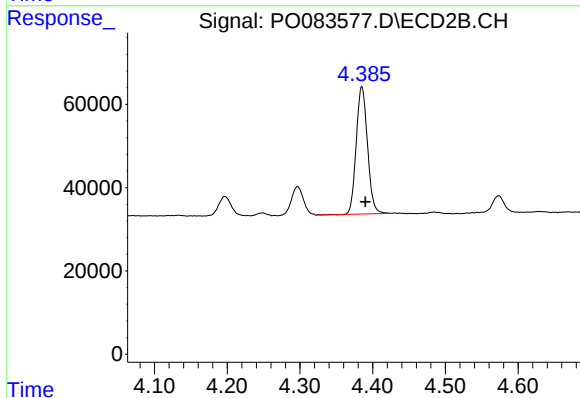
R.T.: 4.385 min
Delta R.T.: -0.004 min
Response: 330554
Conc: 355.89 ng/ml



#11 AR-1232-1

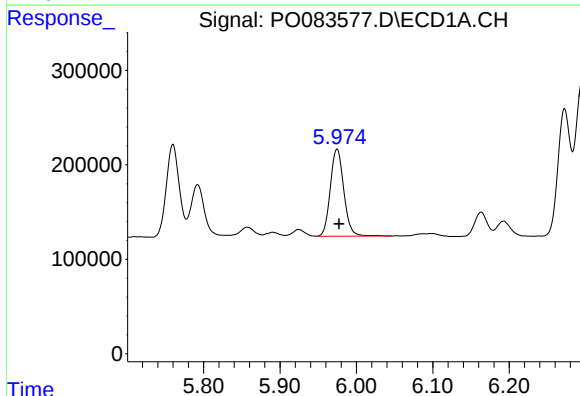
R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 788387
Conc: 409.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



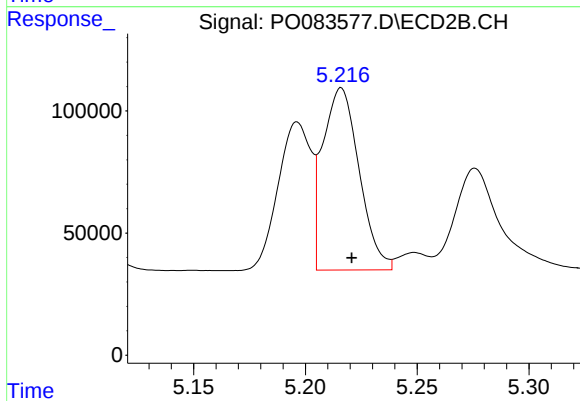
#11 AR-1232-1

R.T.: 4.385 min
Delta R.T.: -0.005 min
Response: 330554
Conc: 418.17 ng/ml



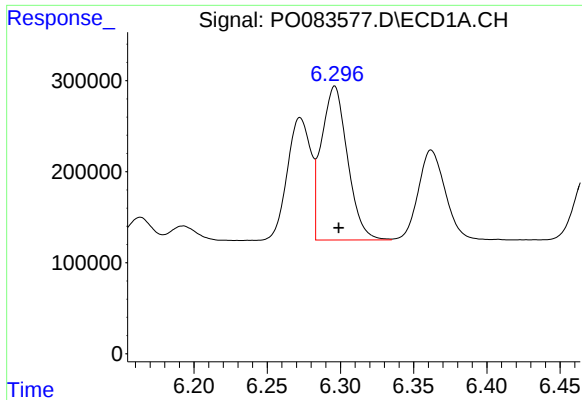
#12 AR-1232-2

R.T.: 5.975 min
Delta R.T.: -0.003 min
Response: 1130105
Conc: 1145.57 ng/ml



#12 AR-1232-2

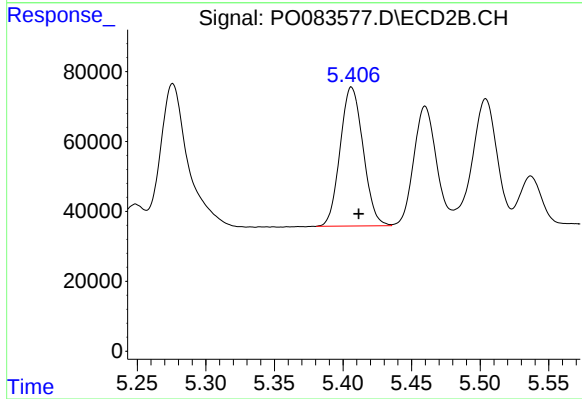
R.T.: 5.216 min
Delta R.T.: -0.005 min
Response: 844177
Conc: 1086.37 ng/ml



#13 AR-1232-3

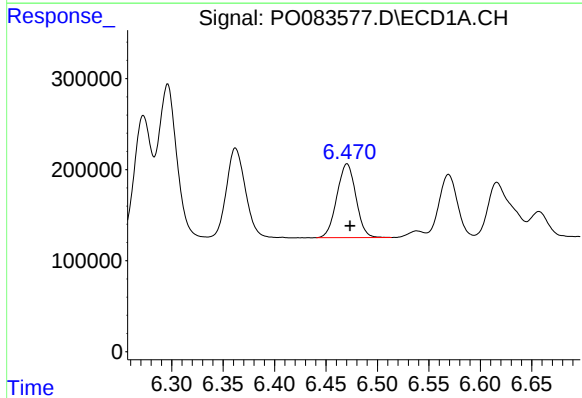
R.T.: 6.296 min
Delta R.T.: -0.003 min
Response: 2096528
Conc: 1163.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



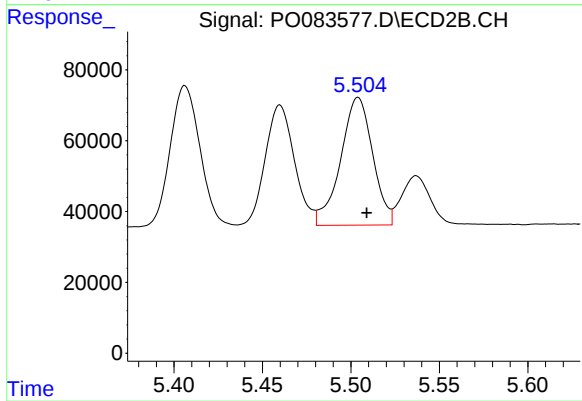
#13 AR-1232-3

R.T.: 5.406 min
Delta R.T.: -0.005 min
Response: 464123
Conc: 1132.77 ng/ml



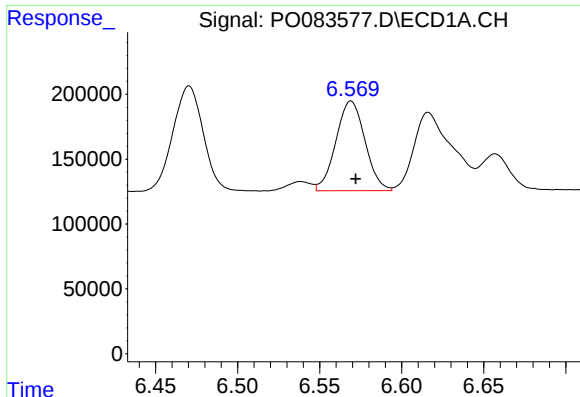
#14 AR-1232-4

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 1041989
Conc: 1167.27 ng/ml



#14 AR-1232-4

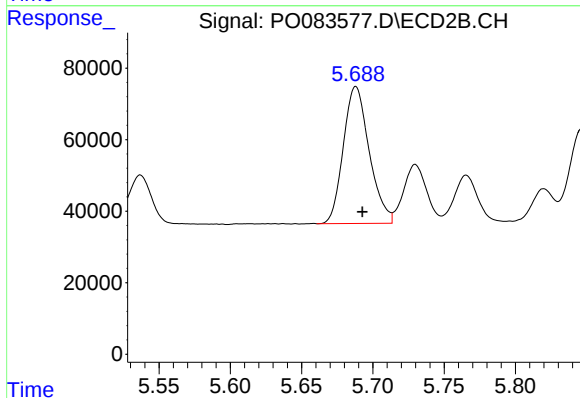
R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 455073
Conc: 1282.08 ng/ml



