

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110921\
 Data File : PO082689.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Nov 2021 19:06
 Operator : AJ\MA
 Sample : M4582-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 00:51:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 03 05:20:12 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...	4.963	3.960	1976014	709595	22.576	22.929
2)	SA Decachlor...	11.067	9.274	1471081	715916	23.294	24.865
Target Compounds							
3)	L1 AR-1016-1	6.297	5.219	1477522	698788	509.385	520.845
4)	L1 AR-1016-2	6.321	5.239	2091368	952791	506.726	517.430
5)	L1 AR-1016-3	6.386	5.430	1296885	525647	506.432	527.282
6)	L1 AR-1016-4	6.495	5.483	1066848	427008	516.820	523.498
7)	L1 AR-1016-5	6.813	5.712	1009003	539278	494.802	529.003
8)	L2 AR-1221-1	5.218	4.217	651160	67368	690.475	176.383 #
9)	L2 AR-1221-2	5.317	4.318	193201	90742	298.063	312.571
10)	L2 AR-1221-3	5.405	4.406	812123	353832	393.678	382.388
11)	L3 AR-1232-1	5.405	4.406	812123	353832	468.814	448.212
12)	L3 AR-1232-2	5.999	5.239	1100652	952791	1244.691	1269.318
13)	L3 AR-1232-3	6.321	5.430	2091368	525647	1324.374	1325.541
14)	L3 AR-1232-4	6.495	5.528	1066848	503674	1389.252	1458.489
15)	L3 AR-1232-5	6.594	5.712	859227	539278	1554.387	1438.436
16)	L4 AR-1242-1	6.297	5.219	1477522	698788	710.851	716.053
17)	L4 AR-1242-2	6.321	5.239	2091368	952791	716.945	707.801
18)	L4 AR-1242-3	6.386	5.430	1296885	525647	703.063	721.115
19)	L4 AR-1242-4	6.495	5.528	1066848	503674	713.835	705.513
20)	L4 AR-1242-5	7.284	6.092	141558	453774	94.627	491.526 #
21)	L5 AR-1248-1	6.297	5.219	1477522	698788	968.066	947.547
22)	L5 AR-1248-2	6.594	5.483	859227	427008	408.516	419.334
23)	L5 AR-1248-3	6.813	5.528	1009003	503674	415.852	484.039
24)	L5 AR-1248-4	7.244	5.712	159285	539278	62.015	439.922 #
25)	L5 AR-1248-5	7.284	6.135	141558	77750	56.124	62.921
26)	L6 AR-1254-1	7.213	6.092	757384	453774	277.997	233.619
27)	L6 AR-1254-2	7.444	6.253	814864	447869	195.618	261.703 #
28)	L6 AR-1254-3	7.829	6.693	432649	785639	101.158	305.587 #
29)	L6 AR-1254-4	8.125	6.914	269085	100813	87.745	55.460 #
30)	L6 AR-1254-5	8.558	7.344	2528450	1539529	786.232	662.357
31)	L7 AR-1260-1	7.997	6.812	1842464	1082467	580.215	596.720
32)	L7 AR-1260-2	8.265	7.010	2114072	1432198	562.410	598.457
33)	L7 AR-1260-3	8.632	7.164	1354558	1188482	478.291	558.865
34)	L7 AR-1260-4	8.864	7.649	1678829	901959	503.635	540.759
35)	L7 AR-1260-5	9.197	7.898	3103594	2316184	494.611	556.247
36)	L8 AR-1262-1	8.632	7.344	1354558	1539529	365.066	1288.168 #
37)	L8 AR-1262-2	9.197	7.898	3103594	2316184	485.923	567.546
38)	L8 AR-1262-3	9.538f	8.185	2025660	454267	706.401	278.569 #
39)	L8 AR-1262-4	9.589f	8.247	1127357	1510729	668.001	518.795
40)	L8 AR-1262-5	10.296	8.749	759311	469995	312.640	343.042
41)	L9 AR-1268-1	9.538	8.185	2025660	454267	248.150	86.858 #

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 Operator : AJ\MA
 Sample : M4582-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

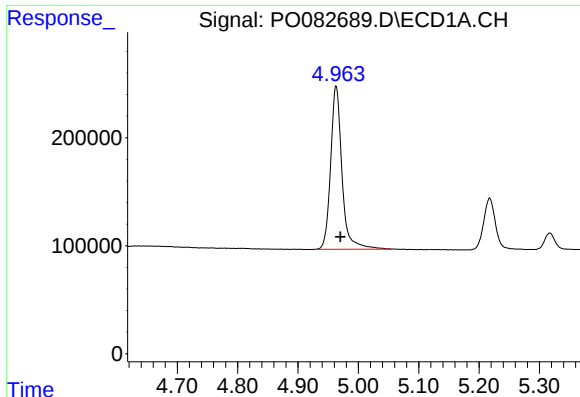
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 00:51:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
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 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	0.000	8.247	0	1510729	N.D.	332.928 #
43) L9	AR-1268-3	9.842	8.458	55907	51587	8.521	13.273 #
44) L9	AR-1268-4	10.296	8.749	759311	469995	269.952	295.818
45) L9	AR-1268-5	10.720	9.029	289002	165903	13.063	15.172

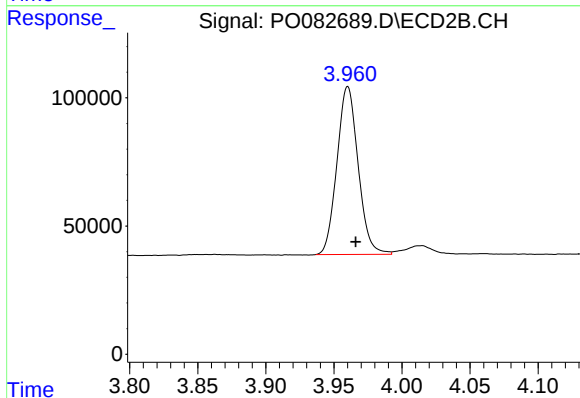
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

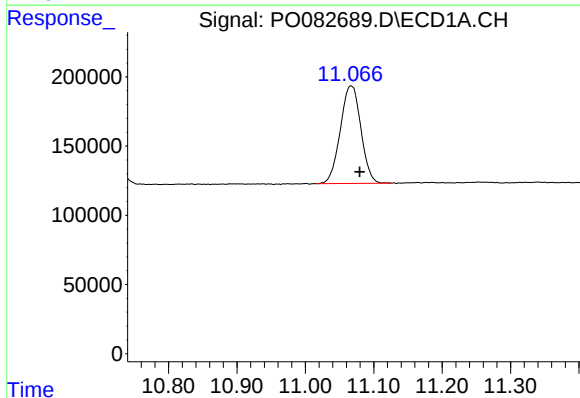
R.T.: 4.963 min
Delta R.T.: -0.007 min
Response: 1976014
Conc: 22.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



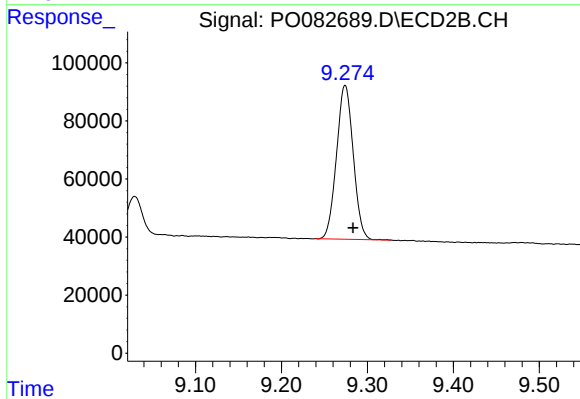
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.006 min
Response: 709595
Conc: 22.93 ng/ml



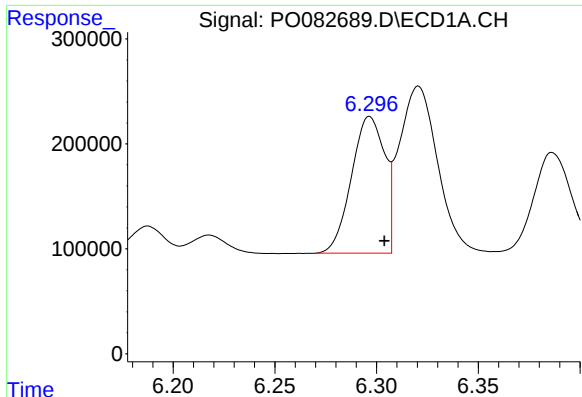
#2 Decachlorobiphenyl

R.T.: 11.067 min
Delta R.T.: -0.013 min
Response: 1471081
Conc: 23.29 ng/ml



#2 Decachlorobiphenyl

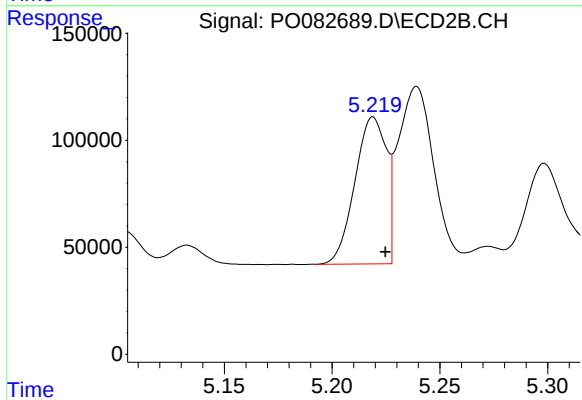
R.T.: 9.274 min
Delta R.T.: -0.009 min
Response: 715916
Conc: 24.86 ng/ml



#3 AR-1016-1

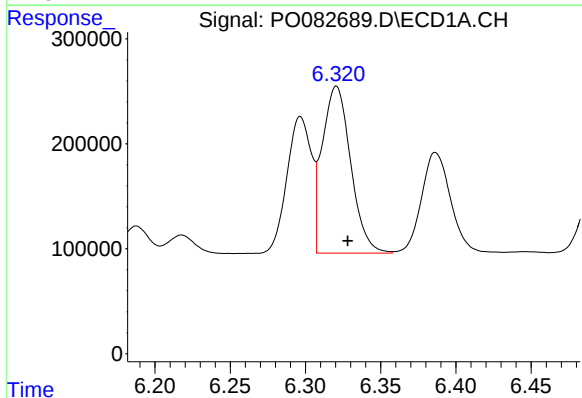
R.T.: 6.297 min
Delta R.T.: -0.007 min
Response: 1477522
Conc: 509.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



