

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121021\
 Data File : PO083559.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Dec 2021 19:36
 Operator : AJ\MA
 Sample : M4992-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 01:39:47 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...	4.940	3.945	1873382	587749	19.636	18.895
2)	SA Decachlor...	11.017	9.244	1280425	502553	17.924	15.405
Target Compounds							
3)	L1 AR-1016-1	6.272	5.199	1389896	566290	438.316	423.210
4)	L1 AR-1016-2	6.296	5.219	1958849	776194	439.717	424.065
5)	L1 AR-1016-3	6.363	5.410	1176310	424329	434.624	426.954
6)	L1 AR-1016-4	6.471	5.463	966574	330036	433.653	394.853
7)	L1 AR-1016-5	6.788	5.691	934154	428916	417.457	424.994
8)	L2 AR-1221-1	5.196	4.201	261991	47769	260.531	123.195 #
9)	L2 AR-1221-2	5.294	4.301	168309	62571	233.671	217.350
10)	L2 AR-1221-3	5.382	4.389	779095	278905	338.999	300.279
11)	L3 AR-1232-1	5.382	4.389	779095	278905	404.411	352.829
12)	L3 AR-1232-2	5.975	5.219	1019883	776194	1033.836	998.884
13)	L3 AR-1232-3	6.296	5.410	1958849	424329	1087.170	1035.646
14)	L3 AR-1232-4	6.471	5.507	966574	404081	1082.783	1138.418
15)	L3 AR-1232-5	6.569	5.691	765156	428916	1224.155	1143.488
16)	L4 AR-1242-1	6.272	5.199	1389896	566290	620.797	590.796
17)	L4 AR-1242-2	6.296	5.219	1958849	776194	622.491	594.518
18)	L4 AR-1242-3	6.363	5.410	1176310	424329	611.883	598.230
19)	L4 AR-1242-4	6.471	5.507	966574	404081	601.623	629.001
20)	L4 AR-1242-5	7.260	6.071	117637	353852	67.463	375.759 #
21)	L5 AR-1248-1	6.272	5.199	1389896	566290	803.073	777.260
22)	L5 AR-1248-2	6.569	5.463	765156	330036	328.069	320.063
23)	L5 AR-1248-3	6.788	5.507	934154	404081	343.441	421.267
24)	L5 AR-1248-4	7.219	5.691	135516	428916	44.822	372.675 #
25)	L5 AR-1248-5	7.260	6.114	117637	54349	41.123	41.780
26)	L6 AR-1254-1	7.188	6.071	685864	353852	214.633	178.863
27)	L6 AR-1254-2	7.418	6.231	749326	332698	162.543	191.801
28)	L6 AR-1254-3	7.803	6.670f	396254	595459	79.435	229.515 #
29)	L6 AR-1254-4	8.100	6.893	252360	70327	70.796	37.217 #
30)	L6 AR-1254-5	8.532	7.321	2226902	1145041	620.886	469.062
31)	L7 AR-1260-1	7.971	6.789	1609736	818926	466.563	423.528
32)	L7 AR-1260-2	8.238	6.988	1863100	1051419	446.369	430.216
33)	L7 AR-1260-3	8.606	7.142	1168051	919856	372.578	401.537
34)	L7 AR-1260-4	8.838	7.625	1407565	657514	402.006	361.643
35)	L7 AR-1260-5	9.169	7.875	2747369	1708538	395.613	363.653
36)	L8 AR-1262-1	8.606	7.321	1168051	1145041	281.152	896.868 #
37)	L8 AR-1262-2	9.169	7.875	2747369	1708538	378.212	364.382
38)	L8 AR-1262-3	9.506f	8.161	1764849	347868	529.147	183.625 #
39)	L8 AR-1262-4	9.560f	8.225	994940	1147539	511.317	341.123 #
40)	L8 AR-1262-5	10.258	8.725	653121	326366	237.740	209.653
41)	L9 AR-1268-1	9.506f	8.161	1764849	347868	200.024	62.184 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121021\
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 Operator : AJ\MA
 Sample : M4992-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

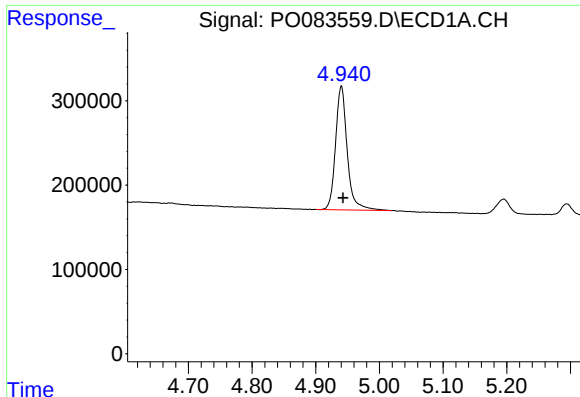
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 01:39:47 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	8.225	994940	1147539	120.435	235.057 #
43) L9	AR-1268-3	9.808	8.436	39952	26221	5.705	6.228
44) L9	AR-1268-4	10.258	8.725	653121	326366	222.143	189.236
45) L9	AR-1268-5	10.677	9.003	242780	100912	10.242	8.244

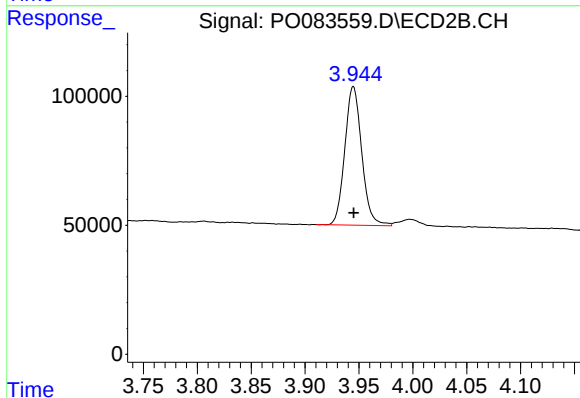
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

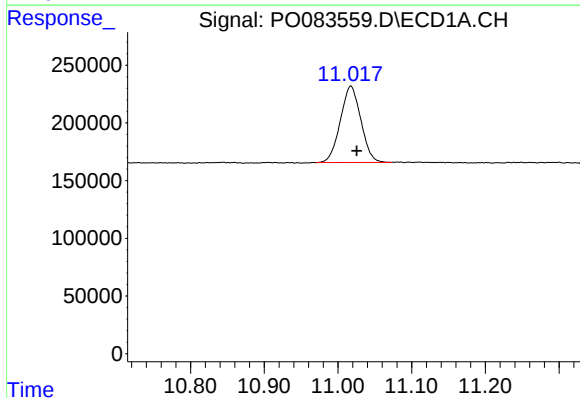
R.T.: 4.940 min
Delta R.T.: -0.003 min
Response: 1873382
Conc: 19.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



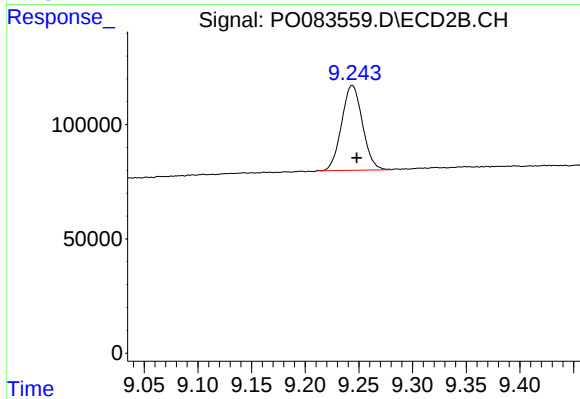
#1 Tetrachloro-m-xylene

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 587749
Conc: 18.90 ng/ml



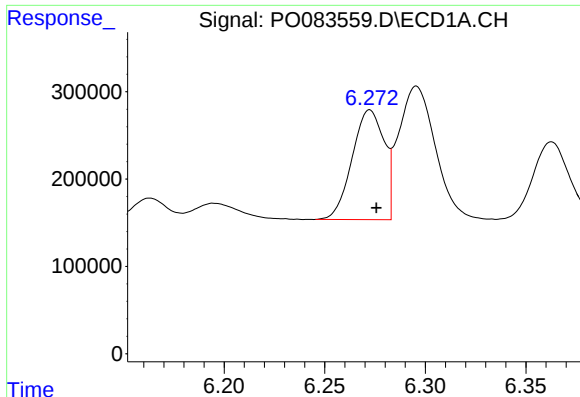
#2 Decachlorobiphenyl

R.T.: 11.017 min
Delta R.T.: -0.008 min
Response: 1280425
Conc: 17.92 ng/ml



#2 Decachlorobiphenyl

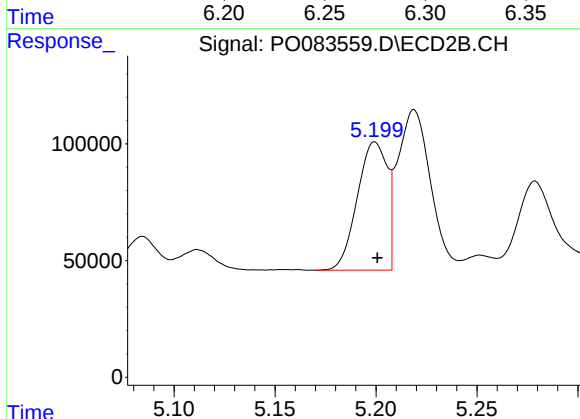
R.T.: 9.244 min
Delta R.T.: -0.004 min
Response: 502553
Conc: 15.40 ng/ml



#3 AR-1016-1

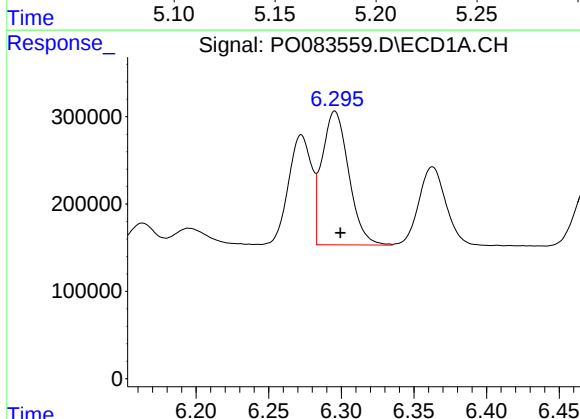
R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 1389896
Conc: 438.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