#15 AR-1232-5

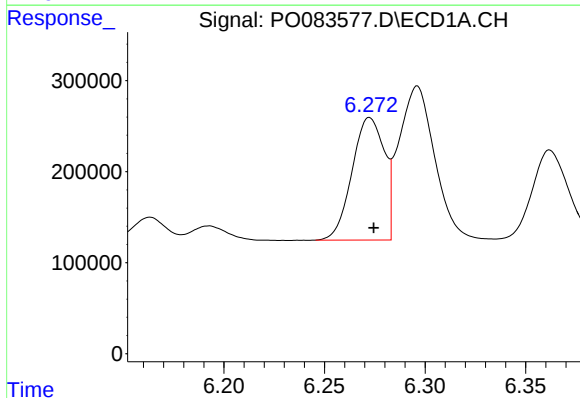
R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 853571
Conc: 1365.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



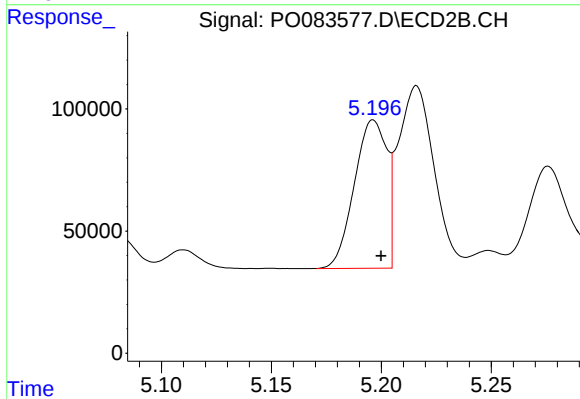
#15 AR-1232-5

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 484634
Conc: 1292.03 ng/ml



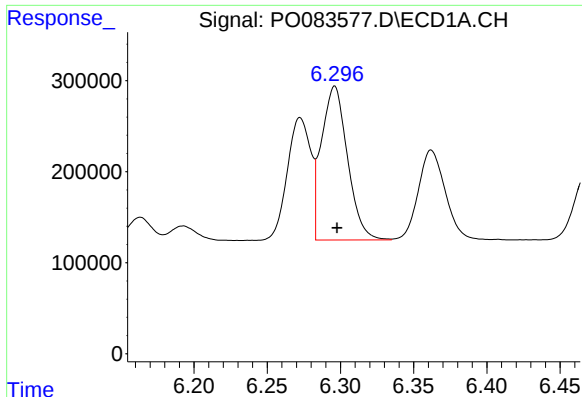
#16 AR-1242-1

R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 1501651
Conc: 670.71 ng/ml



#16 AR-1242-1

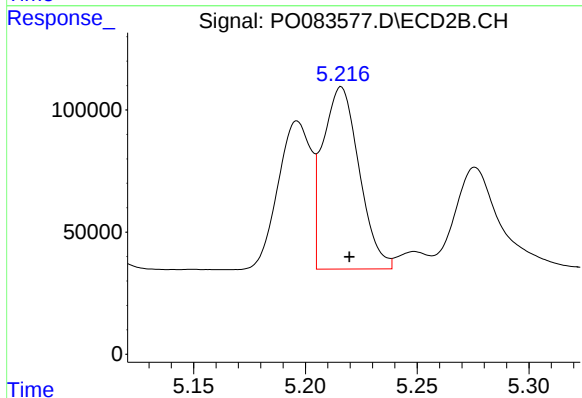
R.T.: 5.196 min
Delta R.T.: -0.003 min
Response: 624929
Conc: 651.97 ng/ml



#17 AR-1242-2

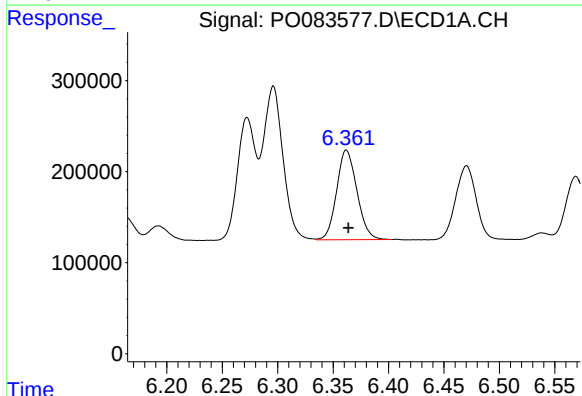
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 2096528
Conc: 666.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



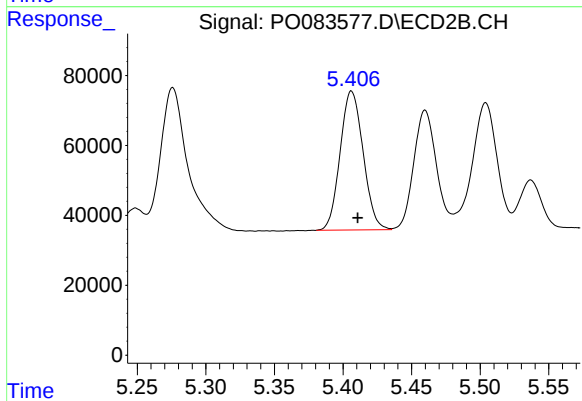
#17 AR-1242-2

R.T.: 5.216 min
Delta R.T.: -0.004 min
Response: 844177
Conc: 646.59 ng/ml



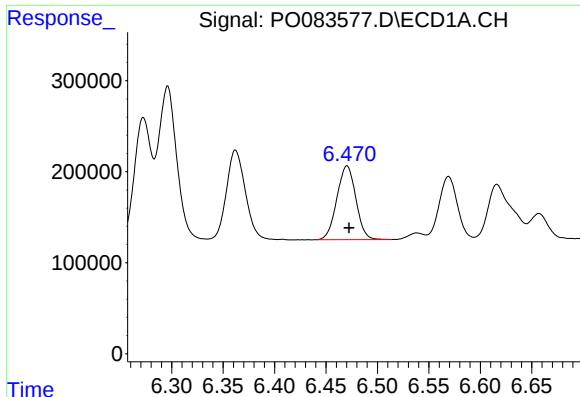
#18 AR-1242-3

R.T.: 6.362 min
Delta R.T.: -0.002 min
Response: 1256364
Conc: 653.52 ng/ml



#18 AR-1242-3

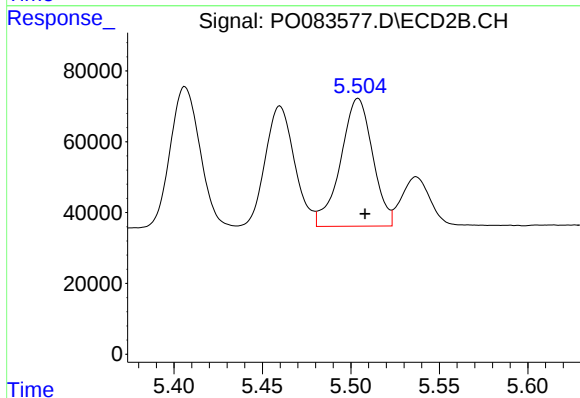
R.T.: 5.406 min
Delta R.T.: -0.005 min
Response: 464123
Conc: 654.33 ng/ml



#19 AR-1242-4

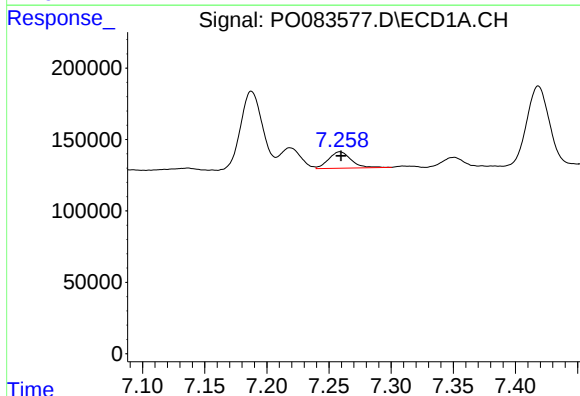
R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 1041989
Conc: 648.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