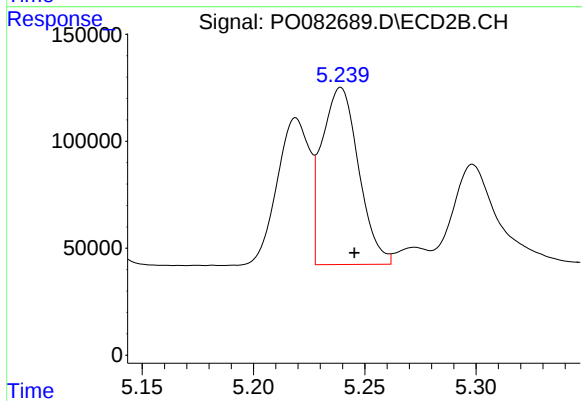
#3 AR-1016-1

R.T.: 5.219 min
Delta R.T.: -0.006 min
Response: 698788
Conc: 520.85 ng/ml



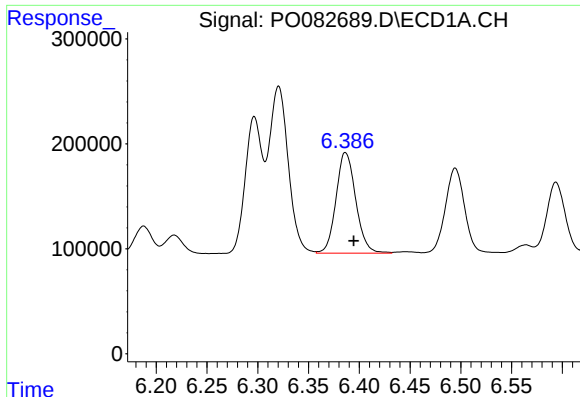
#4 AR-1016-2

R.T.: 6.321 min
Delta R.T.: -0.008 min
Response: 2091368
Conc: 506.73 ng/ml



#4 AR-1016-2

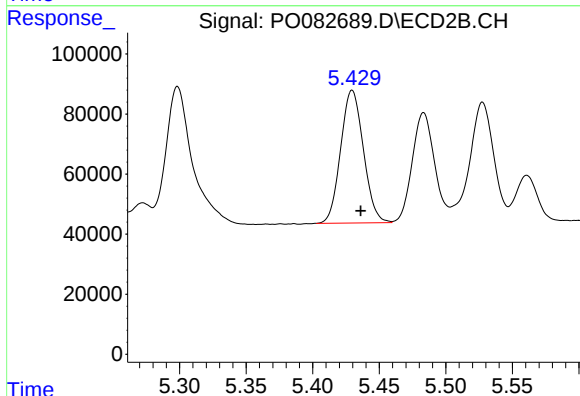
R.T.: 5.239 min
Delta R.T.: -0.006 min
Response: 952791
Conc: 517.43 ng/ml



#5 AR-1016-3

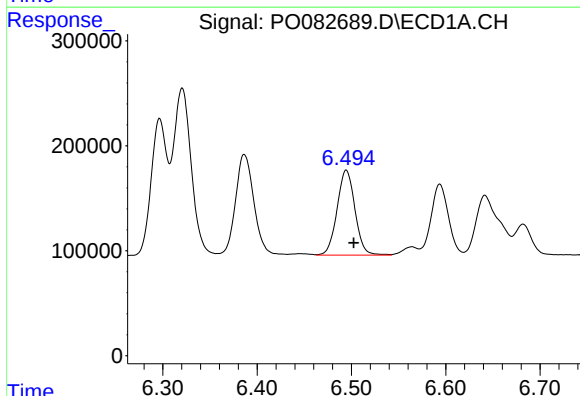
R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 1296885
Conc: 506.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



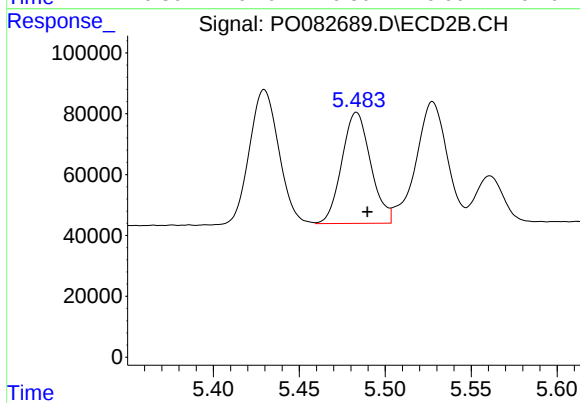
#5 AR-1016-3

R.T.: 5.430 min
Delta R.T.: -0.006 min
Response: 525647
Conc: 527.28 ng/ml



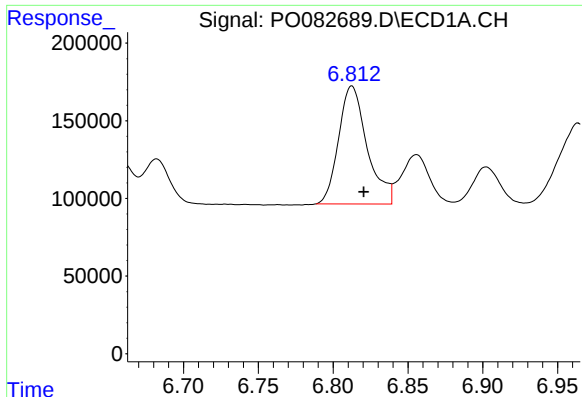
#6 AR-1016-4

R.T.: 6.495 min
Delta R.T.: -0.008 min
Response: 1066848
Conc: 516.82 ng/ml



#6 AR-1016-4

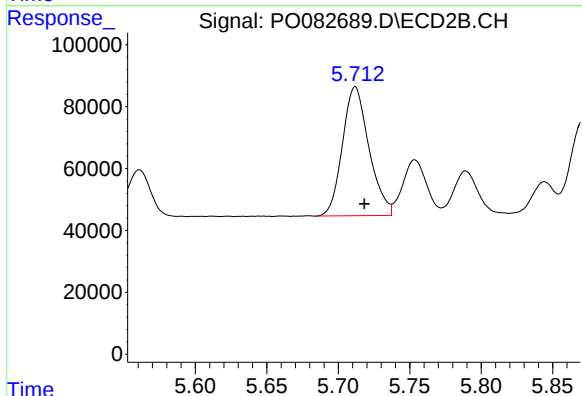
R.T.: 5.483 min
Delta R.T.: -0.006 min
Response: 427008
Conc: 523.50 ng/ml



#7 AR-1016-5

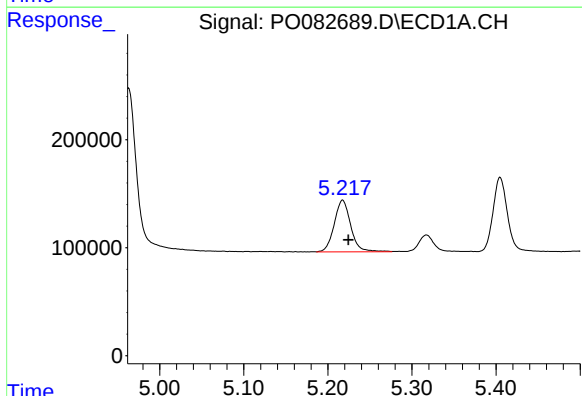
R.T.: 6.813 min
Delta R.T.: -0.008 min
Response: 1009003
Conc: 494.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



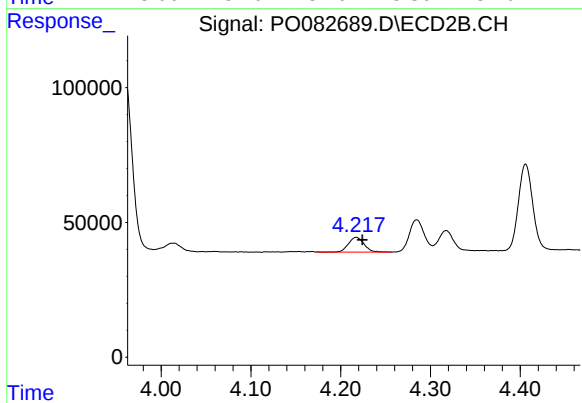
#7 AR-1016-5

R.T.: 5.712 min
Delta R.T.: -0.006 min
Response: 539278
Conc: 529.00 ng/ml



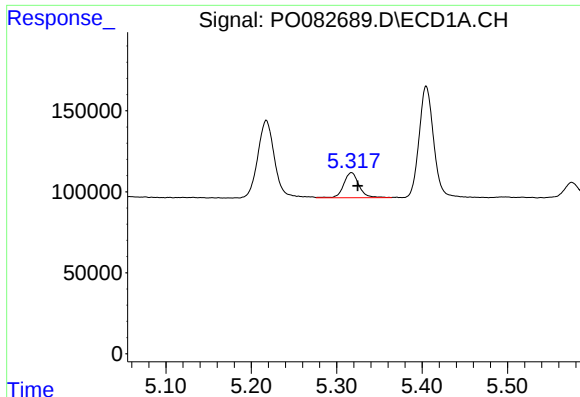
#8 AR-1221-1

R.T.: 5.218 min
Delta R.T.: -0.007 min
Response: 651160
Conc: 690.47 ng/ml



#8 AR-1221-1

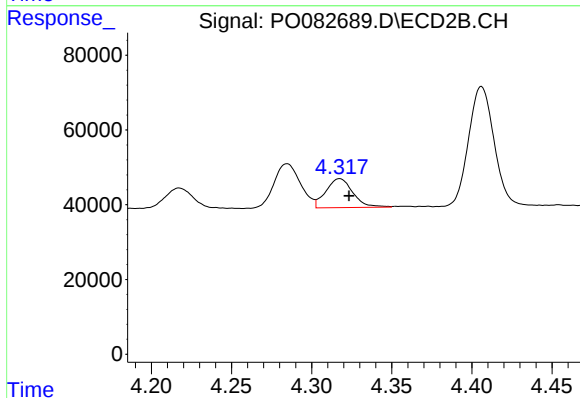
R.T.: 4.217 min
Delta R.T.: -0.007 min
Response: 67368
Conc: 176.38 ng/ml



#9 AR-1221-2

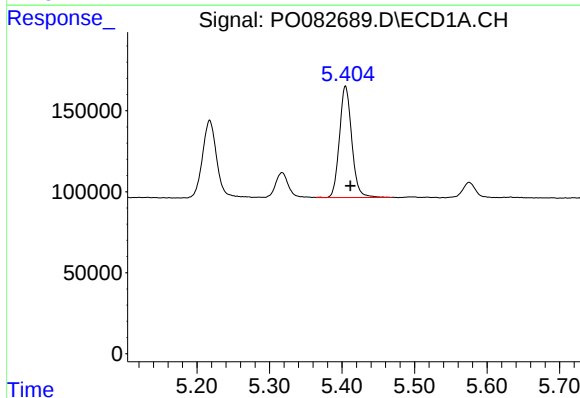
R.T.: 5.317 min
Delta R.T.: -0.008 min
Response: 193201
Conc: 298.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



