

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072020\
 Data File : P0069805.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jul 2020 9:44
 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: Jul 20 15:46:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 08 16:12:41 2020
 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...	4.391	3.562	1791062	1719618	47.972	43.211
2)	SA Decachlor...	10.046	8.769	2940859	2579366	48.879	45.448
Target Compounds							
3)	L1 AR-1016-1	5.698	4.795	799279	736723	446.165	438.103
4)	L1 AR-1016-2	5.721	4.814	1149962	1032696	453.611	444.108
5)	L1 AR-1016-3	5.784	4.999	670910	517684	437.442	406.388
6)	L1 AR-1016-4	5.891	5.056	575274	467598	443.905	428.192
7)	L1 AR-1016-5	6.201	5.278	604893	577622	459.087	419.921
8)	L2 AR-1221-1	4.644	3.815	63176	60947	157.548	127.506
9)	L2 AR-1221-2	4.741	3.912	90354	89717	294.720	250.729
10)	L2 AR-1221-3	4.829	3.997	368170	331724	362.322	303.322
11)	L3 AR-1232-1	4.829	3.997	368170	331724	452.625	371.021
12)	L3 AR-1232-2	5.405	4.814	518607	1032696	1210.015	1068.251
13)	L3 AR-1232-3	5.721	4.999	1149962	517684	1150.386	990.831
14)	L3 AR-1232-4	5.891	5.098	575274	499155	1175.745	1138.496
15)	L3 AR-1232-5	5.990	5.278	446559	577622	1407.138	1104.148
16)	L4 AR-1242-1	5.698	4.795	799279	736723	613.234	587.558
17)	L4 AR-1242-2	5.721	4.814	1149962	1032696	610.679	591.079
18)	L4 AR-1242-3	5.784	4.999	670910	517684	590.790	537.757
19)	L4 AR-1242-4	5.891	5.098	575274	499155	599.497	551.752
20)	L4 AR-1242-5	6.664	5.653	106078	441542	89.357	348.370 #
21)	L5 AR-1248-1	5.698	4.795	799279	736723	818.461	752.796
22)	L5 AR-1248-2	5.990	5.056	446559	467598	350.729	343.474
23)	L5 AR-1248-3	6.201	5.098	604893	499155	382.729	395.235
24)	L5 AR-1248-4	6.627	5.278	147662	577622	72.773	355.602 #
25)	L5 AR-1248-5	6.664	5.695	106078	74773	55.271	45.312
26)	L6 AR-1254-1	6.594	5.653	430592	441542	216.315	169.622
27)	L6 AR-1254-2	6.822	5.814	472476	414590	147.178	179.587
28)	L6 AR-1254-3	7.199	6.226	266050	246306	75.753	65.585
29)	L6 AR-1254-4	7.492	6.466	225501	146643	75.346	58.027
30)	L6 AR-1254-5	7.915	6.889	1813494	1625175	602.731	452.827
31)	L7 AR-1260-1	7.363	6.363	1173500	1143635	446.298	433.594
32)	L7 AR-1260-2	7.629	6.563	1624810	1422059	458.028	434.461
33)	L7 AR-1260-3	7.989	6.712	1382481	1320121	478.204	433.588
34)	L7 AR-1260-4	8.215	7.190	1352212	1169478	456.529	432.054
35)	L7 AR-1260-5	8.530	7.440	3261544	2990995	482.021	466.714
36)	L8 AR-1262-1	7.989	6.889	1382481	1625175	347.404	841.624 #
37)	L8 AR-1262-2	8.530	7.440	3261544	2990995	451.855	458.091
38)	L8 AR-1262-3	8.800	7.723	717806	723452	149.910	268.438 #
39)	L8 AR-1262-4	8.864f	7.784	1290107	2240624	665.549	450.000 #
40)	L8 AR-1262-5	9.442	8.282	972361	896068	372.821	360.607
41)	L9 AR-1268-1	8.800	7.723	717806	723452	78.309	92.417

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

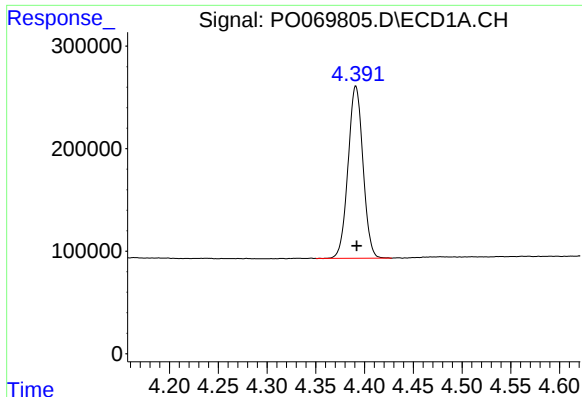
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 15:46:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070820.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	8.864f	7.784	1290107	2240624	155.648	313.681 #
43) L9	AR-1268-3	9.066	7.989	83522	54763	11.803	9.171
44) L9	AR-1268-4	9.442	8.282	972361	896068	320.813	309.840
45) L9	AR-1268-5	9.778	8.552	286498	259763	12.897	13.472

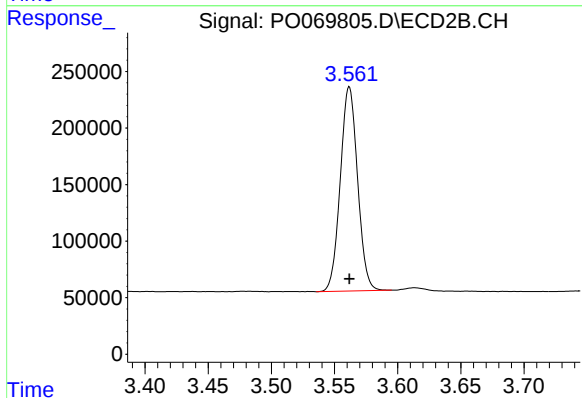
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

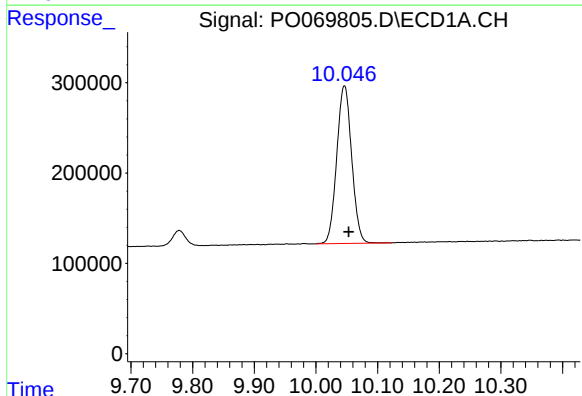
R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 1791062
Conc: 47.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



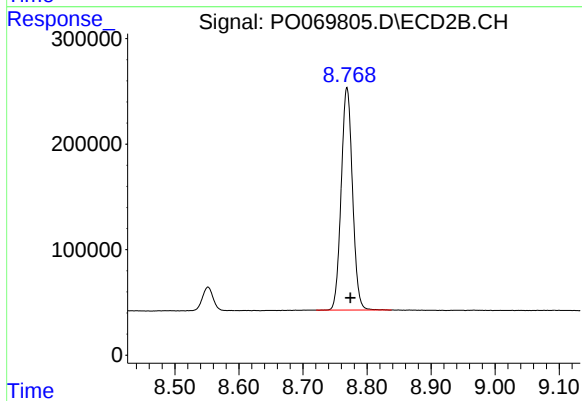
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 1719618
Conc: 43.21 ng/ml