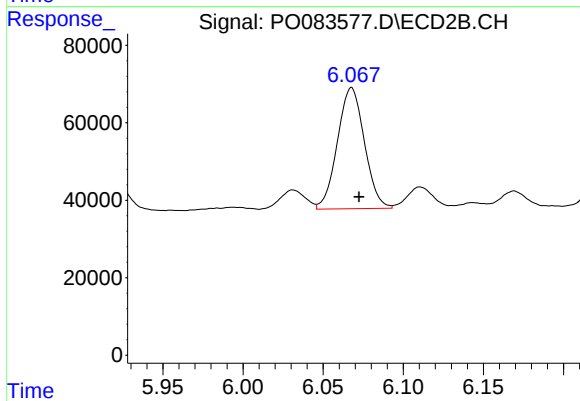
#19 AR-1242-4

R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 455073
Conc: 708.38 ng/ml



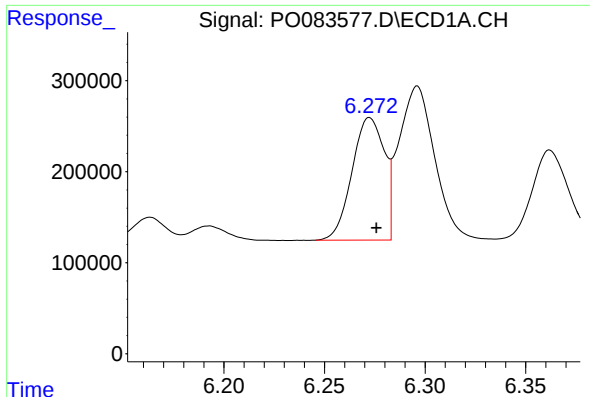
#20 AR-1242-5

R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 144874
Conc: 83.08 ng/ml



#20 AR-1242-5

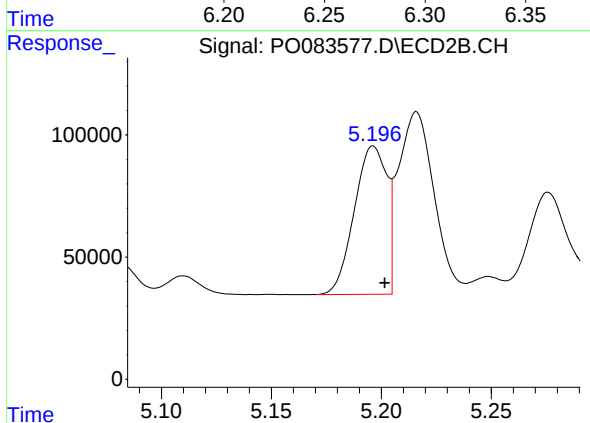
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 366929
Conc: 389.64 ng/ml



#21 AR-1248-1

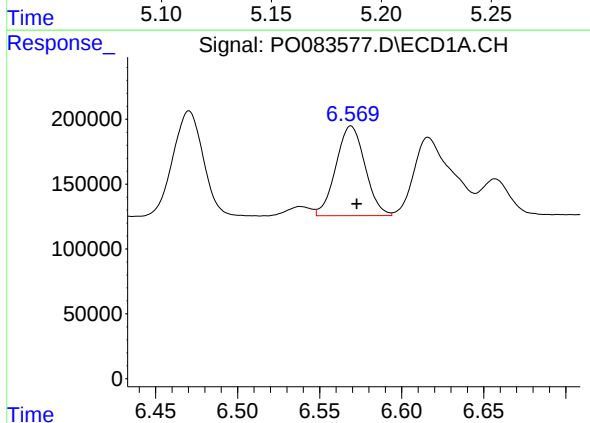
R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 1501651
Conc: 867.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



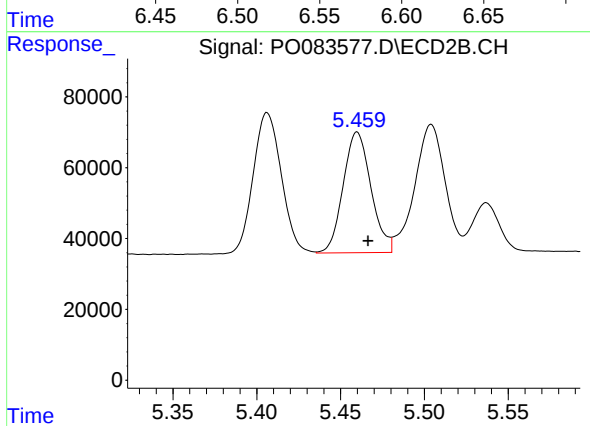
#21 AR-1248-1

R.T.: 5.196 min
Delta R.T.: -0.005 min
Response: 624929
Conc: 857.75 ng/ml



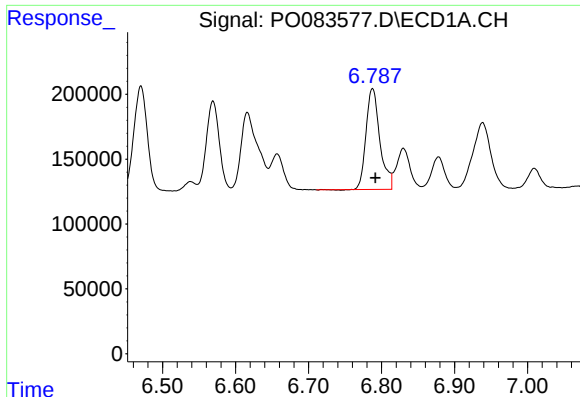
#22 AR-1248-2

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 853571
Conc: 365.98 ng/ml



#22 AR-1248-2

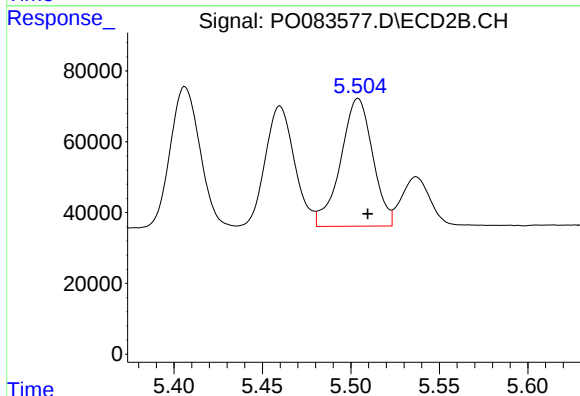
R.T.: 5.460 min
Delta R.T.: -0.006 min
Response: 393174
Conc: 381.29 ng/ml



#23 AR-1248-3

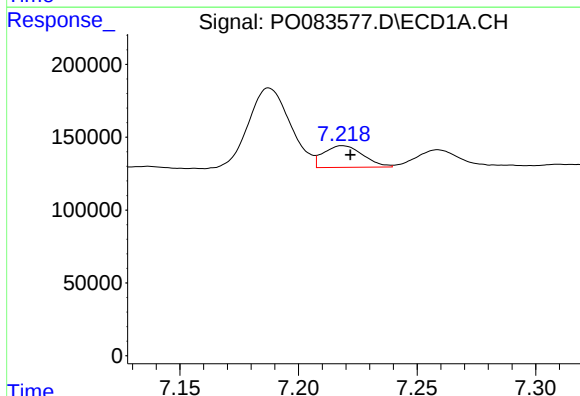
R.T.: 6.788 min
Delta R.T.: -0.004 min
Response: 1026661
Conc: 377.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