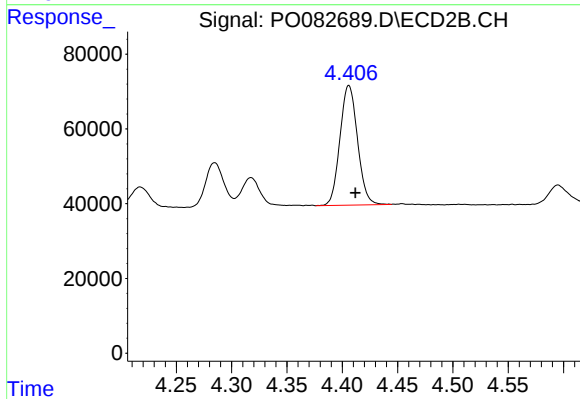
#9 AR-1221-2

R.T.: 4.318 min
Delta R.T.: -0.006 min
Response: 90742
Conc: 312.57 ng/ml



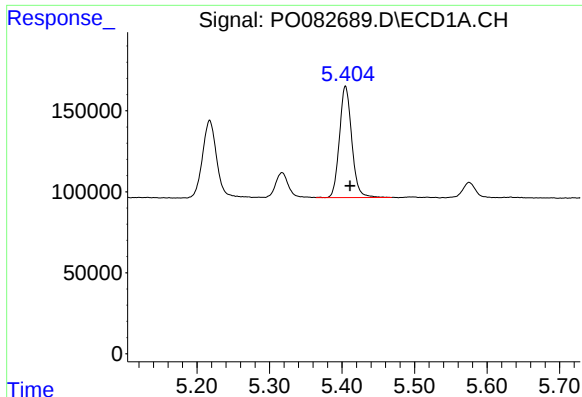
#10 AR-1221-3

R.T.: 5.405 min
Delta R.T.: -0.007 min
Response: 812123
Conc: 393.68 ng/ml



#10 AR-1221-3

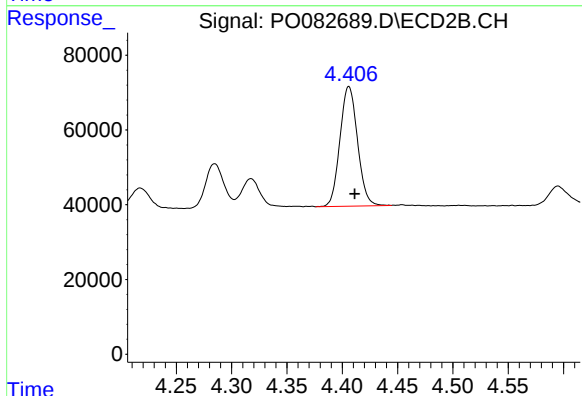
R.T.: 4.406 min
Delta R.T.: -0.006 min
Response: 353832
Conc: 382.39 ng/ml



#11 AR-1232-1

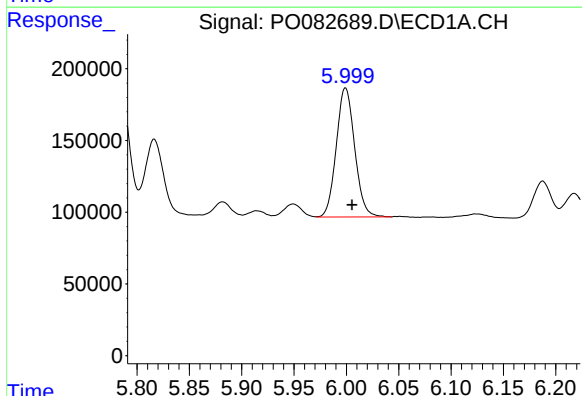
R.T.: 5.405 min
Delta R.T.: -0.007 min
Response: 812123
Conc: 468.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



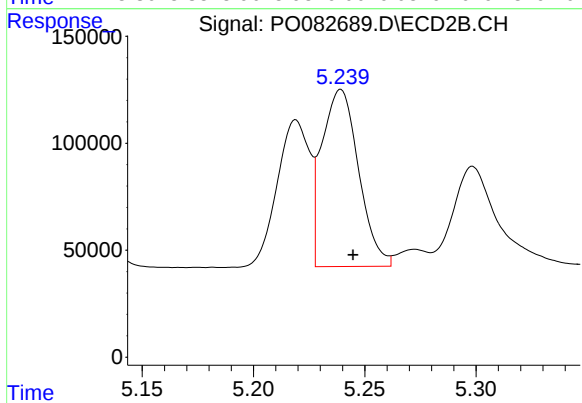
#11 AR-1232-1

R.T.: 4.406 min
Delta R.T.: -0.005 min
Response: 353832
Conc: 448.21 ng/ml



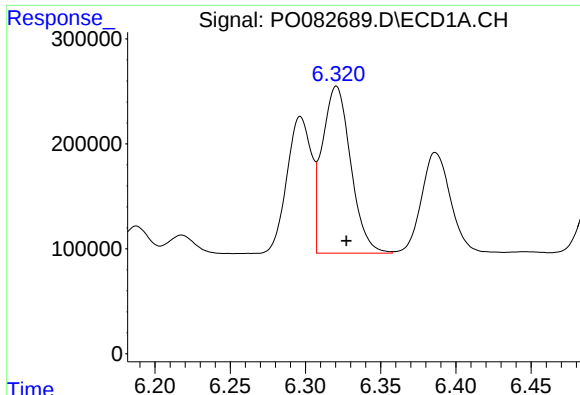
#12 AR-1232-2

R.T.: 5.999 min
Delta R.T.: -0.006 min
Response: 1100652
Conc: 1244.69 ng/ml



#12 AR-1232-2

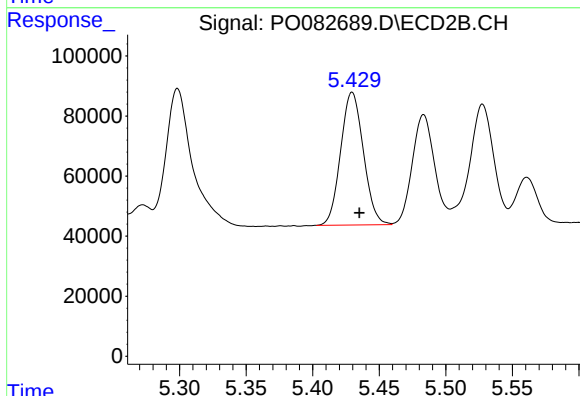
R.T.: 5.239 min
Delta R.T.: -0.005 min
Response: 952791
Conc: 1269.32 ng/ml



#13 AR-1232-3

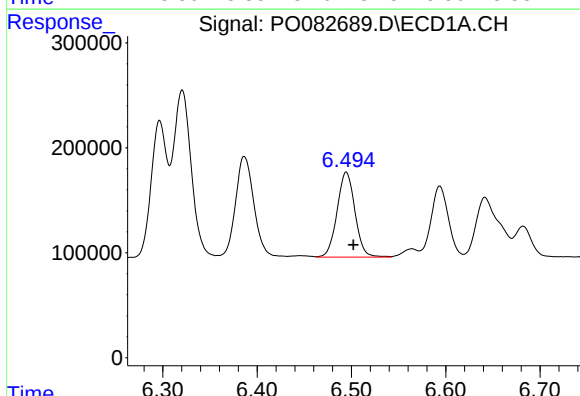
R.T.: 6.321 min
Delta R.T.: -0.007 min
Response: 2091368
Conc: 1324.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



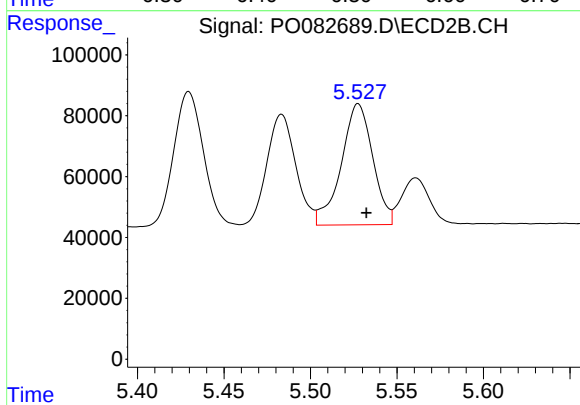
#13 AR-1232-3

R.T.: 5.430 min
Delta R.T.: -0.005 min
Response: 525647
Conc: 1325.54 ng/ml



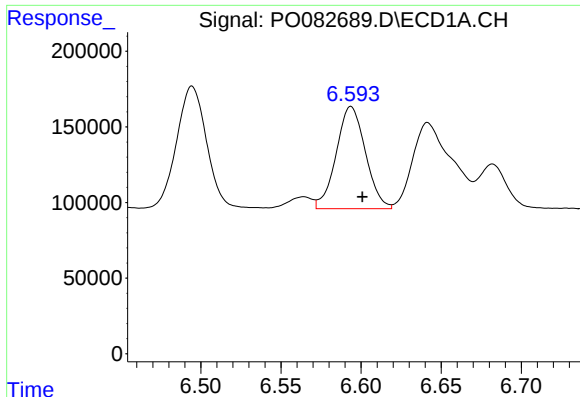
#14 AR-1232-4

R.T.: 6.495 min
Delta R.T.: -0.008 min
Response: 1066848
Conc: 1389.25 ng/ml



#14 AR-1232-4

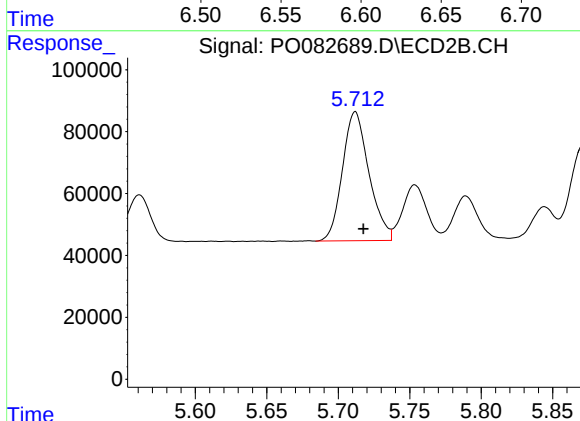
R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 503674
Conc: 1458.49 ng/ml



#15 AR-1232-5

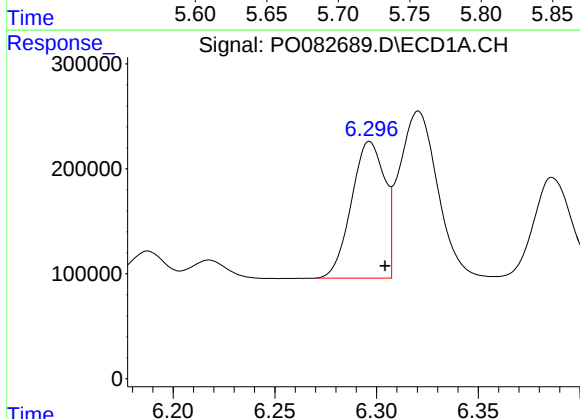
R.T.: 6.594 min
Delta R.T.: -0.007 min
Response: 859227
Conc: 1554.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