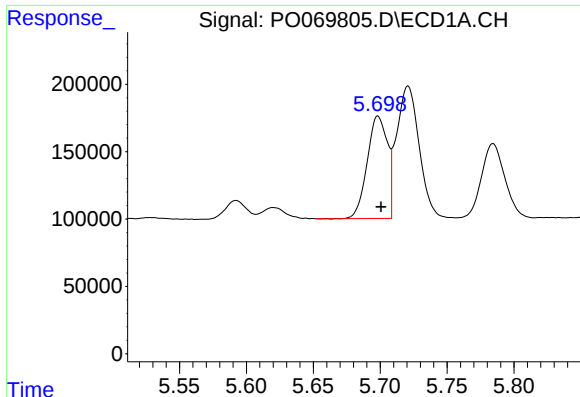
#2 Decachlorobiphenyl

R.T.: 10.046 min
Delta R.T.: -0.007 min
Response: 2940859
Conc: 48.88 ng/ml



#2 Decachlorobiphenyl

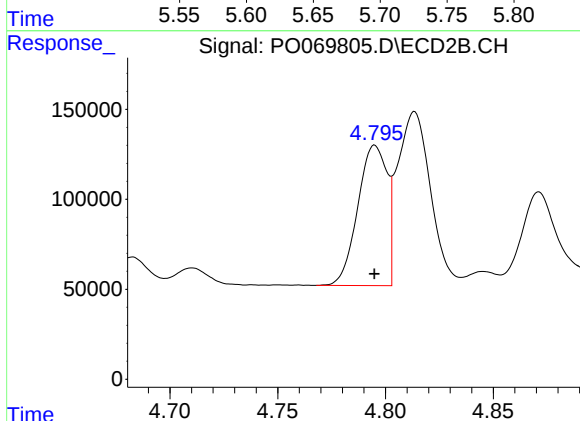
R.T.: 8.769 min
Delta R.T.: -0.005 min
Response: 2579366
Conc: 45.45 ng/ml



#3 AR-1016-1

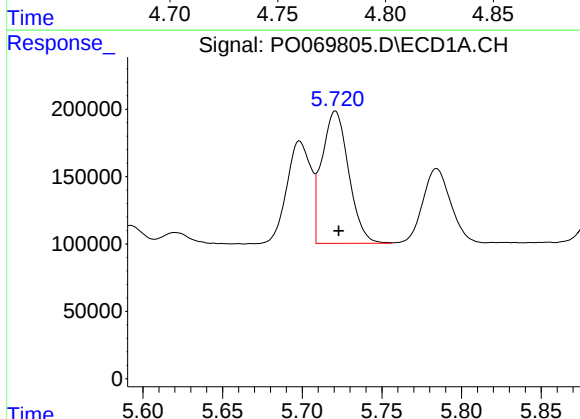
R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 799279
Conc: 446.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



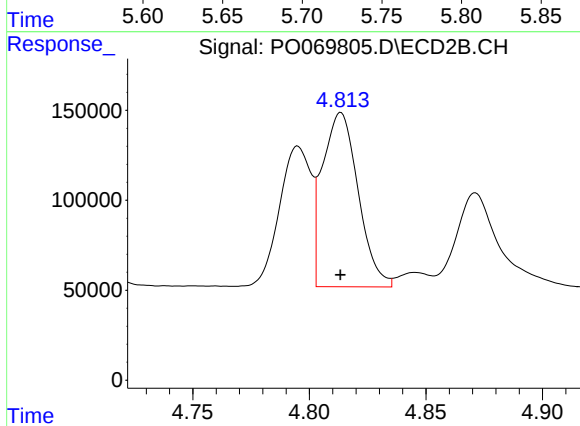
#3 AR-1016-1

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 736723
Conc: 438.10 ng/ml



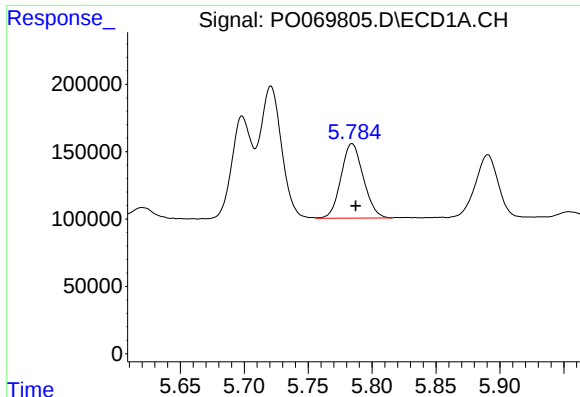
#4 AR-1016-2

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 1149962
Conc: 453.61 ng/ml



#4 AR-1016-2

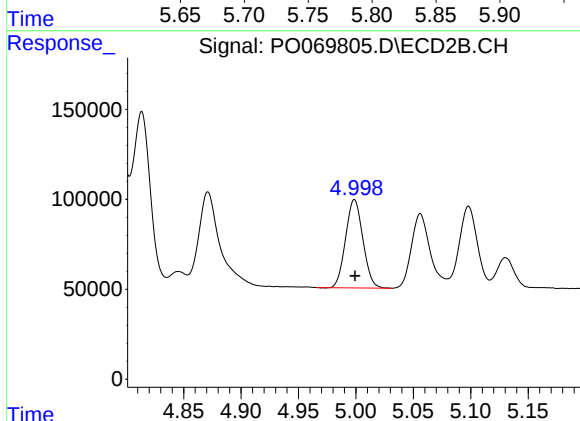
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 1032696
Conc: 444.11 ng/ml



#5 AR-1016-3

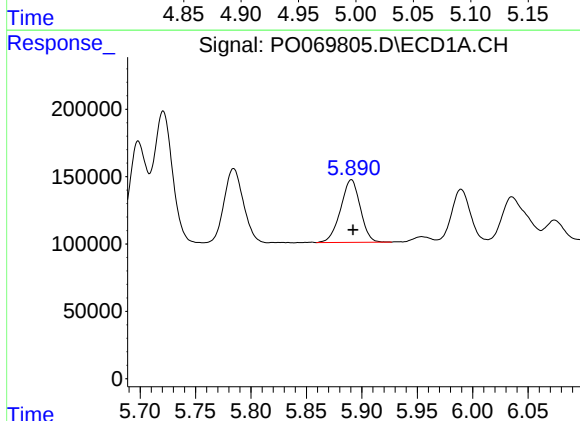
R.T.: 5.784 min
Delta R.T.: -0.003 min
Response: 670910
Conc: 437.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



