

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100318\
 Data File : PO049578.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2018 12:02
 Operator : SM/SJ
 Sample : PB113327BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:03:44 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 02 05:32:25 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...	4.384	3.515	6634560	5473697	18.788	16.093
2)	SA Decachlor...	10.092	8.443	6937394	4881094	14.640	15.976
Target Compounds							
3)	L1 AR-1016-1	5.557	4.582	2655020	2242087	185.824	167.124
4)	L1 AR-1016-2	5.579	4.601	3697813	3014129	184.513	166.186
5)	L1 AR-1016-3	5.641	4.773	2338112	1691884	188.070	156.659
6)	L1 AR-1016-4	5.741	4.815	2004748	1266830	197.762	160.278
7)	L1 AR-1016-5	6.033	5.025	1868873	1618557	193.395	149.743
8)	L2 AR-1221-1	0.000	3.725	0	169078	N.D.	47.119 #
9)	L2 AR-1221-2	4.682	3.810	300673	260596	105.989	97.500
10)	L2 AR-1221-3	4.759	3.884	1155573	968945	125.897	117.511
11)	L3 AR-1232-1	4.759	3.884	1155573	968945	174.712	154.699
12)	L3 AR-1232-2	5.289	4.601	1641034	3014129	474.596	409.718
13)	L3 AR-1232-3	5.579	4.773	3697813	1691884	474.294	408.933
14)	L3 AR-1232-4	5.741	4.857	2004748	1556397	518.461	451.818
15)	L3 AR-1232-5	5.830	5.025	1607596	1618557	615.358	404.479 #
16)	L4 AR-1242-1	5.557	4.582	2655020	2242087	253.087	219.266
17)	L4 AR-1242-2	5.579	4.601	3697813	3014129	252.745	215.526
18)	L4 AR-1242-3	5.641	4.773	2338112	1691884	263.750	213.903
19)	L4 AR-1242-4	5.741	4.857	2004748	1556397	271.059	212.727
20)	L4 AR-1242-5	6.476	5.373	402338	1325875	44.426	137.052 #
21)	L5 AR-1248-1	5.557	4.582	2655020	2242087	311.523	271.221
22)	L5 AR-1248-2	5.830	4.815	1607596	1266830	147.123	121.552
23)	L5 AR-1248-3	6.033	4.857	1868873	1556397	146.024	144.694
24)	L5 AR-1248-4	6.411	5.025	2600565	1618557	160.034	120.321
25)	L5 AR-1248-5	6.476	5.413	402338	266410	26.056	18.982 #
26)	L6 AR-1254-1	6.411	5.373	2600565	1325875	147.143	57.262 #
27)	L6 AR-1254-2	6.629	5.519	1605995	1214118	57.788	61.468
28)	L6 AR-1254-3	6.998	5.932	1063242	2400104	34.472	73.253 #
29)	L6 AR-1254-4	7.282	6.144	1003648	328623	39.827	14.430 #
30)	L6 AR-1254-5	7.701	6.557	5334035	4768280	218.030	158.864 #
31)	L7 AR-1260-1	7.160	6.046	3927275	3267975	185.678	159.197
32)	L7 AR-1260-2	7.417	6.233	4731862	4511913	175.864	169.477
33)	L7 AR-1260-3	7.775	6.385	3117989	3901675	157.817	164.618
34)	L7 AR-1260-4	8.001	6.852	3144301	2686632	159.864	148.932
35)	L7 AR-1260-5	8.318	7.093	6600368	6847974	147.035	146.560
36)	L8 AR-1262-1	7.775	6.596	3117989	3330017	108.213	115.296
37)	L8 AR-1262-2	8.318	7.093	6600368	6847974	134.029	137.303
38)	L8 AR-1262-3	8.640	7.374	3807774	1640211	113.804	82.886 #
39)	L8 AR-1262-4	8.713	7.437	867836	4683088	32.140	132.911 #
40)	L8 AR-1262-5	9.361	7.928	1565108	1432954	79.187	90.459
41)	L9 AR-1268-1	8.640	7.374	3807774	1640211	54.892	25.840 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100318\
Data File : PO049578.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Oct 2018 12:02
Operator : SM/SJ
Sample : PB113327BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

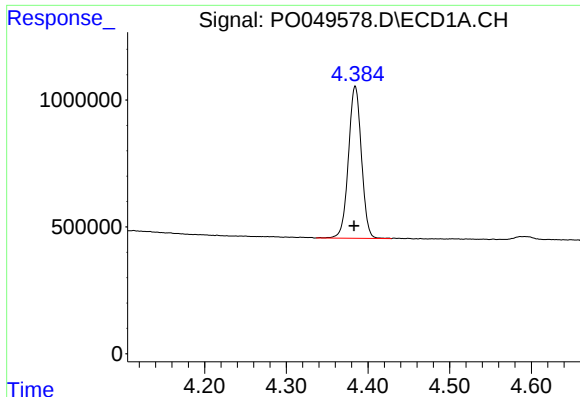
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:03:44 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100118.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 02 05:32:25 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
42)	L9 AR-1268-2	8.713	7.437	867836	4683088	13.276	81.242 #
44)	L9 AR-1268-4	9.361	7.928	1565108	1432954	63.209	71.979
45)	L9 AR-1268-5	9.764	8.204	559399	466139	3.074	3.678

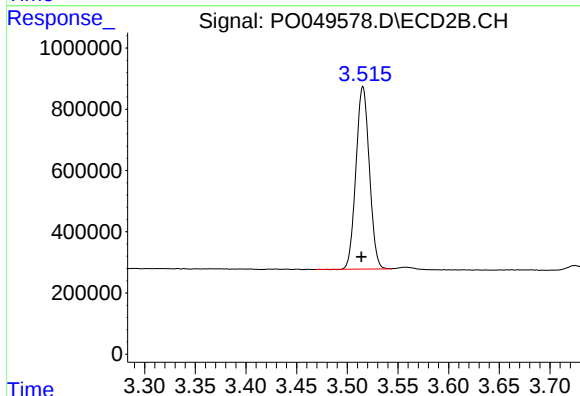
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

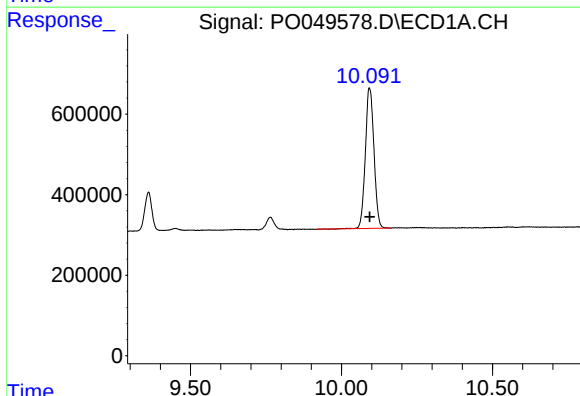
R.T.: 4.384 min
Delta R.T.: 0.001 min
Response: 6634560
Conc: 18.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



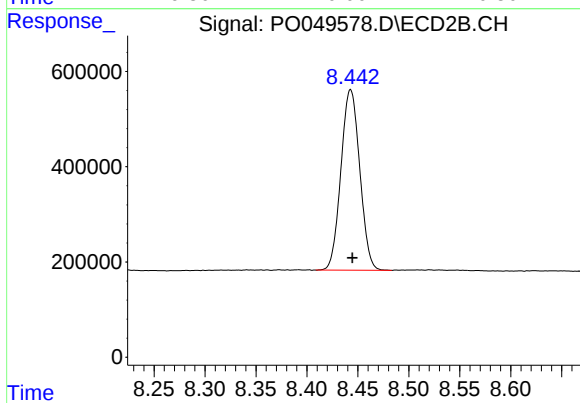
#1 Tetrachloro-m-xylene

R.T.: 3.515 min
Delta R.T.: 0.001 min
Response: 5473697
Conc: 16.09 ng/ml



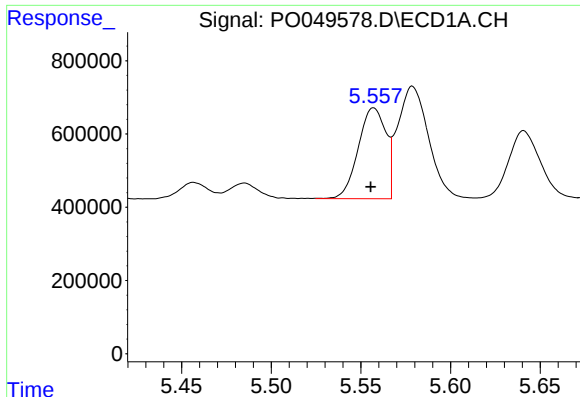
#2 Decachlorobiphenyl

R.T.: 10.092 min
Delta R.T.: -0.002 min
Response: 6937394
Conc: 14.64 ng/ml



#2 Decachlorobiphenyl

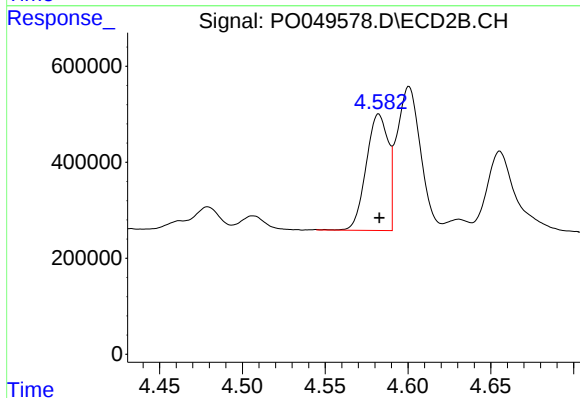
R.T.: 8.443 min
Delta R.T.: -0.002 min
Response: 4881094
Conc: 15.98 ng/ml



#3 AR-1016-1

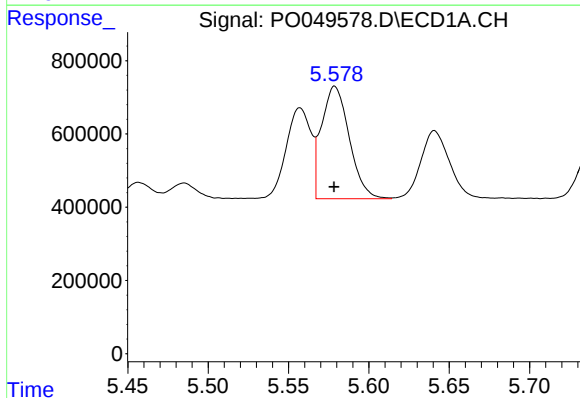
R.T.: 5.557 min
Delta R.T.: 0.002 min
Response: 2655020
Conc: 185.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