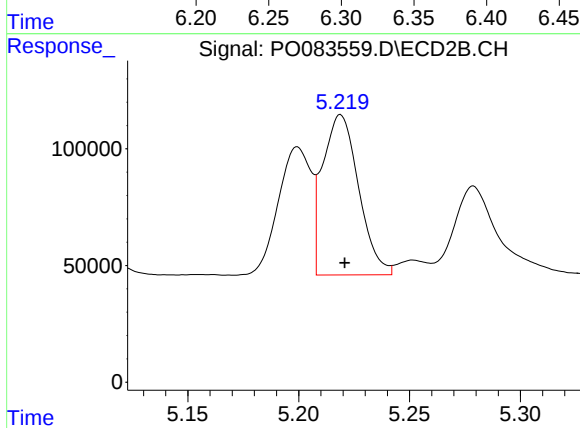
#3 AR-1016-1

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 566290
Conc: 423.21 ng/ml



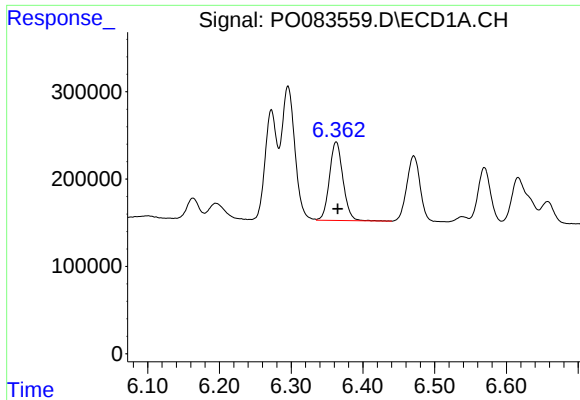
#4 AR-1016-2

R.T.: 6.296 min
Delta R.T.: -0.004 min
Response: 1958849
Conc: 439.72 ng/ml



#4 AR-1016-2

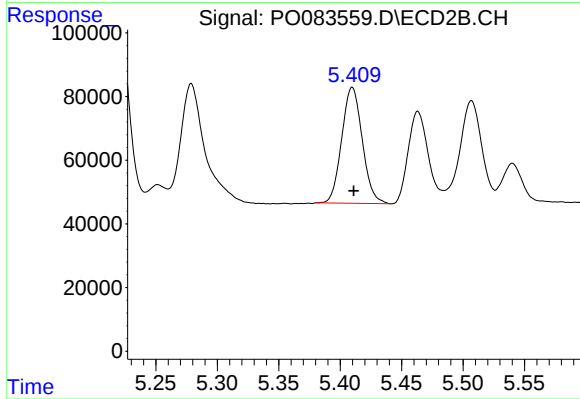
R.T.: 5.219 min
Delta R.T.: -0.002 min
Response: 776194
Conc: 424.07 ng/ml



#5 AR-1016-3

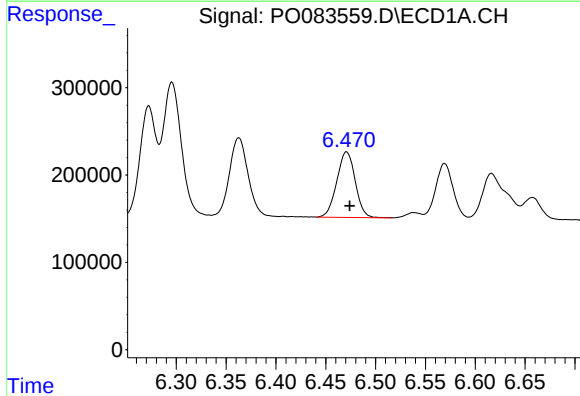
R.T.: 6.363 min
Delta R.T.: -0.002 min
Response: 1176310
Conc: 434.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



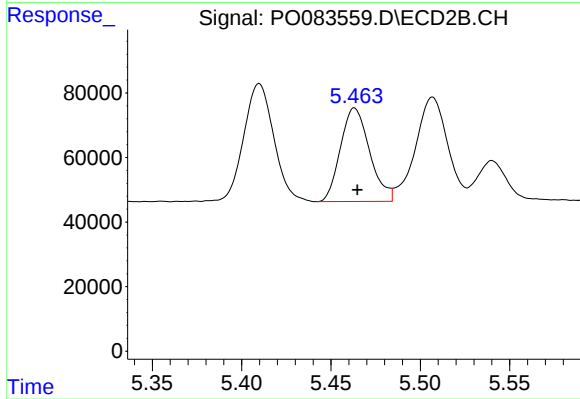
#5 AR-1016-3

R.T.: 5.410 min
Delta R.T.: -0.001 min
Response: 424329
Conc: 426.95 ng/ml



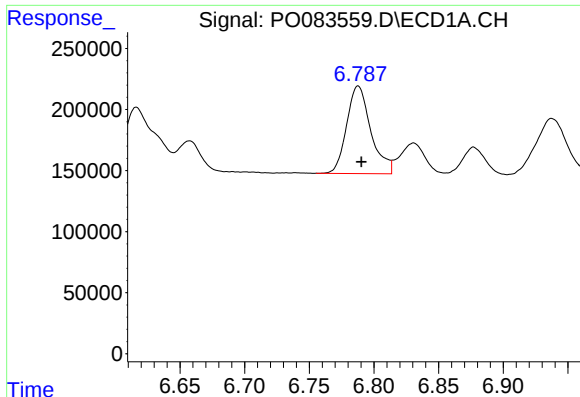
#6 AR-1016-4

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 966574
Conc: 433.65 ng/ml



#6 AR-1016-4

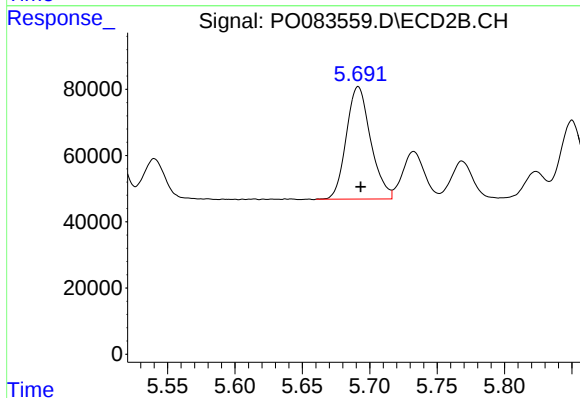
R.T.: 5.463 min
Delta R.T.: -0.001 min
Response: 330036
Conc: 394.85 ng/ml



#7 AR-1016-5

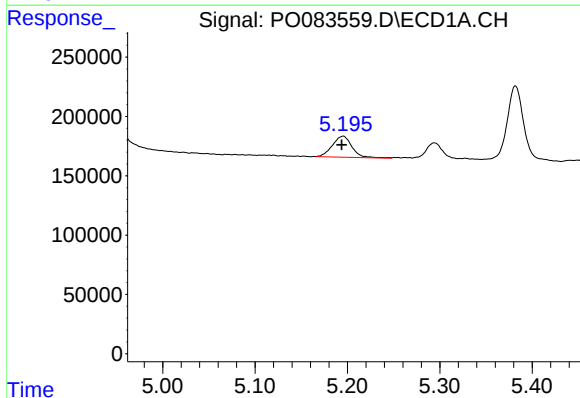
R.T.: 6.788 min
Delta R.T.: -0.003 min
Response: 934154
Conc: 417.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



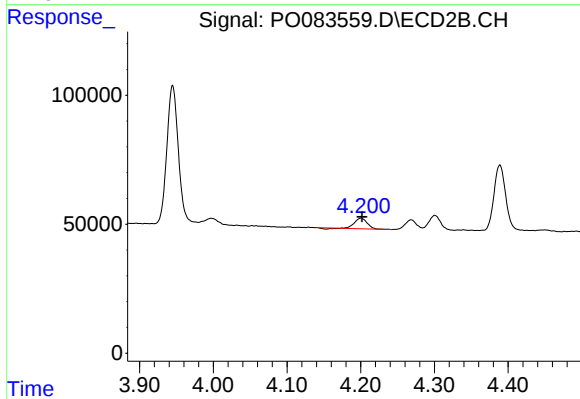
#7 AR-1016-5

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 428916
Conc: 424.99 ng/ml



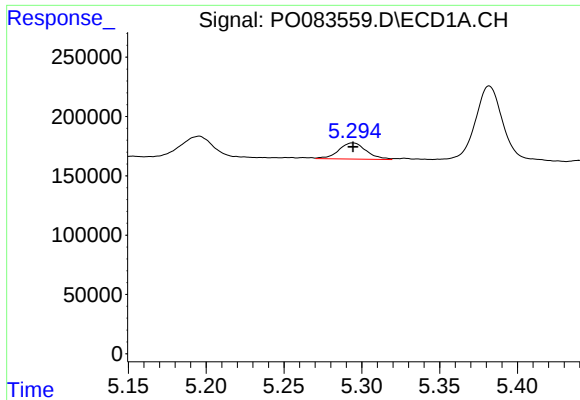
#8 AR-1221-1

R.T.: 5.196 min
Delta R.T.: 0.002 min
Response: 261991
Conc: 260.53 ng/ml



#8 AR-1221-1

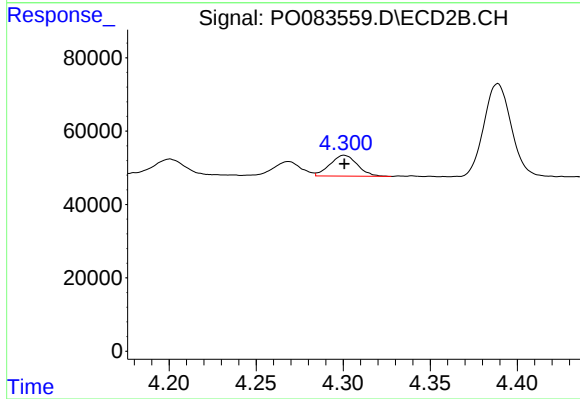
R.T.: 4.201 min
Delta R.T.: -0.001 min
Response: 47769
Conc: 123.19 ng/ml



#9 AR-1221-2

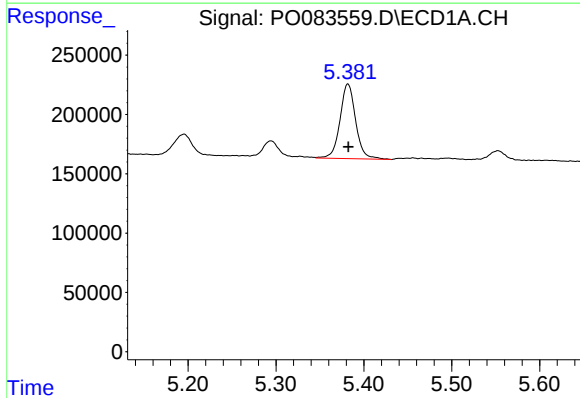
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 168309
Conc: 233.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