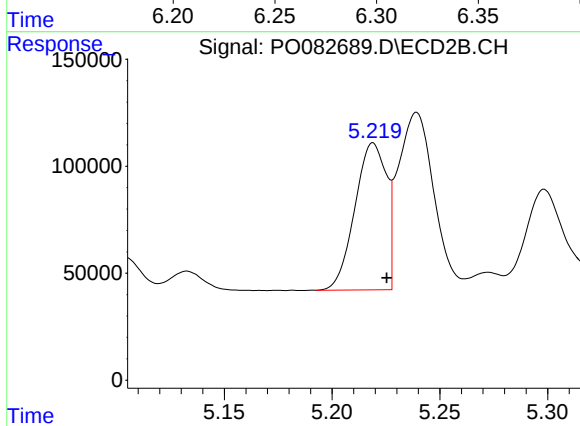
#15 AR-1232-5

R.T.: 5.712 min
Delta R.T.: -0.006 min
Response: 539278
Conc: 1438.44 ng/ml



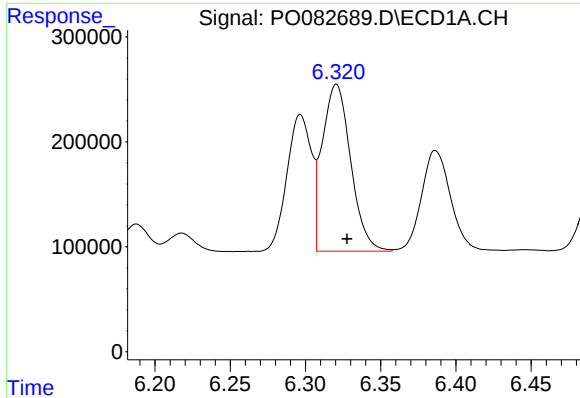
#16 AR-1242-1

R.T.: 6.297 min
Delta R.T.: -0.008 min
Response: 1477522
Conc: 710.85 ng/ml



#16 AR-1242-1

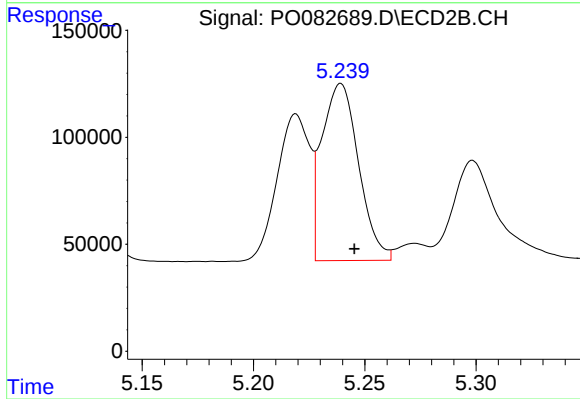
R.T.: 5.219 min
Delta R.T.: -0.006 min
Response: 698788
Conc: 716.05 ng/ml



#17 AR-1242-2

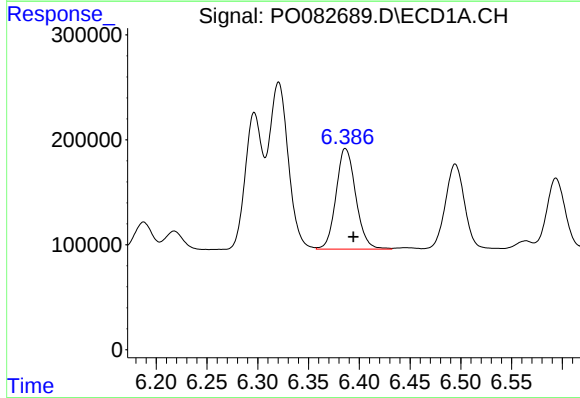
R.T.: 6.321 min
Delta R.T.: -0.007 min
Response: 2091368
Conc: 716.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



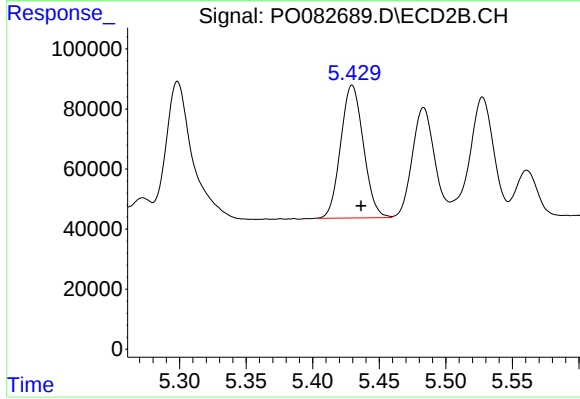
#17 AR-1242-2

R.T.: 5.239 min
Delta R.T.: -0.006 min
Response: 952791
Conc: 707.80 ng/ml



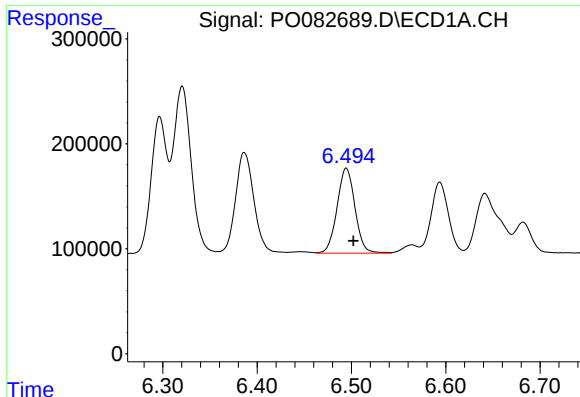
#18 AR-1242-3

R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 1296885
Conc: 703.06 ng/ml



#18 AR-1242-3

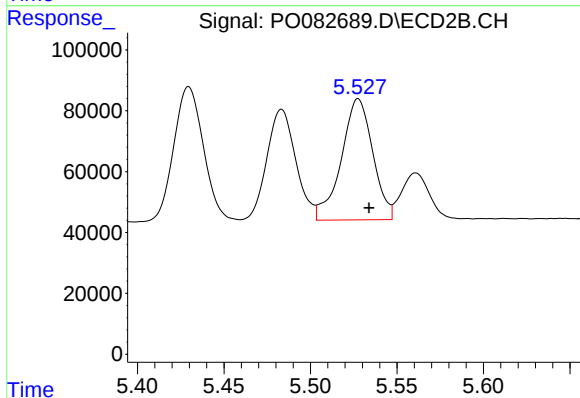
R.T.: 5.430 min
Delta R.T.: -0.007 min
Response: 525647
Conc: 721.12 ng/ml



#19 AR-1242-4

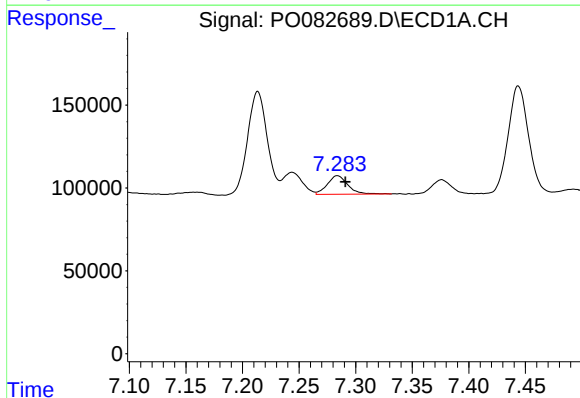
R.T.: 6.495 min
Delta R.T.: -0.008 min
Response: 1066848
Conc: 713.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



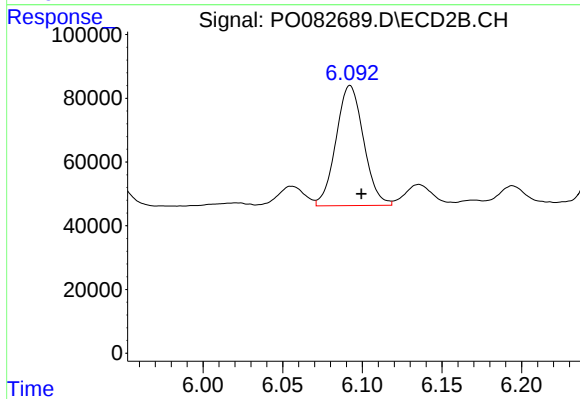
#19 AR-1242-4

R.T.: 5.528 min
Delta R.T.: -0.006 min
Response: 503674
Conc: 705.51 ng/ml



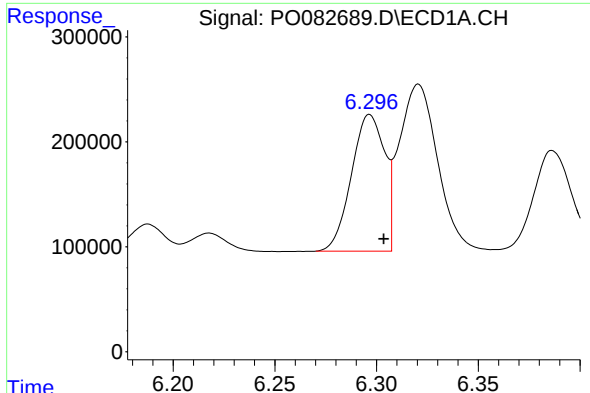
#20 AR-1242-5

R.T.: 7.284 min
Delta R.T.: -0.007 min
Response: 141558
Conc: 94.63 ng/ml



#20 AR-1242-5

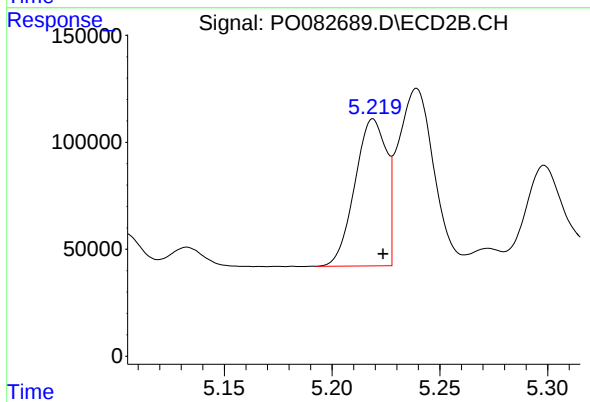
R.T.: 6.092 min
Delta R.T.: -0.007 min
Response: 453774
Conc: 491.53 ng/ml



#21 AR-1248-1

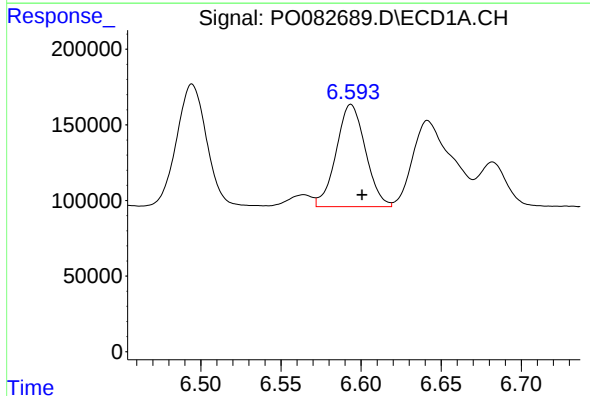
R.T.: 6.297 min
Delta R.T.: -0.007 min
Response: 1477522
Conc: 968.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