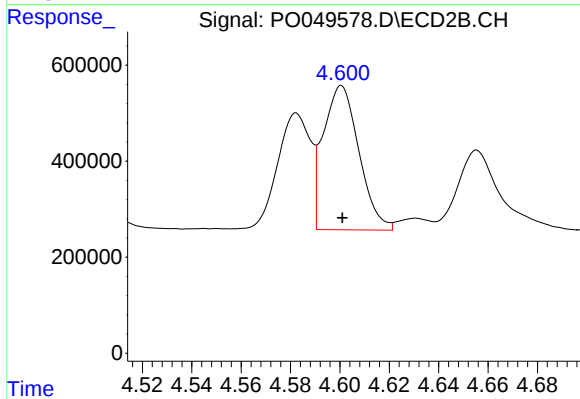
#3 AR-1016-1

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 2242087
Conc: 167.12 ng/ml



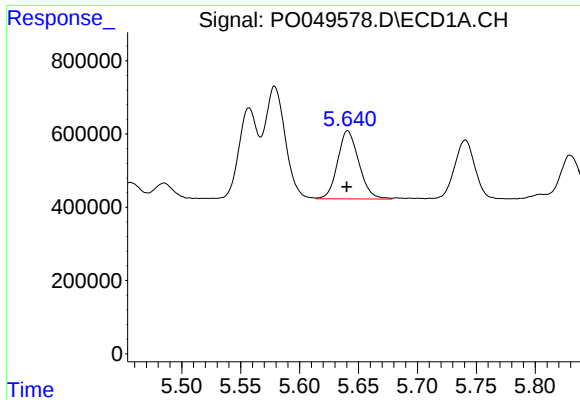
#4 AR-1016-2

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 3697813
Conc: 184.51 ng/ml



#4 AR-1016-2

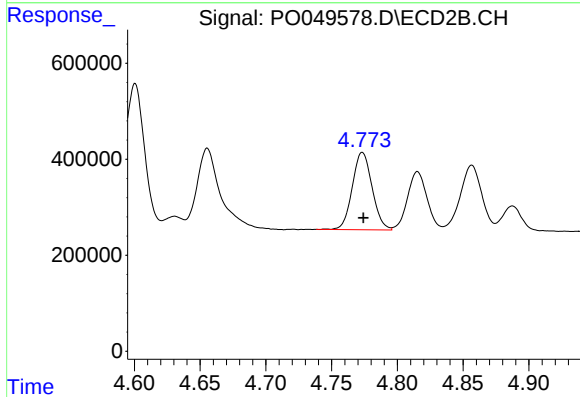
R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 3014129
Conc: 166.19 ng/ml



#5 AR-1016-3

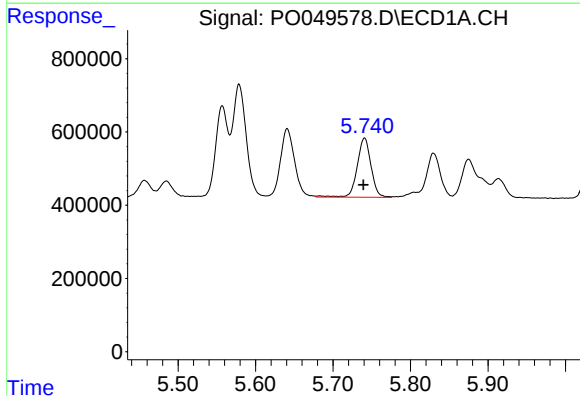
R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 2338112
Conc: 188.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



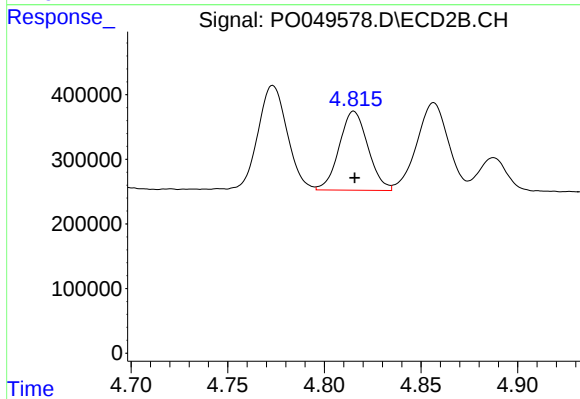
#5 AR-1016-3

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 1691884
Conc: 156.66 ng/ml



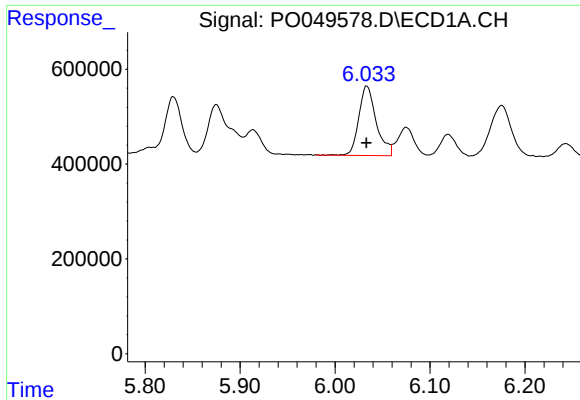
#6 AR-1016-4

R.T.: 5.741 min
Delta R.T.: 0.002 min
Response: 2004748
Conc: 197.76 ng/ml



#6 AR-1016-4

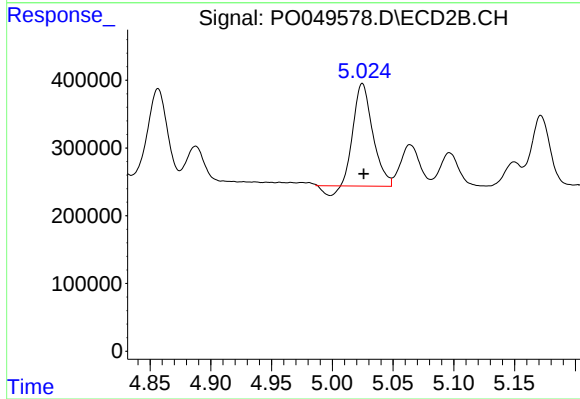
R.T.: 4.815 min
Delta R.T.: 0.000 min
Response: 1266830
Conc: 160.28 ng/ml



#7 AR-1016-5

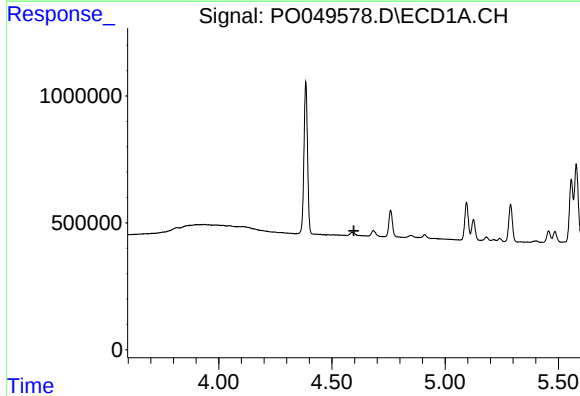
R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 1868873
Conc: 193.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



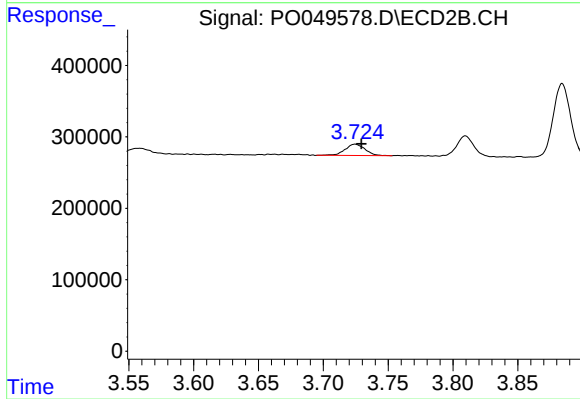
#7 AR-1016-5

R.T.: 5.025 min
Delta R.T.: -0.001 min
Response: 1618557
Conc: 149.74 ng/ml



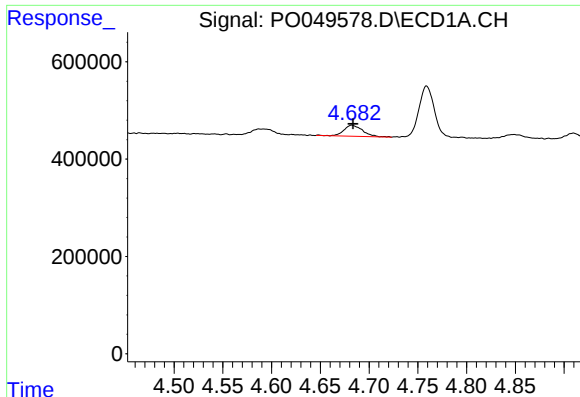
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.597 min
Response: 0
Conc: N.D.



#8 AR-1221-1

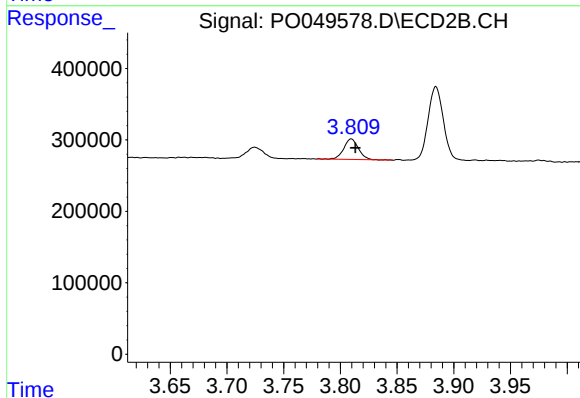
R.T.: 3.725 min
Delta R.T.: -0.005 min
Response: 169078
Conc: 47.12 ng/ml



#9 AR-1221-2

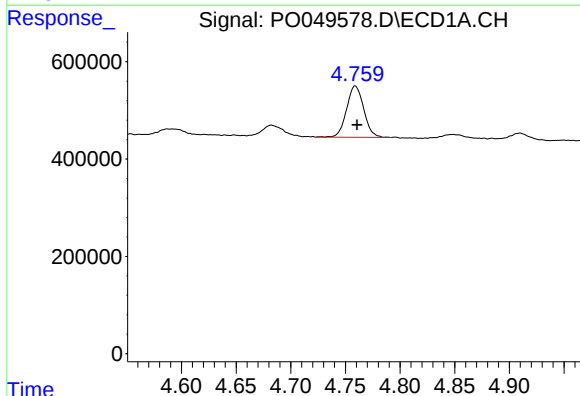
R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 300673
Conc: 105.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



