

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051921\
 Data File : P0077991.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 May 2021 14:22
 Operator : DD\AJ
 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: May 20 02:26:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 19 06:28:32 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...	4.344	3.623	3677493	1526147	49.758	50.508
2)	SA Decachlor...	9.959	8.817	2358902	1330710	47.712	45.764
Target Compounds							
3)	L1 AR-1016-1	5.640	4.853	1188362	520300	487.840	476.538
4)	L1 AR-1016-2	5.661	4.872	1779301	752089	499.060	483.779
5)	L1 AR-1016-3	5.726	5.060	1174606	393618	530.074	480.891
6)	L1 AR-1016-4	5.831	5.113	938099	334448	537.434	470.178
7)	L1 AR-1016-5	6.142	5.337	842462	405482	486.985	459.950
8)	L2 AR-1221-1	4.590	3.874	106595	36886	129.510	96.557 #
9)	L2 AR-1221-2	4.689	3.972	149448	68615	243.177	249.086
10)	L2 AR-1221-3	4.775	4.058	595477	264454	298.576	296.527
11)	L3 AR-1232-1	4.775	4.058	595477	264454	389.298	380.436
12)	L3 AR-1232-2	5.349	4.872	894319	752089	1134.517	1130.537
13)	L3 AR-1232-3	5.661	5.060	1779301	393618	1225.432	1158.278
14)	L3 AR-1232-4	5.831	5.156	938099	402891	1306.375	1271.803
15)	L3 AR-1232-5	5.930	5.337	723537	405482	1473.612	1165.378
16)	L4 AR-1242-1	5.640	4.853	1188362	520300	646.858	605.768
17)	L4 AR-1242-2	5.661	4.872	1779301	752089	658.665	621.596
18)	L4 AR-1242-3	5.726	5.060	1174606	393618	674.858	610.961
19)	L4 AR-1242-4	5.831	5.156	938099	402891	671.022	595.946
20)	L4 AR-1242-5	6.601	5.710	249347	313760	186.340	382.631 #
21)	L5 AR-1248-1	5.640	4.853	1188362	520300	833.995	807.363
22)	L5 AR-1248-2	5.930	5.113	723537	334448	381.109	349.861
23)	L5 AR-1248-3	6.142	5.156	842462	402891	379.822	419.138
24)	L5 AR-1248-4	6.564	5.337	241130	405482	103.594	354.052 #
25)	L5 AR-1248-5	6.601	5.752	249347	47989	110.205	45.798 #
26)	L6 AR-1254-1	6.534	5.710	640816	313760	258.186	181.932 #
27)	L6 AR-1254-2	6.760	5.868	661398	305432	170.440	190.541
28)	L6 AR-1254-3	7.136	6.300f	384557	549833	98.018	230.369 #
29)	L6 AR-1254-4	7.427	6.520	286942	79250	105.661	54.585 #
30)	L6 AR-1254-5	7.851	6.942	1859613	1016109	635.878	447.047 #
31)	L7 AR-1260-1	7.301	6.417	1504839	756677	536.244	472.255
32)	L7 AR-1260-2	7.566	6.613	1699552	911570	505.204	472.175
33)	L7 AR-1260-3	7.926	6.764	1207880	855285	495.036	466.188
34)	L7 AR-1260-4	8.151	7.241	1337850	716928	499.433	475.590
35)	L7 AR-1260-5	8.465	7.489	2614710	1677287	509.106	480.978
36)	L8 AR-1262-1	7.926	6.942	1207880	1016109	337.169	865.952 #
37)	L8 AR-1262-2	8.465	7.489	2614710	1677287	434.370	429.963
38)	L8 AR-1262-3	8.754f	7.771	1634772	384145	404.775	238.702 #
39)	L8 AR-1262-4	8.799f	7.833	1007933	1242791	323.209	414.426 #
40)	L8 AR-1262-5	9.363	8.329	708748	442253	342.042	319.535
41)	L9 AR-1268-1	8.754f	7.771	1634772	384145	230.623	83.907 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

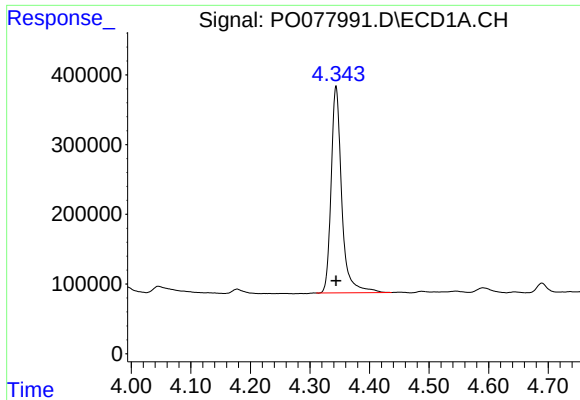
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:26:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051821.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	8.799f	7.833	1007933	1242791	155.757	300.372 #
43) L9	AR-1268-3	8.999	8.038	31123	22965	5.719	6.484
44) L9	AR-1268-4	9.363	8.329	708748	442253	314.708	292.311
45) L9	AR-1268-5	9.693	8.598	199549	128455	11.410	12.194

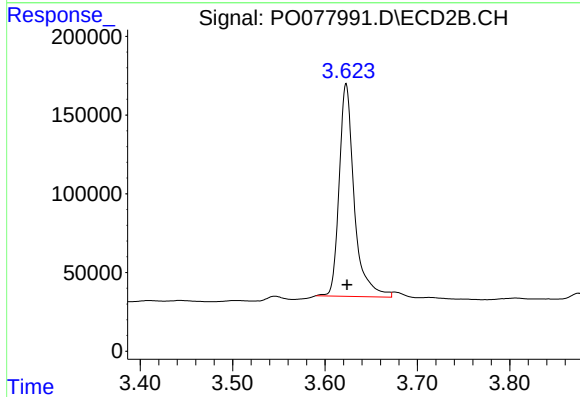
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

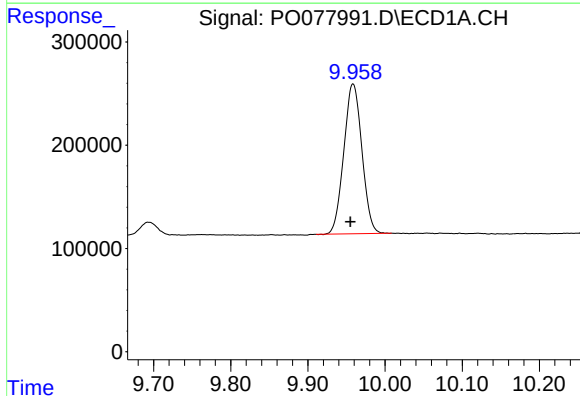
R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 3677493
Conc: 49.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



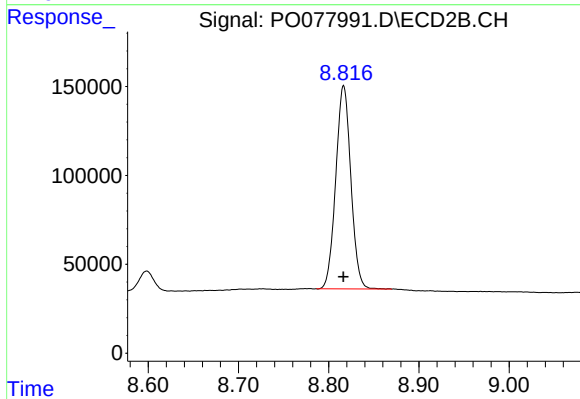
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 1526147
Conc: 50.51 ng/ml



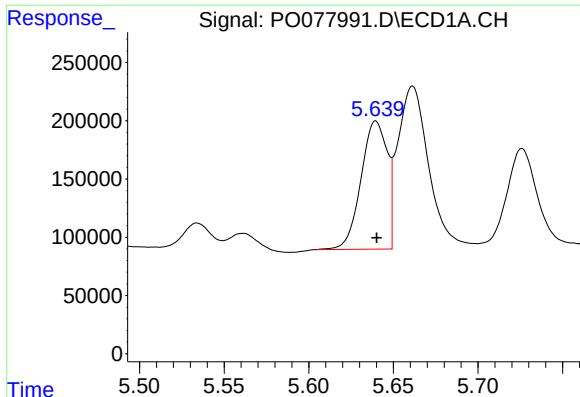
#2 Decachlorobiphenyl

R.T.: 9.959 min
Delta R.T.: 0.003 min
Response: 2358902
Conc: 47.71 ng/ml



#2 Decachlorobiphenyl

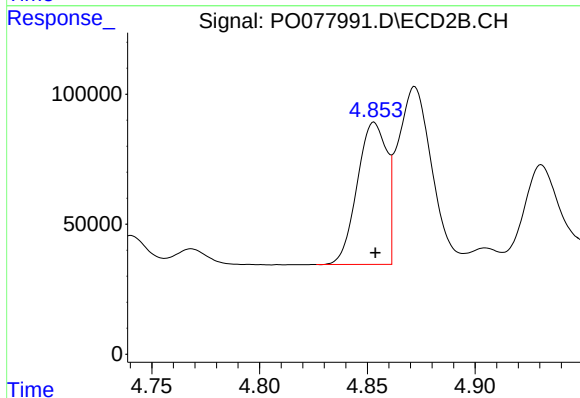
R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 1330710
Conc: 45.76 ng/ml



#3 AR-1016-1

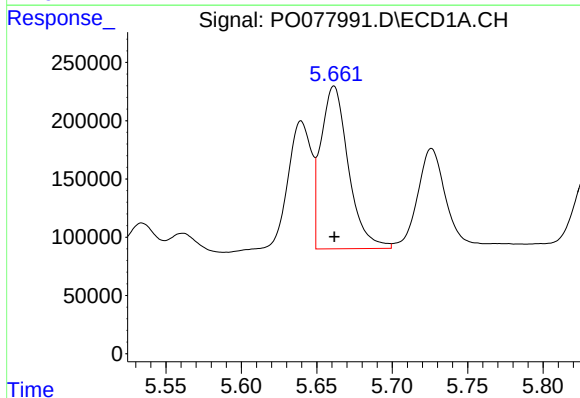
R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 1188362
Conc: 487.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