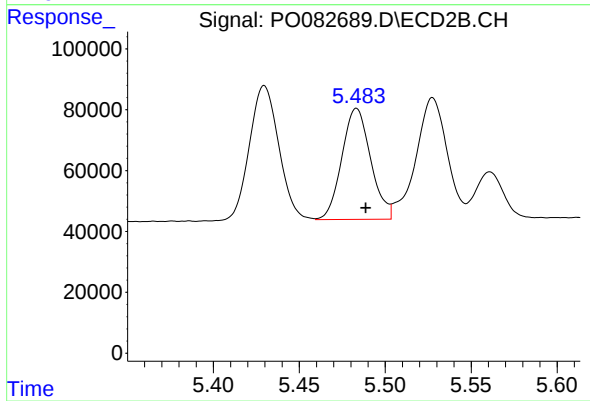
#21 AR-1248-1

R.T.: 5.219 min
Delta R.T.: -0.005 min
Response: 698788
Conc: 947.55 ng/ml



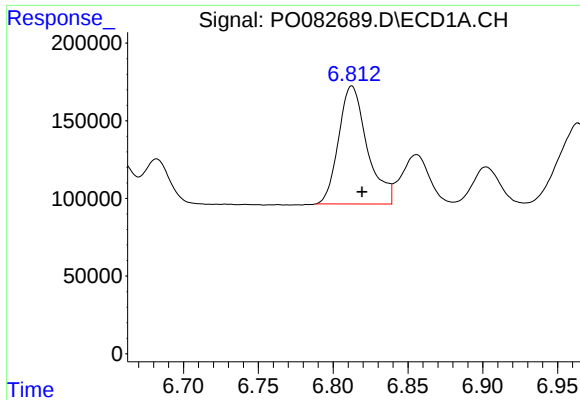
#22 AR-1248-2

R.T.: 6.594 min
Delta R.T.: -0.007 min
Response: 859227
Conc: 408.52 ng/ml



#22 AR-1248-2

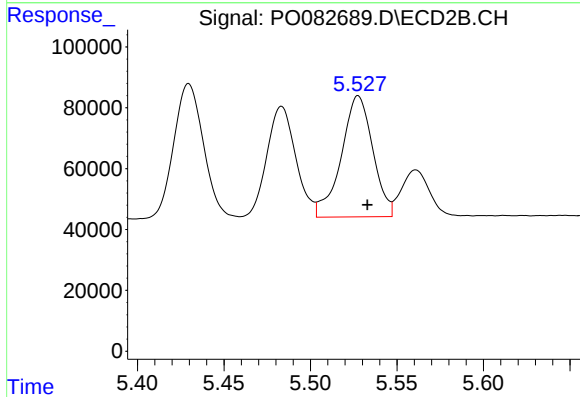
R.T.: 5.483 min
Delta R.T.: -0.005 min
Response: 427008
Conc: 419.33 ng/ml



#23 AR-1248-3

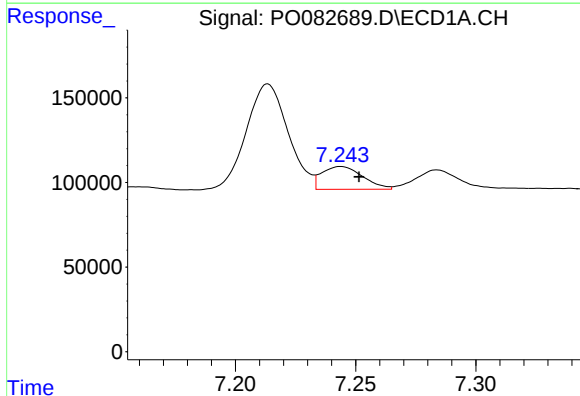
R.T.: 6.813 min
Delta R.T.: -0.007 min
Response: 1009003
Conc: 415.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



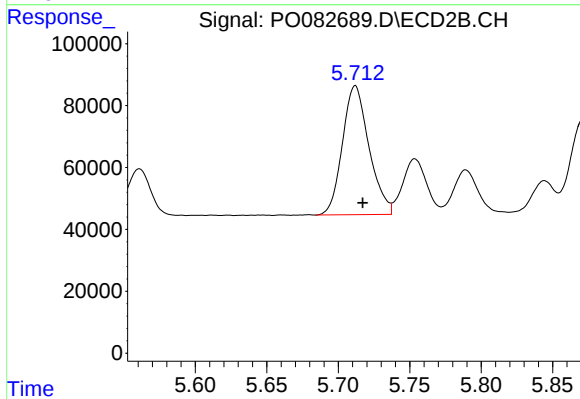
#23 AR-1248-3

R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 503674
Conc: 484.04 ng/ml



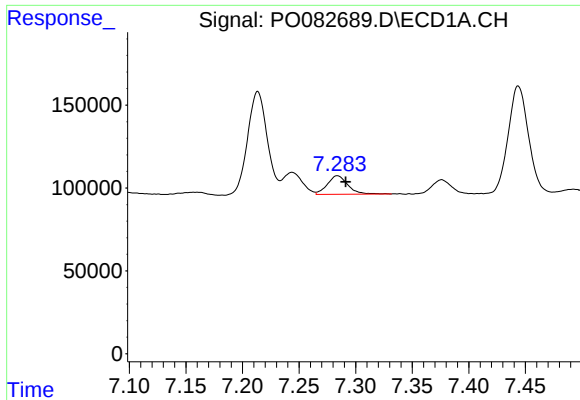
#24 AR-1248-4

R.T.: 7.244 min
Delta R.T.: -0.008 min
Response: 159285
Conc: 62.01 ng/ml



#24 AR-1248-4

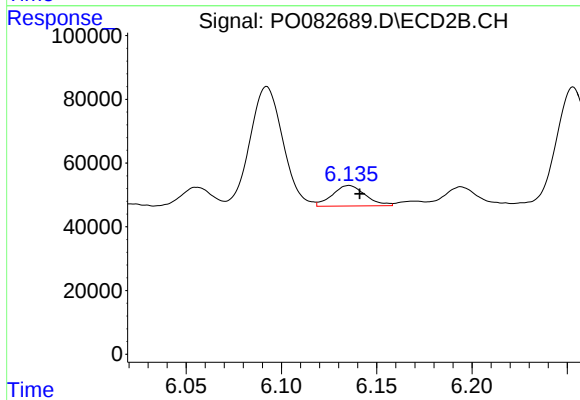
R.T.: 5.712 min
Delta R.T.: -0.005 min
Response: 539278
Conc: 439.92 ng/ml



#25 AR-1248-5

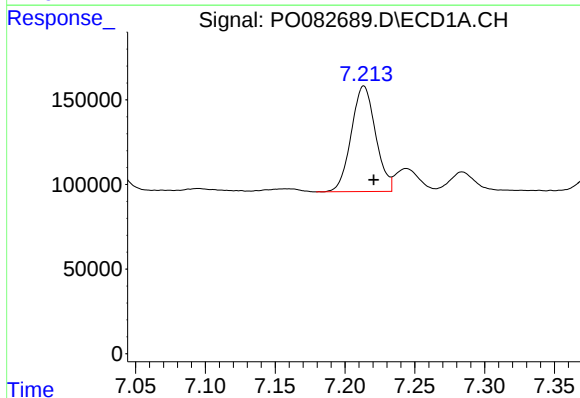
R.T.: 7.284 min
Delta R.T.: -0.007 min
Response: 141558
Conc: 56.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



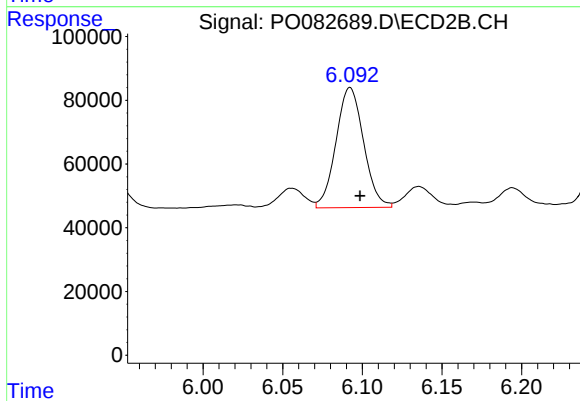
#25 AR-1248-5

R.T.: 6.135 min
Delta R.T.: -0.006 min
Response: 77750
Conc: 62.92 ng/ml



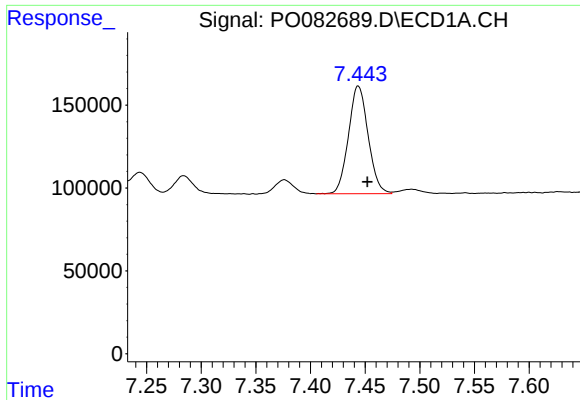
#26 AR-1254-1

R.T.: 7.213 min
Delta R.T.: -0.007 min
Response: 757384
Conc: 278.00 ng/ml



#26 AR-1254-1

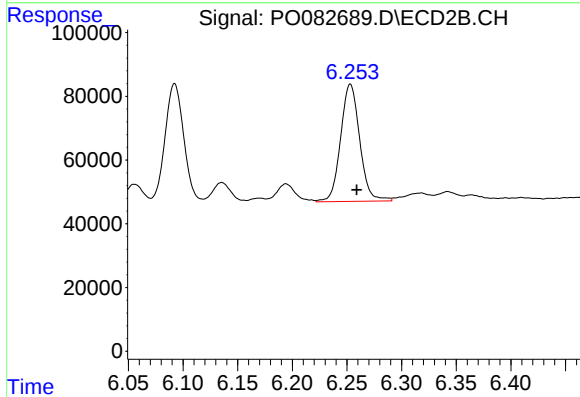
R.T.: 6.092 min
Delta R.T.: -0.006 min
Response: 453774
Conc: 233.62 ng/ml



#27 AR-1254-2

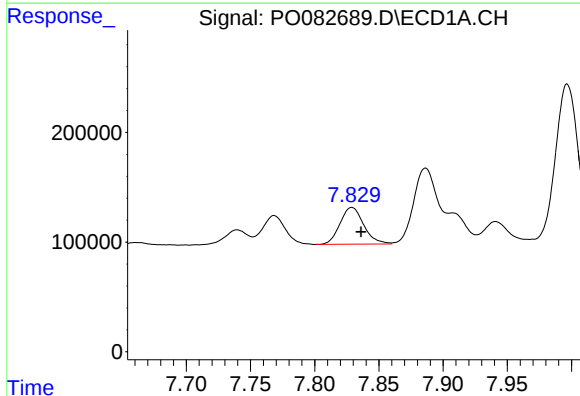
R.T.: 7.444 min
Delta R.T.: -0.008 min
Response: 814864
Conc: 195.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