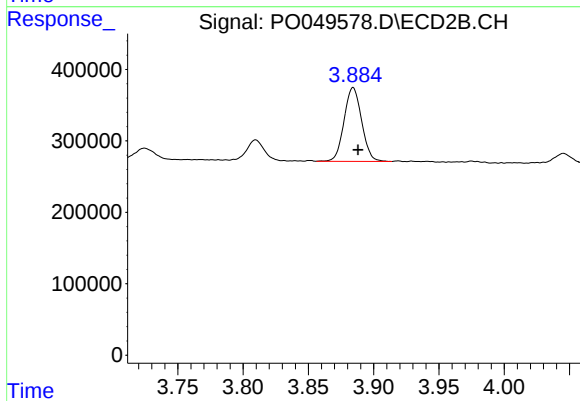
#9 AR-1221-2

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 260596
Conc: 97.50 ng/ml



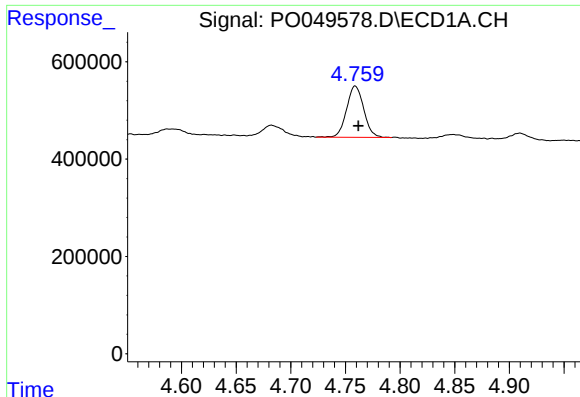
#10 AR-1221-3

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 1155573
Conc: 125.90 ng/ml



#10 AR-1221-3

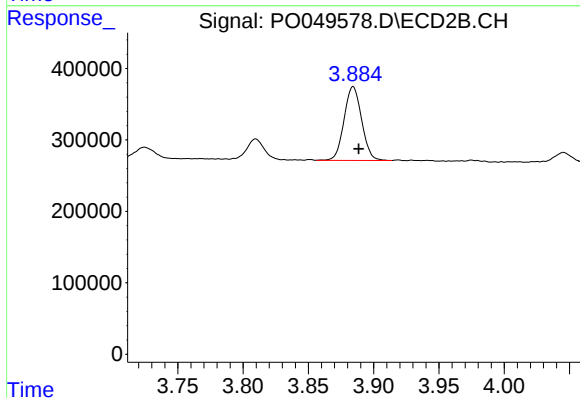
R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 968945
Conc: 117.51 ng/ml



#11 AR-1232-1

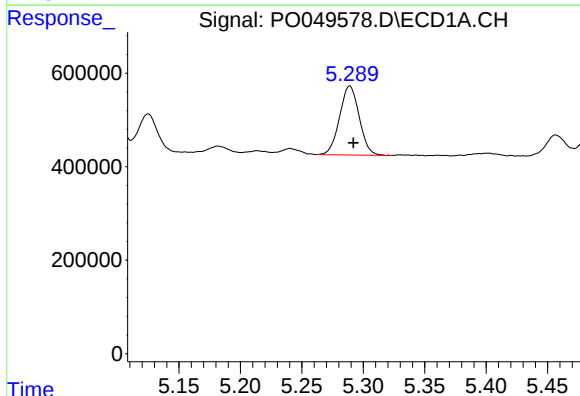
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 1155573
Conc: 174.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



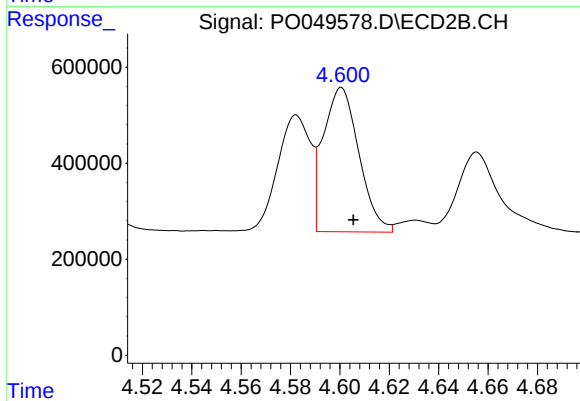
#11 AR-1232-1

R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 968945
Conc: 154.70 ng/ml



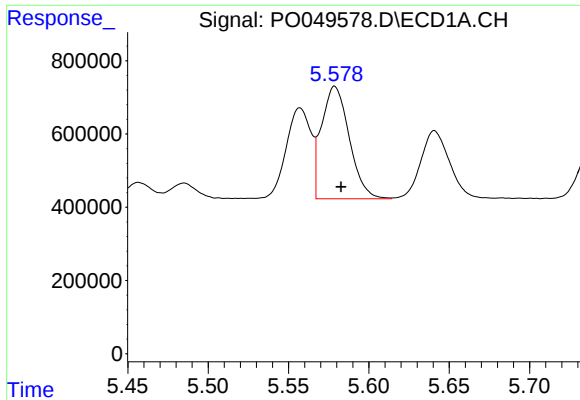
#12 AR-1232-2

R.T.: 5.289 min
Delta R.T.: -0.003 min
Response: 1641034
Conc: 474.60 ng/ml



#12 AR-1232-2

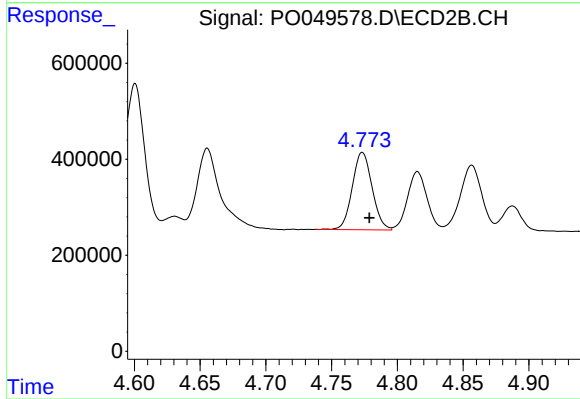
R.T.: 4.601 min
Delta R.T.: -0.005 min
Response: 3014129
Conc: 409.72 ng/ml



#13 AR-1232-3

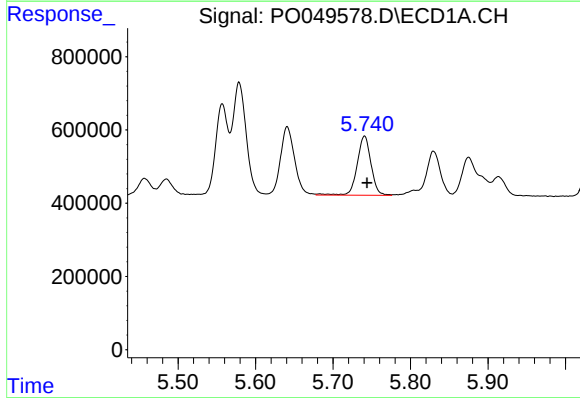
R.T.: 5.579 min
Delta R.T.: -0.004 min
Response: 3697813
Conc: 474.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



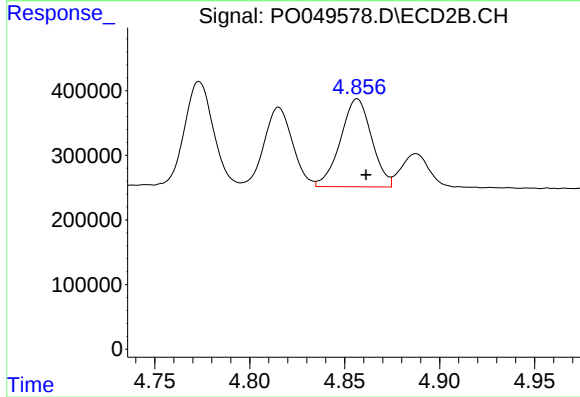
#13 AR-1232-3

R.T.: 4.773 min
Delta R.T.: -0.005 min
Response: 1691884
Conc: 408.93 ng/ml



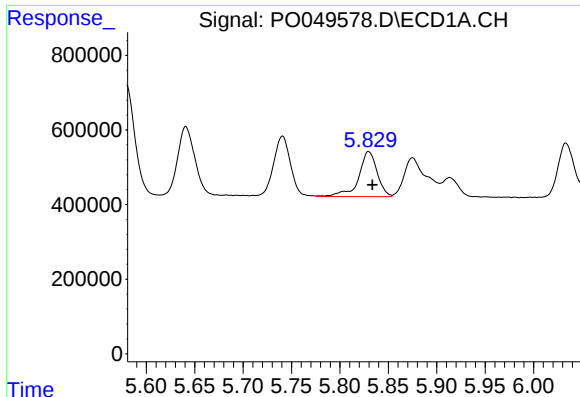
#14 AR-1232-4

R.T.: 5.741 min
Delta R.T.: -0.003 min
Response: 2004748
Conc: 518.46 ng/ml



#14 AR-1232-4

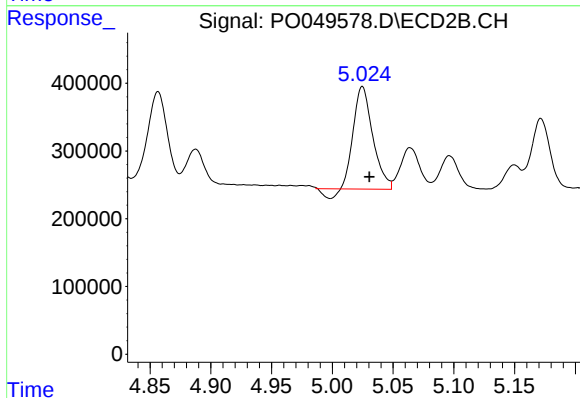
R.T.: 4.857 min
Delta R.T.: -0.005 min
Response: 1556397
Conc: 451.82 ng/ml



#15 AR-1232-5

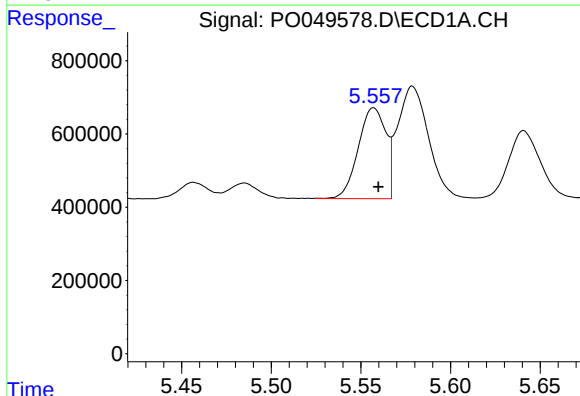
R.T.: 5.830 min
Delta R.T.: -0.004 min
Response: 1607596
Conc: 615.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