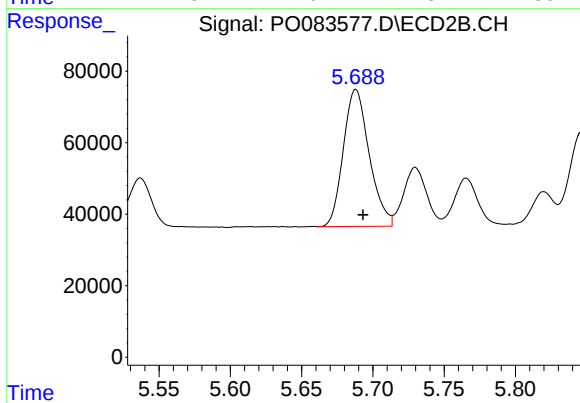
#23 AR-1248-3

R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 455073
Conc: 474.43 ng/ml



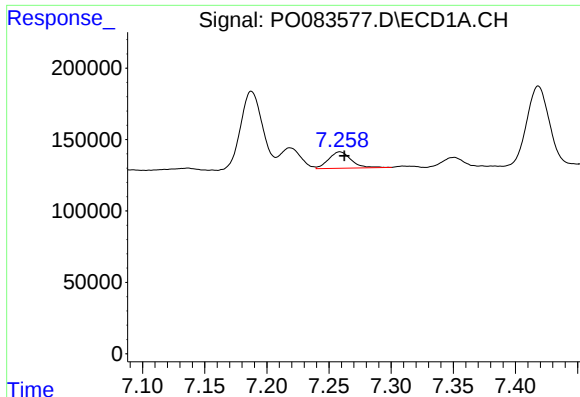
#24 AR-1248-4

R.T.: 7.219 min
Delta R.T.: -0.003 min
Response: 171650
Conc: 56.77 ng/ml



#24 AR-1248-4

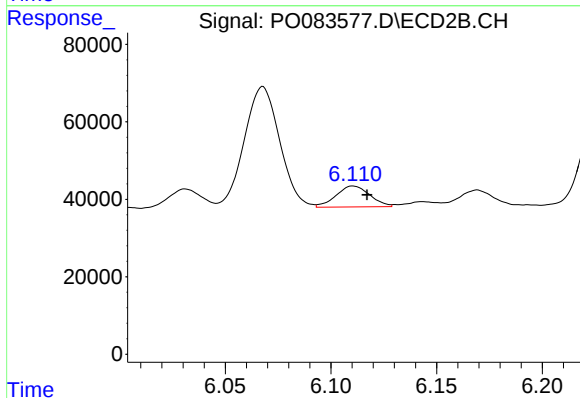
R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 484634
Conc: 421.09 ng/ml



#25 AR-1248-5

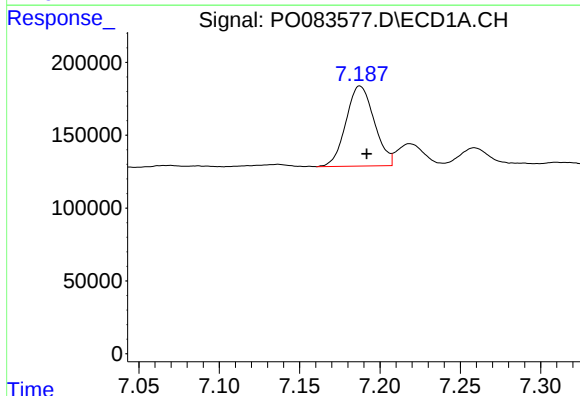
R.T.: 7.259 min
Delta R.T.: -0.004 min
Response: 144874
Conc: 50.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



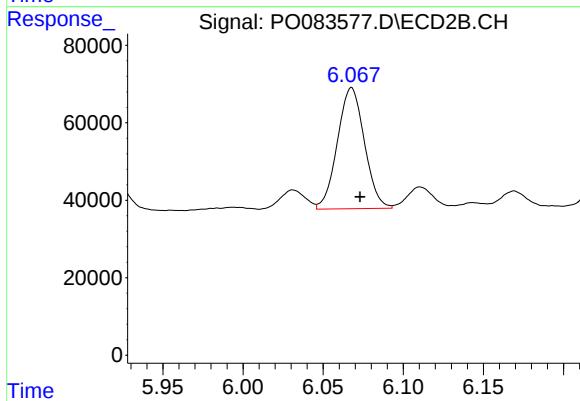
#25 AR-1248-5

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 60390
Conc: 46.42 ng/ml



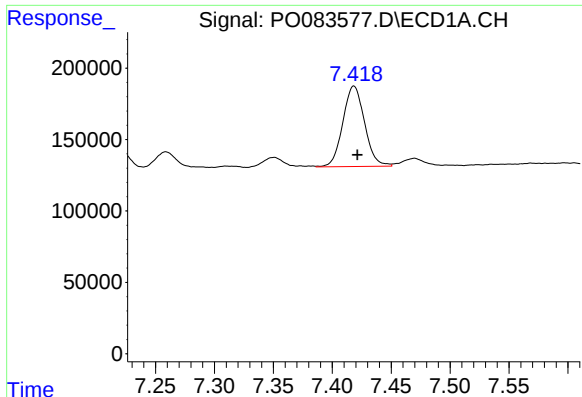
#26 AR-1254-1

R.T.: 7.188 min
Delta R.T.: -0.004 min
Response: 674431
Conc: 211.06 ng/ml



#26 AR-1254-1

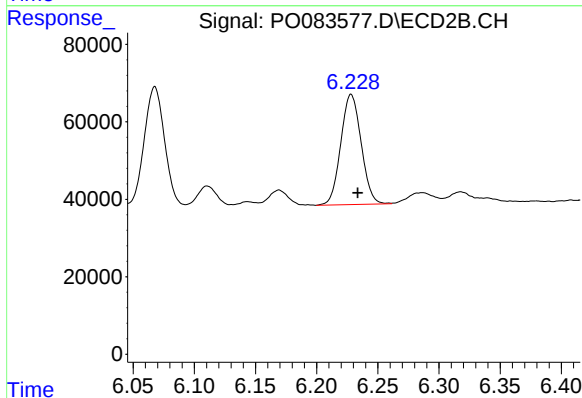
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 366929
Conc: 185.47 ng/ml



#27 AR-1254-2

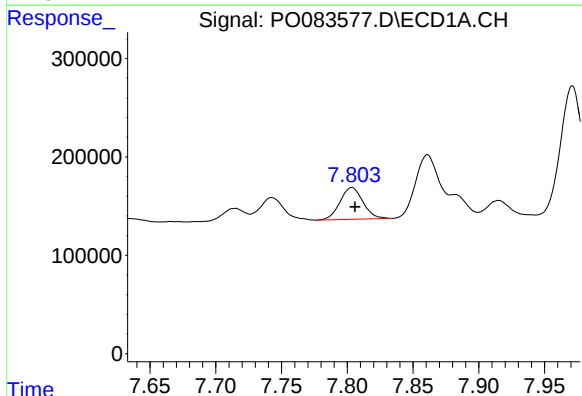
R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 724367
Conc: 157.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