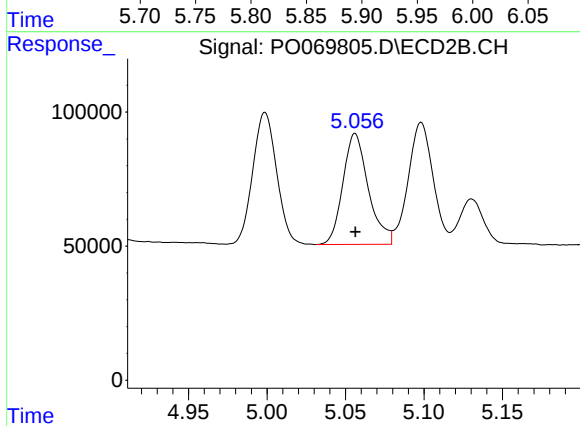
#5 AR-1016-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 517684
Conc: 406.39 ng/ml



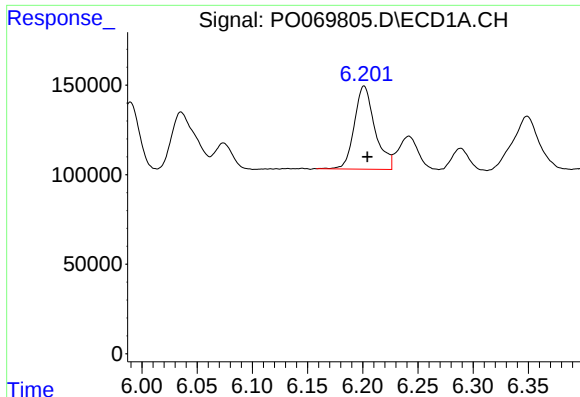
#6 AR-1016-4

R.T.: 5.891 min
Delta R.T.: -0.001 min
Response: 575274
Conc: 443.91 ng/ml



#6 AR-1016-4

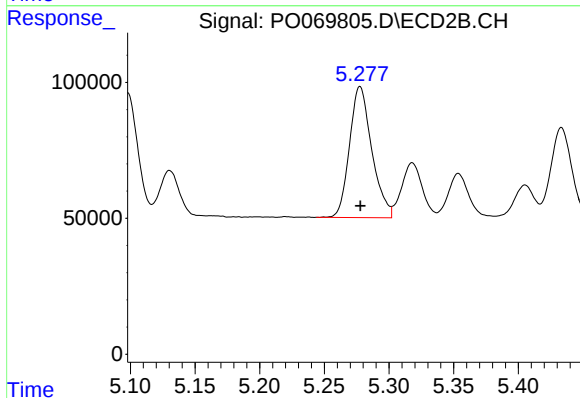
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 467598
Conc: 428.19 ng/ml



#7 AR-1016-5

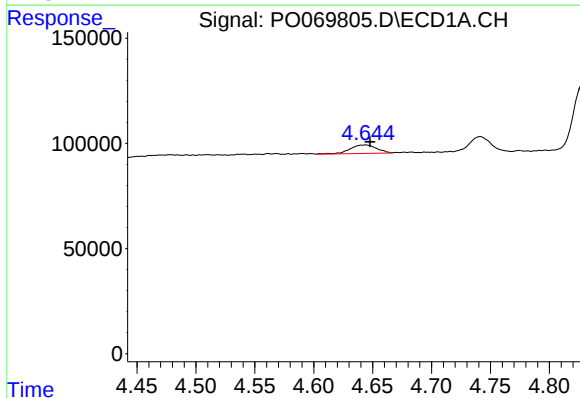
R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 604893
Conc: 459.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



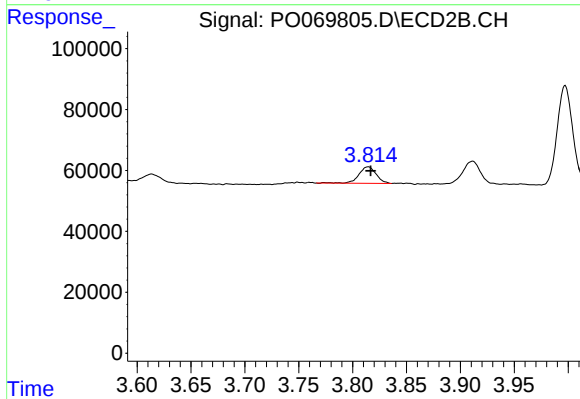
#7 AR-1016-5

R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 577622
Conc: 419.92 ng/ml



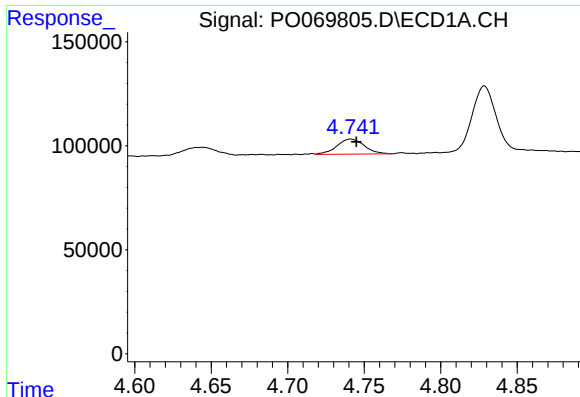
#8 AR-1221-1

R.T.: 4.644 min
Delta R.T.: -0.003 min
Response: 63176
Conc: 157.55 ng/ml



#8 AR-1221-1

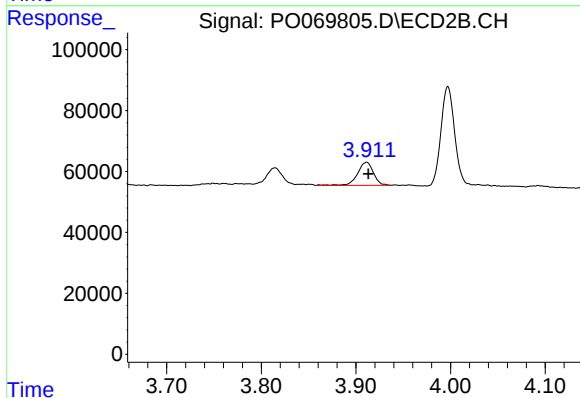
R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 60947
Conc: 127.51 ng/ml



#9 AR-1221-2

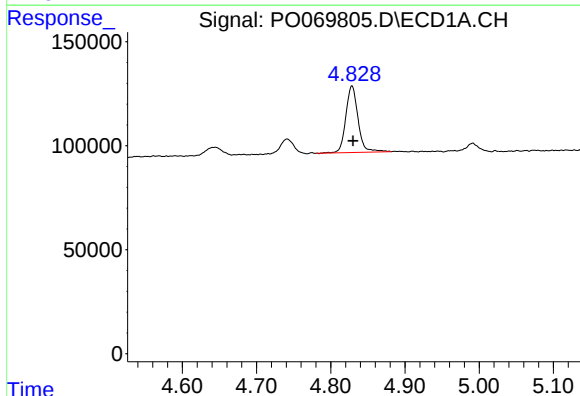
R.T.: 4.741 min
Delta R.T.: -0.003 min
Response: 90354
Conc: 294.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



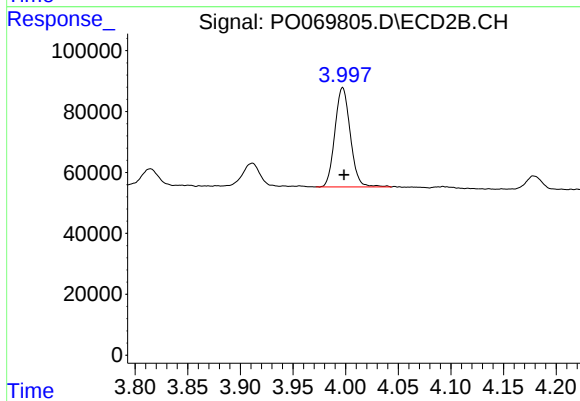
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.002 min
Response: 89717
Conc: 250.73 ng/ml