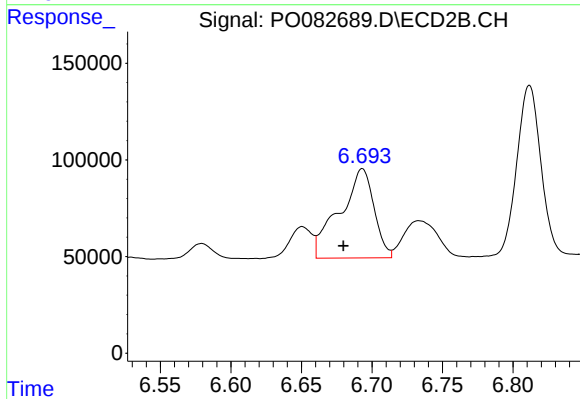
#27 AR-1254-2

R.T.: 6.253 min
Delta R.T.: -0.006 min
Response: 447869
Conc: 261.70 ng/ml



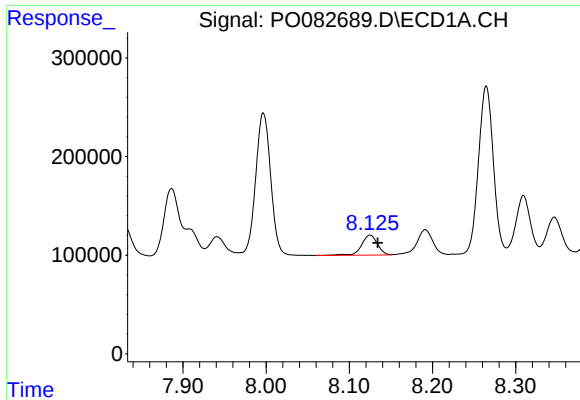
#28 AR-1254-3

R.T.: 7.829 min
Delta R.T.: -0.007 min
Response: 432649
Conc: 101.16 ng/ml



#28 AR-1254-3

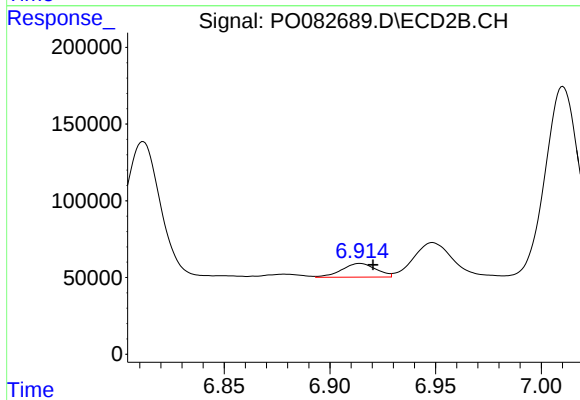
R.T.: 6.693 min
Delta R.T.: 0.013 min
Response: 785639
Conc: 305.59 ng/ml



#29 AR-1254-4

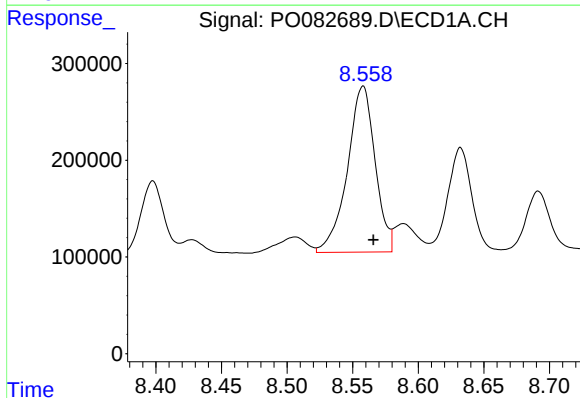
R.T.: 8.125 min
Delta R.T.: -0.009 min
Response: 269085
Conc: 87.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



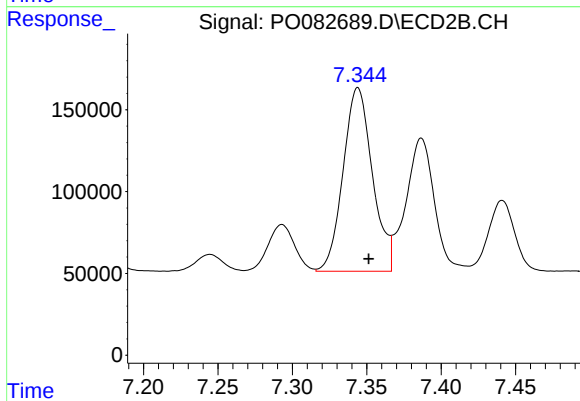
#29 AR-1254-4

R.T.: 6.914 min
Delta R.T.: -0.006 min
Response: 100813
Conc: 55.46 ng/ml



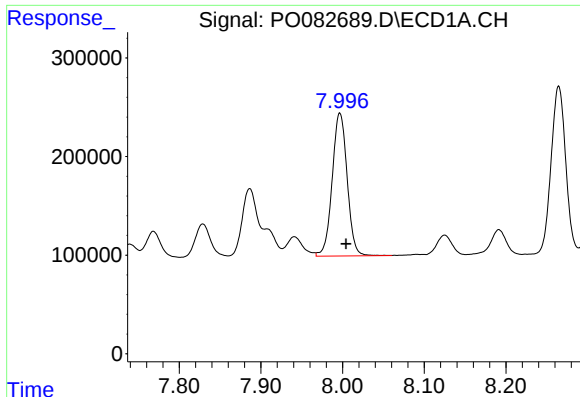
#30 AR-1254-5

R.T.: 8.558 min
Delta R.T.: -0.008 min
Response: 2528450
Conc: 786.23 ng/ml



#30 AR-1254-5

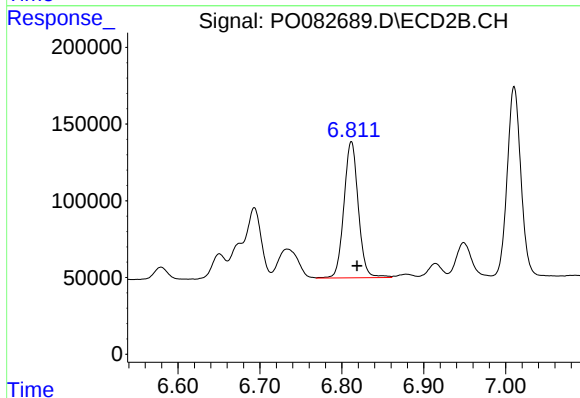
R.T.: 7.344 min
Delta R.T.: -0.007 min
Response: 1539529
Conc: 662.36 ng/ml



#31 AR-1260-1

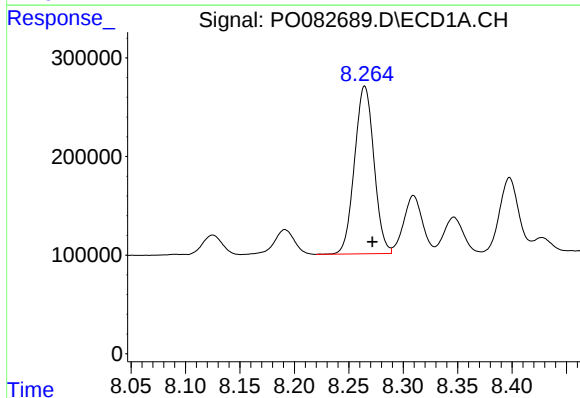
R.T.: 7.997 min
Delta R.T.: -0.008 min
Response: 1842464
Conc: 580.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



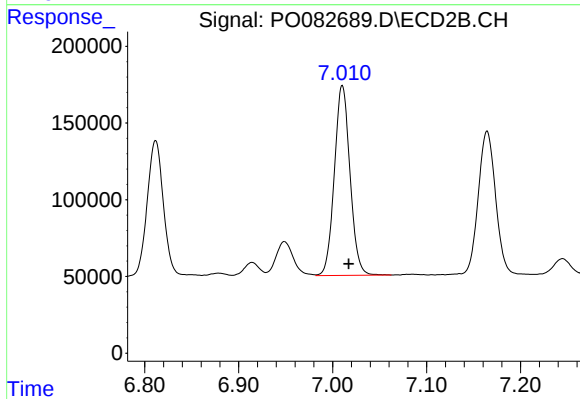
#31 AR-1260-1

R.T.: 6.812 min
Delta R.T.: -0.007 min
Response: 1082467
Conc: 596.72 ng/ml



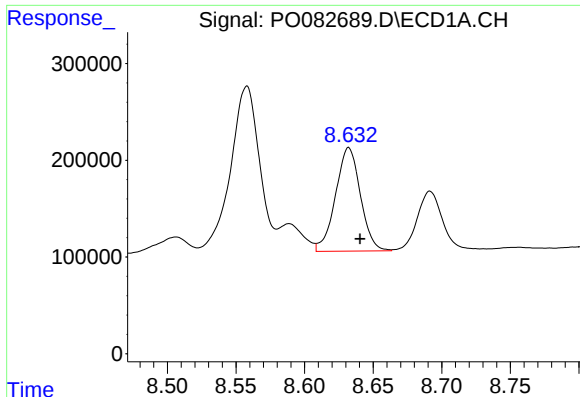
#32 AR-1260-2

R.T.: 8.265 min
Delta R.T.: -0.007 min
Response: 2114072
Conc: 562.41 ng/ml



#32 AR-1260-2

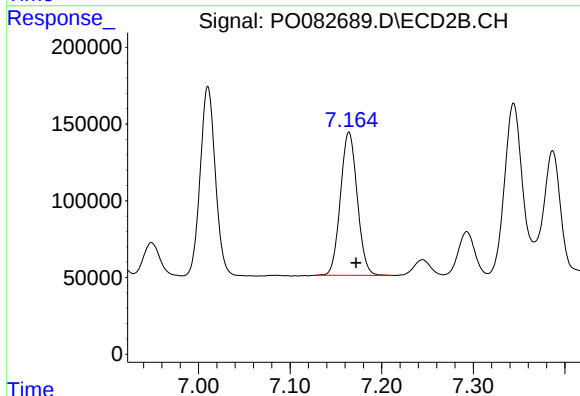
R.T.: 7.010 min
Delta R.T.: -0.007 min
Response: 1432198
Conc: 598.46 ng/ml



#33 AR-1260-3

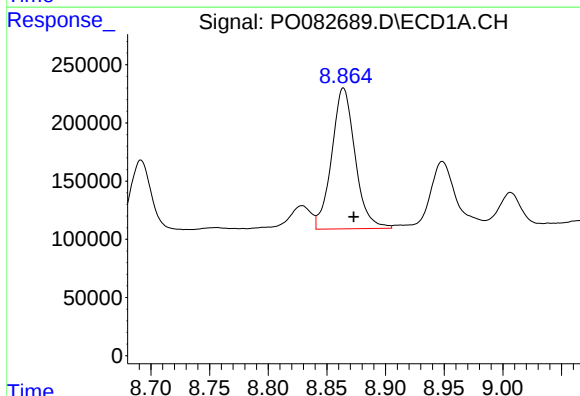
R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 1354558
Conc: 478.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