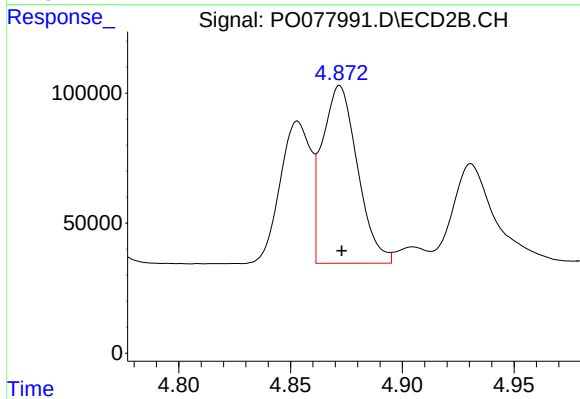
#3 AR-1016-1

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 520300
Conc: 476.54 ng/ml



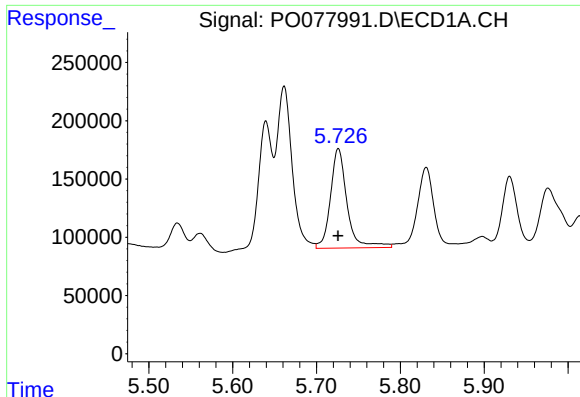
#4 AR-1016-2

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 1779301
Conc: 499.06 ng/ml



#4 AR-1016-2

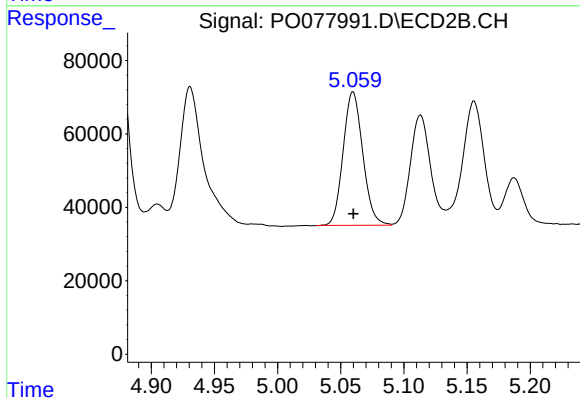
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 752089
Conc: 483.78 ng/ml



#5 AR-1016-3

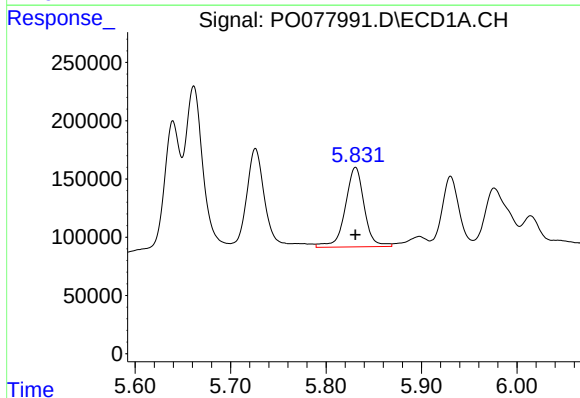
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 1174606
Conc: 530.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



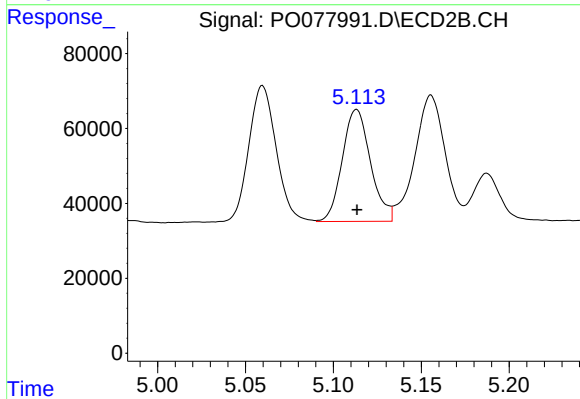
#5 AR-1016-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 393618
Conc: 480.89 ng/ml



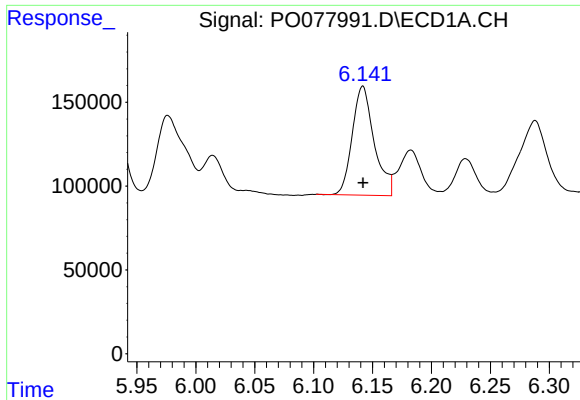
#6 AR-1016-4

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 938099
Conc: 537.43 ng/ml



#6 AR-1016-4

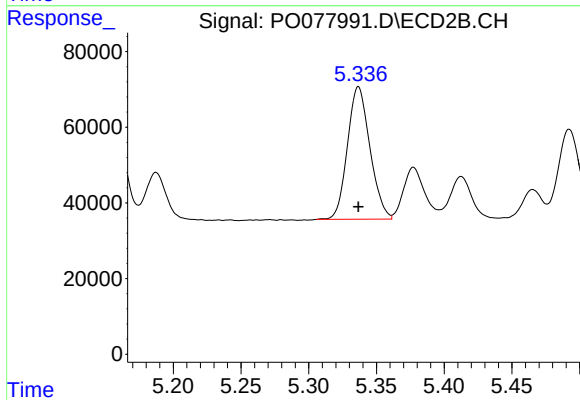
R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 334448
Conc: 470.18 ng/ml



#7 AR-1016-5

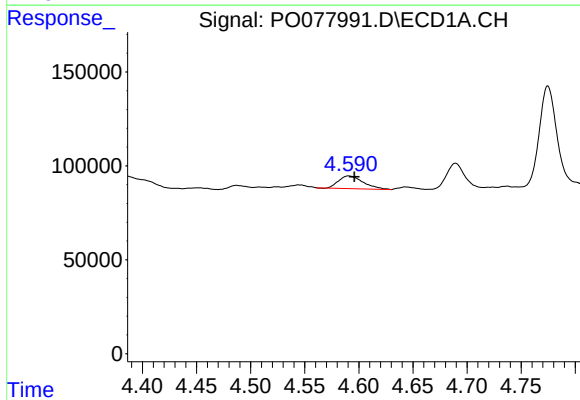
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 842462
Conc: 486.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



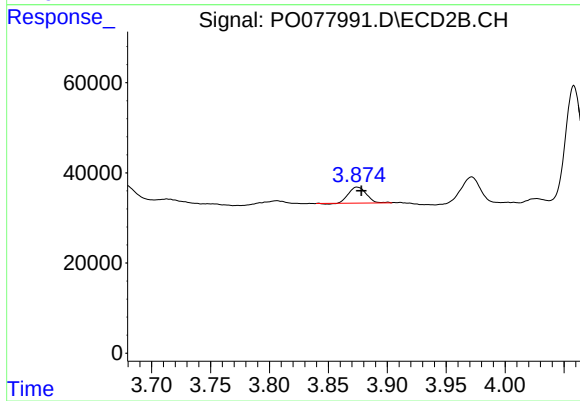
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 405482
Conc: 459.95 ng/ml



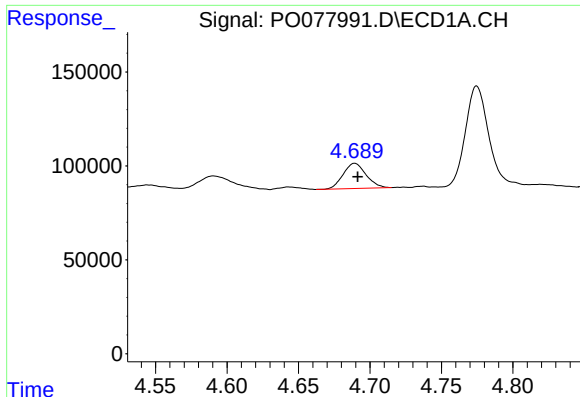
#8 AR-1221-1

R.T.: 4.590 min
Delta R.T.: -0.006 min
Response: 106595
Conc: 129.51 ng/ml



#8 AR-1221-1

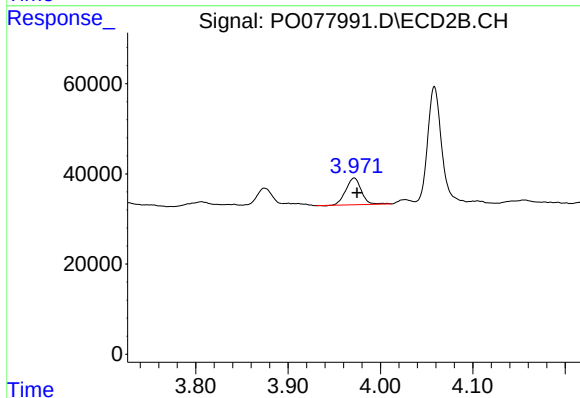
R.T.: 3.874 min
Delta R.T.: -0.004 min
Response: 36886
Conc: 96.56 ng/ml



#9 AR-1221-2

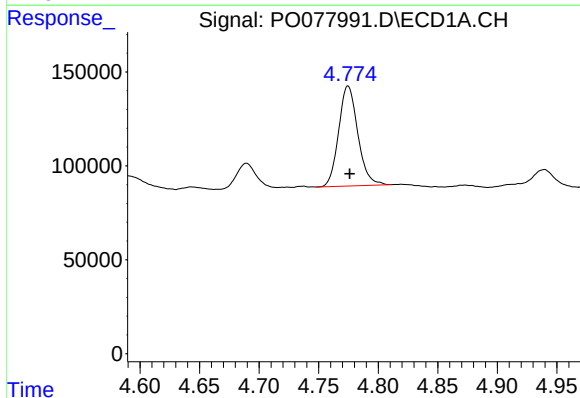
R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 149448
Conc: 243.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