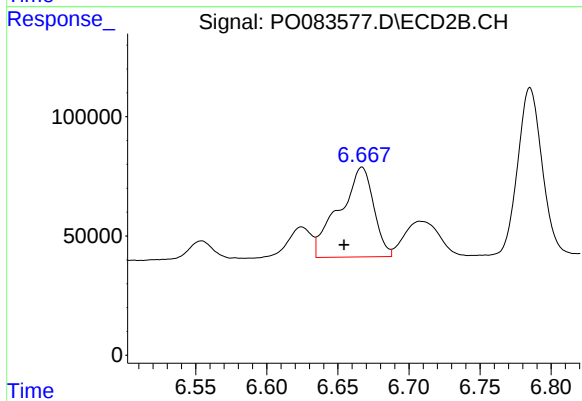
#27 AR-1254-2

R.T.: 6.228 min
Delta R.T.: -0.005 min
Response: 330411
Conc: 190.48 ng/ml



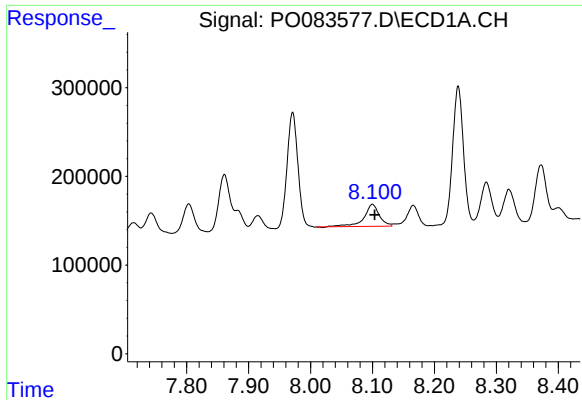
#28 AR-1254-3

R.T.: 7.804 min
Delta R.T.: -0.002 min
Response: 391962
Conc: 78.57 ng/ml



#28 AR-1254-3

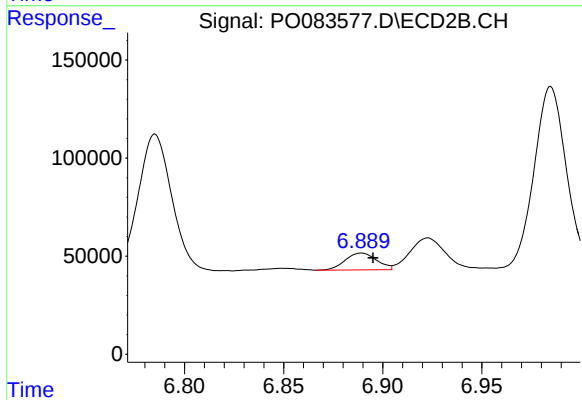
R.T.: 6.667 min
Delta R.T.: 0.013 min
Response: 635204
Conc: 244.83 ng/ml



#29 AR-1254-4

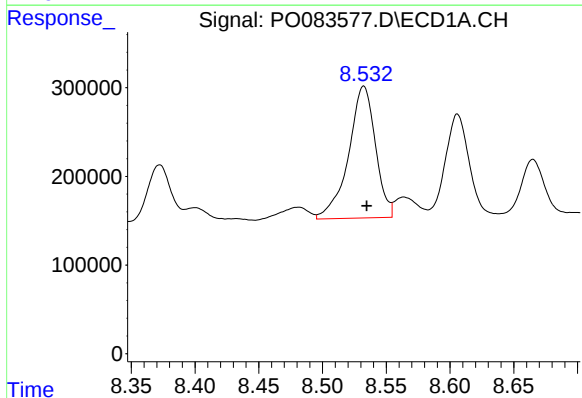
R.T.: 8.100 min
Delta R.T.: -0.004 min
Response: 429597
Conc: 120.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



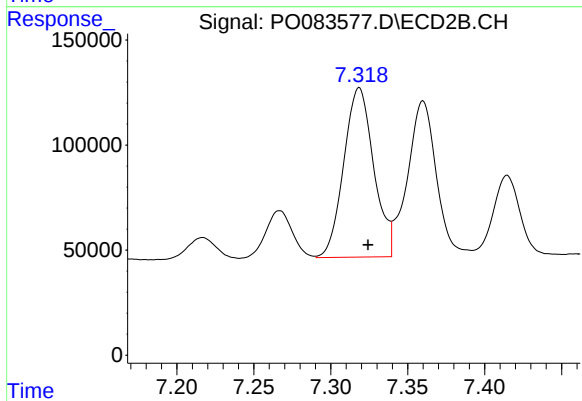
#29 AR-1254-4

R.T.: 6.889 min
Delta R.T.: -0.006 min
Response: 94539
Conc: 50.03 ng/ml



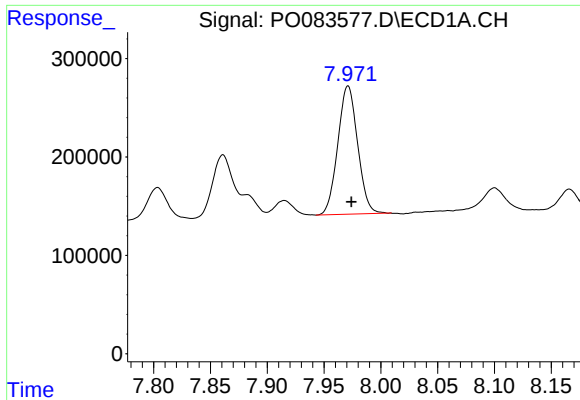
#30 AR-1254-5

R.T.: 8.532 min
Delta R.T.: -0.002 min
Response: 2182048
Conc: 608.38 ng/ml



#30 AR-1254-5

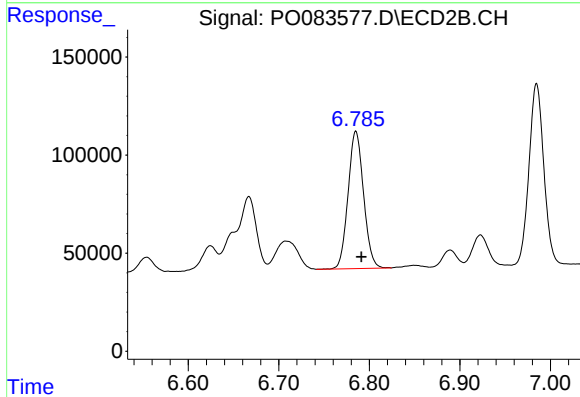
R.T.: 7.318 min
Delta R.T.: -0.006 min
Response: 1091597
Conc: 447.17 ng/ml



#31 AR-1260-1

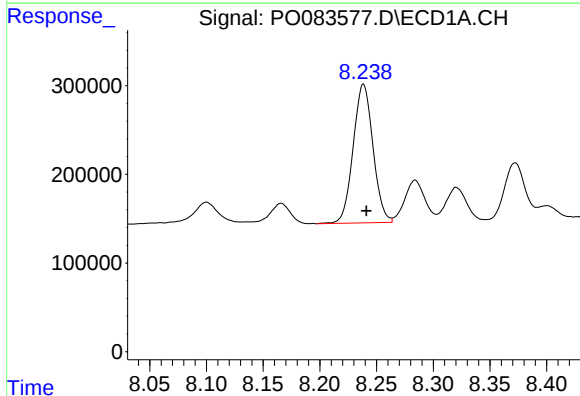
R.T.: 7.971 min
Delta R.T.: -0.003 min
Response: 1589486
Conc: 460.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