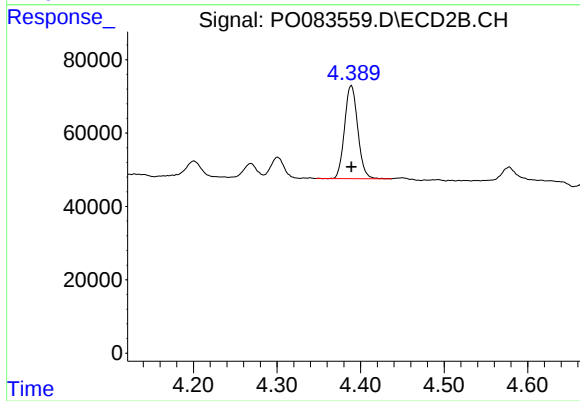
#9 AR-1221-2

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 62571
Conc: 217.35 ng/ml



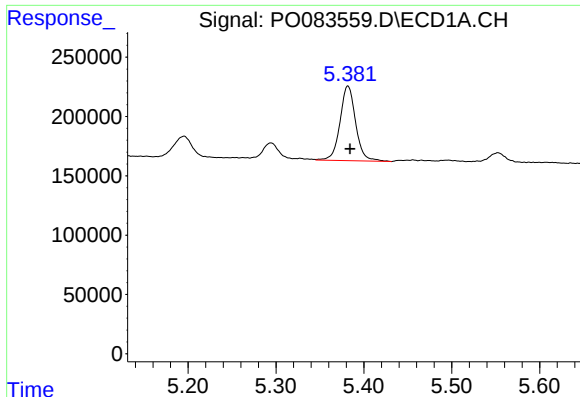
#10 AR-1221-3

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 779095
Conc: 339.00 ng/ml



#10 AR-1221-3

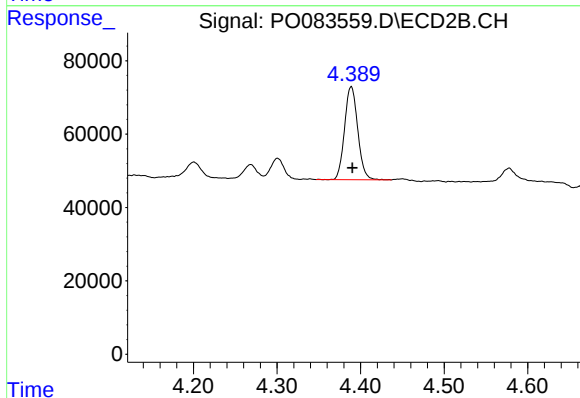
R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 278905
Conc: 300.28 ng/ml



#11 AR-1232-1

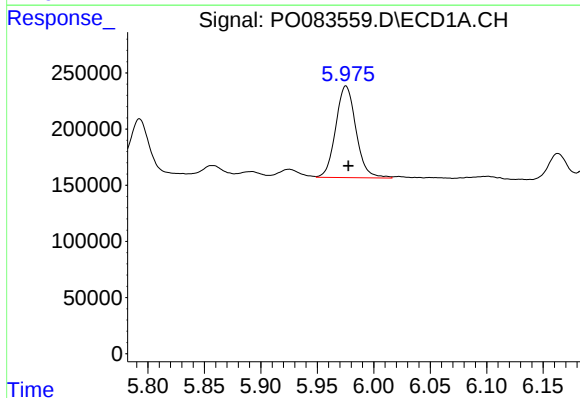
R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 779095
Conc: 404.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



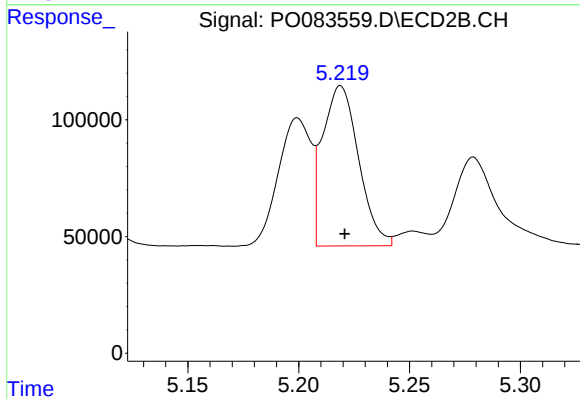
#11 AR-1232-1

R.T.: 4.389 min
Delta R.T.: -0.001 min
Response: 278905
Conc: 352.83 ng/ml



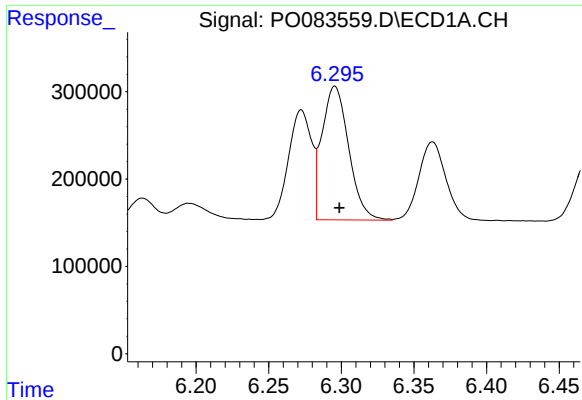
#12 AR-1232-2

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 1019883
Conc: 1033.84 ng/ml



#12 AR-1232-2

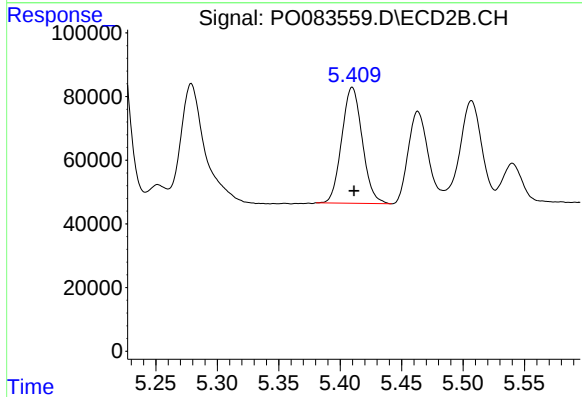
R.T.: 5.219 min
Delta R.T.: -0.002 min
Response: 776194
Conc: 998.88 ng/ml



#13 AR-1232-3

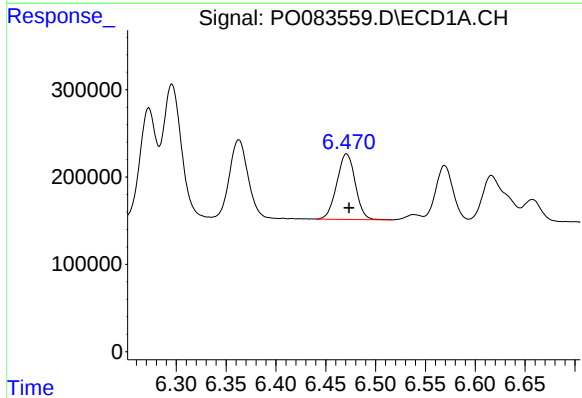
R.T.: 6.296 min
Delta R.T.: -0.003 min
Response: 1958849
Conc: 1087.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



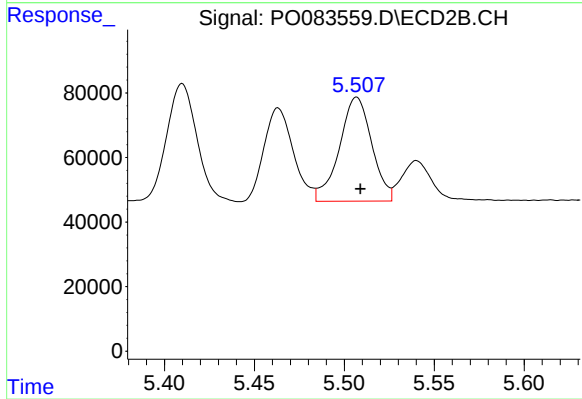
#13 AR-1232-3

R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 424329
Conc: 1035.65 ng/ml



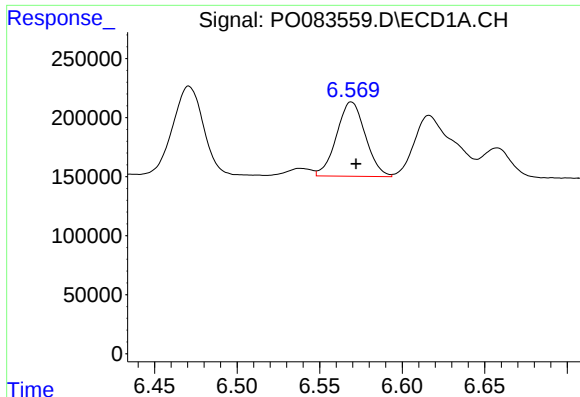
#14 AR-1232-4

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 966574
Conc: 1082.78 ng/ml



#14 AR-1232-4

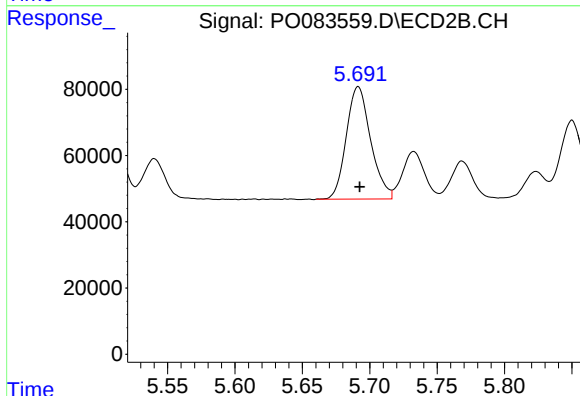
R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 404081
Conc: 1138.42 ng/ml



#15 AR-1232-5

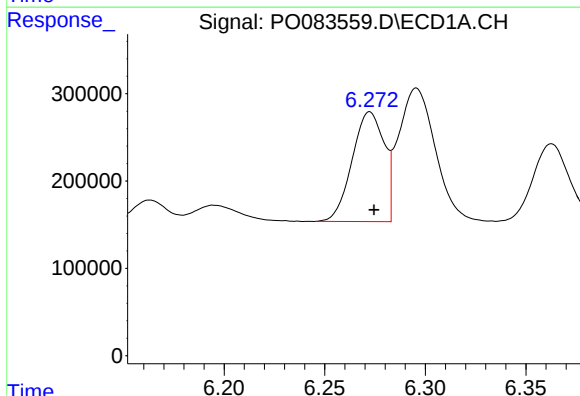
R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 765156
Conc: 1224.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