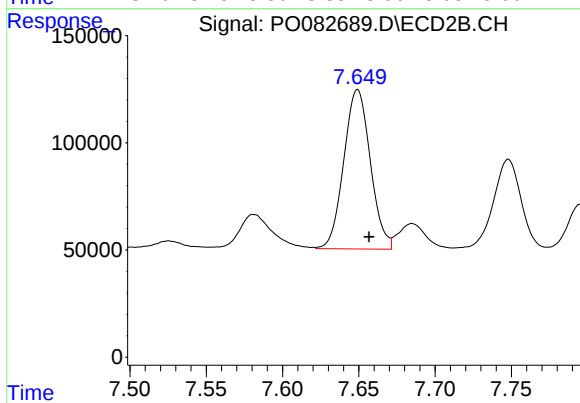
#33 AR-1260-3

R.T.: 7.164 min
Delta R.T.: -0.008 min
Response: 1188482
Conc: 558.87 ng/ml



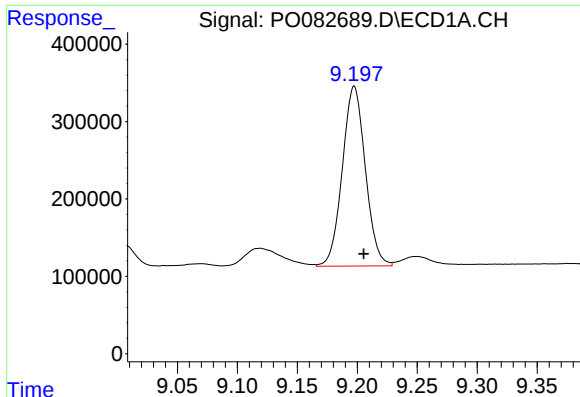
#34 AR-1260-4

R.T.: 8.864 min
Delta R.T.: -0.009 min
Response: 1678829
Conc: 503.64 ng/ml



#34 AR-1260-4

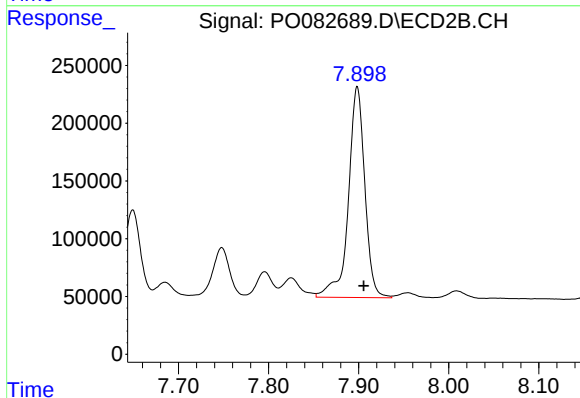
R.T.: 7.649 min
Delta R.T.: -0.008 min
Response: 901959
Conc: 540.76 ng/ml



#35 AR-1260-5

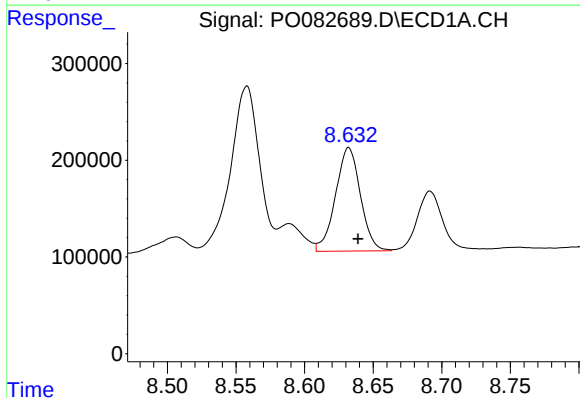
R.T.: 9.197 min
Delta R.T.: -0.008 min
Response: 3103594
Conc: 494.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



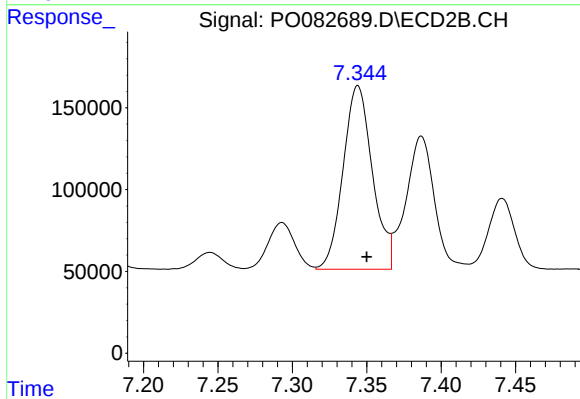
#35 AR-1260-5

R.T.: 7.898 min
Delta R.T.: -0.007 min
Response: 2316184
Conc: 556.25 ng/ml



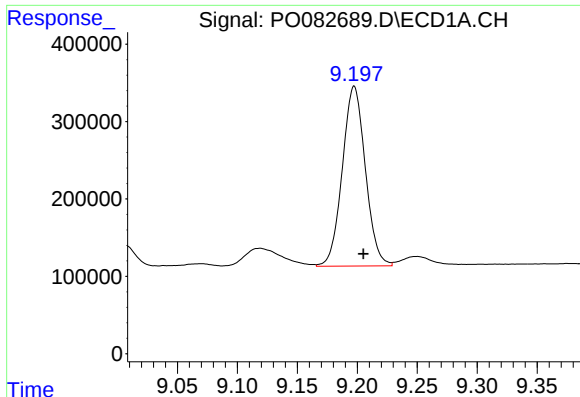
#36 AR-1262-1

R.T.: 8.632 min
Delta R.T.: -0.007 min
Response: 1354558
Conc: 365.07 ng/ml



#36 AR-1262-1

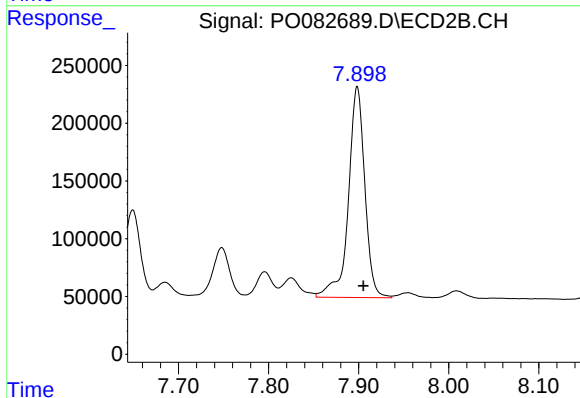
R.T.: 7.344 min
Delta R.T.: -0.006 min
Response: 1539529
Conc: 1288.17 ng/ml



#37 AR-1262-2

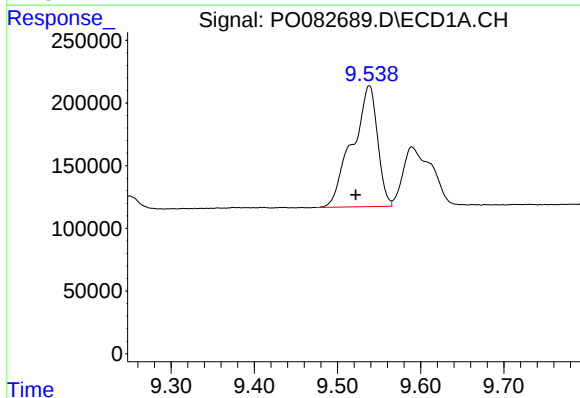
R.T.: 9.197 min
Delta R.T.: -0.008 min
Response: 3103594
Conc: 485.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



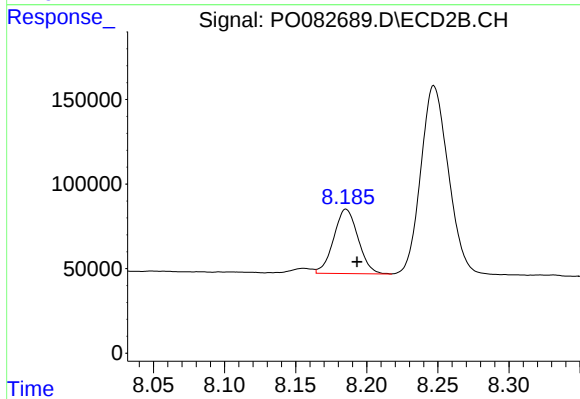
#37 AR-1262-2

R.T.: 7.898 min
Delta R.T.: -0.007 min
Response: 2316184
Conc: 567.55 ng/ml



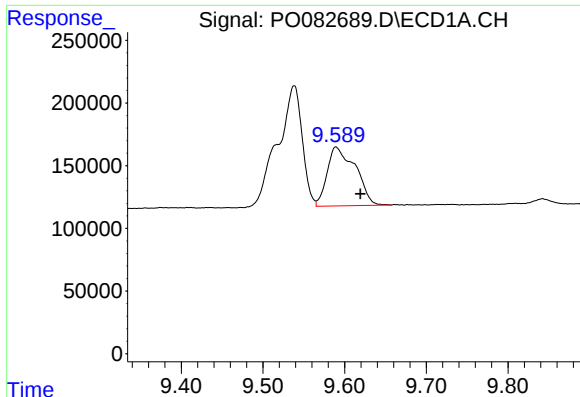
#38 AR-1262-3

R.T.: 9.538 min
Delta R.T.: 0.016 min
Response: 2025660
Conc: 706.40 ng/ml



#38 AR-1262-3

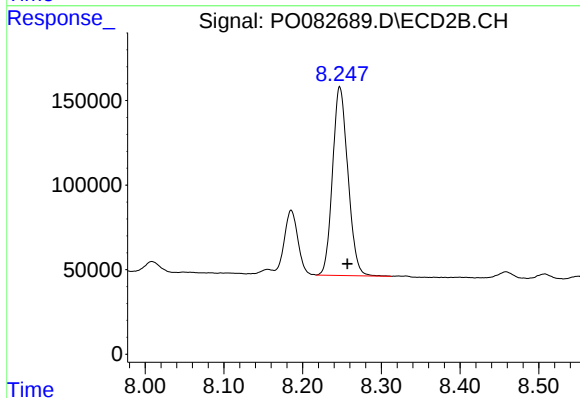
R.T.: 8.185 min
Delta R.T.: -0.008 min
Response: 454267
Conc: 278.57 ng/ml