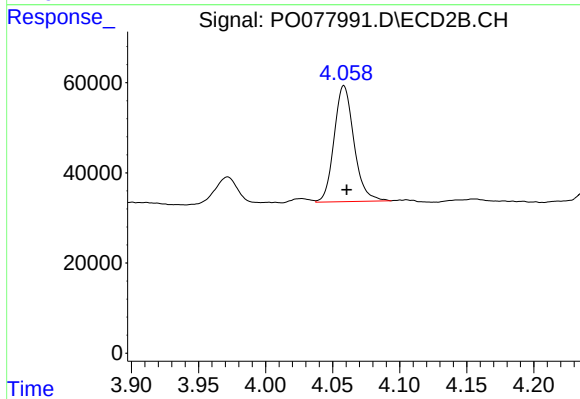
#9 AR-1221-2

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 68615
Conc: 249.09 ng/ml



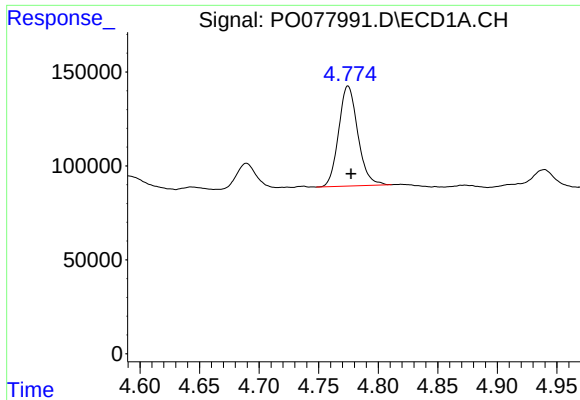
#10 AR-1221-3

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 595477
Conc: 298.58 ng/ml



#10 AR-1221-3

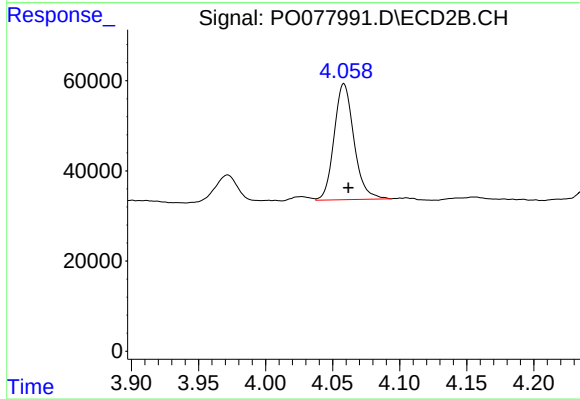
R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 264454
Conc: 296.53 ng/ml



#11 AR-1232-1

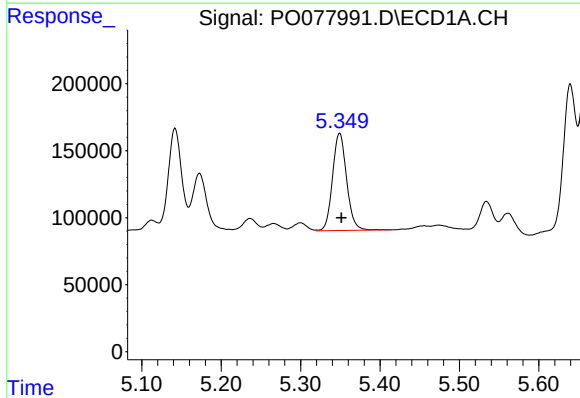
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 595477
Conc: 389.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



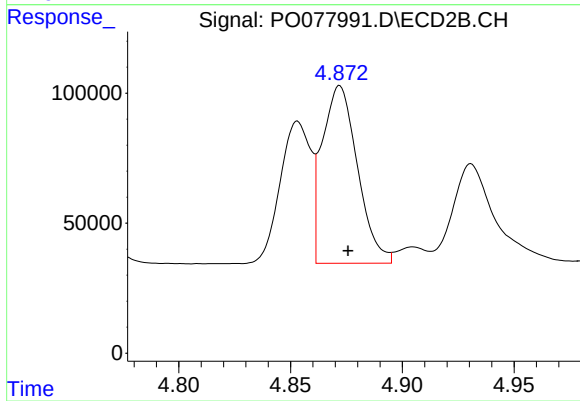
#11 AR-1232-1

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 264454
Conc: 380.44 ng/ml



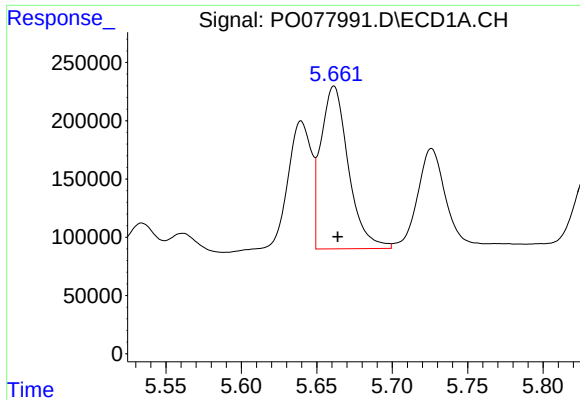
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 894319
Conc: 1134.52 ng/ml



#12 AR-1232-2

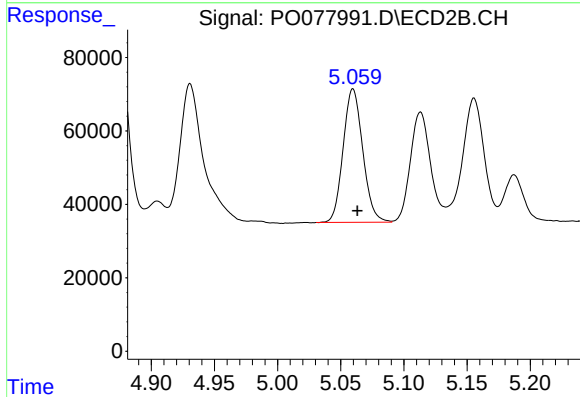
R.T.: 4.872 min
Delta R.T.: -0.004 min
Response: 752089
Conc: 1130.54 ng/ml



#13 AR-1232-3

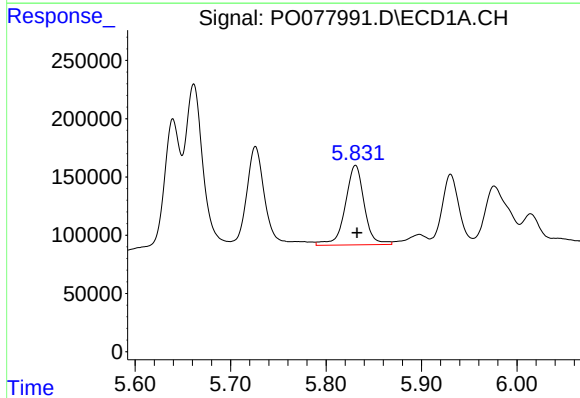
R.T.: 5.661 min
Delta R.T.: -0.003 min
Response: 1779301
Conc: 1225.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



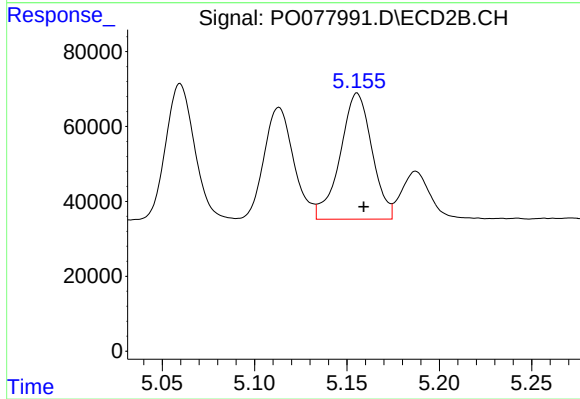
#13 AR-1232-3

R.T.: 5.060 min
Delta R.T.: -0.004 min
Response: 393618
Conc: 1158.28 ng/ml



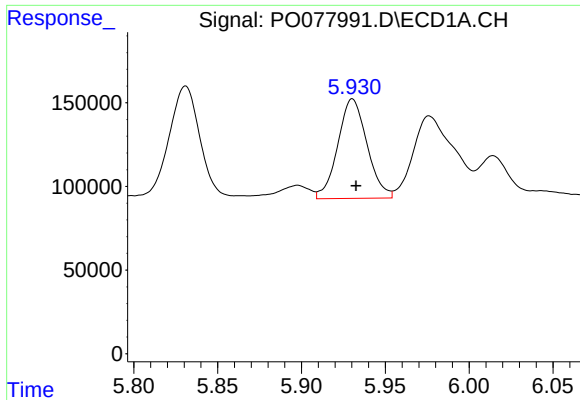
#14 AR-1232-4

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 938099
Conc: 1306.37 ng/ml



#14 AR-1232-4

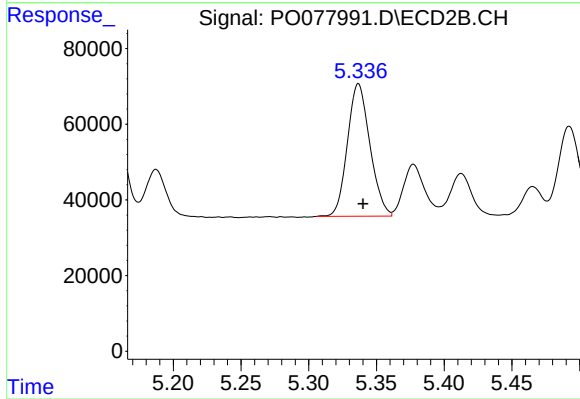
R.T.: 5.156 min
Delta R.T.: -0.004 min
Response: 402891
Conc: 1271.80 ng/ml



#15 AR-1232-5

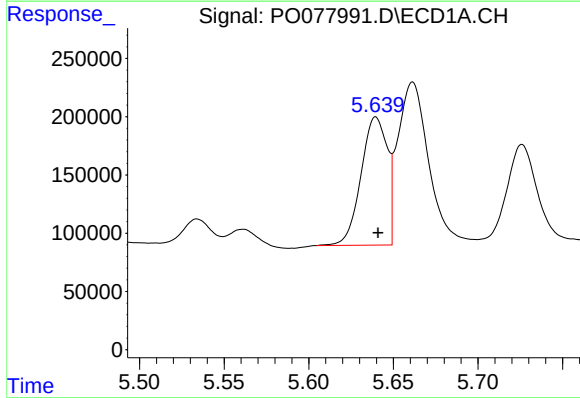
R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 723537
Conc: 1473.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