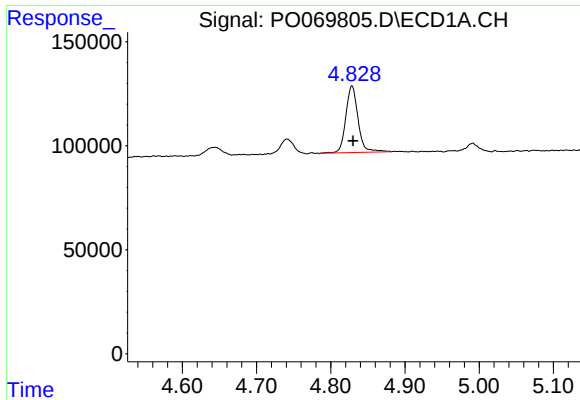
#10 AR-1221-3

R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 368170
Conc: 362.32 ng/ml



#10 AR-1221-3

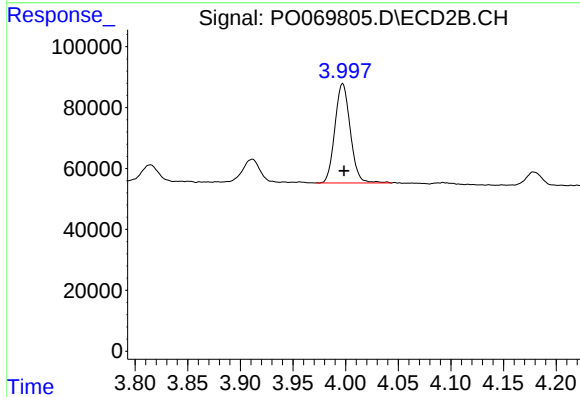
R.T.: 3.997 min
Delta R.T.: -0.001 min
Response: 331724
Conc: 303.32 ng/ml



#11 AR-1232-1

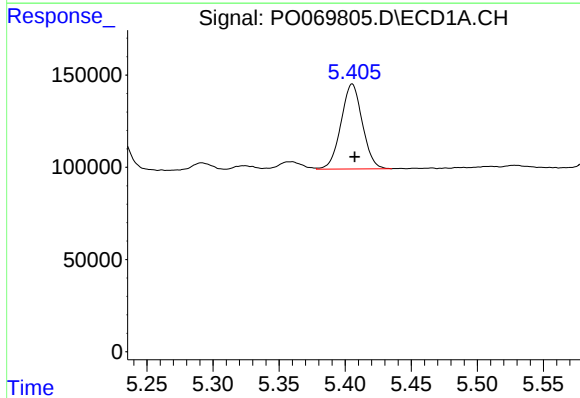
R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 368170
Conc: 452.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



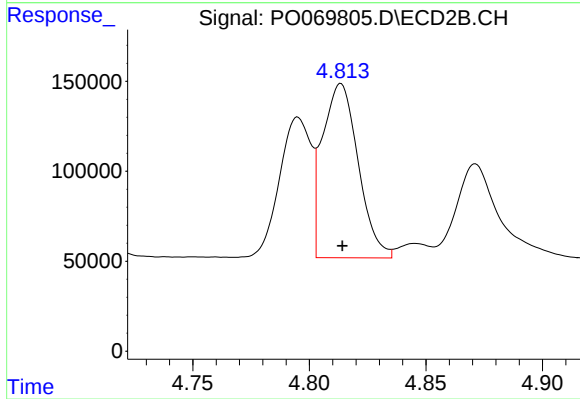
#11 AR-1232-1

R.T.: 3.997 min
Delta R.T.: -0.001 min
Response: 331724
Conc: 371.02 ng/ml



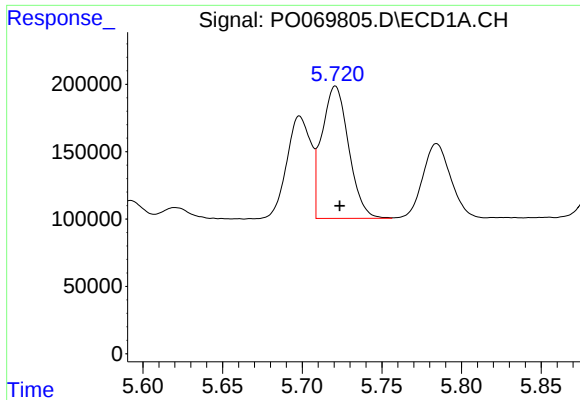
#12 AR-1232-2

R.T.: 5.405 min
Delta R.T.: -0.002 min
Response: 518607
Conc: 1210.02 ng/ml



#12 AR-1232-2

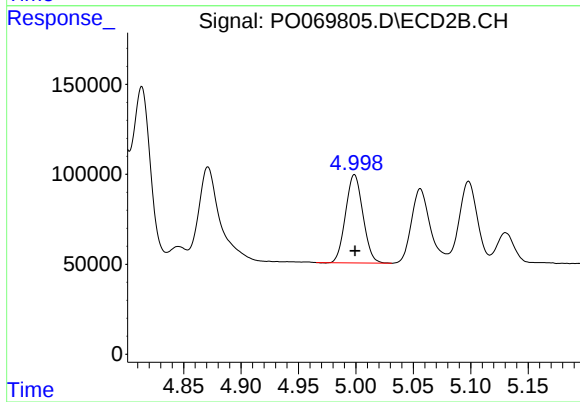
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 1032696
Conc: 1068.25 ng/ml



#13 AR-1232-3

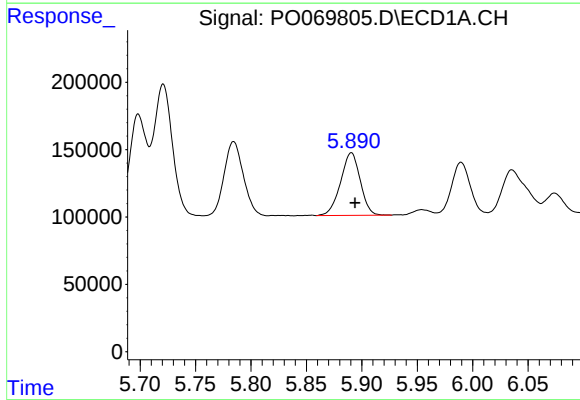
R.T.: 5.721 min
Delta R.T.: -0.003 min
Response: 1149962
Conc: 1150.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



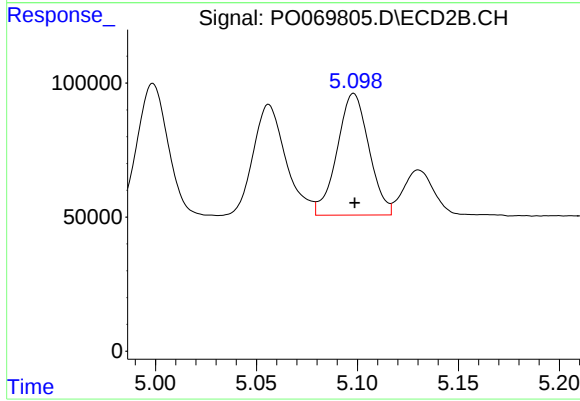
#13 AR-1232-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 517684
Conc: 990.83 ng/ml