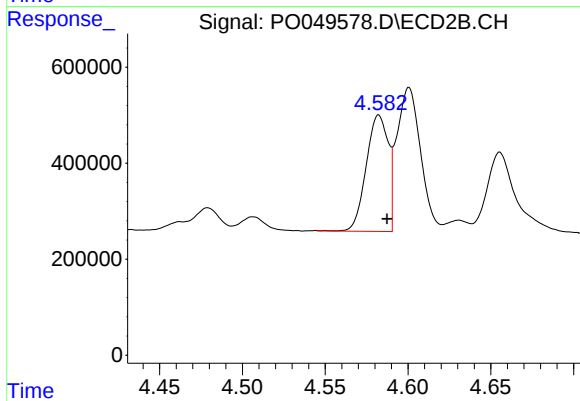
#15 AR-1232-5

R.T.: 5.025 min
Delta R.T.: -0.006 min
Response: 1618557
Conc: 404.48 ng/ml



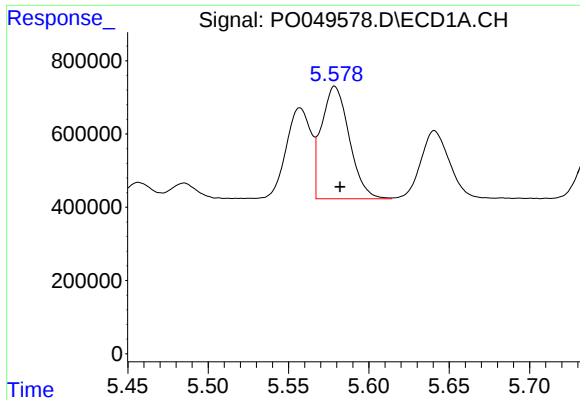
#16 AR-1242-1

R.T.: 5.557 min
Delta R.T.: -0.003 min
Response: 2655020
Conc: 253.09 ng/ml



#16 AR-1242-1

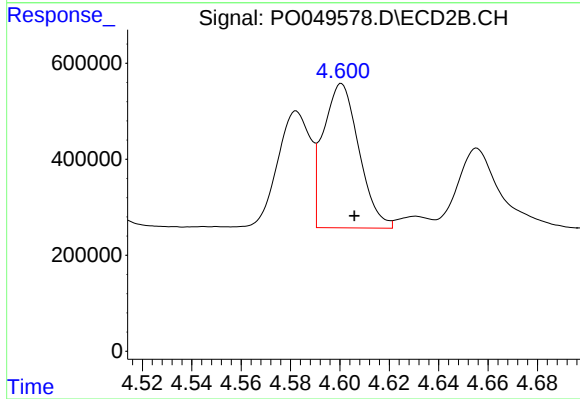
R.T.: 4.582 min
Delta R.T.: -0.005 min
Response: 2242087
Conc: 219.27 ng/ml



#17 AR-1242-2

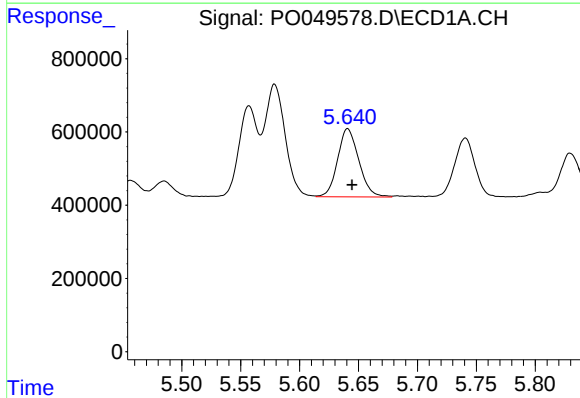
R.T.: 5.579 min
Delta R.T.: -0.003 min
Response: 3697813
Conc: 252.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



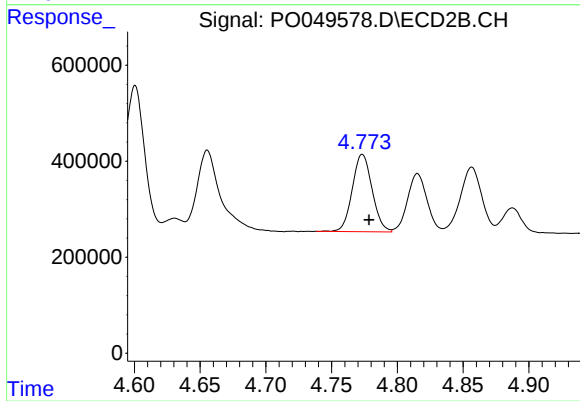
#17 AR-1242-2

R.T.: 4.601 min
Delta R.T.: -0.005 min
Response: 3014129
Conc: 215.53 ng/ml



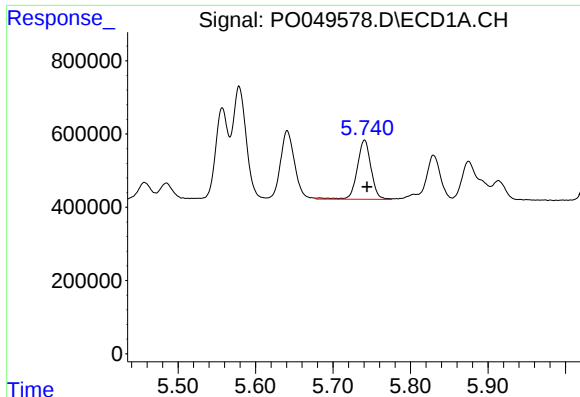
#18 AR-1242-3

R.T.: 5.641 min
Delta R.T.: -0.004 min
Response: 2338112
Conc: 263.75 ng/ml



#18 AR-1242-3

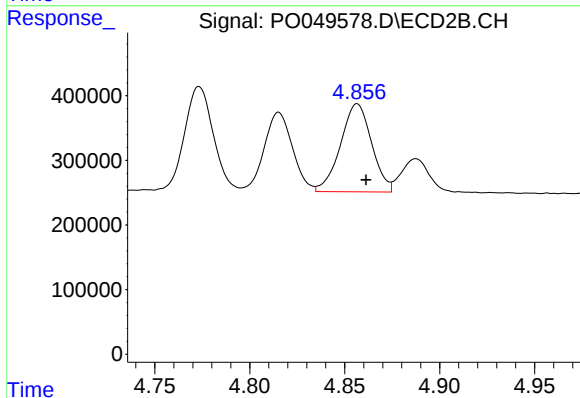
R.T.: 4.773 min
Delta R.T.: -0.005 min
Response: 1691884
Conc: 213.90 ng/ml



#19 AR-1242-4

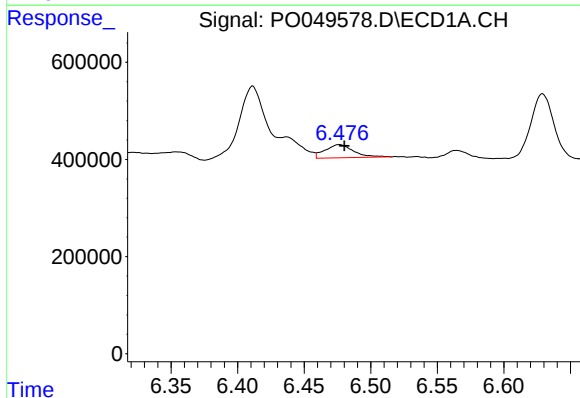
R.T.: 5.741 min
Delta R.T.: -0.003 min
Response: 2004748
Conc: 271.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



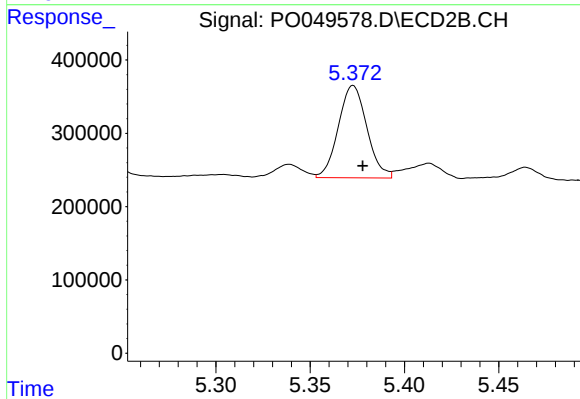
#19 AR-1242-4

R.T.: 4.857 min
Delta R.T.: -0.005 min
Response: 1556397
Conc: 212.73 ng/ml



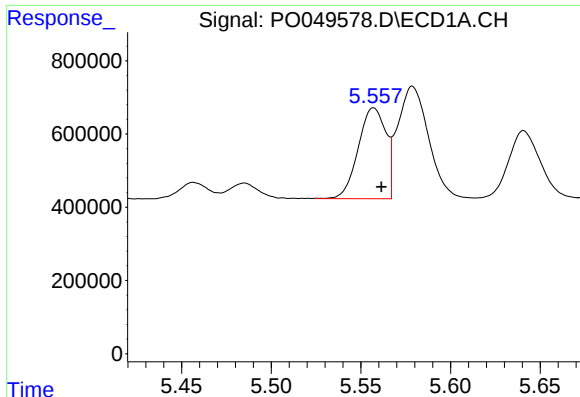
#20 AR-1242-5

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 402338
Conc: 44.43 ng/ml



#20 AR-1242-5

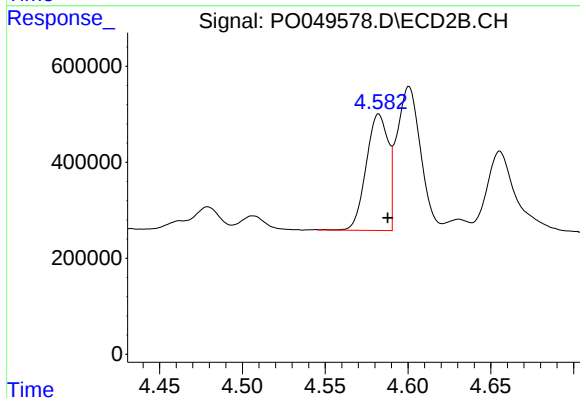
R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 1325875
Conc: 137.05 ng/ml