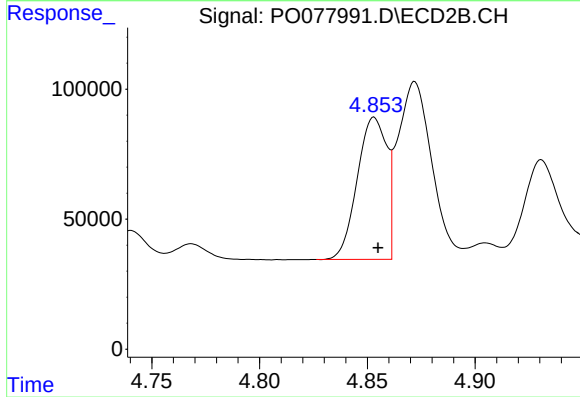
#15 AR-1232-5

R.T.: 5.337 min
Delta R.T.: -0.003 min
Response: 405482
Conc: 1165.38 ng/ml



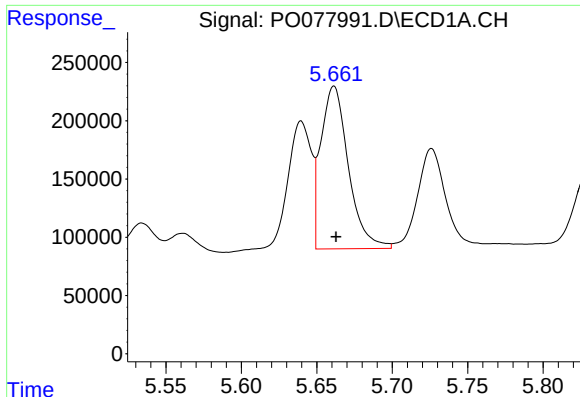
#16 AR-1242-1

R.T.: 5.640 min
Delta R.T.: -0.001 min
Response: 1188362
Conc: 646.86 ng/ml



#16 AR-1242-1

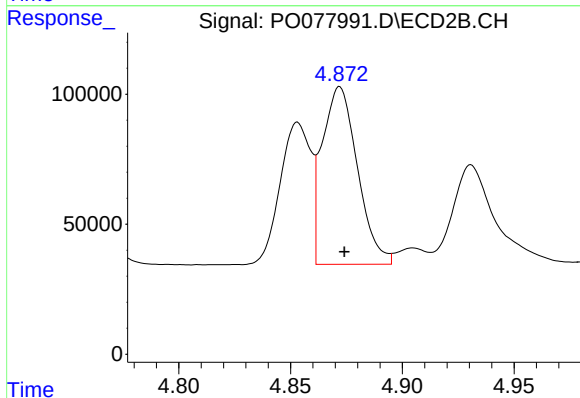
R.T.: 4.853 min
Delta R.T.: -0.002 min
Response: 520300
Conc: 605.77 ng/ml



#17 AR-1242-2

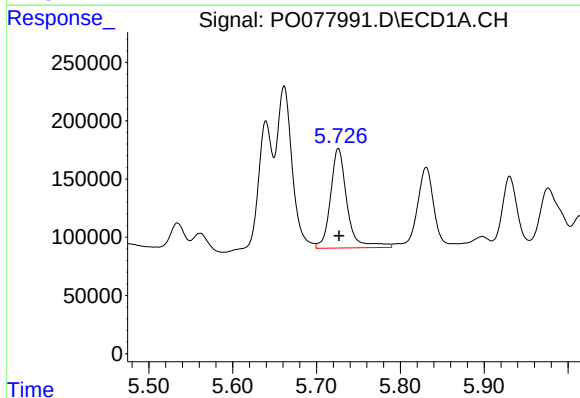
R.T.: 5.661 min
Delta R.T.: -0.001 min
Response: 1779301
Conc: 658.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



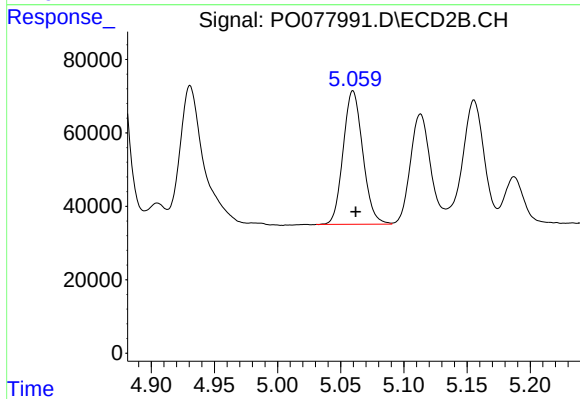
#17 AR-1242-2

R.T.: 4.872 min
Delta R.T.: -0.002 min
Response: 752089
Conc: 621.60 ng/ml



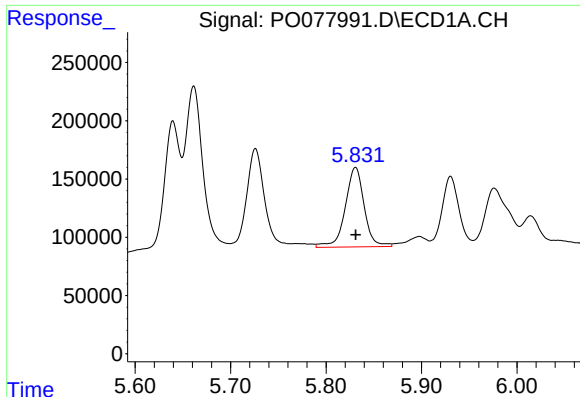
#18 AR-1242-3

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 1174606
Conc: 674.86 ng/ml



#18 AR-1242-3

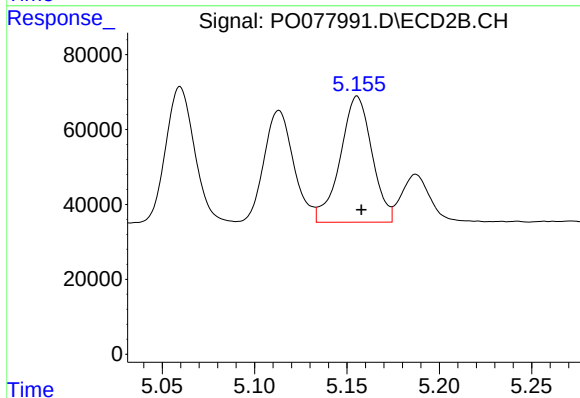
R.T.: 5.060 min
Delta R.T.: -0.002 min
Response: 393618
Conc: 610.96 ng/ml



#19 AR-1242-4

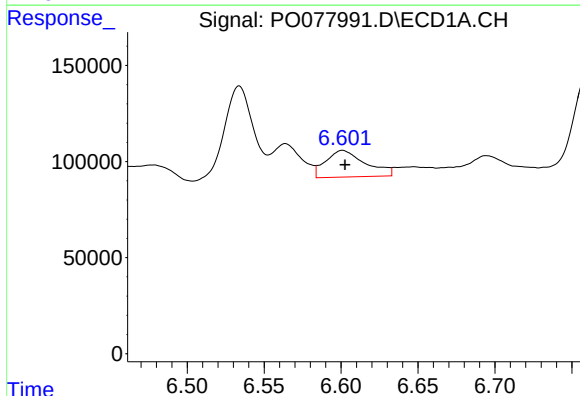
R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 938099
Conc: 671.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



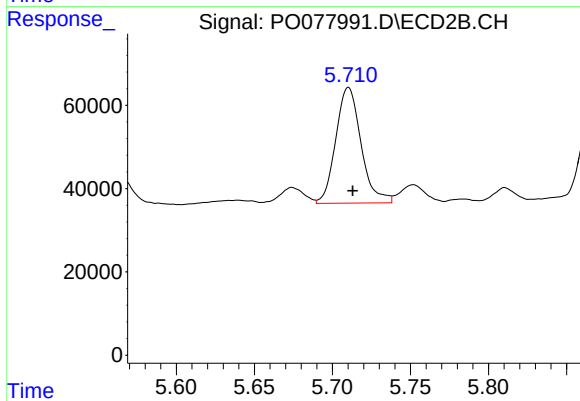
#19 AR-1242-4

R.T.: 5.156 min
Delta R.T.: -0.002 min
Response: 402891
Conc: 595.95 ng/ml



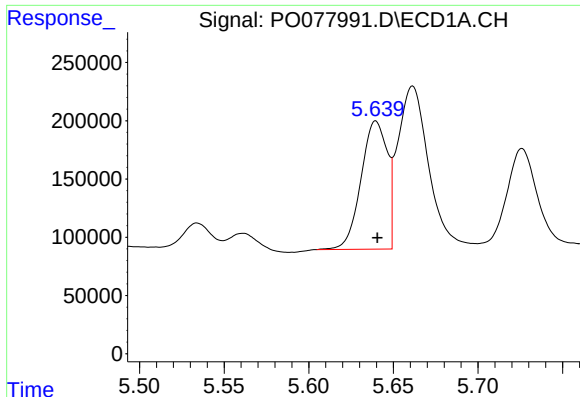
#20 AR-1242-5

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 249347
Conc: 186.34 ng/ml



#20 AR-1242-5

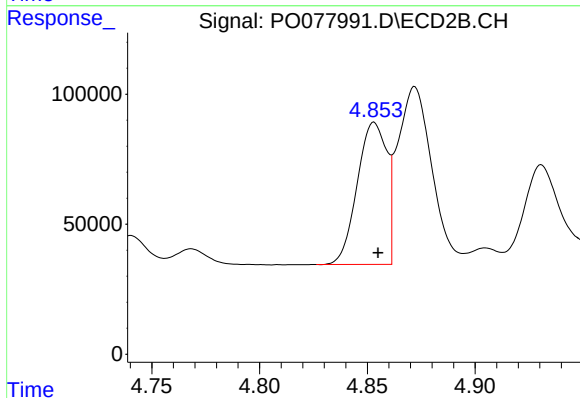
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 313760
Conc: 382.63 ng/ml



#21 AR-1248-1

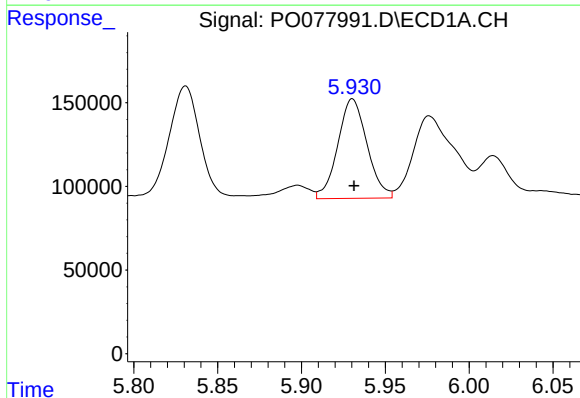
R.T.: 5.640 min
Delta R.T.: -0.001 min
Response: 1188362
Conc: 833.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