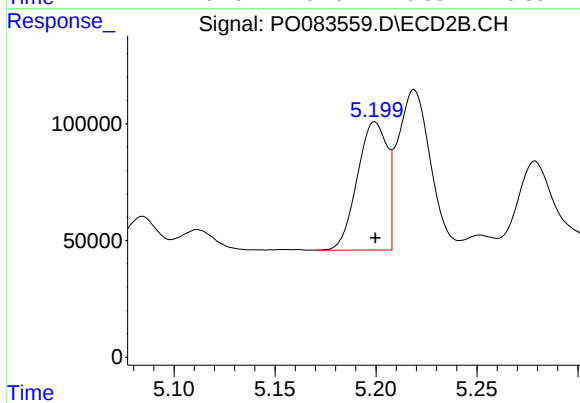
#15 AR-1232-5

R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 428916
Conc: 1143.49 ng/ml



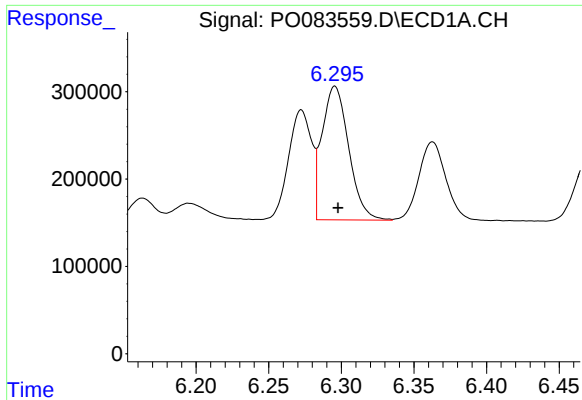
#16 AR-1242-1

R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 1389896
Conc: 620.80 ng/ml



#16 AR-1242-1

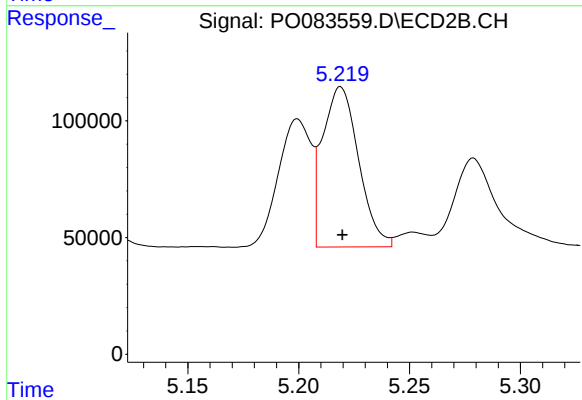
R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 566290
Conc: 590.80 ng/ml



#17 AR-1242-2

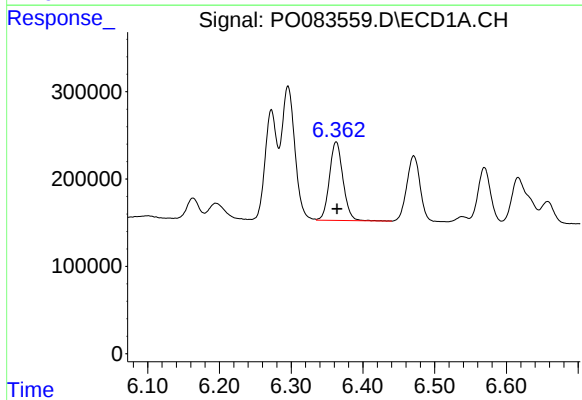
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 1958849
Conc: 622.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



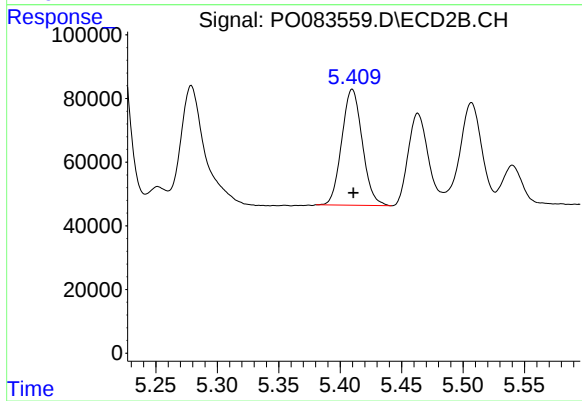
#17 AR-1242-2

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 776194
Conc: 594.52 ng/ml



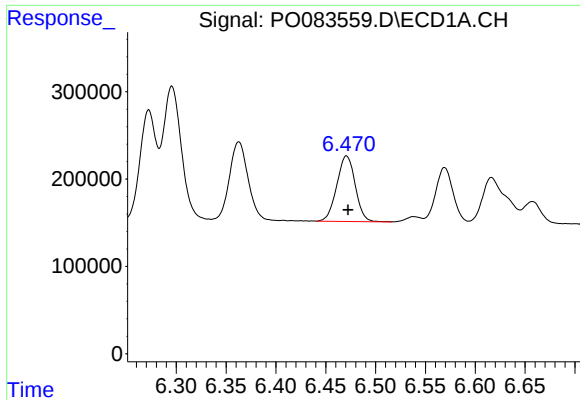
#18 AR-1242-3

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 1176310
Conc: 611.88 ng/ml



#18 AR-1242-3

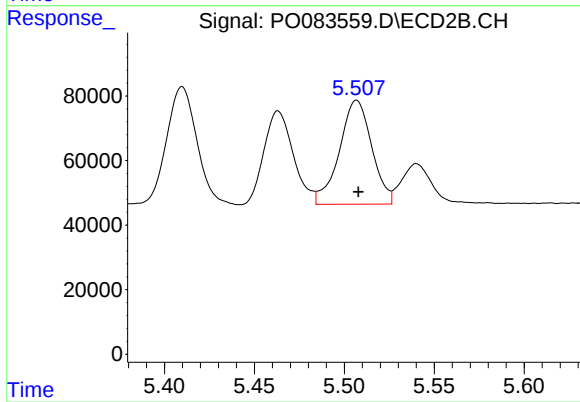
R.T.: 5.410 min
Delta R.T.: -0.001 min
Response: 424329
Conc: 598.23 ng/ml



#19 AR-1242-4

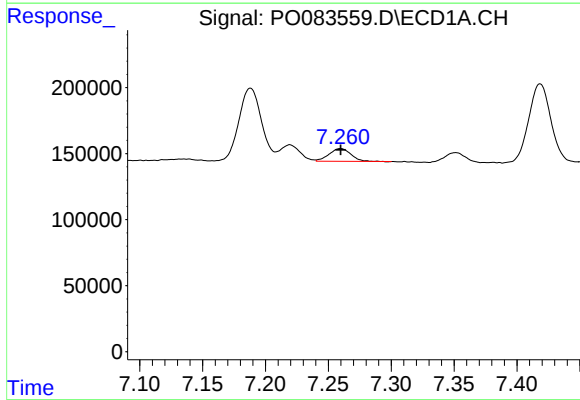
R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 966574
Conc: 601.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



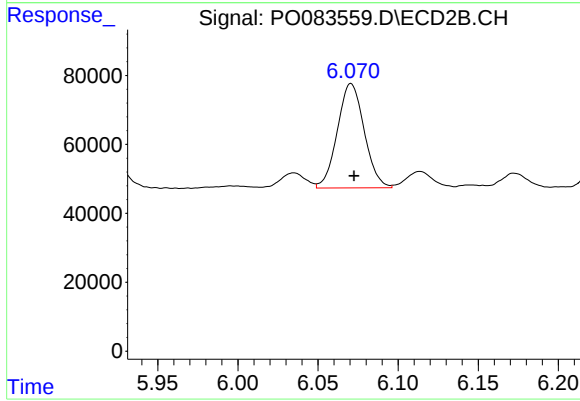
#19 AR-1242-4

R.T.: 5.507 min
Delta R.T.: -0.001 min
Response: 404081
Conc: 629.00 ng/ml



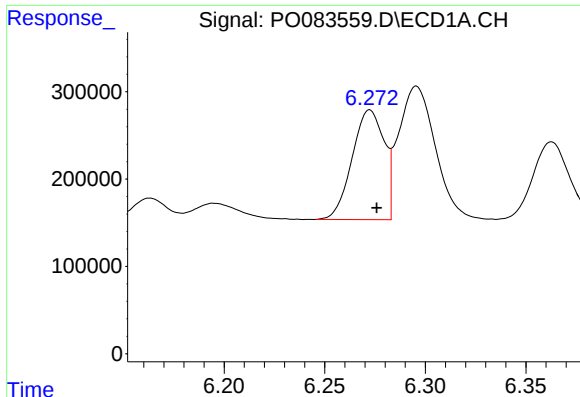
#20 AR-1242-5

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 117637
Conc: 67.46 ng/ml



#20 AR-1242-5

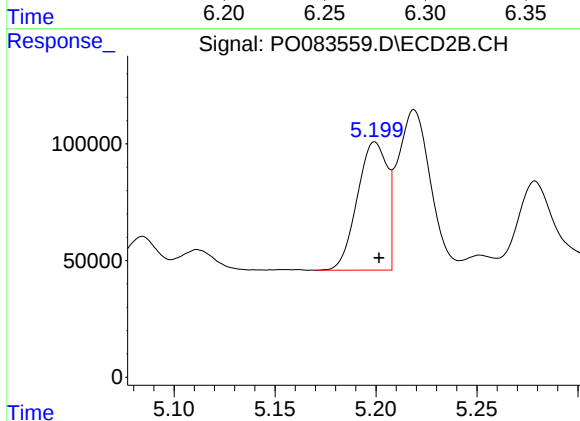
R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 353852
Conc: 375.76 ng/ml



#21 AR-1248-1

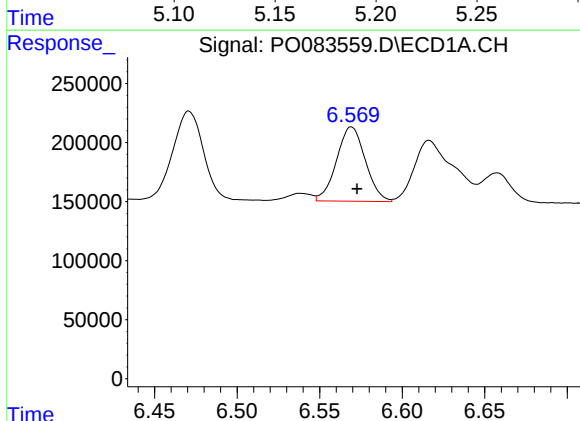
R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 1389896
Conc: 803.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