#21 AR-1248-1

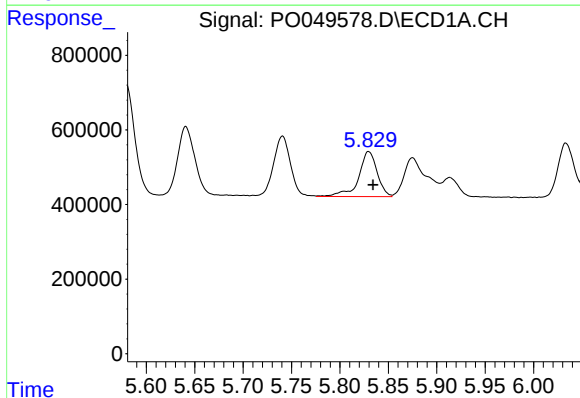
R.T.: 5.557 min
Delta R.T.: -0.004 min
Response: 2655020
Conc: 311.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



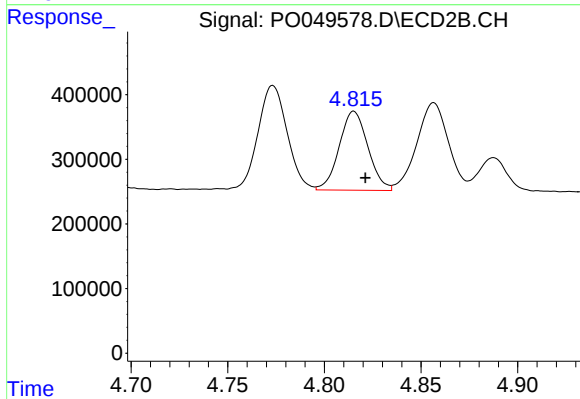
#21 AR-1248-1

R.T.: 4.582 min
Delta R.T.: -0.005 min
Response: 2242087
Conc: 271.22 ng/ml



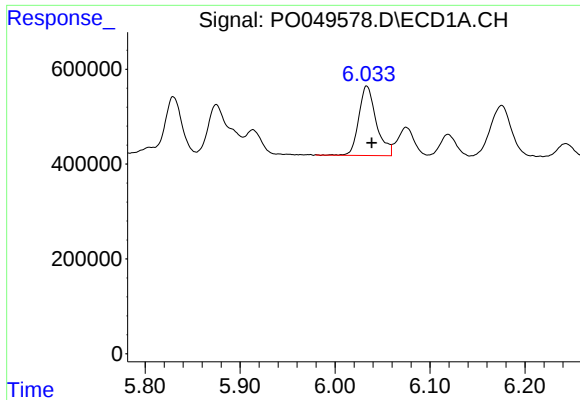
#22 AR-1248-2

R.T.: 5.830 min
Delta R.T.: -0.005 min
Response: 1607596
Conc: 147.12 ng/ml



#22 AR-1248-2

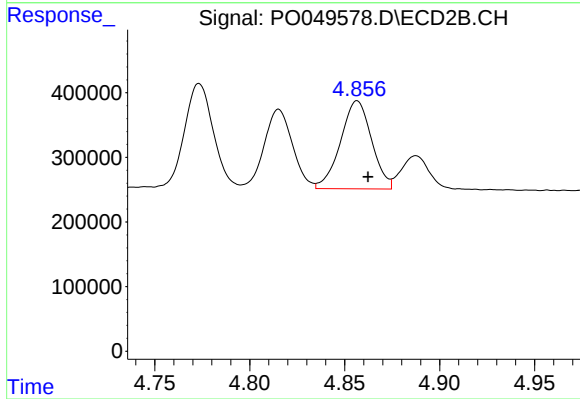
R.T.: 4.815 min
Delta R.T.: -0.006 min
Response: 1266830
Conc: 121.55 ng/ml



#23 AR-1248-3

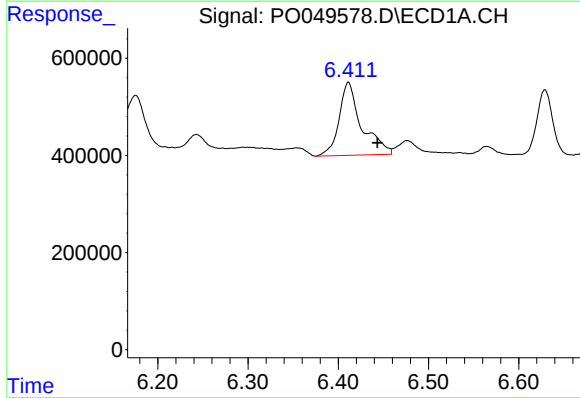
R.T.: 6.033 min
Delta R.T.: -0.005 min
Response: 1868873
Conc: 146.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



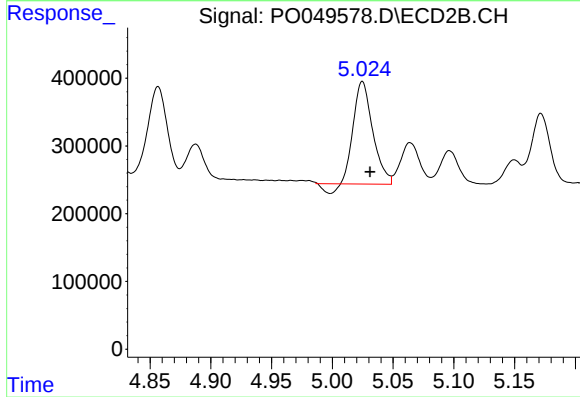
#23 AR-1248-3

R.T.: 4.857 min
Delta R.T.: -0.006 min
Response: 1556397
Conc: 144.69 ng/ml



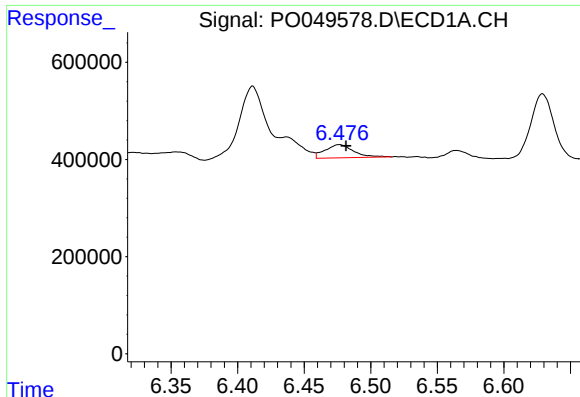
#24 AR-1248-4

R.T.: 6.411 min
Delta R.T.: -0.032 min
Response: 2600565
Conc: 160.03 ng/ml



#24 AR-1248-4

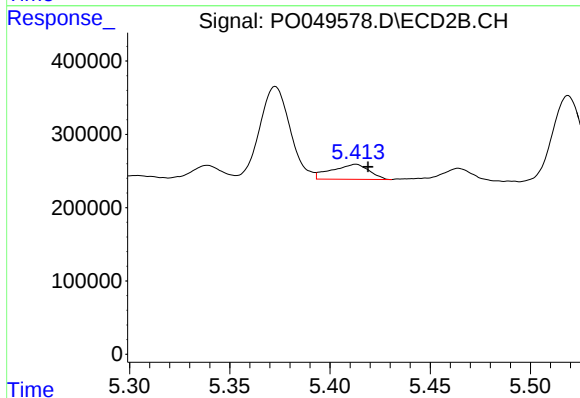
R.T.: 5.025 min
Delta R.T.: -0.006 min
Response: 1618557
Conc: 120.32 ng/ml



#25 AR-1248-5

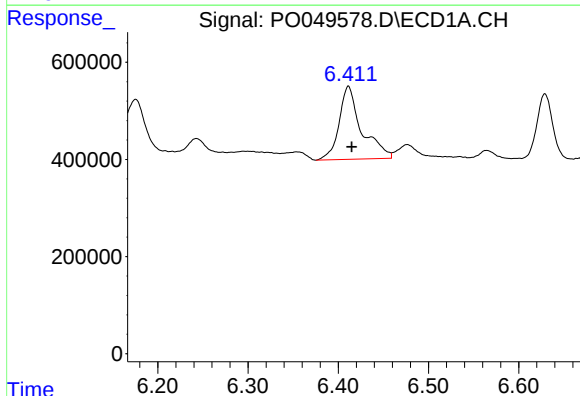
R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 402338
Conc: 26.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



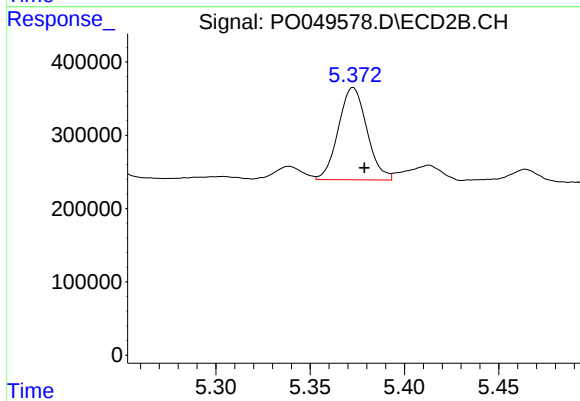
#25 AR-1248-5

R.T.: 5.413 min
Delta R.T.: -0.006 min
Response: 266410
Conc: 18.98 ng/ml



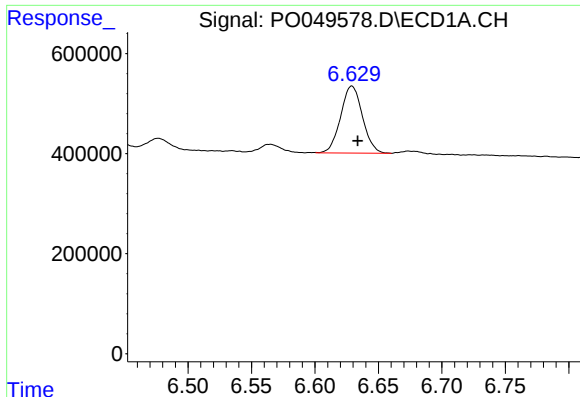
#26 AR-1254-1

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 2600565
Conc: 147.14 ng/ml



#26 AR-1254-1

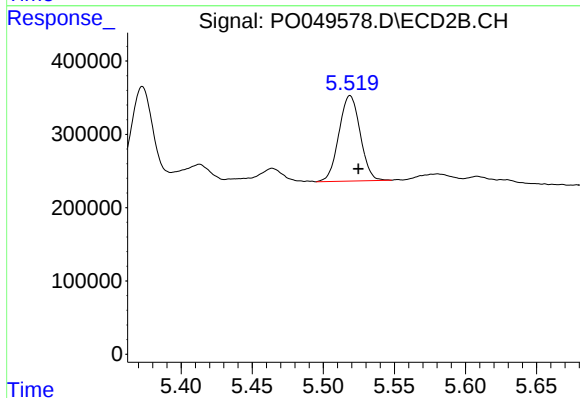
R.T.: 5.373 min
Delta R.T.: -0.006 min
Response: 1325875
Conc: 57.26 ng/ml