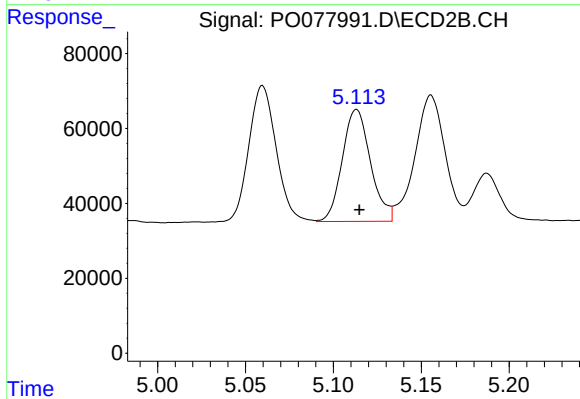
#21 AR-1248-1

R.T.: 4.853 min
Delta R.T.: -0.002 min
Response: 520300
Conc: 807.36 ng/ml



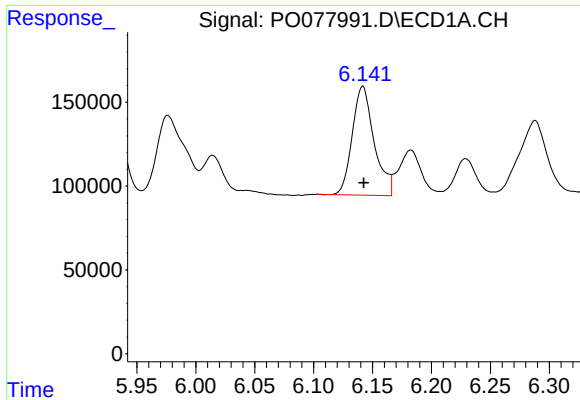
#22 AR-1248-2

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 723537
Conc: 381.11 ng/ml



#22 AR-1248-2

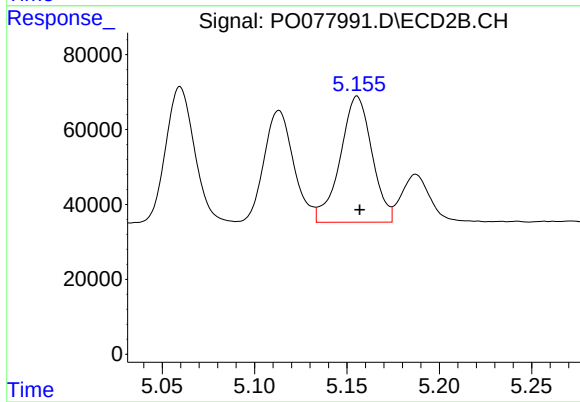
R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 334448
Conc: 349.86 ng/ml



#23 AR-1248-3

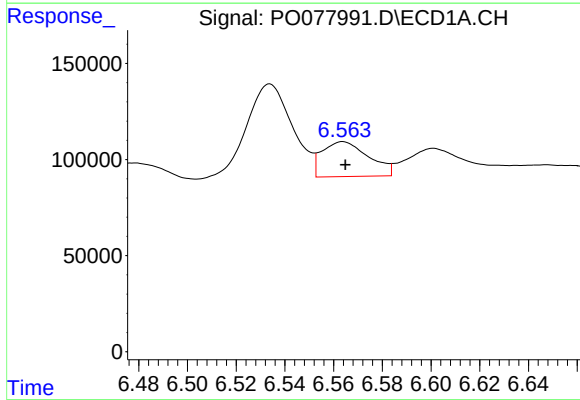
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 842462
Conc: 379.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



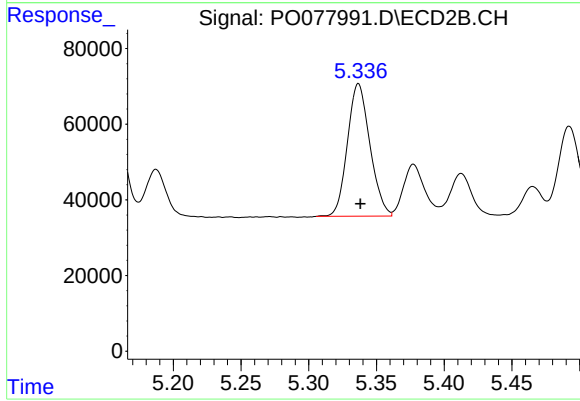
#23 AR-1248-3

R.T.: 5.156 min
Delta R.T.: -0.001 min
Response: 402891
Conc: 419.14 ng/ml



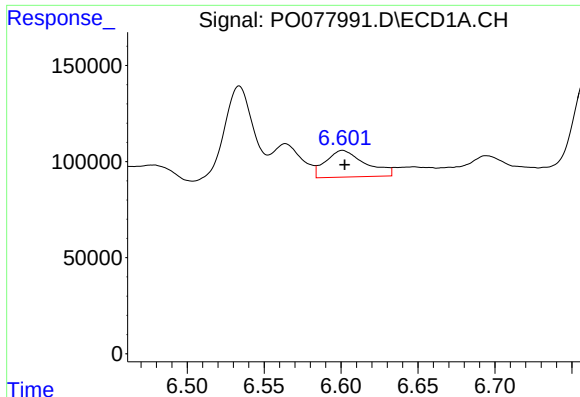
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 241130
Conc: 103.59 ng/ml



#24 AR-1248-4

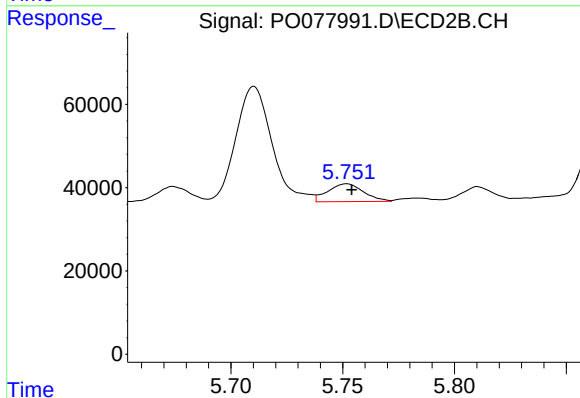
R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 405482
Conc: 354.05 ng/ml



#25 AR-1248-5

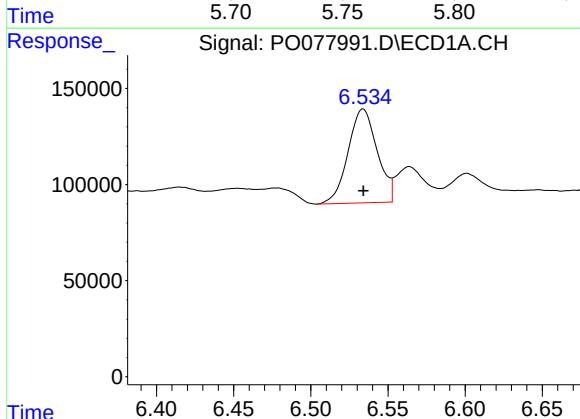
R.T.: 6.601 min
Delta R.T.: -0.001 min
Response: 249347
Conc: 110.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



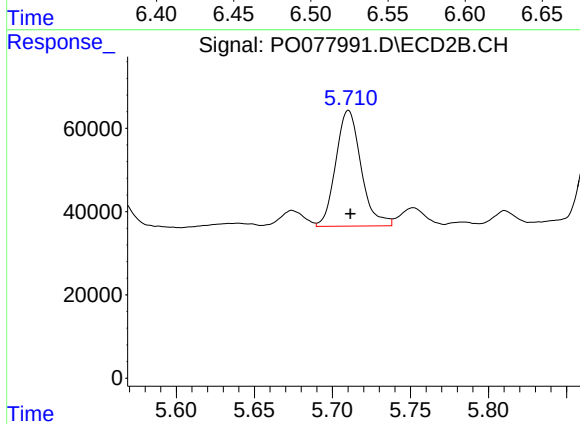
#25 AR-1248-5

R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 47989
Conc: 45.80 ng/ml



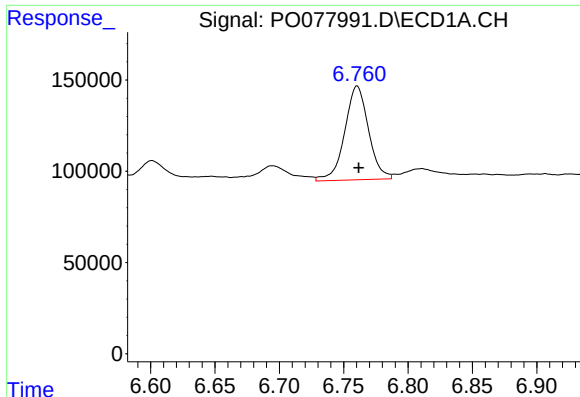
#26 AR-1254-1

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 640816
Conc: 258.19 ng/ml



#26 AR-1254-1

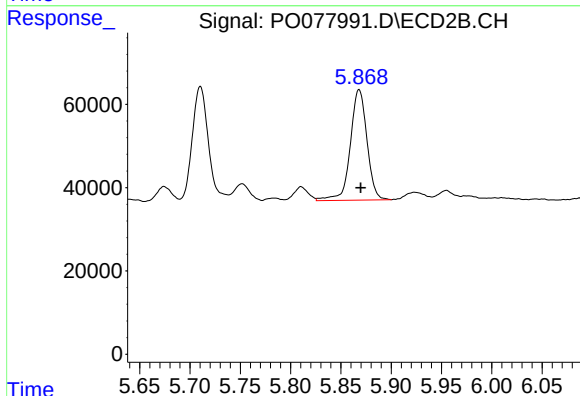
R.T.: 5.710 min
Delta R.T.: -0.001 min
Response: 313760
Conc: 181.93 ng/ml



#27 AR-1254-2

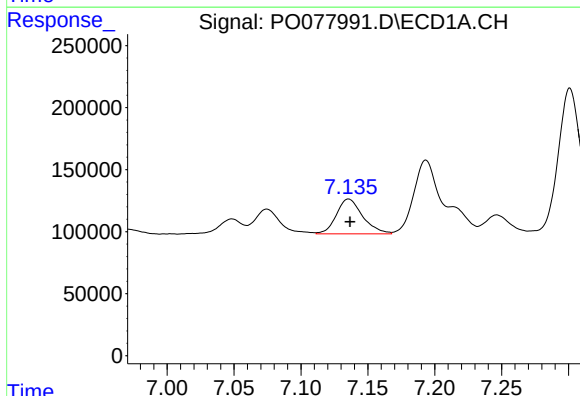
R.T.: 6.760 min
Delta R.T.: -0.001 min
Response: 661398
Conc: 170.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