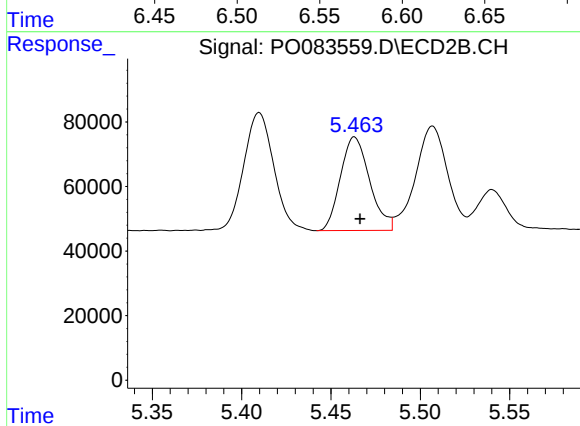
#21 AR-1248-1

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 566290
Conc: 777.26 ng/ml



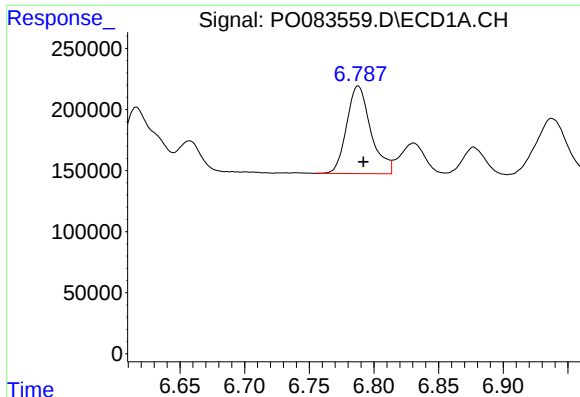
#22 AR-1248-2

R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 765156
Conc: 328.07 ng/ml



#22 AR-1248-2

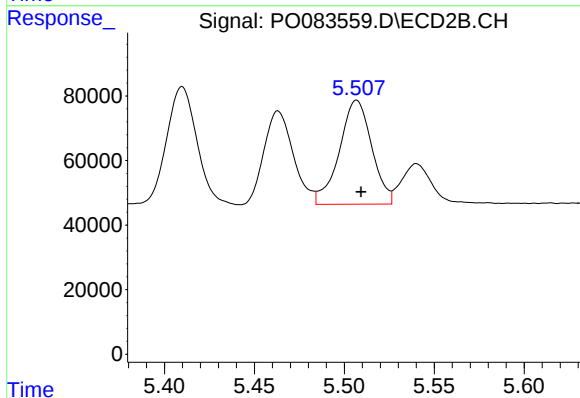
R.T.: 5.463 min
Delta R.T.: -0.003 min
Response: 330036
Conc: 320.06 ng/ml



#23 AR-1248-3

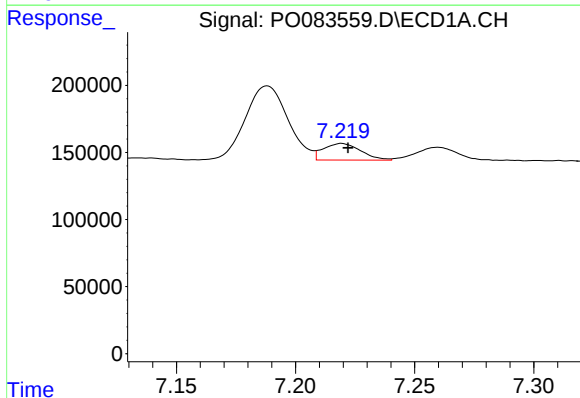
R.T.: 6.788 min
Delta R.T.: -0.004 min
Response: 934154
Conc: 343.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



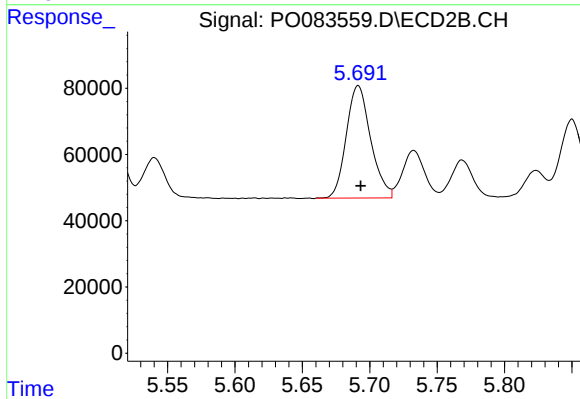
#23 AR-1248-3

R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 404081
Conc: 421.27 ng/ml



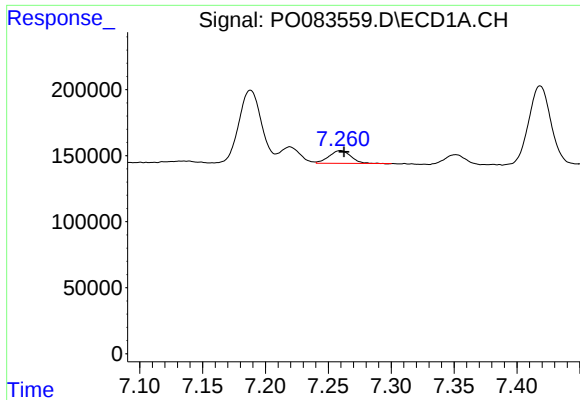
#24 AR-1248-4

R.T.: 7.219 min
Delta R.T.: -0.003 min
Response: 135516
Conc: 44.82 ng/ml



#24 AR-1248-4

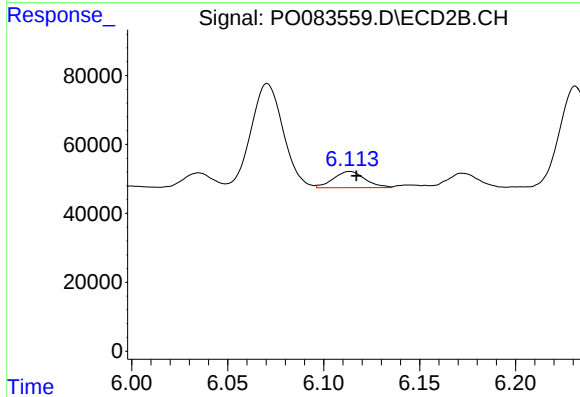
R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 428916
Conc: 372.68 ng/ml



#25 AR-1248-5

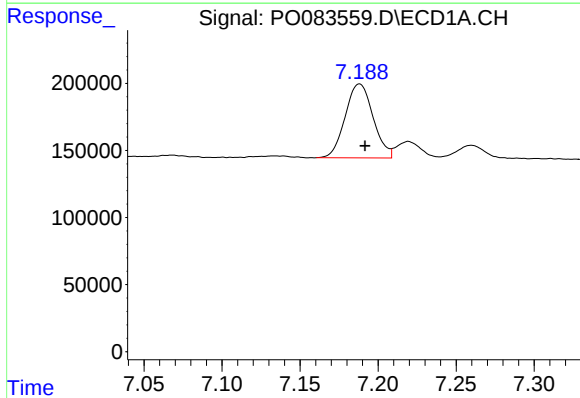
R.T.: 7.260 min
Delta R.T.: -0.003 min
Response: 117637
Conc: 41.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



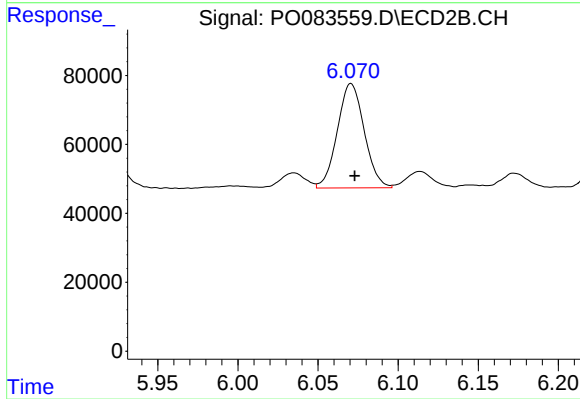
#25 AR-1248-5

R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 54349
Conc: 41.78 ng/ml



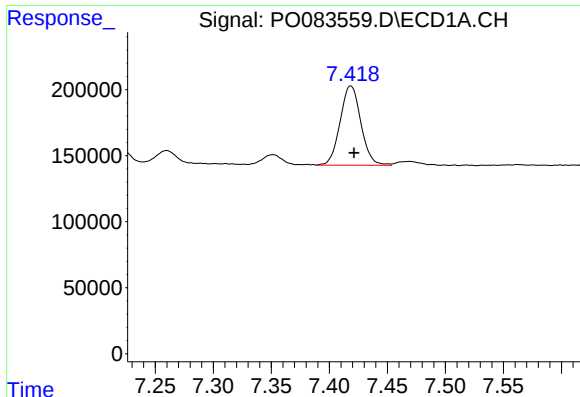
#26 AR-1254-1

R.T.: 7.188 min
Delta R.T.: -0.004 min
Response: 685864
Conc: 214.63 ng/ml



#26 AR-1254-1

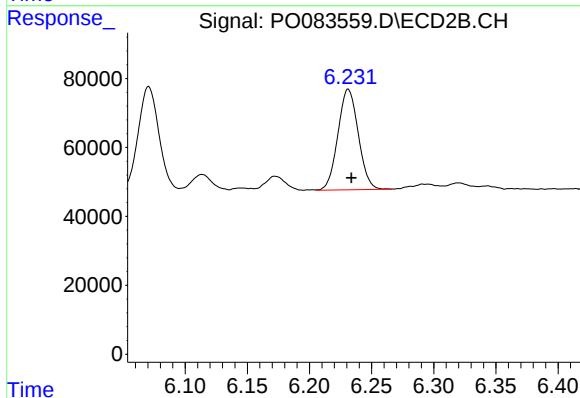
R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 353852
Conc: 178.86 ng/ml



#27 AR-1254-2

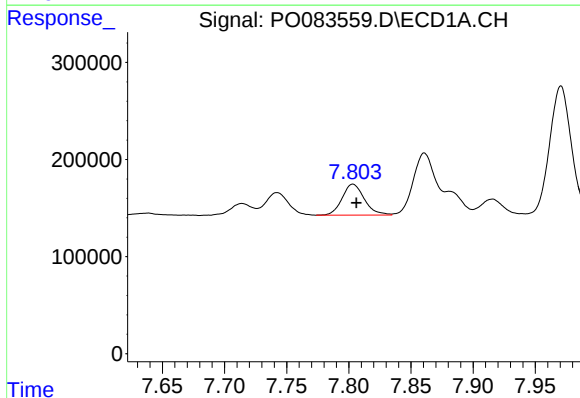
R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 749326
Conc: 162.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