#27 AR-1254-2

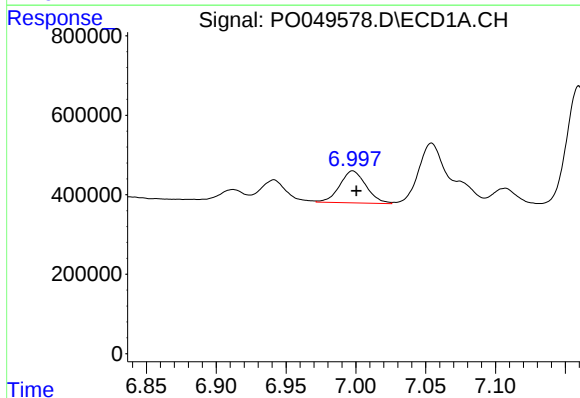
R.T.: 6.629 min
Delta R.T.: -0.005 min
Response: 1605995
Conc: 57.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



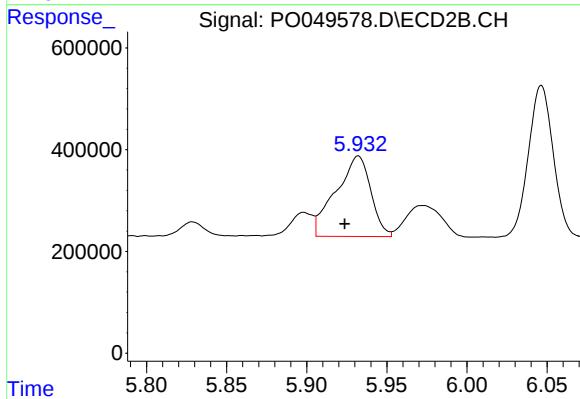
#27 AR-1254-2

R.T.: 5.519 min
Delta R.T.: -0.006 min
Response: 1214118
Conc: 61.47 ng/ml



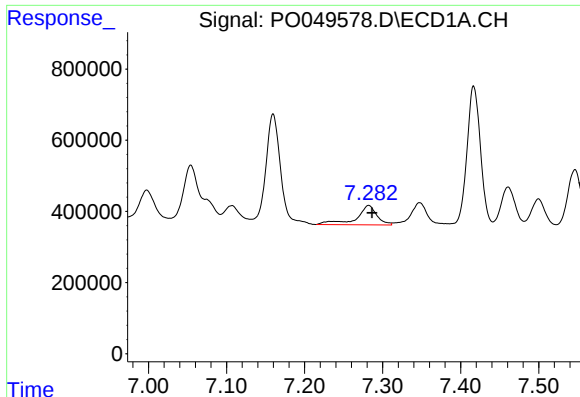
#28 AR-1254-3

R.T.: 6.998 min
Delta R.T.: -0.002 min
Response: 1063242
Conc: 34.47 ng/ml



#28 AR-1254-3

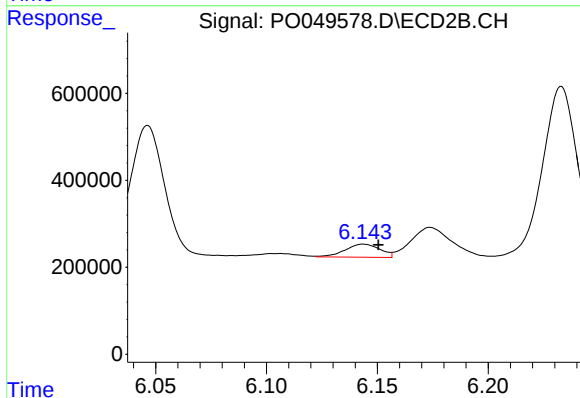
R.T.: 5.932 min
Delta R.T.: 0.008 min
Response: 2400104
Conc: 73.25 ng/ml



#29 AR-1254-4

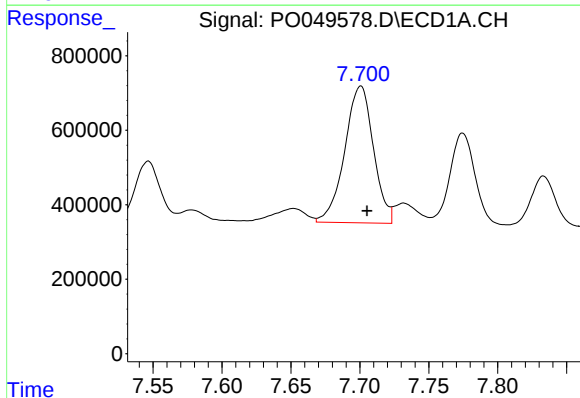
R.T.: 7.282 min
Delta R.T.: -0.004 min
Response: 1003648
Conc: 39.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



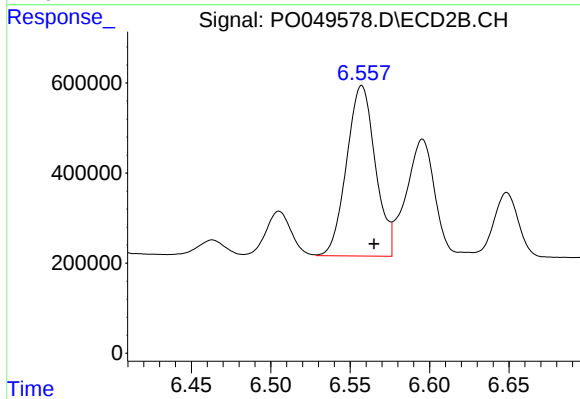
#29 AR-1254-4

R.T.: 6.144 min
Delta R.T.: -0.007 min
Response: 328623
Conc: 14.43 ng/ml



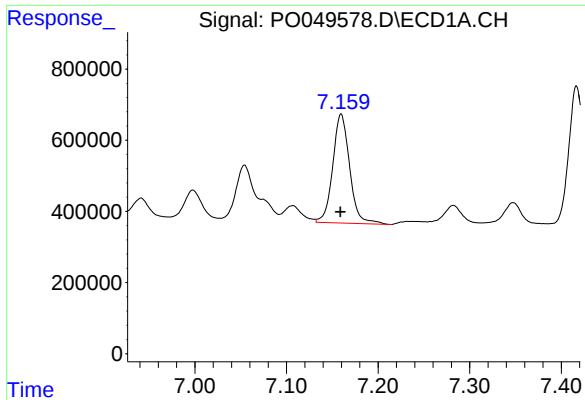
#30 AR-1254-5

R.T.: 7.701 min
Delta R.T.: -0.005 min
Response: 5334035
Conc: 218.03 ng/ml



#30 AR-1254-5

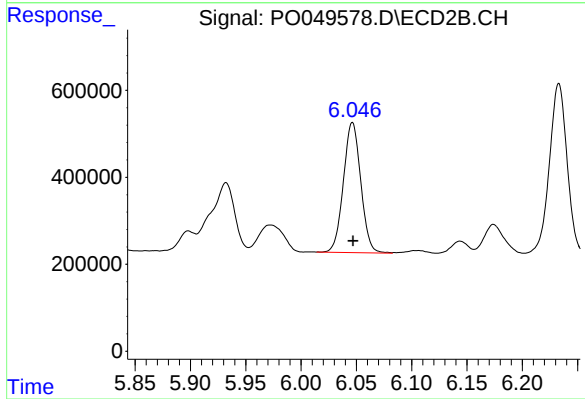
R.T.: 6.557 min
Delta R.T.: -0.008 min
Response: 4768280
Conc: 158.86 ng/ml



#31 AR-1260-1

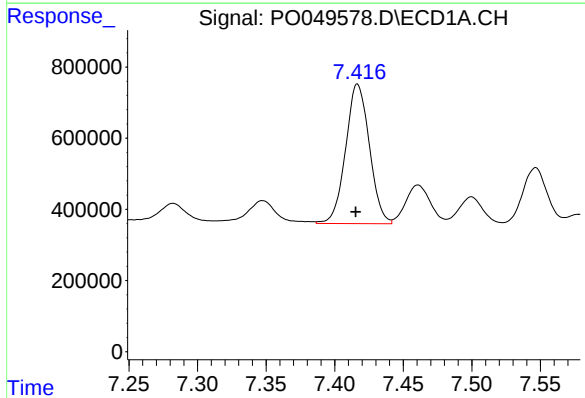
R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 3927275
Conc: 185.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



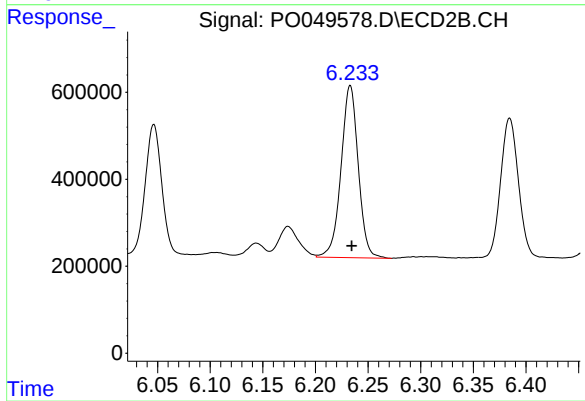
#31 AR-1260-1

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 3267975
Conc: 159.20 ng/ml



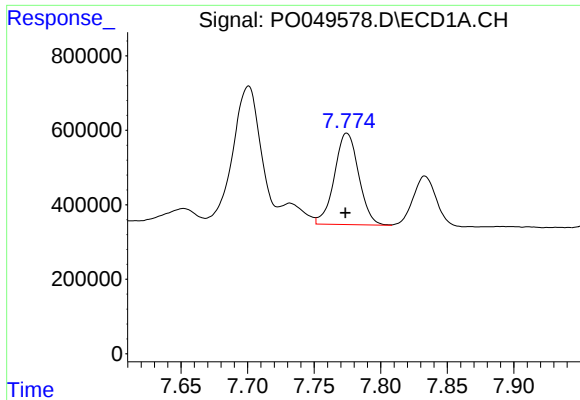
#32 AR-1260-2

R.T.: 7.417 min
Delta R.T.: 0.001 min
Response: 4731862
Conc: 175.86 ng/ml



#32 AR-1260-2

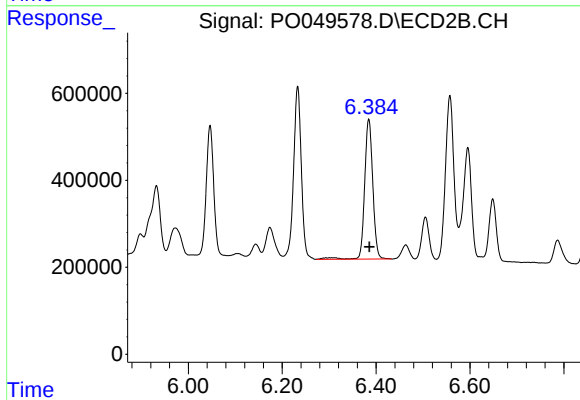
R.T.: 6.233 min
Delta R.T.: -0.001 min
Response: 4511913
Conc: 169.48 ng/ml