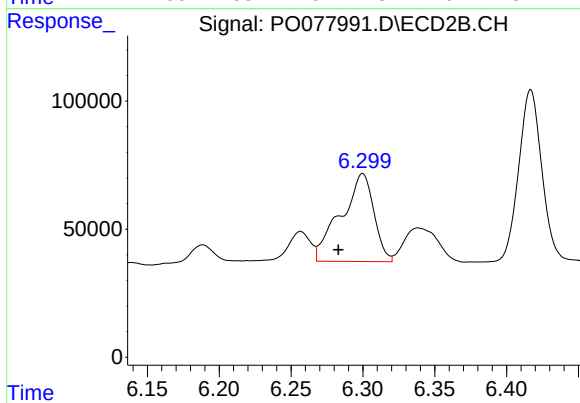
#27 AR-1254-2

R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 305432
Conc: 190.54 ng/ml



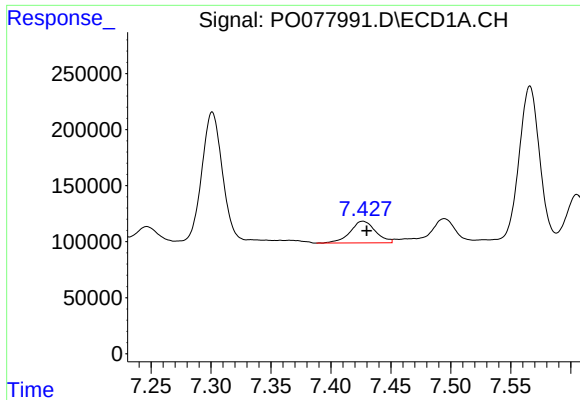
#28 AR-1254-3

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 384557
Conc: 98.02 ng/ml



#28 AR-1254-3

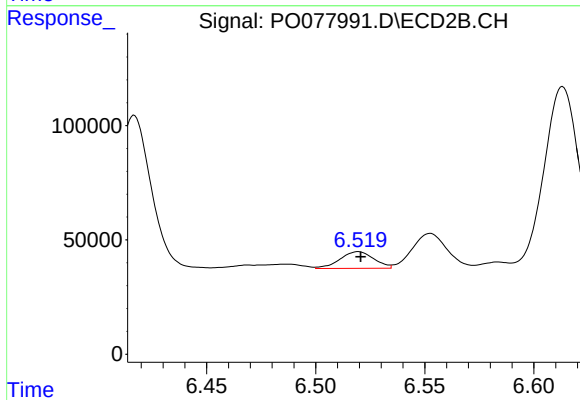
R.T.: 6.300 min
Delta R.T.: 0.017 min
Response: 549833
Conc: 230.37 ng/ml



#29 AR-1254-4

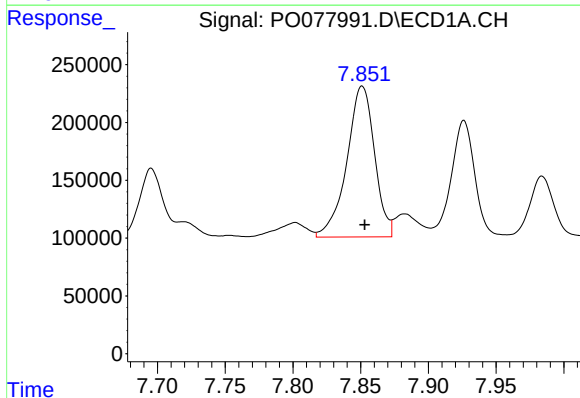
R.T.: 7.427 min
Delta R.T.: -0.003 min
Response: 286942
Conc: 105.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



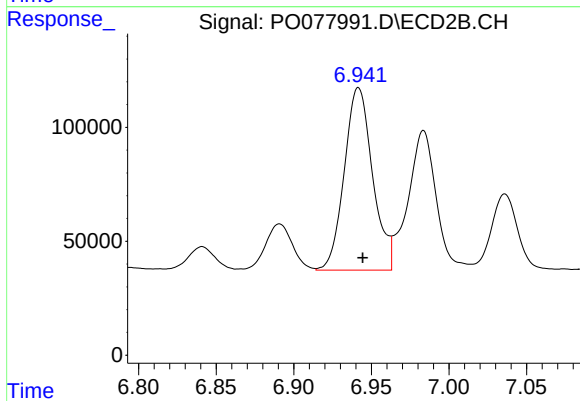
#29 AR-1254-4

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 79250
Conc: 54.58 ng/ml



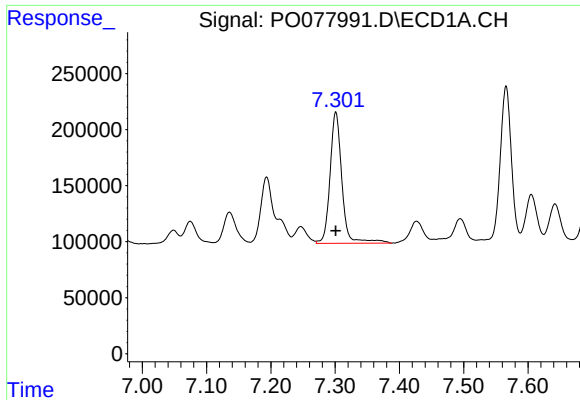
#30 AR-1254-5

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 1859613
Conc: 635.88 ng/ml



#30 AR-1254-5

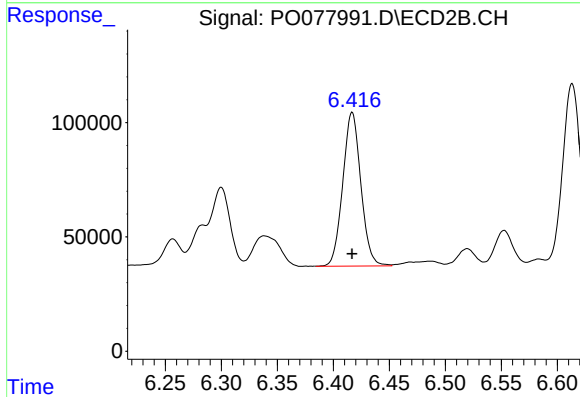
R.T.: 6.942 min
Delta R.T.: -0.003 min
Response: 1016109
Conc: 447.05 ng/ml



#31 AR-1260-1

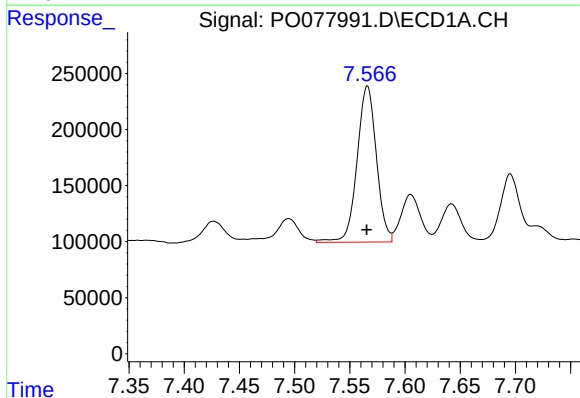
R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 1504839
Conc: 536.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



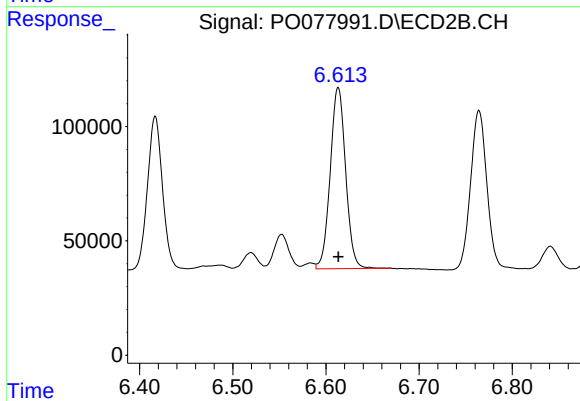
#31 AR-1260-1

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 756677
Conc: 472.26 ng/ml



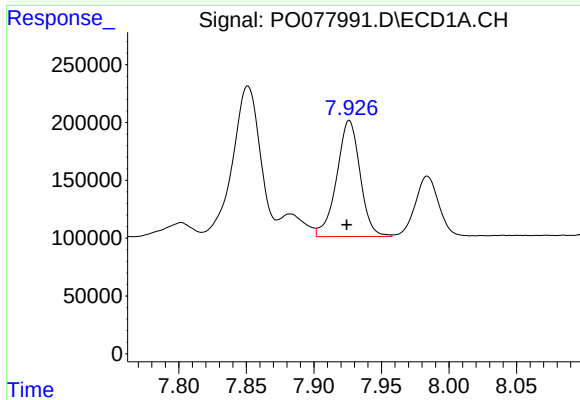
#32 AR-1260-2

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 1699552
Conc: 505.20 ng/ml



#32 AR-1260-2

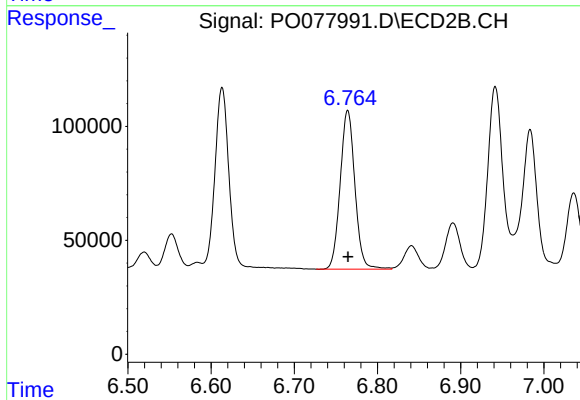
R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 911570
Conc: 472.18 ng/ml



#33 AR-1260-3

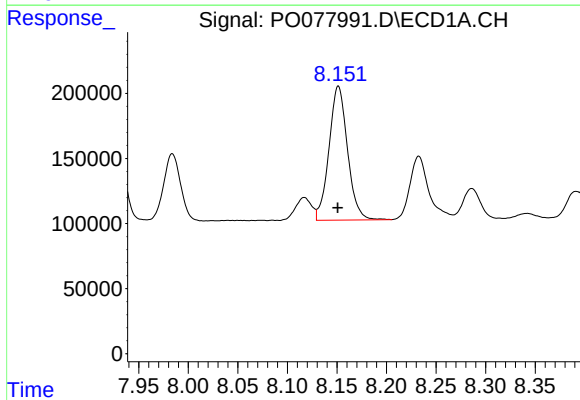
R.T.: 7.926 min
Delta R.T.: 0.002 min
Response: 1207880
Conc: 495.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