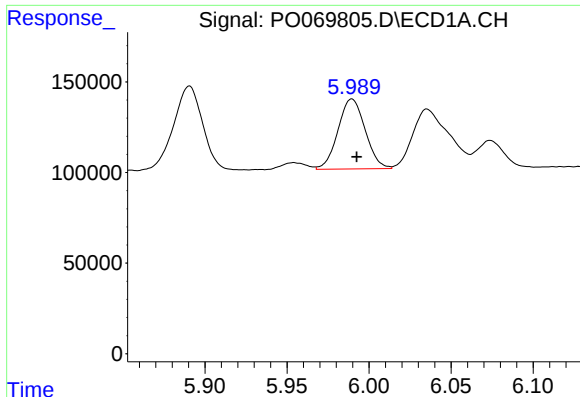
#14 AR-1232-4

R.T.: 5.891 min
Delta R.T.: -0.003 min
Response: 575274
Conc: 1175.75 ng/ml



#14 AR-1232-4

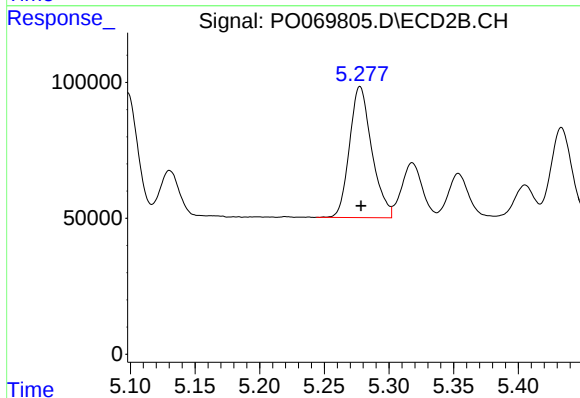
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 499155
Conc: 1138.50 ng/ml



#15 AR-1232-5

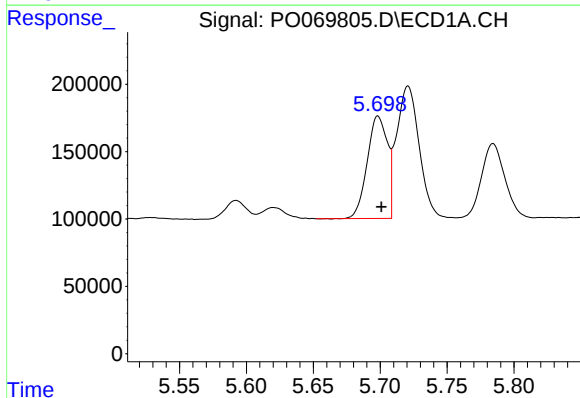
R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 446559
Conc: 1407.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



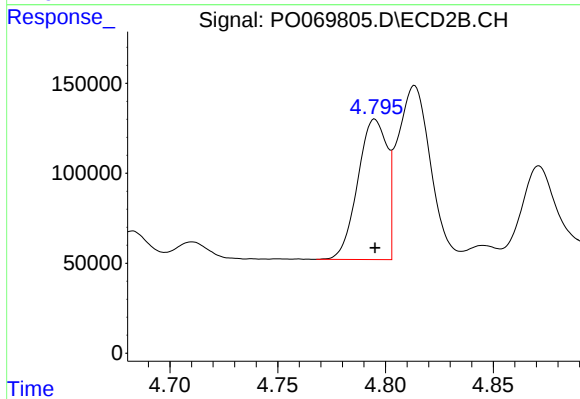
#15 AR-1232-5

R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 577622
Conc: 1104.15 ng/ml



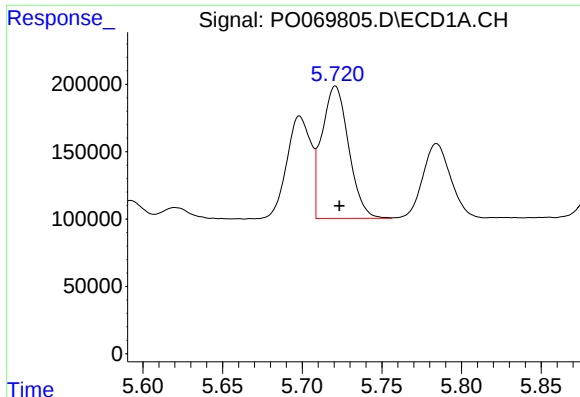
#16 AR-1242-1

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 799279
Conc: 613.23 ng/ml



#16 AR-1242-1

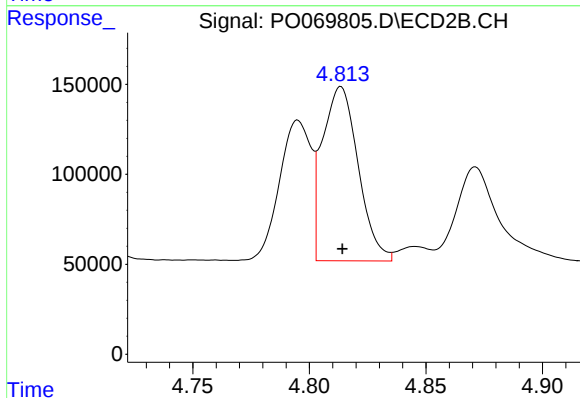
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 736723
Conc: 587.56 ng/ml



#17 AR-1242-2

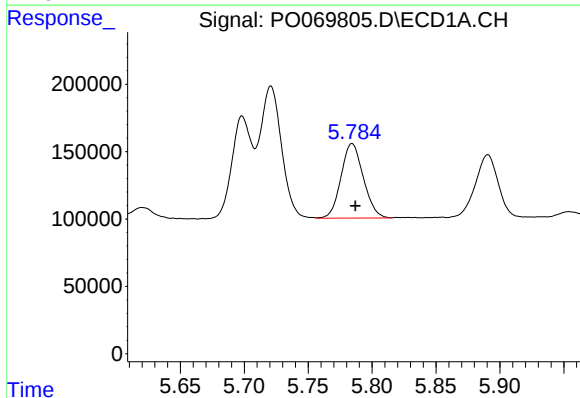
R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 1149962
Conc: 610.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