#33 AR-1260-3

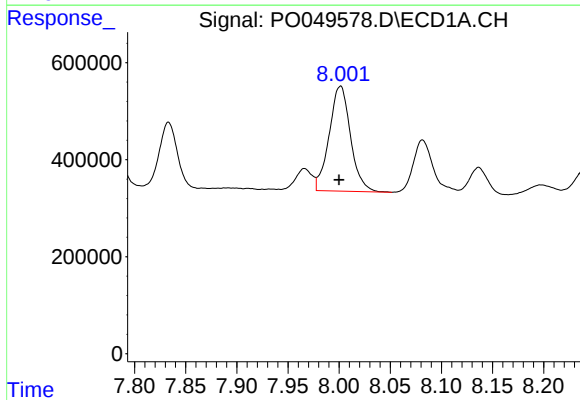
R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 3117989
Conc: 157.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



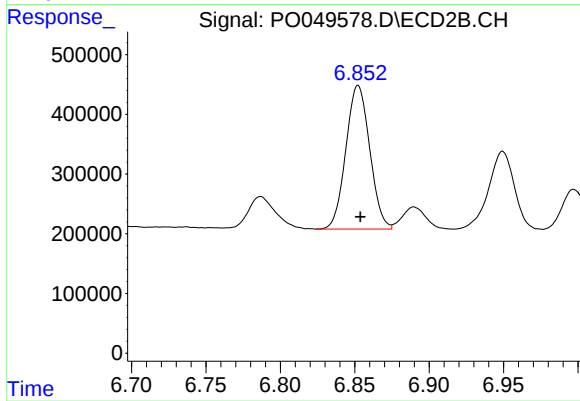
#33 AR-1260-3

R.T.: 6.385 min
Delta R.T.: -0.001 min
Response: 3901675
Conc: 164.62 ng/ml



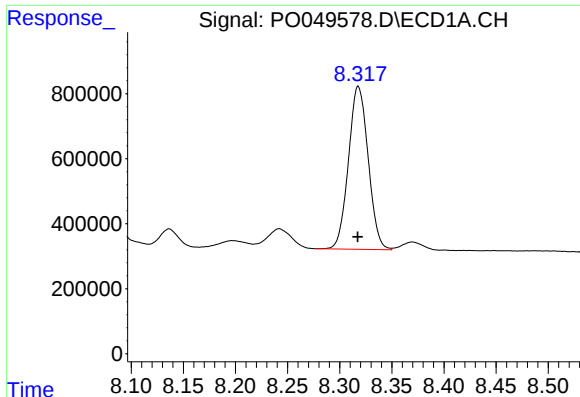
#34 AR-1260-4

R.T.: 8.001 min
Delta R.T.: 0.001 min
Response: 3144301
Conc: 159.86 ng/ml



#34 AR-1260-4

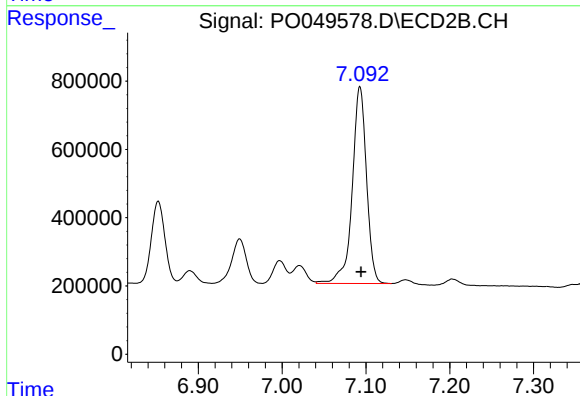
R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 2686632
Conc: 148.93 ng/ml



#35 AR-1260-5

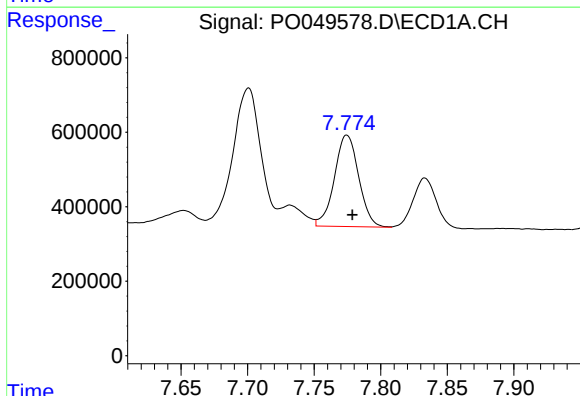
R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 6600368
Conc: 147.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



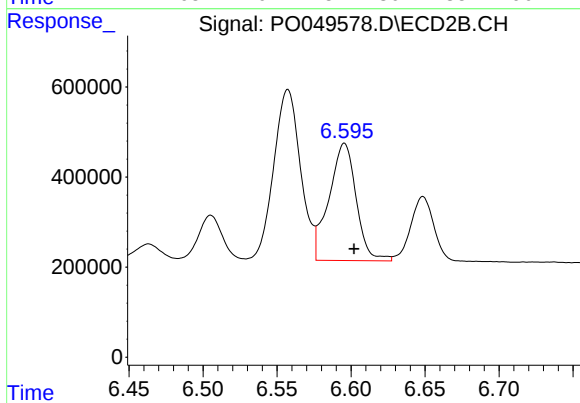
#35 AR-1260-5

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 6847974
Conc: 146.56 ng/ml



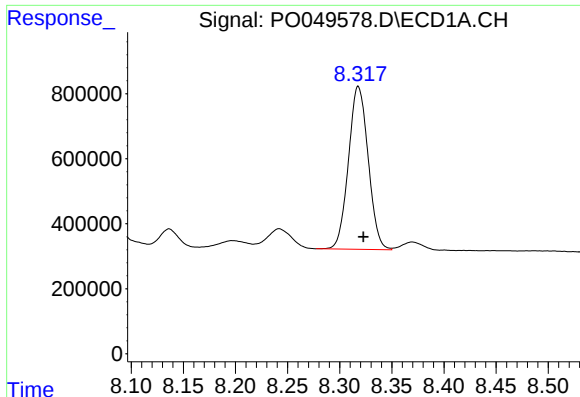
#36 AR-1262-1

R.T.: 7.775 min
Delta R.T.: -0.004 min
Response: 3117989
Conc: 108.21 ng/ml



#36 AR-1262-1

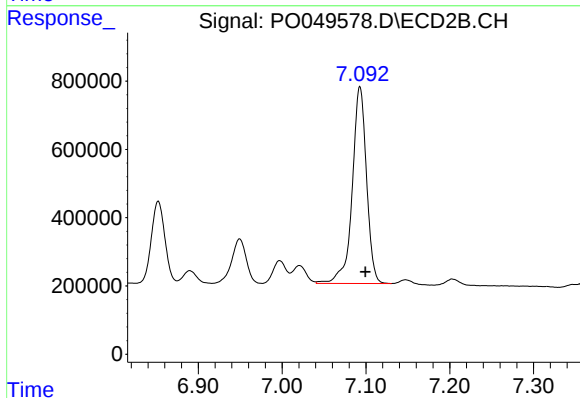
R.T.: 6.596 min
Delta R.T.: -0.007 min
Response: 3330017
Conc: 115.30 ng/ml



#37 AR-1262-2

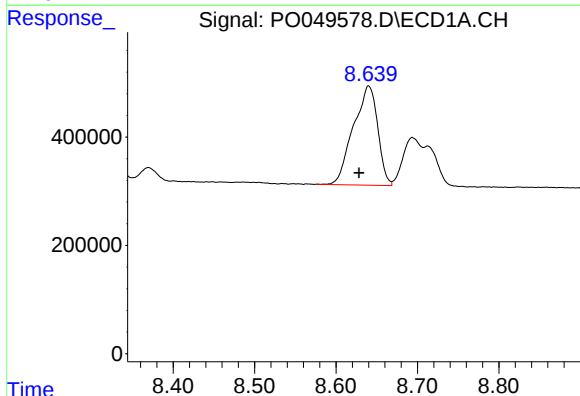
R.T.: 8.318 min
Delta R.T.: -0.005 min
Response: 6600368
Conc: 134.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



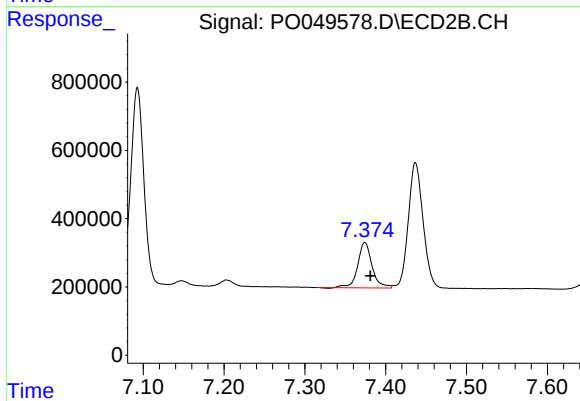
#37 AR-1262-2

R.T.: 7.093 min
Delta R.T.: -0.007 min
Response: 6847974
Conc: 137.30 ng/ml



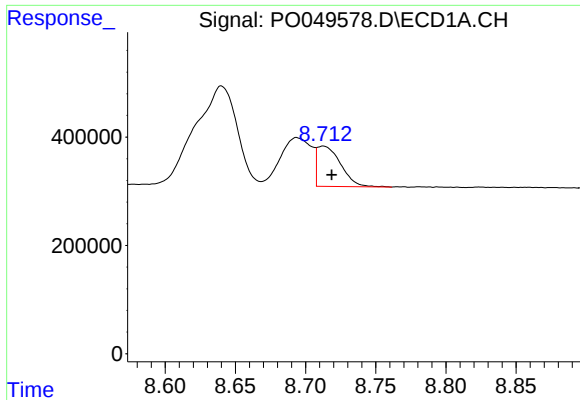
#38 AR-1262-3

R.T.: 8.640 min
Delta R.T.: 0.012 min
Response: 3807774
Conc: 113.80 ng/ml



#38 AR-1262-3

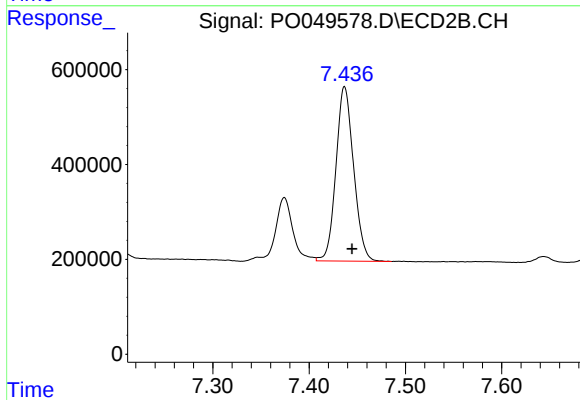
R.T.: 7.374 min
Delta R.T.: -0.007 min
Response: 1640211
Conc: 82.89 ng/ml