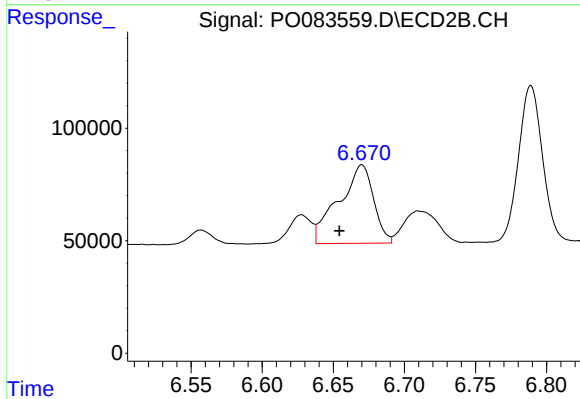
#27 AR-1254-2

R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 332698
Conc: 191.80 ng/ml



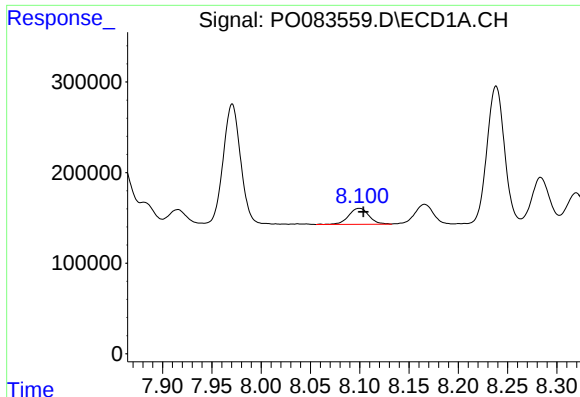
#28 AR-1254-3

R.T.: 7.803 min
Delta R.T.: -0.003 min
Response: 396254
Conc: 79.43 ng/ml



#28 AR-1254-3

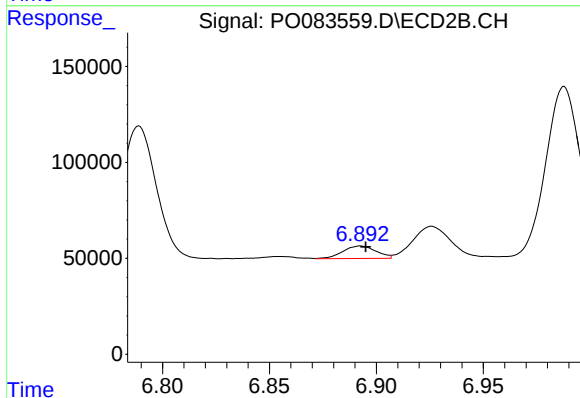
R.T.: 6.670 min
Delta R.T.: 0.016 min
Response: 595459
Conc: 229.52 ng/ml



#29 AR-1254-4

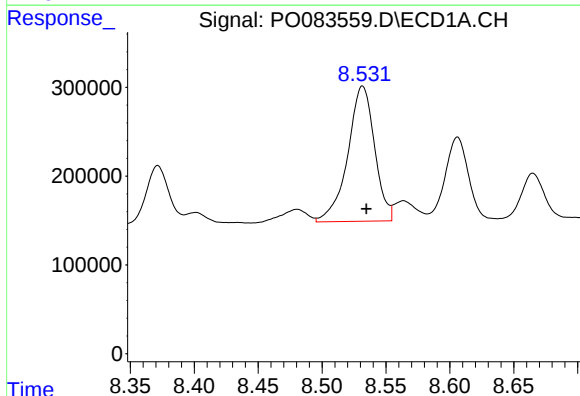
R.T.: 8.100 min
Delta R.T.: -0.004 min
Response: 252360
Conc: 70.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



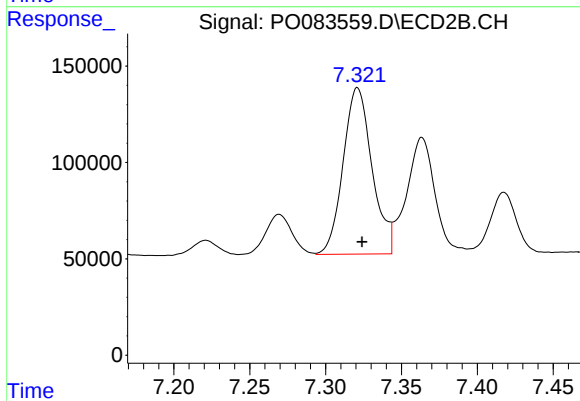
#29 AR-1254-4

R.T.: 6.893 min
Delta R.T.: -0.002 min
Response: 70327
Conc: 37.22 ng/ml



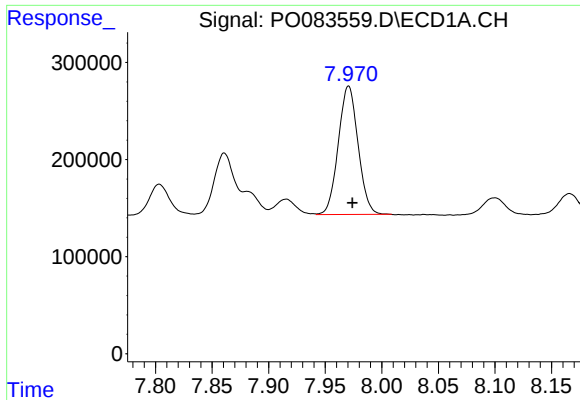
#30 AR-1254-5

R.T.: 8.532 min
Delta R.T.: -0.003 min
Response: 2226902
Conc: 620.89 ng/ml



#30 AR-1254-5

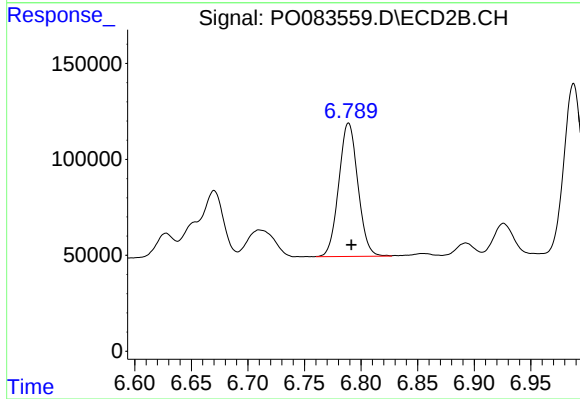
R.T.: 7.321 min
Delta R.T.: -0.003 min
Response: 1145041
Conc: 469.06 ng/ml



#31 AR-1260-1

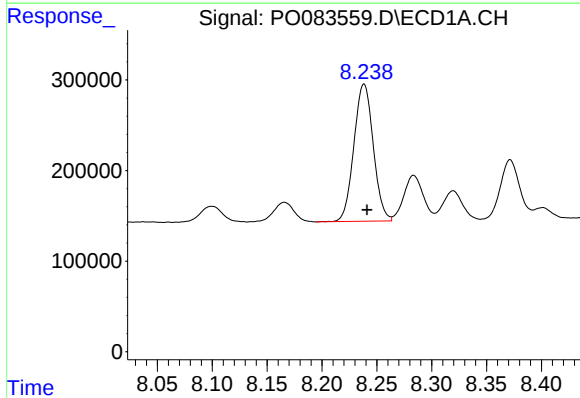
R.T.: 7.971 min
Delta R.T.: -0.003 min
Response: 1609736
Conc: 466.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



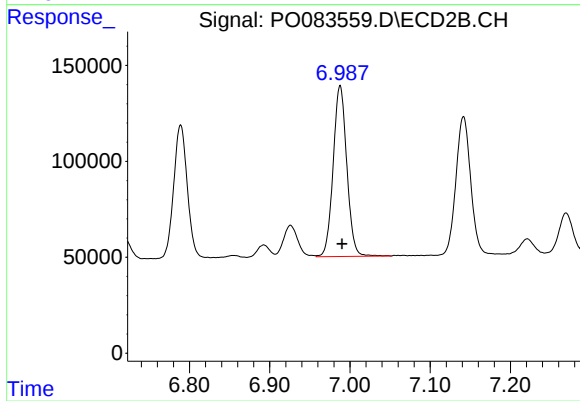
#31 AR-1260-1

R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 818926
Conc: 423.53 ng/ml



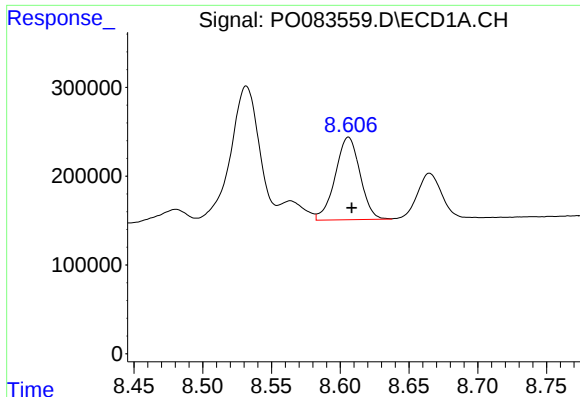
#32 AR-1260-2

R.T.: 8.238 min
Delta R.T.: -0.003 min
Response: 1863100
Conc: 446.37 ng/ml



#32 AR-1260-2

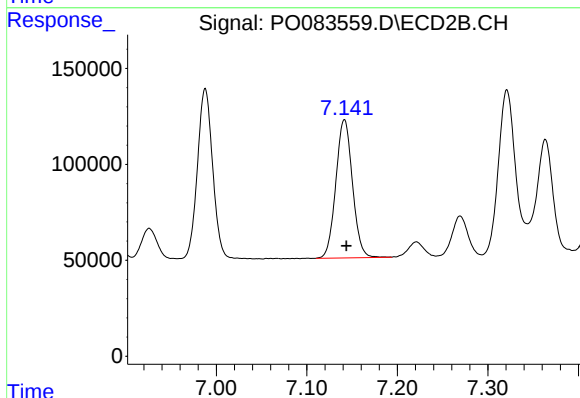
R.T.: 6.988 min
Delta R.T.: -0.002 min
Response: 1051419
Conc: 430.22 ng/ml



#33 AR-1260-3

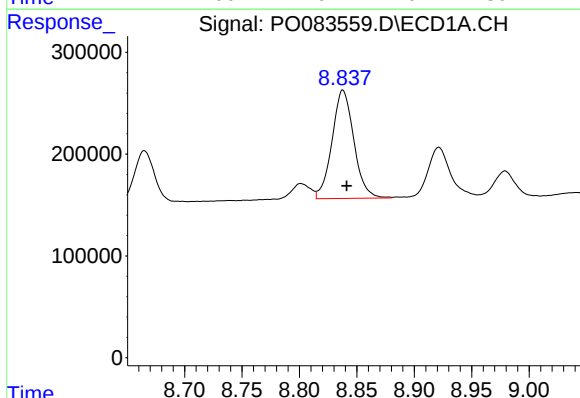
R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 1168051
Conc: 372.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