#39 AR-1262-4

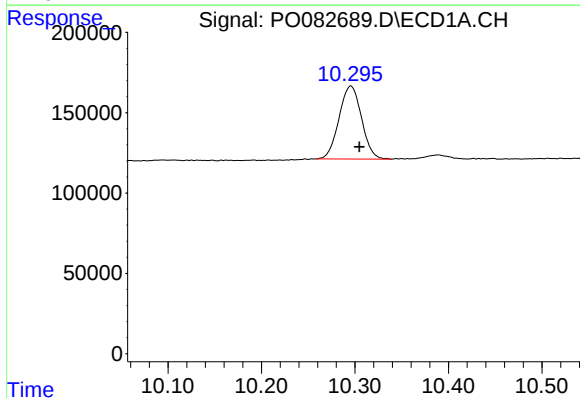
R.T.: 9.589 min
Delta R.T.: -0.030 min
Response: 1127357
Conc: 668.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



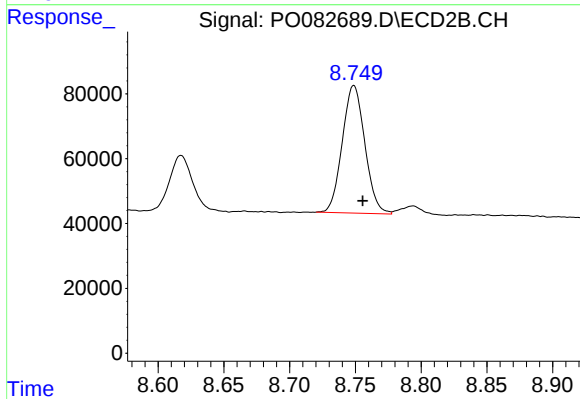
#39 AR-1262-4

R.T.: 8.247 min
Delta R.T.: -0.010 min
Response: 1510729
Conc: 518.80 ng/ml



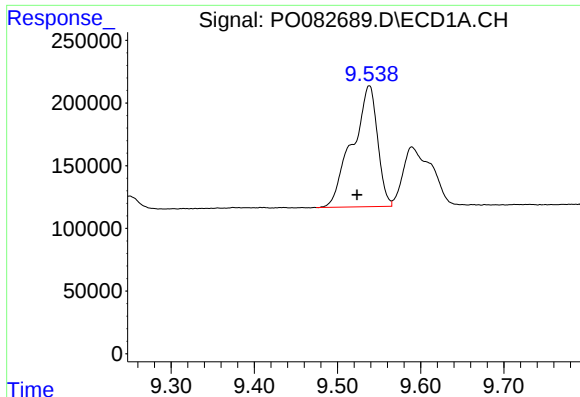
#40 AR-1262-5

R.T.: 10.296 min
Delta R.T.: -0.009 min
Response: 759311
Conc: 312.64 ng/ml



#40 AR-1262-5

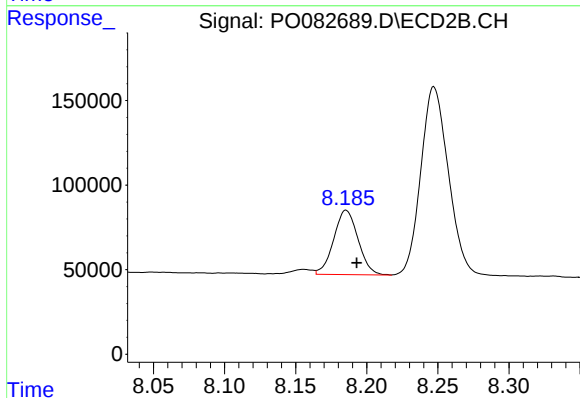
R.T.: 8.749 min
Delta R.T.: -0.007 min
Response: 469995
Conc: 343.04 ng/ml



#41 AR-1268-1

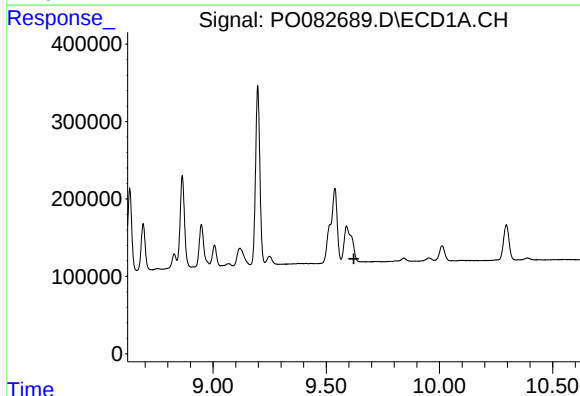
R.T.: 9.538 min
Delta R.T.: 0.015 min
Response: 2025660
Conc: 248.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



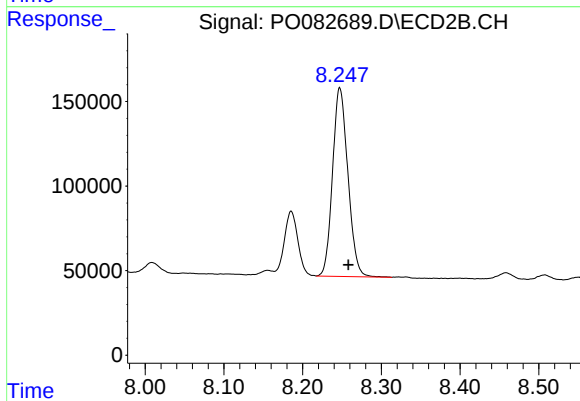
#41 AR-1268-1

R.T.: 8.185 min
Delta R.T.: -0.007 min
Response: 454267
Conc: 86.86 ng/ml



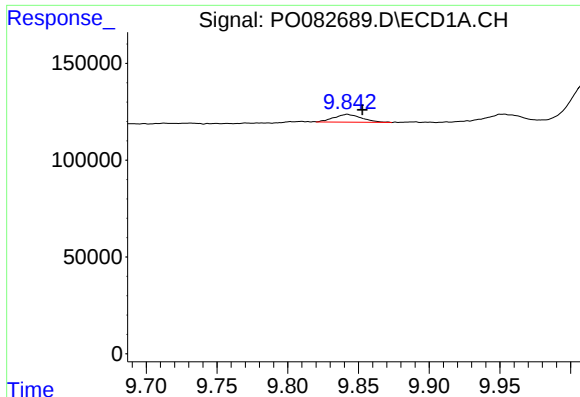
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.622 min
Response: 0
Conc: N.D.



#42 AR-1268-2

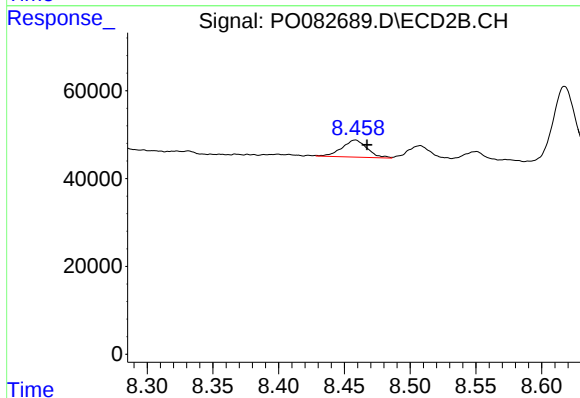
R.T.: 8.247 min
Delta R.T.: -0.011 min
Response: 1510729
Conc: 332.93 ng/ml



#43 AR-1268-3

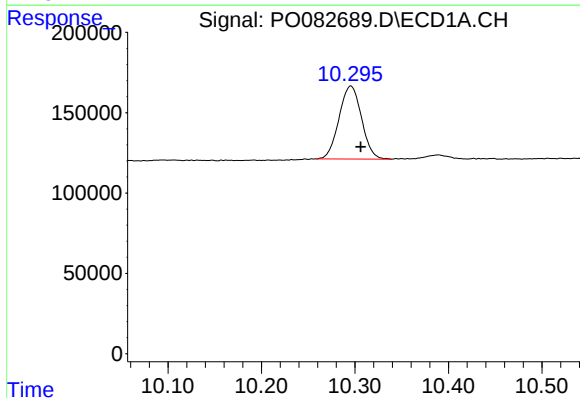
R.T.: 9.842 min
Delta R.T.: -0.011 min
Response: 55907
Conc: 8.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



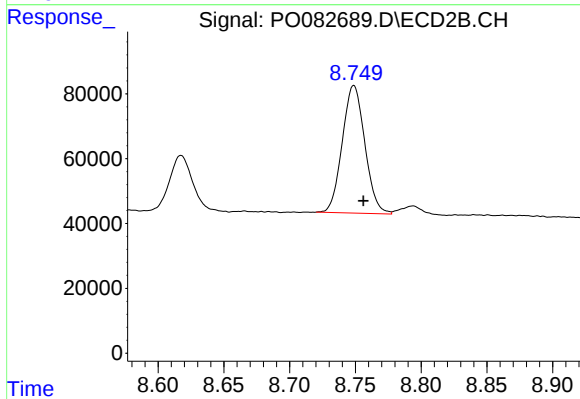
#43 AR-1268-3

R.T.: 8.458 min
Delta R.T.: -0.009 min
Response: 51587
Conc: 13.27 ng/ml



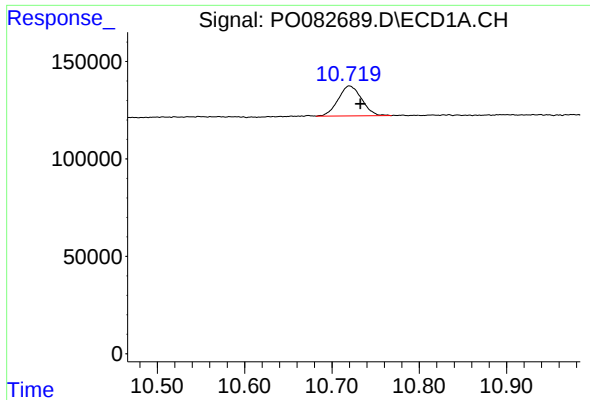
#44 AR-1268-4

R.T.: 10.296 min
Delta R.T.: -0.011 min
Response: 759311
Conc: 269.95 ng/ml



#44 AR-1268-4

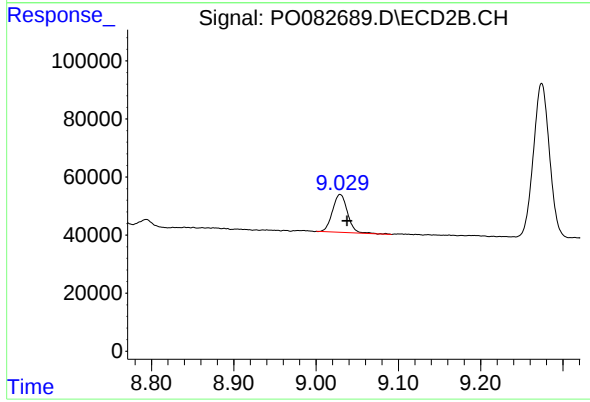
R.T.: 8.749 min
Delta R.T.: -0.007 min
Response: 469995
Conc: 295.82 ng/ml



#45 AR-1268-5

R.T.: 10.720 min
Delta R.T.: -0.012 min
Response: 289002
Conc: 13.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.029 min
Delta R.T.: -0.008 min
Response: 165903
Conc: 15.17 ng/ml