#39 AR-1262-4

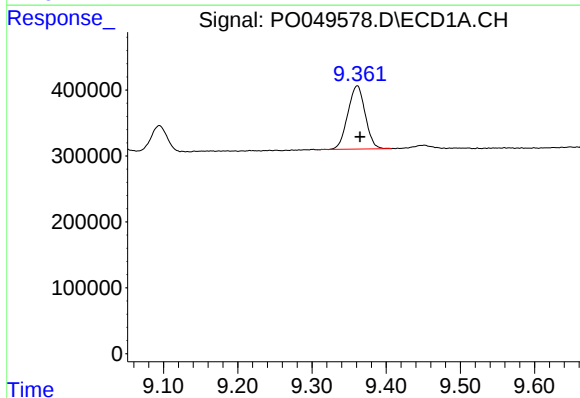
R.T.: 8.713 min
Delta R.T.: -0.006 min
Response: 867836
Conc: 32.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



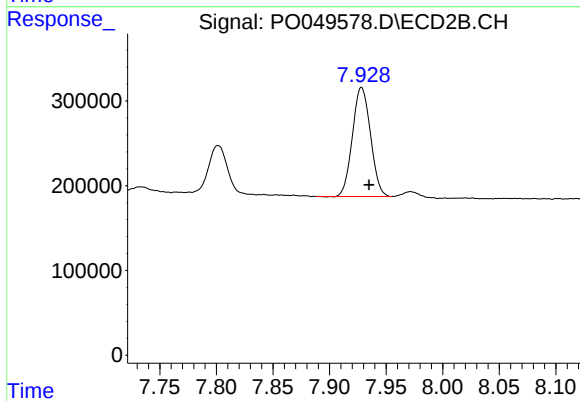
#39 AR-1262-4

R.T.: 7.437 min
Delta R.T.: -0.008 min
Response: 4683088
Conc: 132.91 ng/ml



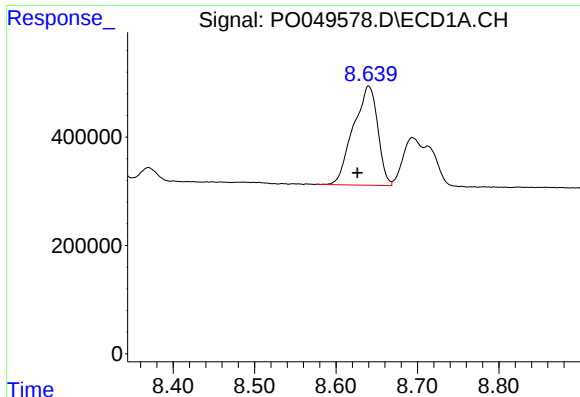
#40 AR-1262-5

R.T.: 9.361 min
Delta R.T.: -0.004 min
Response: 1565108
Conc: 79.19 ng/ml



#40 AR-1262-5

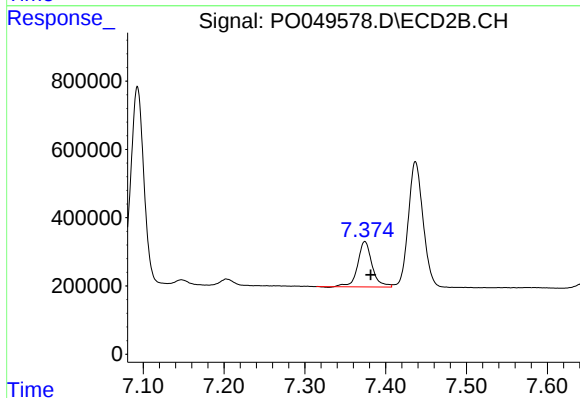
R.T.: 7.928 min
Delta R.T.: -0.007 min
Response: 1432954
Conc: 90.46 ng/ml



#41 AR-1268-1

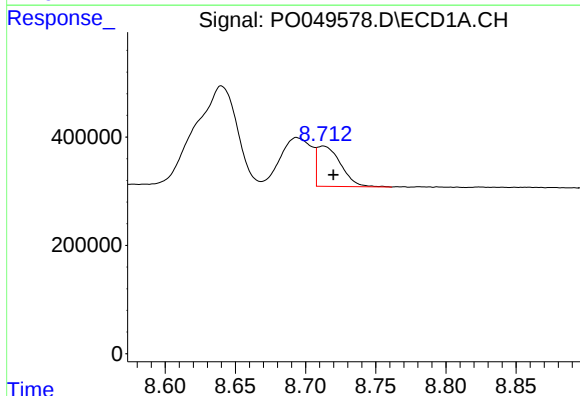
R.T.: 8.640 min
Delta R.T.: 0.014 min
Response: 3807774
Conc: 54.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



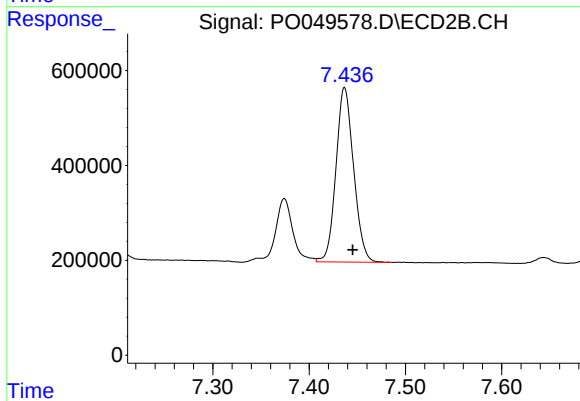
#41 AR-1268-1

R.T.: 7.374 min
Delta R.T.: -0.007 min
Response: 1640211
Conc: 25.84 ng/ml



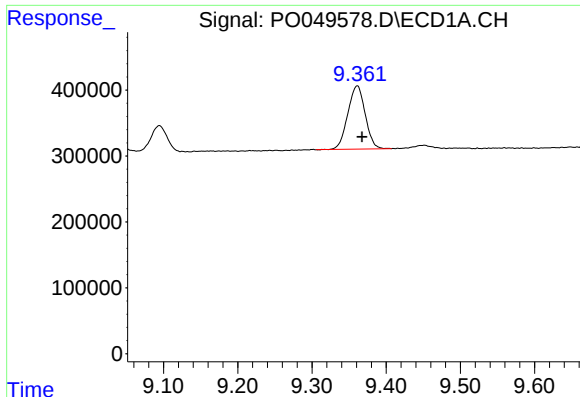
#42 AR-1268-2

R.T.: 8.713 min
Delta R.T.: -0.007 min
Response: 867836
Conc: 13.28 ng/ml



#42 AR-1268-2

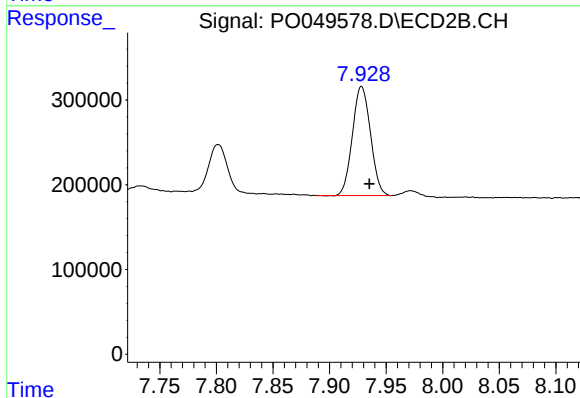
R.T.: 7.437 min
Delta R.T.: -0.008 min
Response: 4683088
Conc: 81.24 ng/ml



#44 AR-1268-4

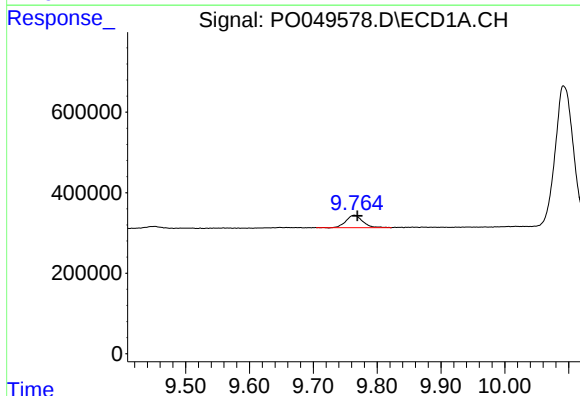
R.T.: 9.361 min
Delta R.T.: -0.006 min
Response: 1565108
Conc: 63.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



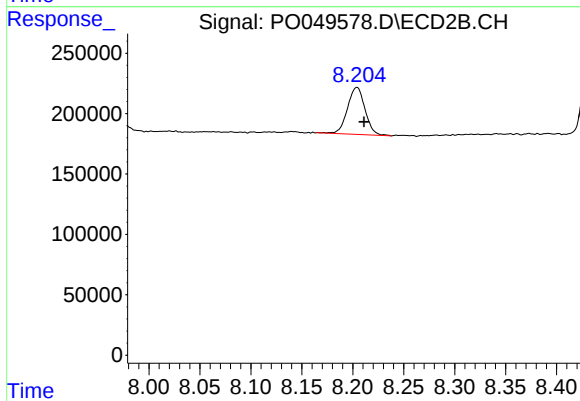
#44 AR-1268-4

R.T.: 7.928 min
Delta R.T.: -0.007 min
Response: 1432954
Conc: 71.98 ng/ml



#45 AR-1268-5

R.T.: 9.764 min
Delta R.T.: -0.004 min
Response: 559399
Conc: 3.07 ng/ml



#45 AR-1268-5

R.T.: 8.204 min
Delta R.T.: -0.007 min
Response: 466139
Conc: 3.68 ng/ml