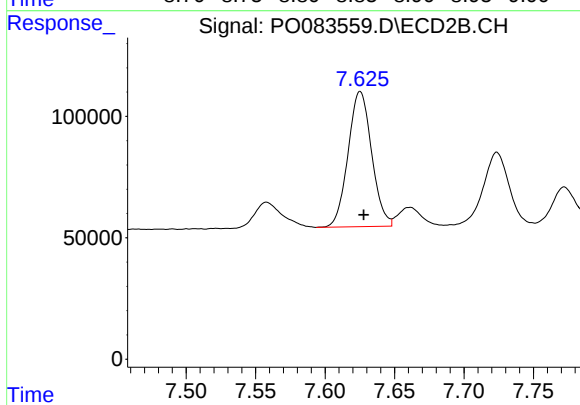
#33 AR-1260-3

R.T.: 7.142 min
Delta R.T.: -0.002 min
Response: 919856
Conc: 401.54 ng/ml



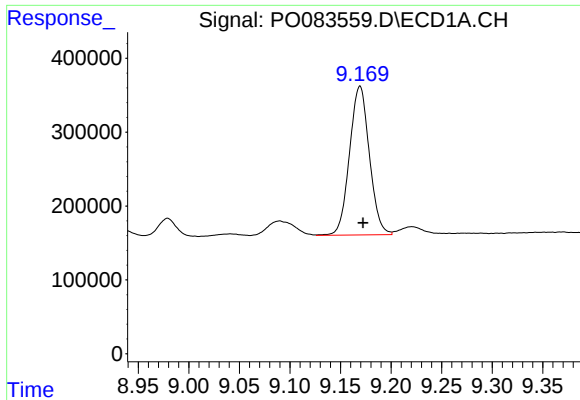
#34 AR-1260-4

R.T.: 8.838 min
Delta R.T.: -0.004 min
Response: 1407565
Conc: 402.01 ng/ml



#34 AR-1260-4

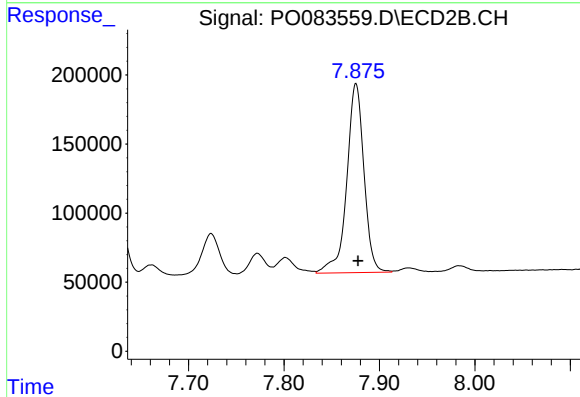
R.T.: 7.625 min
Delta R.T.: -0.003 min
Response: 657514
Conc: 361.64 ng/ml



#35 AR-1260-5

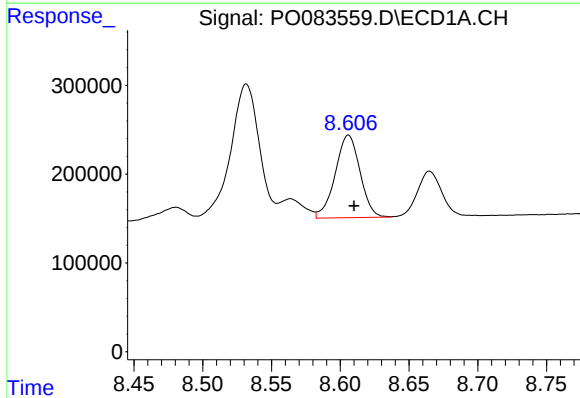
R.T.: 9.169 min
Delta R.T.: -0.003 min
Response: 2747369
Conc: 395.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



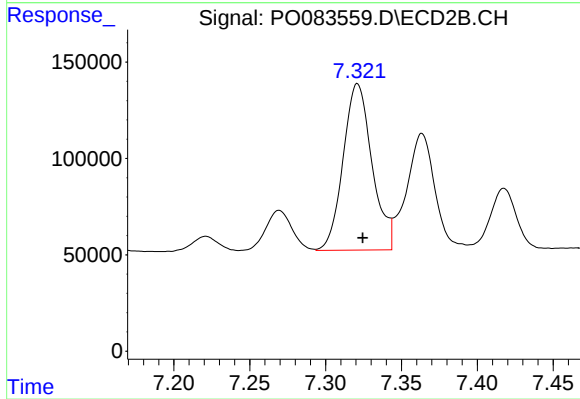
#35 AR-1260-5

R.T.: 7.875 min
Delta R.T.: -0.002 min
Response: 1708538
Conc: 363.65 ng/ml



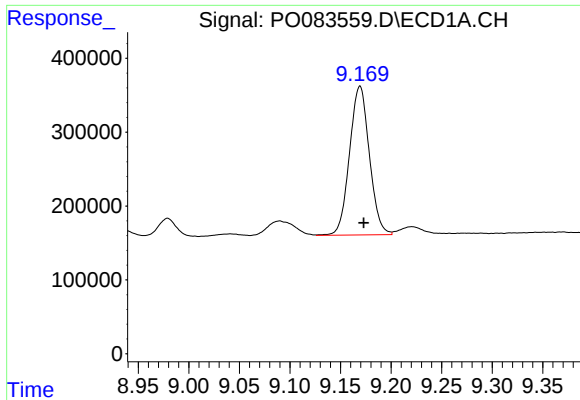
#36 AR-1262-1

R.T.: 8.606 min
Delta R.T.: -0.004 min
Response: 1168051
Conc: 281.15 ng/ml



#36 AR-1262-1

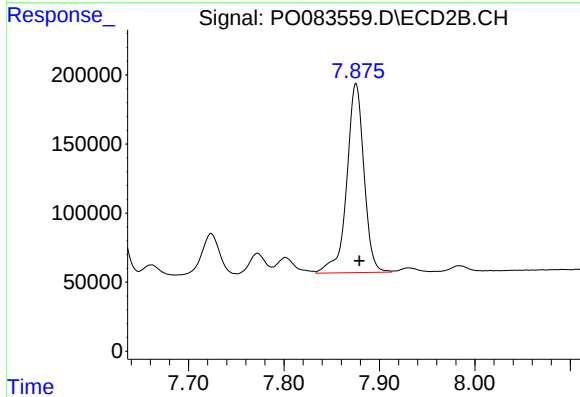
R.T.: 7.321 min
Delta R.T.: -0.003 min
Response: 1145041
Conc: 896.87 ng/ml



#37 AR-1262-2

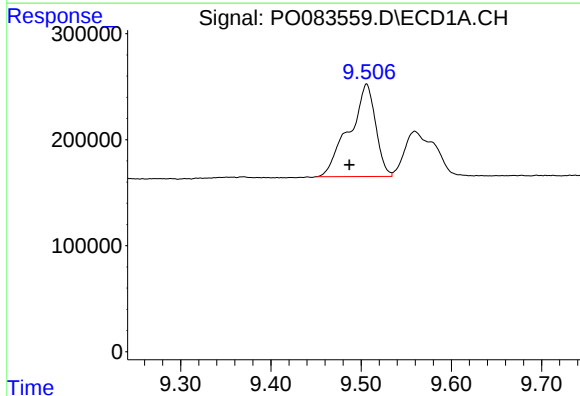
R.T.: 9.169 min
Delta R.T.: -0.004 min
Response: 2747369
Conc: 378.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



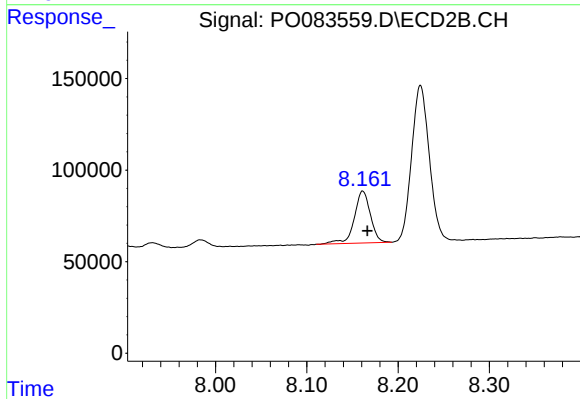
#37 AR-1262-2

R.T.: 7.875 min
Delta R.T.: -0.003 min
Response: 1708538
Conc: 364.38 ng/ml



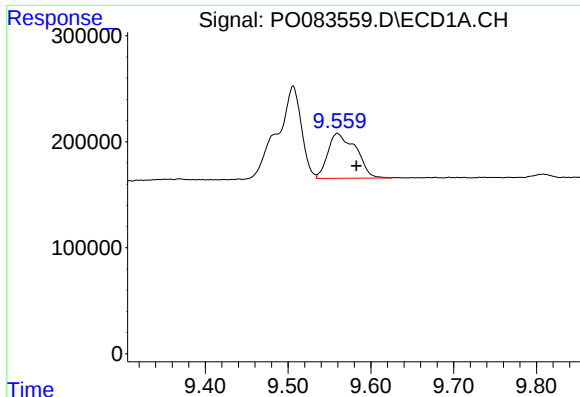
#38 AR-1262-3

R.T.: 9.506 min
Delta R.T.: 0.019 min
Response: 1764849
Conc: 529.15 ng/ml



#38 AR-1262-3

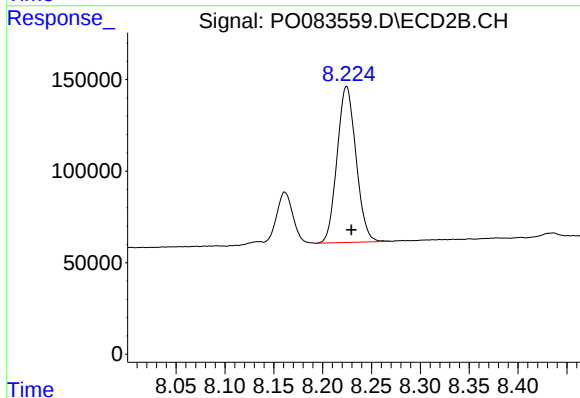
R.T.: 8.161 min
Delta R.T.: -0.005 min
Response: 347868
Conc: 183.63 ng/ml



#39 AR-1262-4

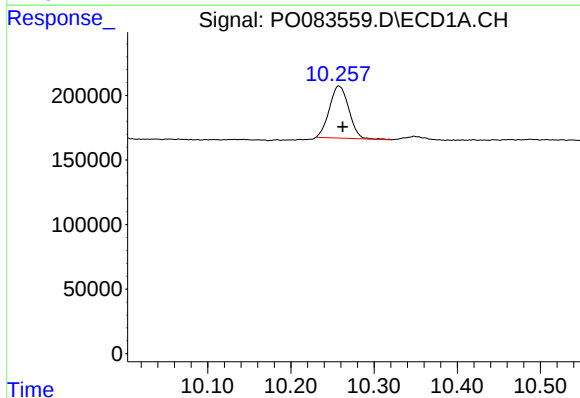
R.T.: 9.560 min
Delta R.T.: -0.023 min
Response: 994940
Conc: 511.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