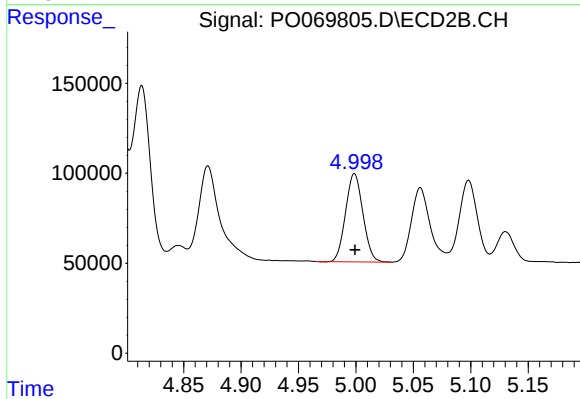
#17 AR-1242-2

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 1032696
Conc: 591.08 ng/ml



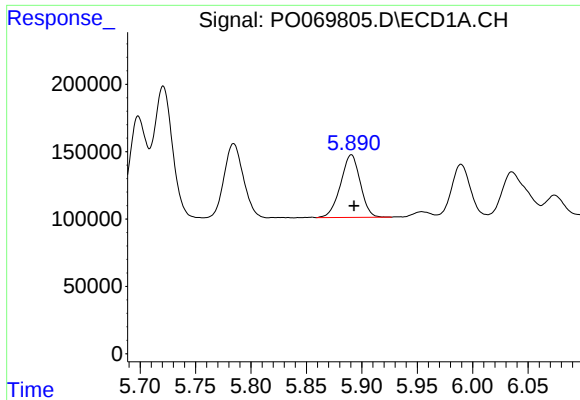
#18 AR-1242-3

R.T.: 5.784 min
Delta R.T.: -0.003 min
Response: 670910
Conc: 590.79 ng/ml



#18 AR-1242-3

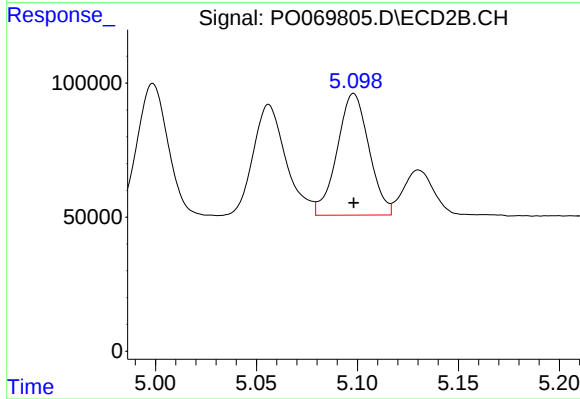
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 517684
Conc: 537.76 ng/ml



#19 AR-1242-4

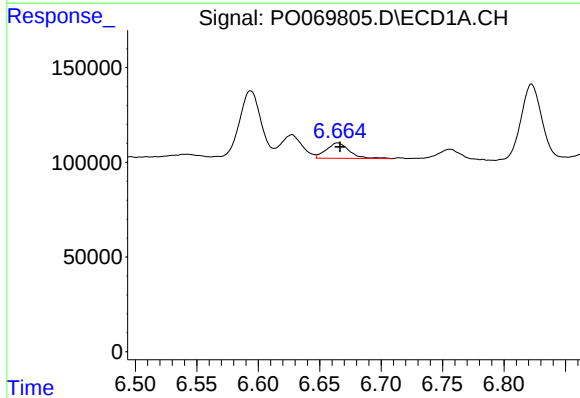
R.T.: 5.891 min
Delta R.T.: -0.002 min
Response: 575274
Conc: 599.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



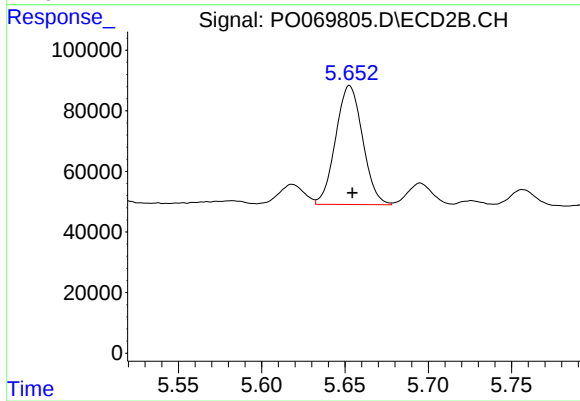
#19 AR-1242-4

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 499155
Conc: 551.75 ng/ml



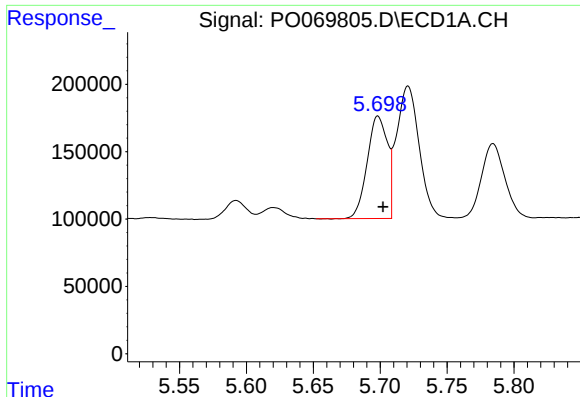
#20 AR-1242-5

R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 106078
Conc: 89.36 ng/ml



#20 AR-1242-5

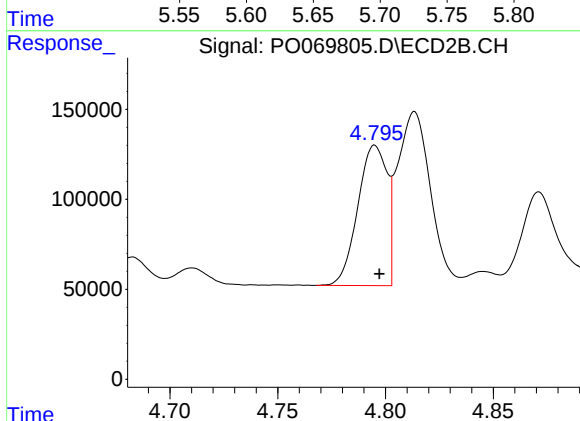
R.T.: 5.653 min
Delta R.T.: -0.002 min
Response: 441542
Conc: 348.37 ng/ml



#21 AR-1248-1

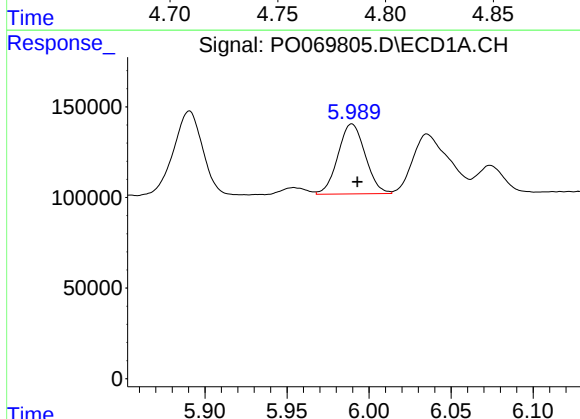
R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 799279
Conc: 818.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