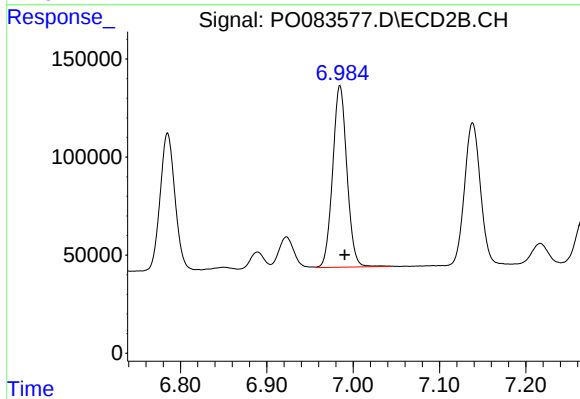
#31 AR-1260-1

R.T.: 6.785 min
Delta R.T.: -0.006 min
Response: 832798
Conc: 430.70 ng/ml



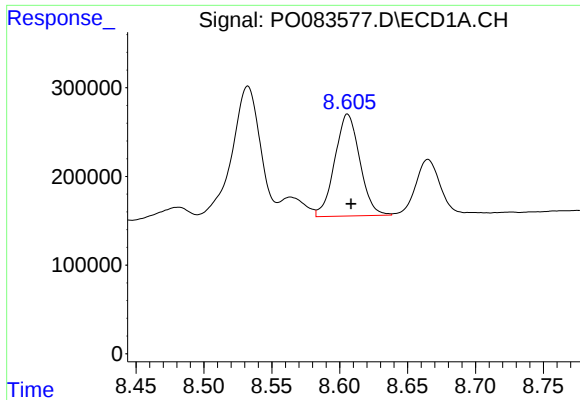
#32 AR-1260-2

R.T.: 8.238 min
Delta R.T.: -0.003 min
Response: 1901584
Conc: 455.59 ng/ml



#32 AR-1260-2

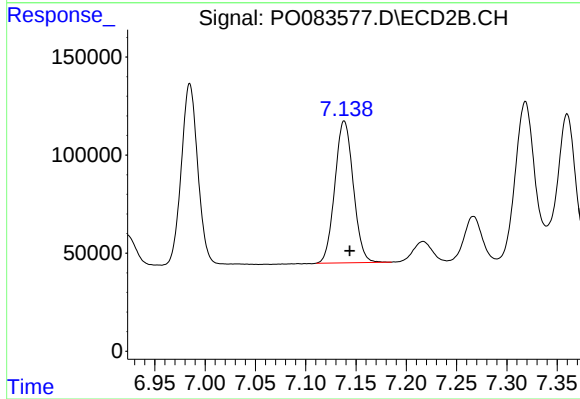
R.T.: 6.985 min
Delta R.T.: -0.005 min
Response: 1061956
Conc: 434.53 ng/ml



#33 AR-1260-3

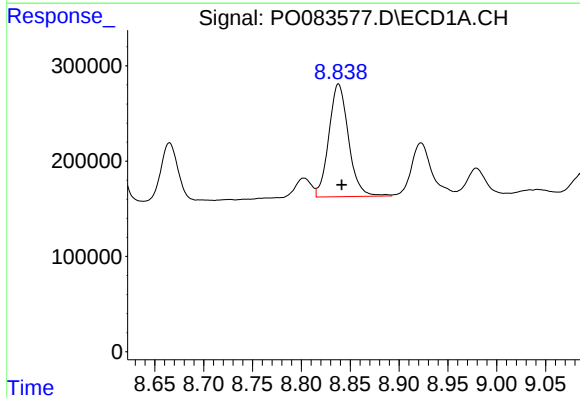
R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 1477220
Conc: 471.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



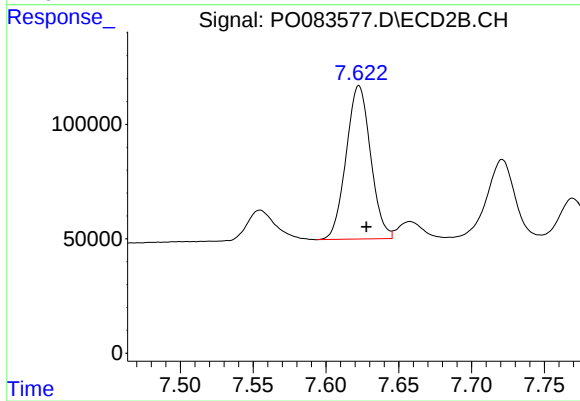
#33 AR-1260-3

R.T.: 7.138 min
Delta R.T.: -0.006 min
Response: 923532
Conc: 403.14 ng/ml



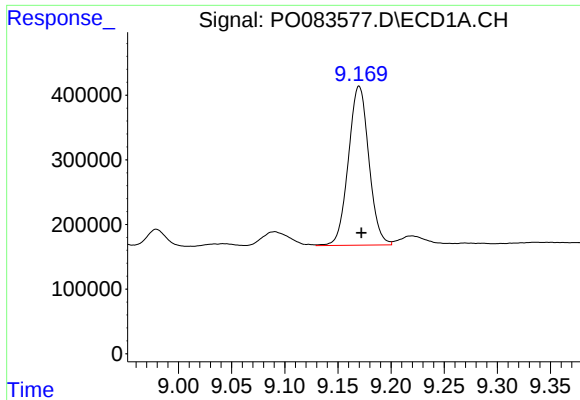
#34 AR-1260-4

R.T.: 8.838 min
Delta R.T.: -0.003 min
Response: 1657285
Conc: 473.33 ng/ml



#34 AR-1260-4

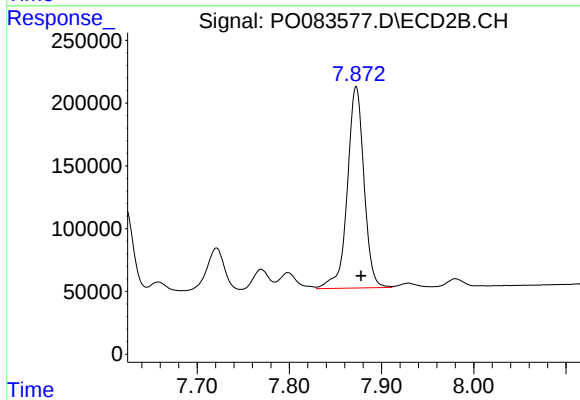
R.T.: 7.623 min
Delta R.T.: -0.005 min
Response: 783854
Conc: 431.13 ng/ml



#35 AR-1260-5

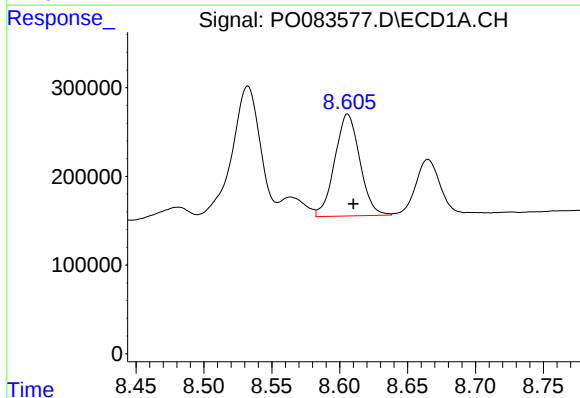
R.T.: 9.170 min
Delta R.T.: -0.002 min
Response: 3300843
Conc: 475.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



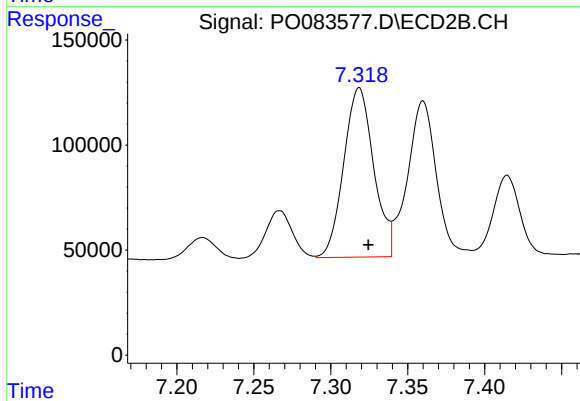
#35 AR-1260-5

R.T.: 7.873 min
Delta R.T.: -0.005 min
Response: 2013378
Conc: 428.54 ng/ml



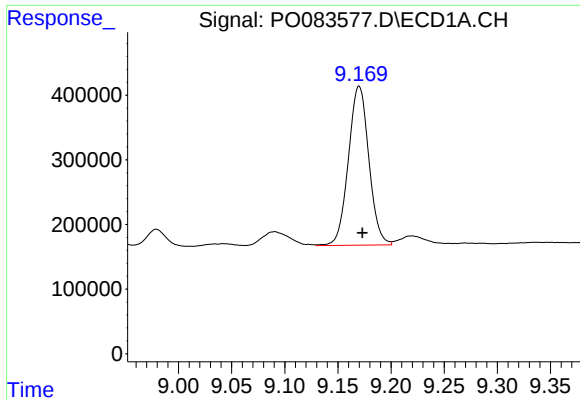
#36 AR-1262-1

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 1477220
Conc: 355.57 ng/ml



#36 AR-1262-1

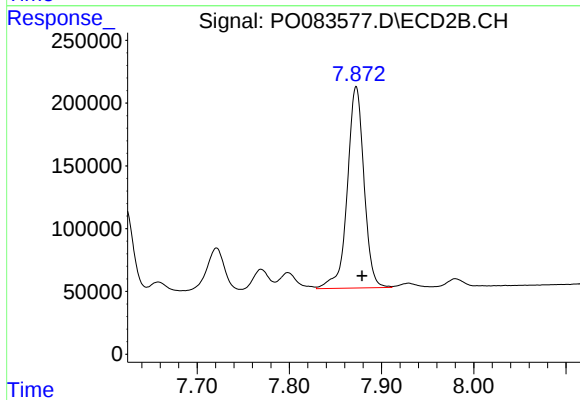
R.T.: 7.318 min
Delta R.T.: -0.006 min
Response: 1091597
Conc: 855.01 ng/ml