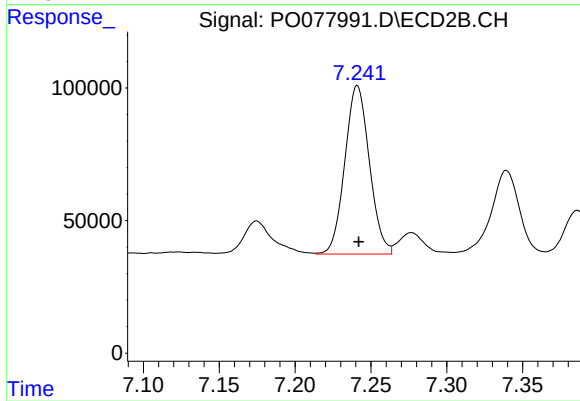
#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 855285
Conc: 466.19 ng/ml



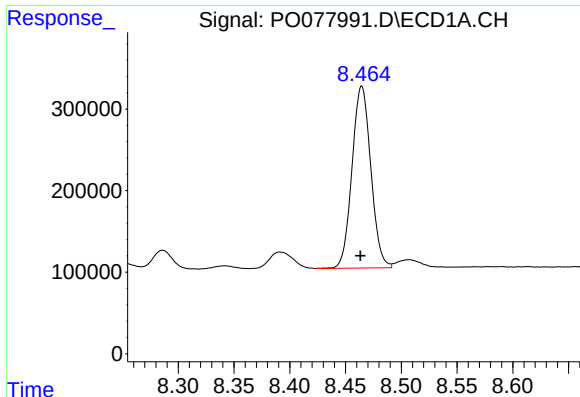
#34 AR-1260-4

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 1337850
Conc: 499.43 ng/ml



#34 AR-1260-4

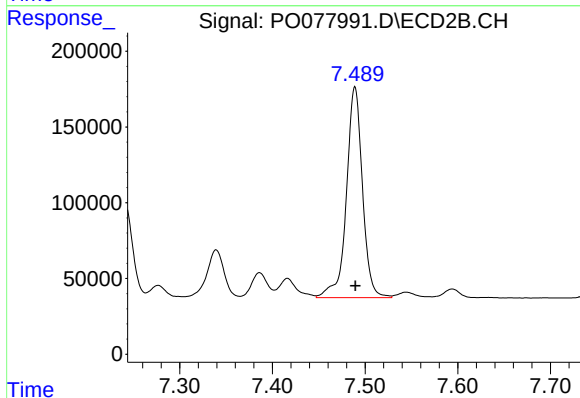
R.T.: 7.241 min
Delta R.T.: -0.001 min
Response: 716928
Conc: 475.59 ng/ml



#35 AR-1260-5

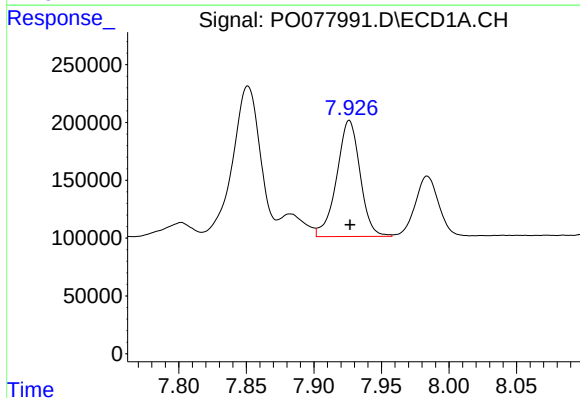
R.T.: 8.465 min
Delta R.T.: 0.001 min
Response: 2614710
Conc: 509.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



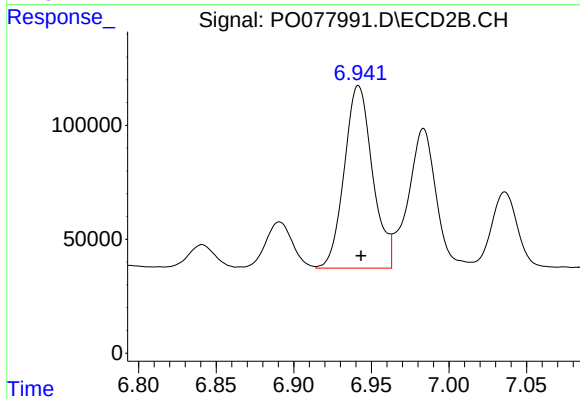
#35 AR-1260-5

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 1677287
Conc: 480.98 ng/ml



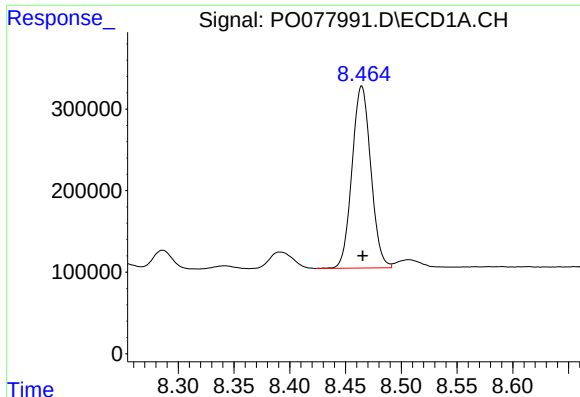
#36 AR-1262-1

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 1207880
Conc: 337.17 ng/ml



#36 AR-1262-1

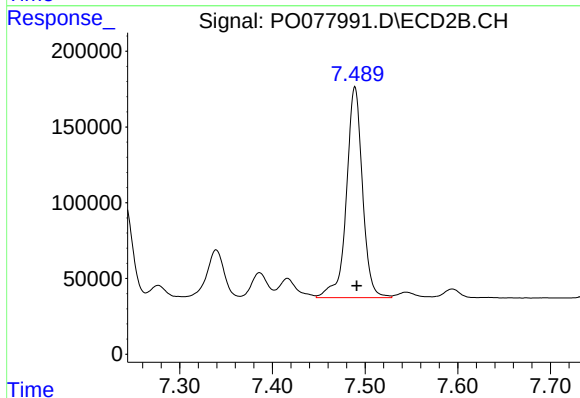
R.T.: 6.942 min
Delta R.T.: -0.002 min
Response: 1016109
Conc: 865.95 ng/ml



#37 AR-1262-2

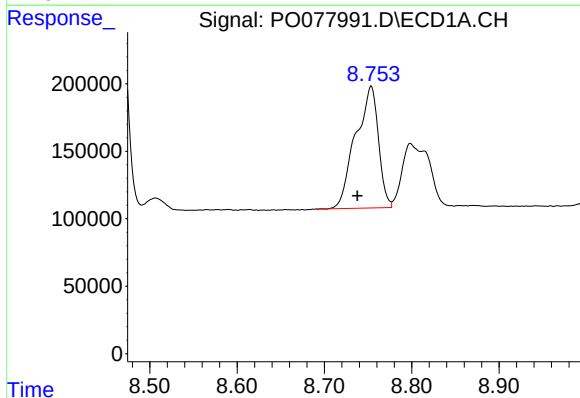
R.T.: 8.465 min
Delta R.T.: -0.001 min
Response: 2614710
Conc: 434.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



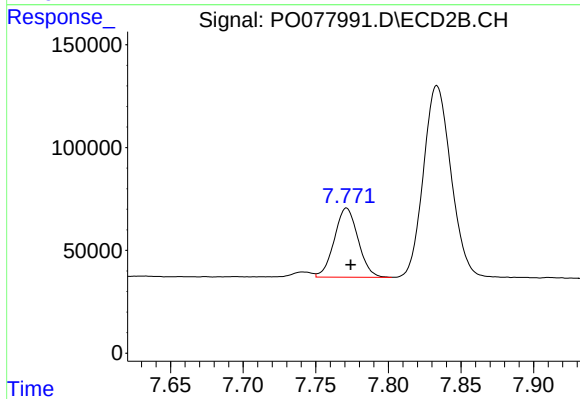
#37 AR-1262-2

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 1677287
Conc: 429.96 ng/ml



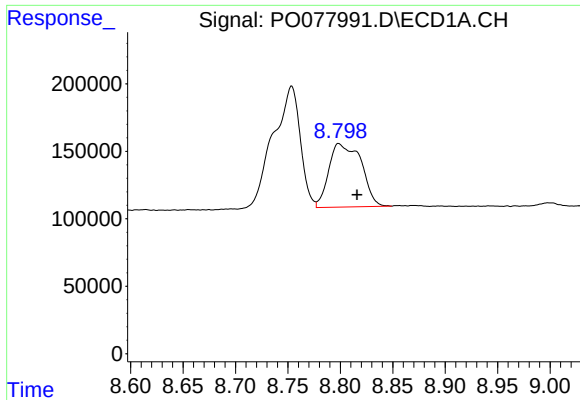
#38 AR-1262-3

R.T.: 8.754 min
Delta R.T.: 0.016 min
Response: 1634772
Conc: 404.78 ng/ml



#38 AR-1262-3

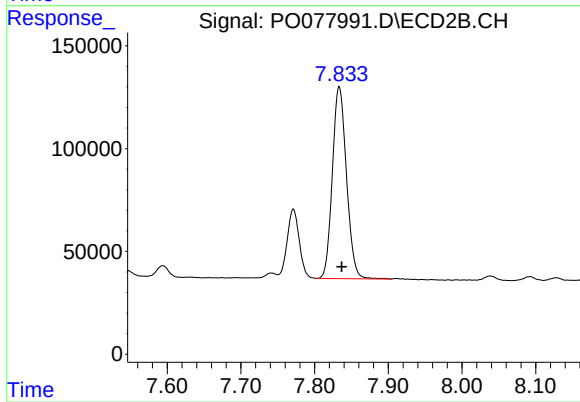
R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 384145
Conc: 238.70 ng/ml



#39 AR-1262-4

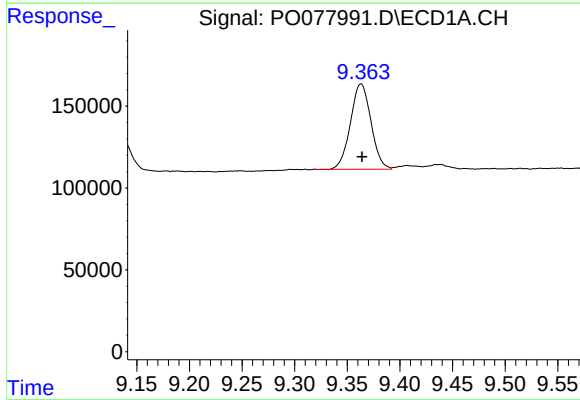
R.T.: 8.799 min
Delta R.T.: -0.018 min
Response: 1007933
Conc: 323.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