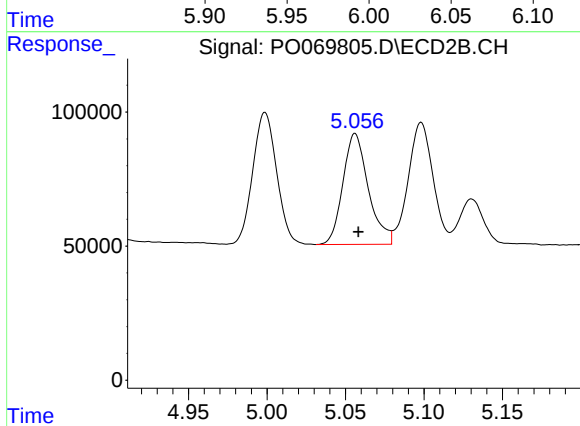
#21 AR-1248-1

R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 736723
Conc: 752.80 ng/ml



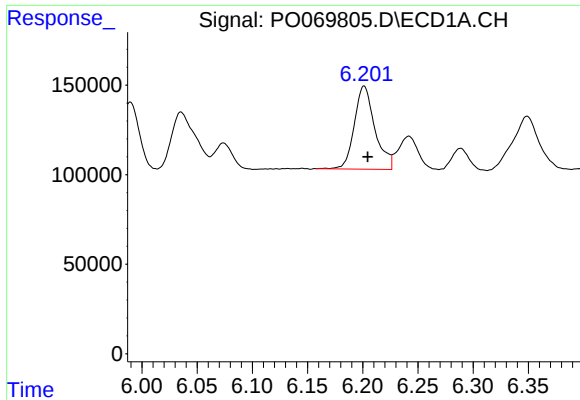
#22 AR-1248-2

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 446559
Conc: 350.73 ng/ml



#22 AR-1248-2

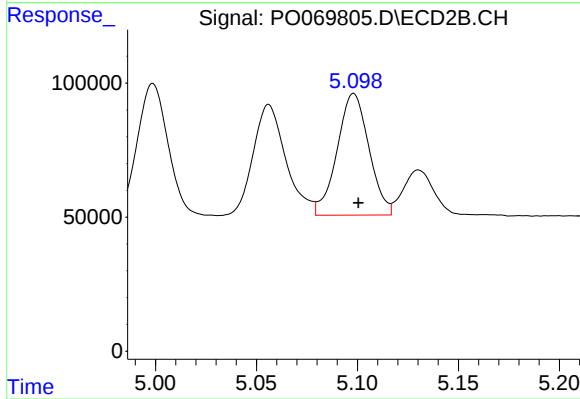
R.T.: 5.056 min
Delta R.T.: -0.002 min
Response: 467598
Conc: 343.47 ng/ml



#23 AR-1248-3

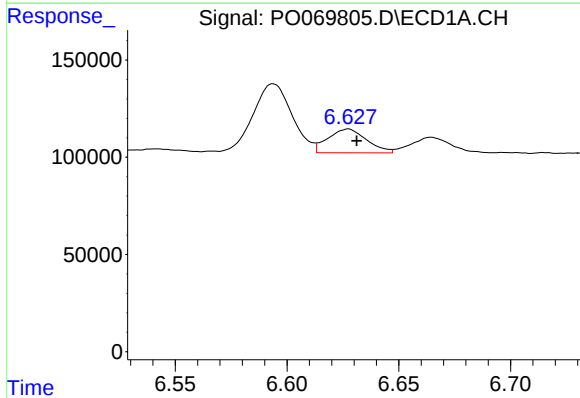
R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 604893
Conc: 382.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



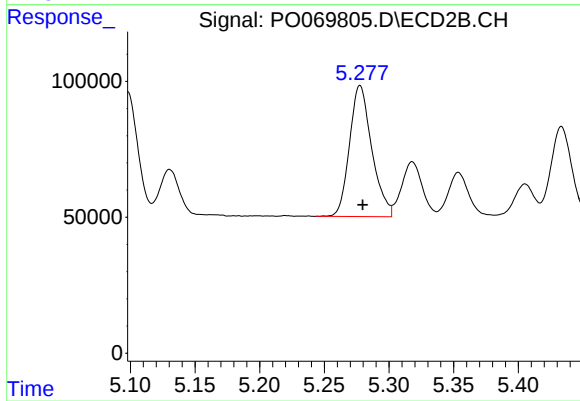
#23 AR-1248-3

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 499155
Conc: 395.23 ng/ml



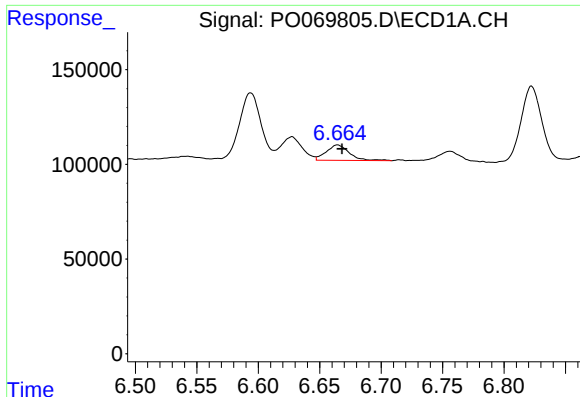
#24 AR-1248-4

R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 147662
Conc: 72.77 ng/ml



#24 AR-1248-4

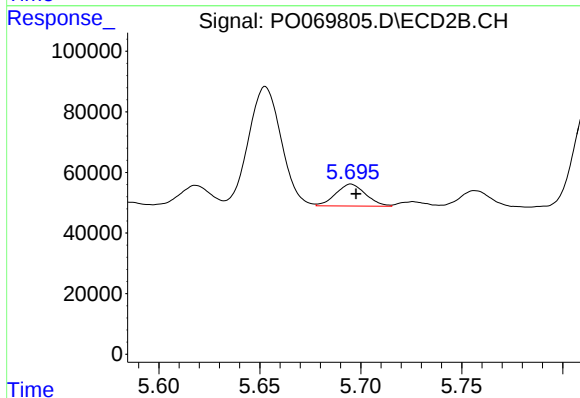
R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 577622
Conc: 355.60 ng/ml



#25 AR-1248-5

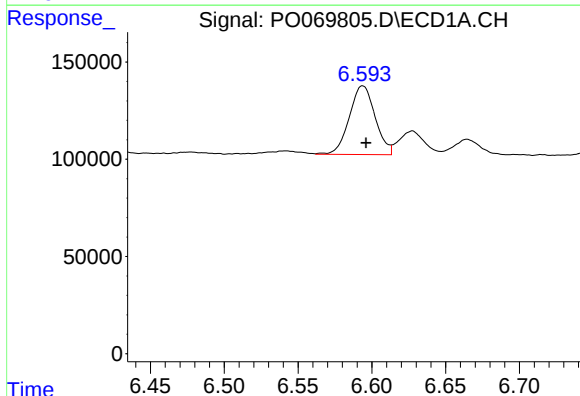
R.T.: 6.664 min
Delta R.T.: -0.004 min
Response: 106078
Conc: 55.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