#37 AR-1262-2

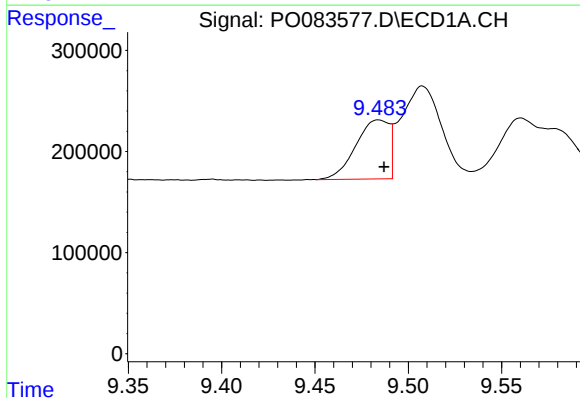
R.T.: 9.170 min
Delta R.T.: -0.003 min
Response: 3300843
Conc: 454.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



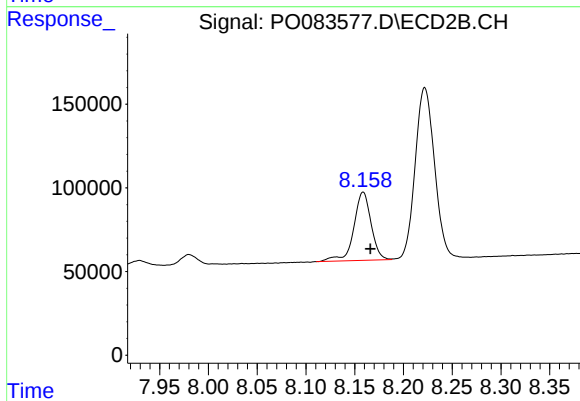
#37 AR-1262-2

R.T.: 7.873 min
Delta R.T.: -0.006 min
Response: 2013378
Conc: 429.40 ng/ml



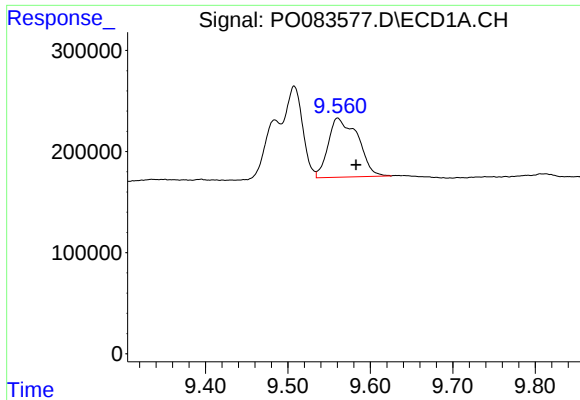
#38 AR-1262-3

R.T.: 9.484 min
Delta R.T.: -0.003 min
Response: 727333
Conc: 218.07 ng/ml



#38 AR-1262-3

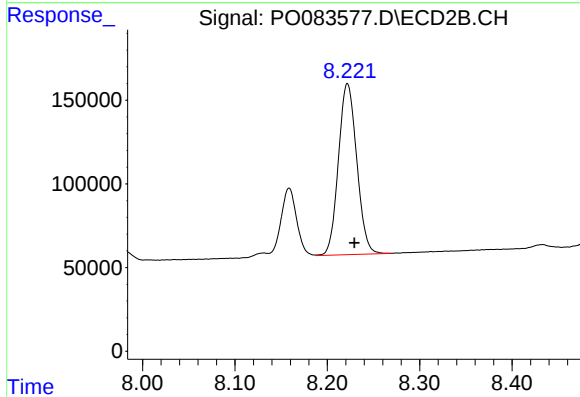
R.T.: 8.159 min
Delta R.T.: -0.008 min
Response: 501951
Conc: 264.96 ng/ml



#39 AR-1262-4

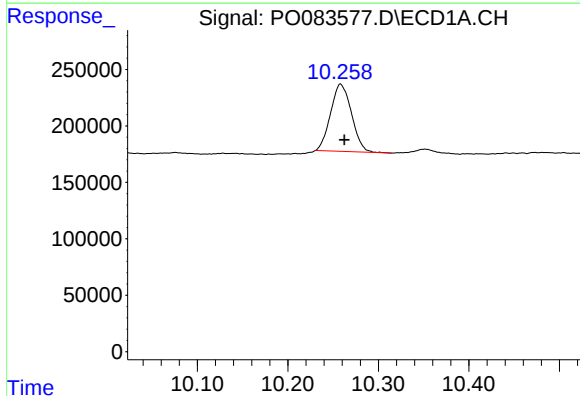
R.T.: 9.560 min
Delta R.T.: -0.022 min
Response: 1462238
Conc: 751.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



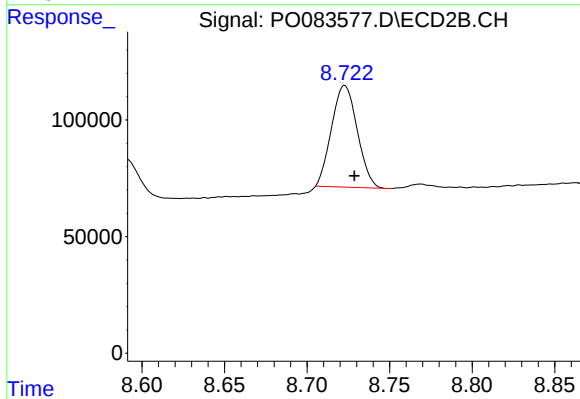
#39 AR-1262-4

R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 1408583
Conc: 418.72 ng/ml



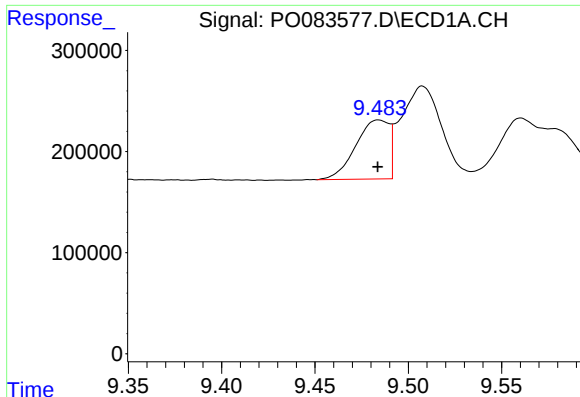
#40 AR-1262-5

R.T.: 10.258 min
Delta R.T.: -0.004 min
Response: 955479
Conc: 347.80 ng/ml



#40 AR-1262-5

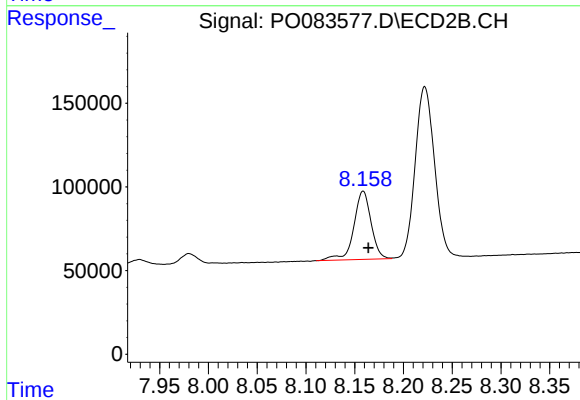
R.T.: 8.723 min
Delta R.T.: -0.006 min
Response: 472628
Conc: 303.61 ng/ml