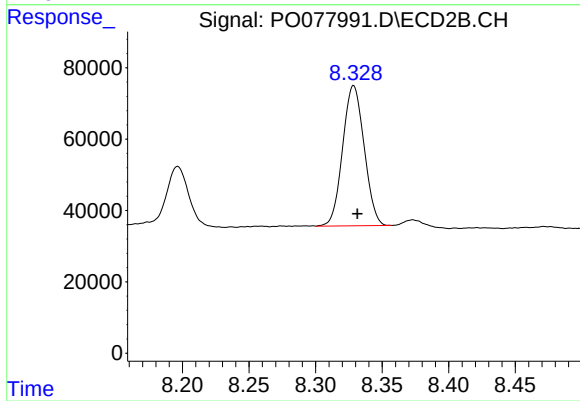
#39 AR-1262-4

R.T.: 7.833 min
Delta R.T.: -0.003 min
Response: 1242791
Conc: 414.43 ng/ml



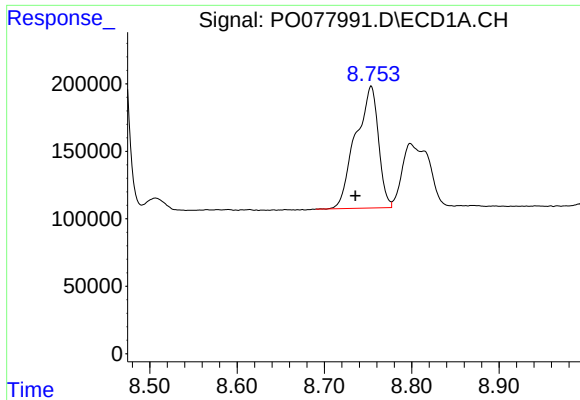
#40 AR-1262-5

R.T.: 9.363 min
Delta R.T.: 0.000 min
Response: 708748
Conc: 342.04 ng/ml



#40 AR-1262-5

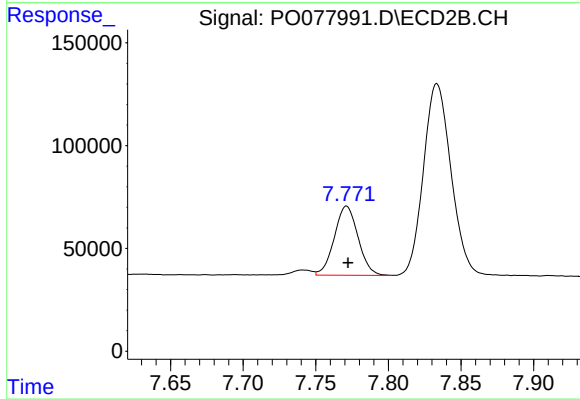
R.T.: 8.329 min
Delta R.T.: -0.003 min
Response: 442253
Conc: 319.54 ng/ml



#41 AR-1268-1

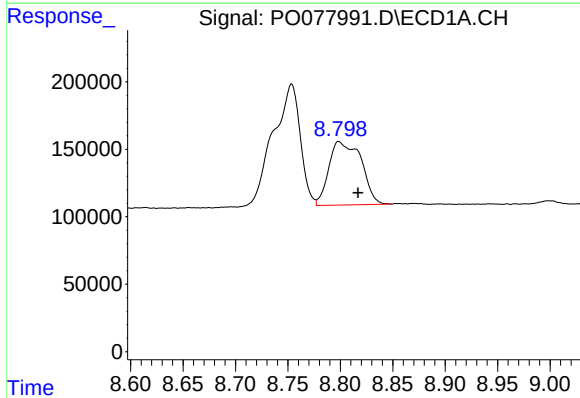
R.T.: 8.754 min
Delta R.T.: 0.018 min
Response: 1634772
Conc: 230.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



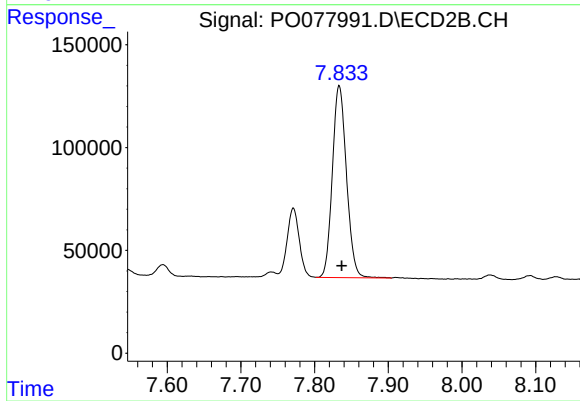
#41 AR-1268-1

R.T.: 7.771 min
Delta R.T.: 0.000 min
Response: 384145
Conc: 83.91 ng/ml



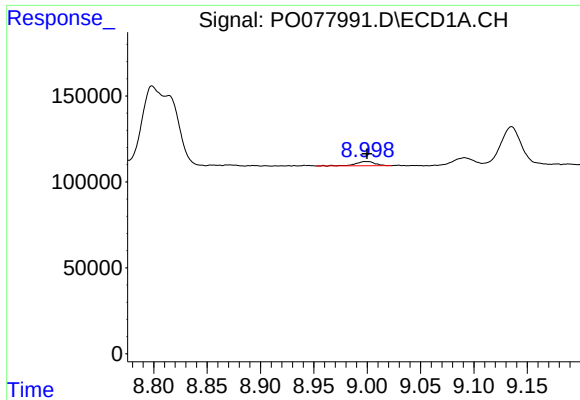
#42 AR-1268-2

R.T.: 8.799 min
Delta R.T.: -0.019 min
Response: 1007933
Conc: 155.76 ng/ml



#42 AR-1268-2

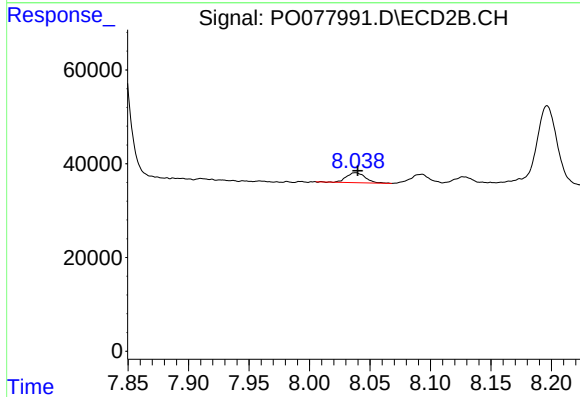
R.T.: 7.833 min
Delta R.T.: -0.004 min
Response: 1242791
Conc: 300.37 ng/ml



#43 AR-1268-3

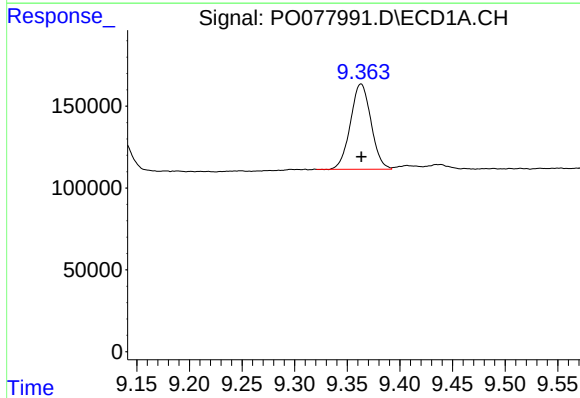
R.T.: 8.999 min
Delta R.T.: 0.000 min
Response: 31123
Conc: 5.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



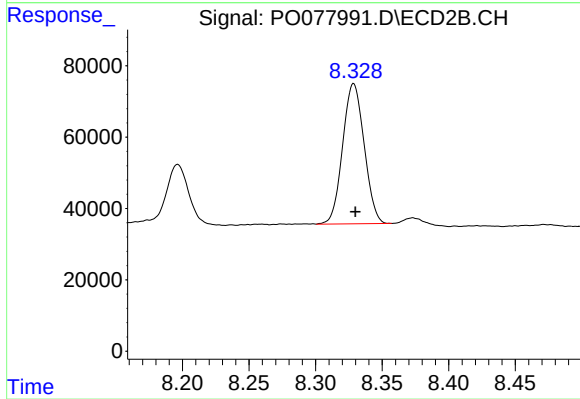
#43 AR-1268-3

R.T.: 8.038 min
Delta R.T.: -0.002 min
Response: 22965
Conc: 6.48 ng/ml



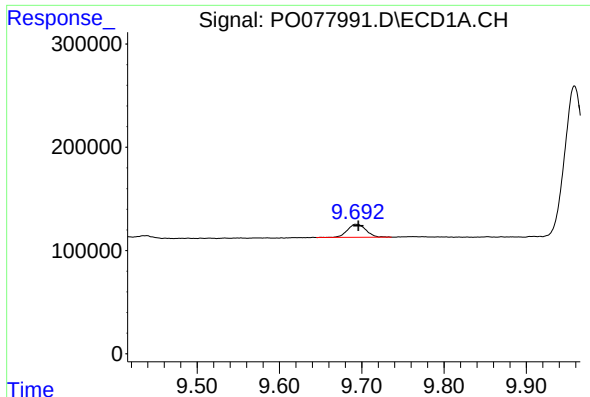
#44 AR-1268-4

R.T.: 9.363 min
Delta R.T.: 0.000 min
Response: 708748
Conc: 314.71 ng/ml



#44 AR-1268-4

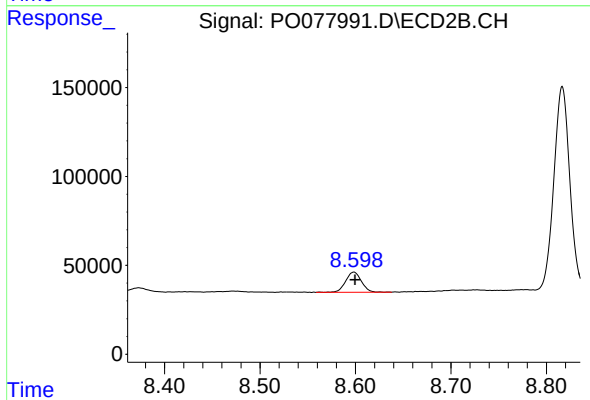
R.T.: 8.329 min
Delta R.T.: -0.001 min
Response: 442253
Conc: 292.31 ng/ml



#45 AR-1268-5

R.T.: 9.693 min
Delta R.T.: -0.003 min
Response: 199549
Conc: 11.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.598 min
Delta R.T.: -0.001 min
Response: 128455
Conc: 12.19 ng/ml