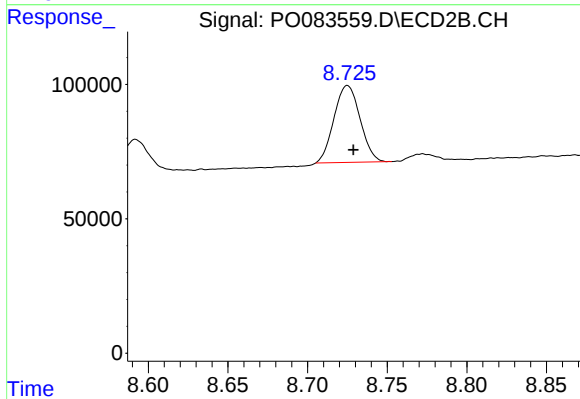
#39 AR-1262-4

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 1147539
Conc: 341.12 ng/ml



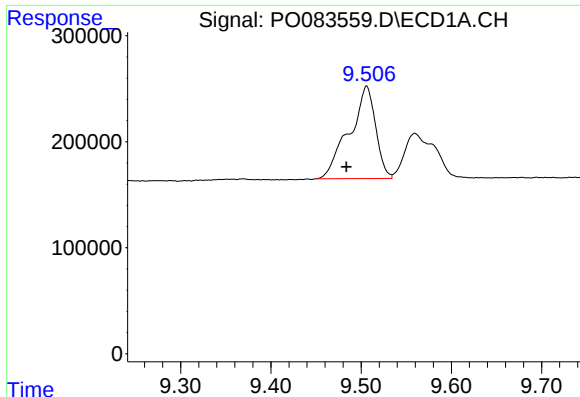
#40 AR-1262-5

R.T.: 10.258 min
Delta R.T.: -0.005 min
Response: 653121
Conc: 237.74 ng/ml



#40 AR-1262-5

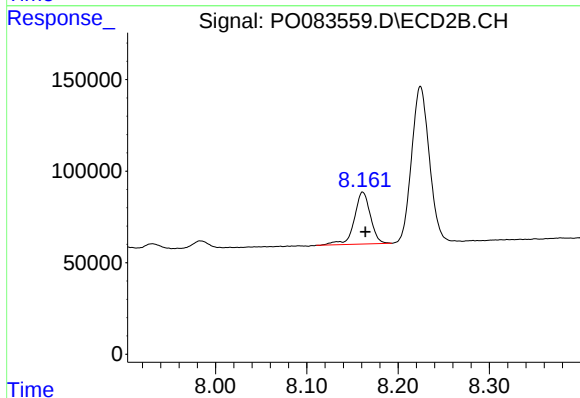
R.T.: 8.725 min
Delta R.T.: -0.004 min
Response: 326366
Conc: 209.65 ng/ml



#41 AR-1268-1

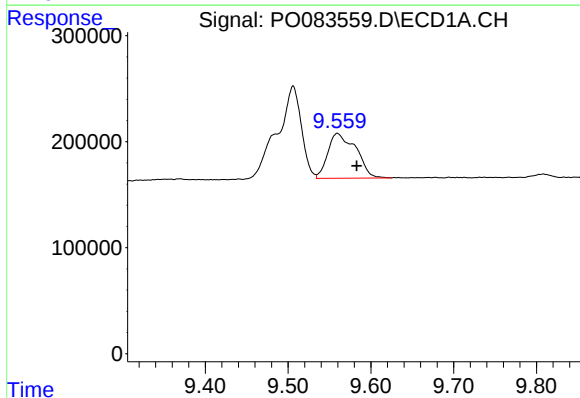
R.T.: 9.506 min
Delta R.T.: 0.022 min
Response: 1764849
Conc: 200.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



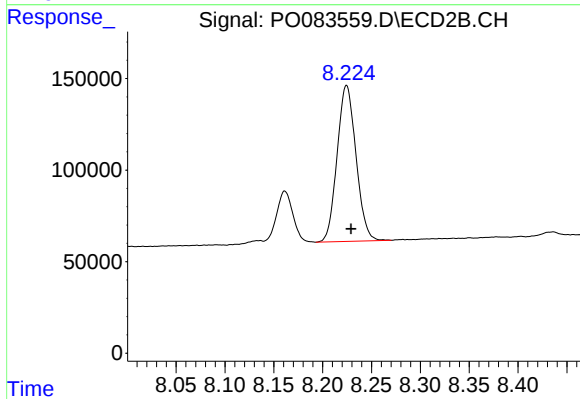
#41 AR-1268-1

R.T.: 8.161 min
Delta R.T.: -0.003 min
Response: 347868
Conc: 62.18 ng/ml



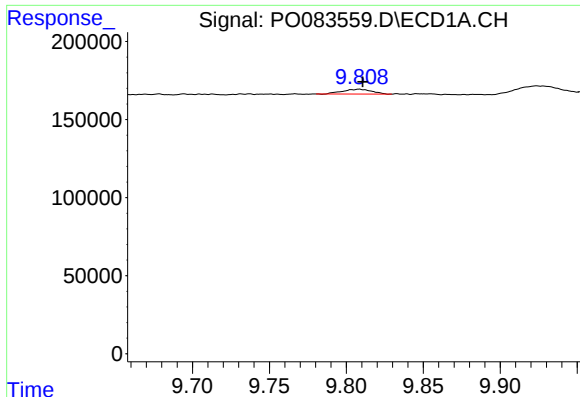
#42 AR-1268-2

R.T.: 9.560 min
Delta R.T.: -0.023 min
Response: 994940
Conc: 120.44 ng/ml



#42 AR-1268-2

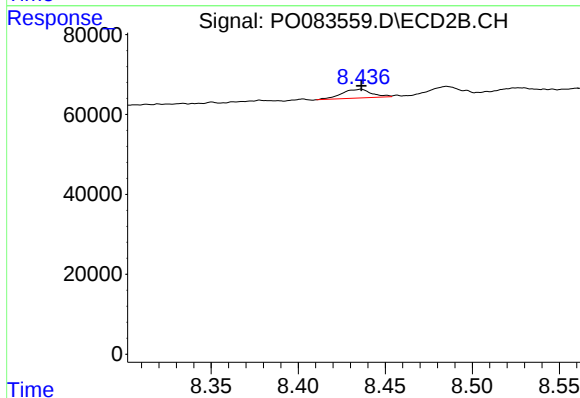
R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 1147539
Conc: 235.06 ng/ml



#43 AR-1268-3

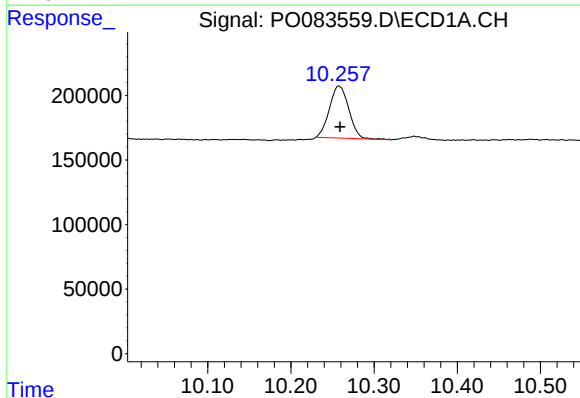
R.T.: 9.808 min
Delta R.T.: -0.002 min
Response: 39952
Conc: 5.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



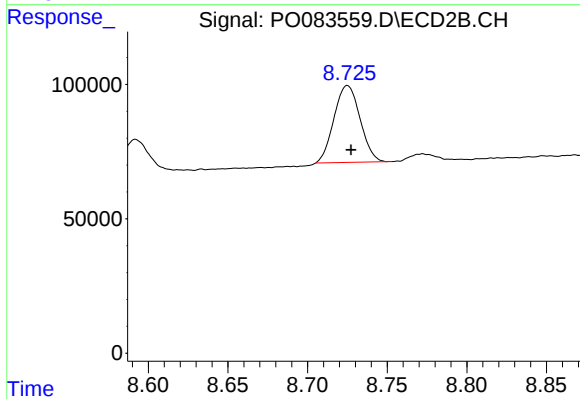
#43 AR-1268-3

R.T.: 8.436 min
Delta R.T.: 0.000 min
Response: 26221
Conc: 6.23 ng/ml



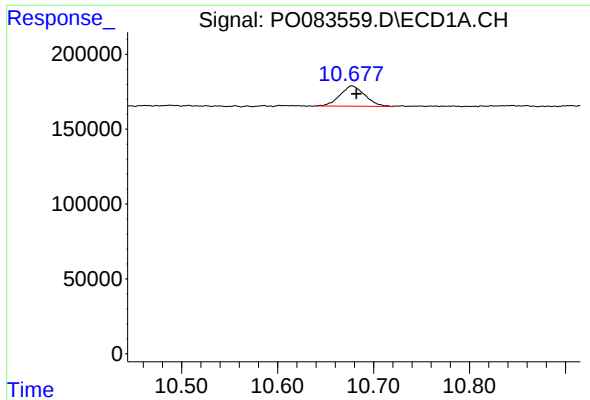
#44 AR-1268-4

R.T.: 10.258 min
Delta R.T.: -0.001 min
Response: 653121
Conc: 222.14 ng/ml



#44 AR-1268-4

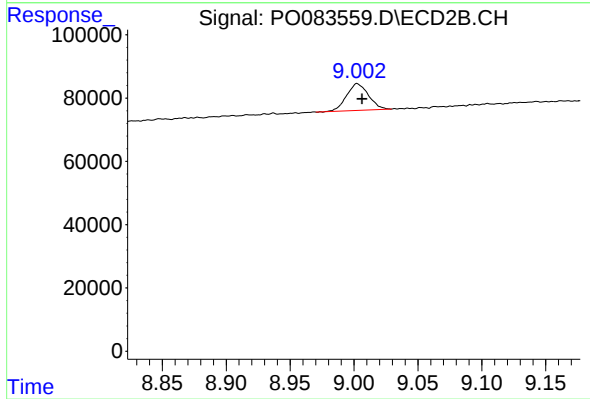
R.T.: 8.725 min
Delta R.T.: -0.002 min
Response: 326366
Conc: 189.24 ng/ml



#45 AR-1268-5

R.T.: 10.677 min
Delta R.T.: -0.005 min
Response: 242780
Conc: 10.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.003 min
Delta R.T.: -0.004 min
Response: 100912
Conc: 8.24 ng/ml