#41 AR-1268-1

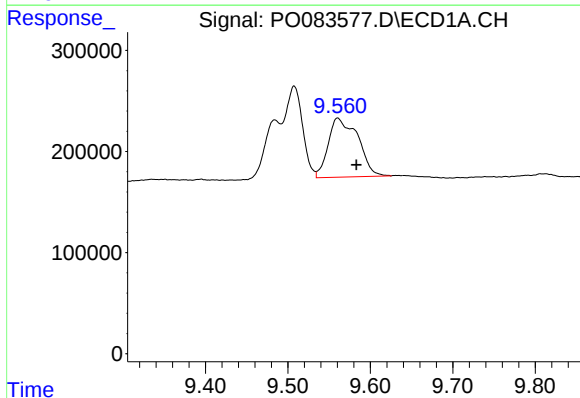
R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 727333
Conc: 82.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



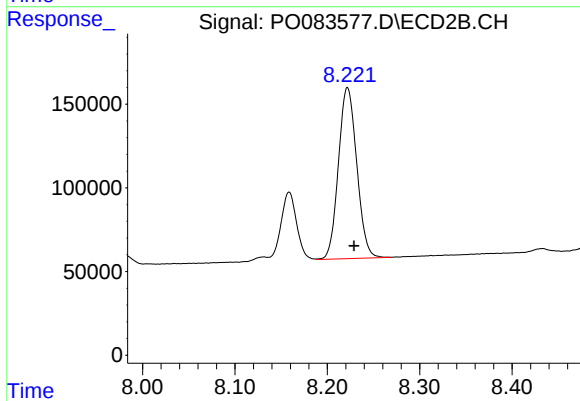
#41 AR-1268-1

R.T.: 8.159 min
Delta R.T.: -0.005 min
Response: 501951
Conc: 89.73 ng/ml



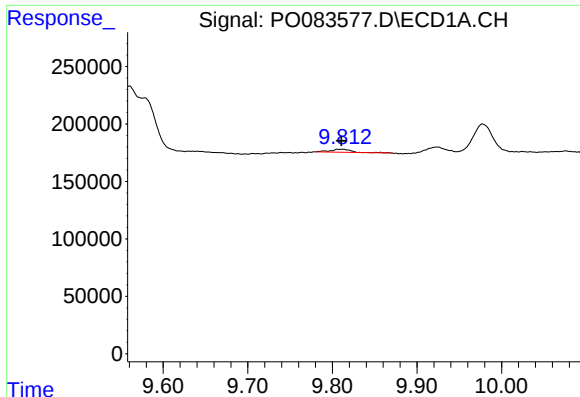
#42 AR-1268-2

R.T.: 9.560 min
Delta R.T.: -0.023 min
Response: 1462238
Conc: 177.00 ng/ml



#42 AR-1268-2

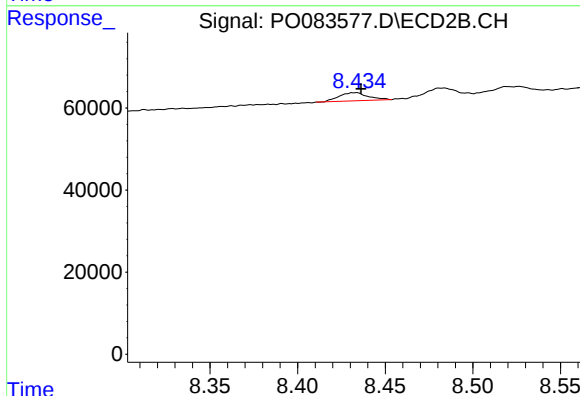
R.T.: 8.222 min
Delta R.T.: -0.007 min
Response: 1408583
Conc: 288.53 ng/ml



#43 AR-1268-3

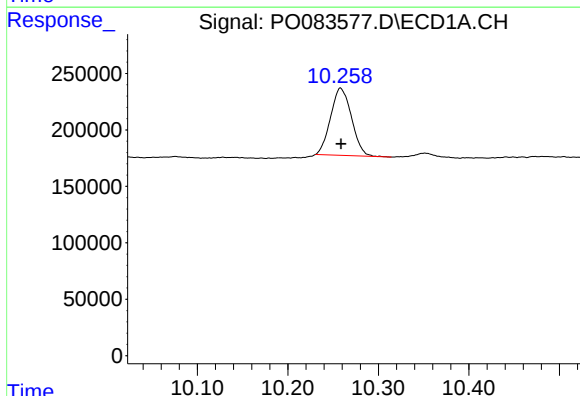
R.T.: 9.812 min
Delta R.T.: 0.002 min
Response: 41145
Conc: 5.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



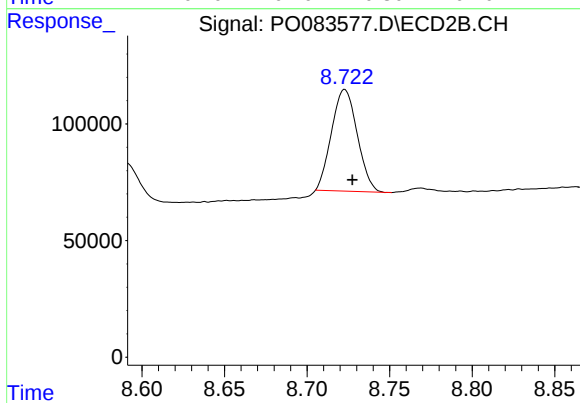
#43 AR-1268-3

R.T.: 8.433 min
Delta R.T.: -0.003 min
Response: 23263
Conc: 5.53 ng/ml



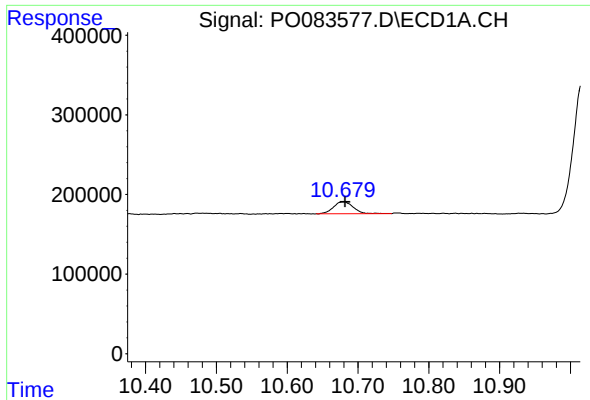
#44 AR-1268-4

R.T.: 10.258 min
Delta R.T.: 0.000 min
Response: 955479
Conc: 324.98 ng/ml



#44 AR-1268-4

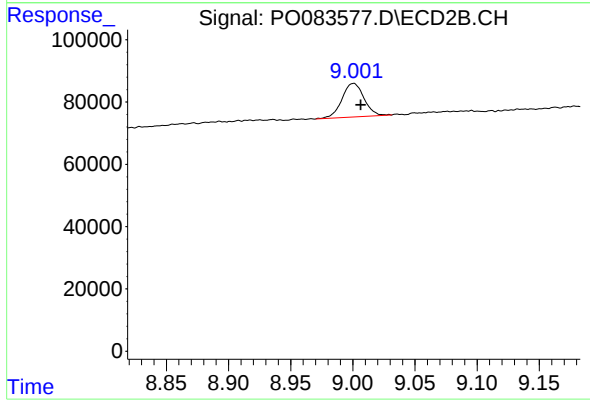
R.T.: 8.723 min
Delta R.T.: -0.005 min
Response: 472628
Conc: 274.04 ng/ml



#45 AR-1268-5

R.T.: 10.680 min
Delta R.T.: -0.003 min
Response: 293522
Conc: 12.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.001 min
Delta R.T.: -0.006 min
Response: 133726
Conc: 10.93 ng/ml