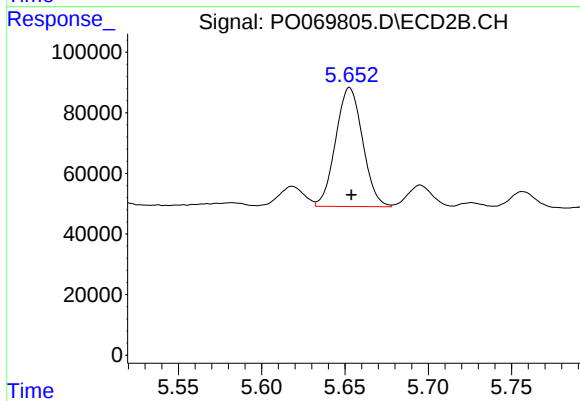
#25 AR-1248-5

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 74773
Conc: 45.31 ng/ml



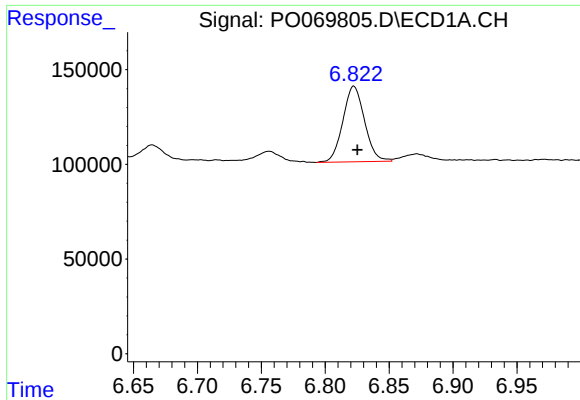
#26 AR-1254-1

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 430592
Conc: 216.31 ng/ml



#26 AR-1254-1

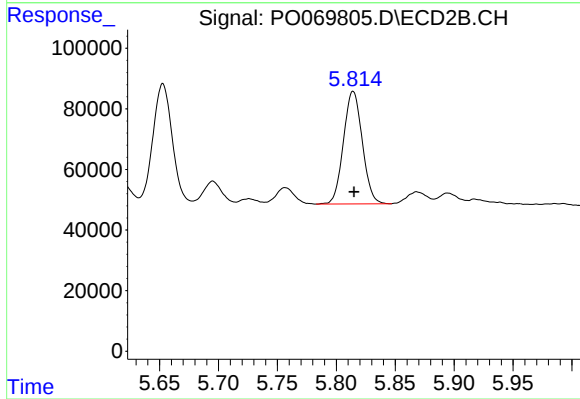
R.T.: 5.653 min
Delta R.T.: -0.001 min
Response: 441542
Conc: 169.62 ng/ml



#27 AR-1254-2

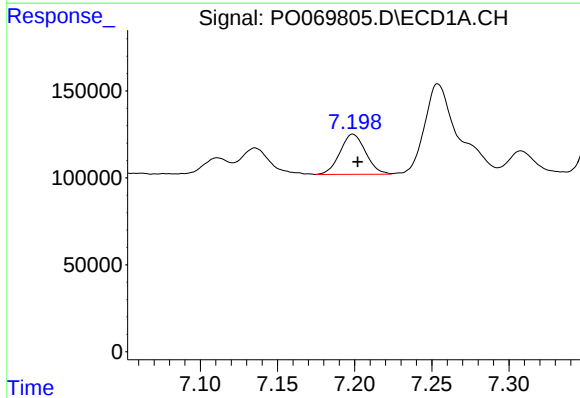
R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 472476
Conc: 147.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



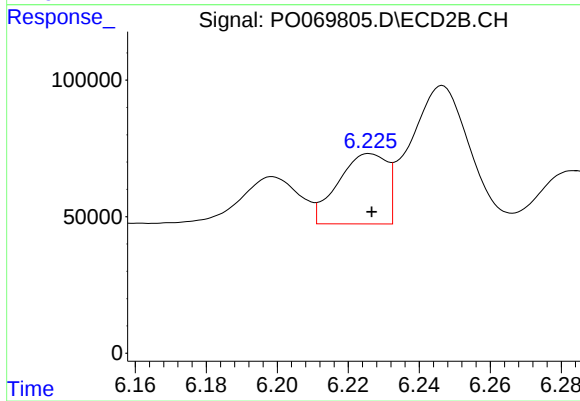
#27 AR-1254-2

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 414590
Conc: 179.59 ng/ml



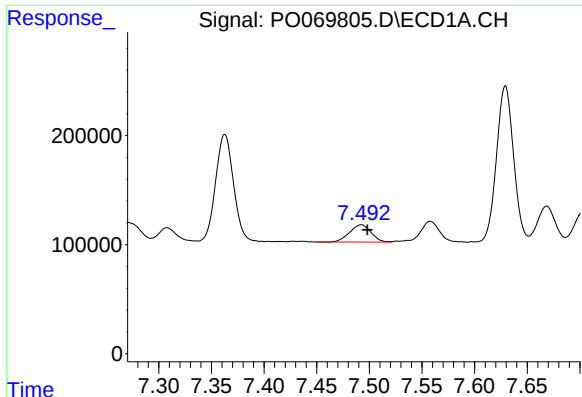
#28 AR-1254-3

R.T.: 7.199 min
Delta R.T.: -0.003 min
Response: 266050
Conc: 75.75 ng/ml



#28 AR-1254-3

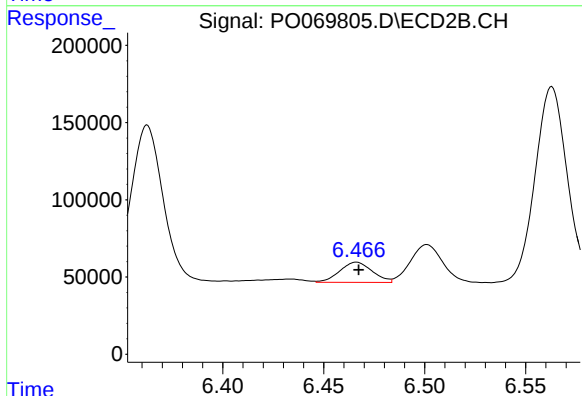
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 246306
Conc: 65.59 ng/ml



#29 AR-1254-4

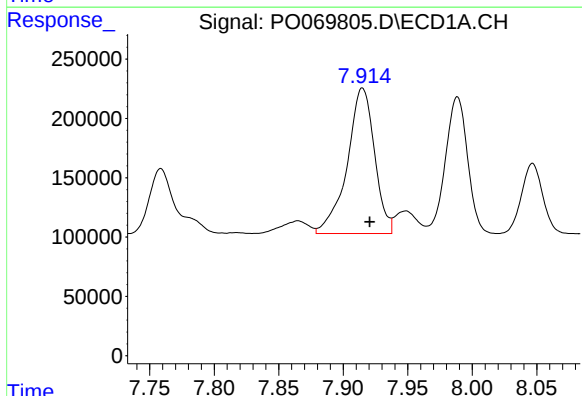
R.T.: 7.492 min
Delta R.T.: -0.006 min
Response: 225501
Conc: 75.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



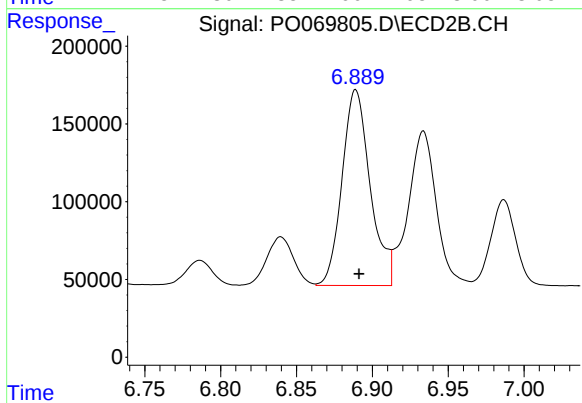
#29 AR-1254-4

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 146643
Conc: 58.03 ng/ml



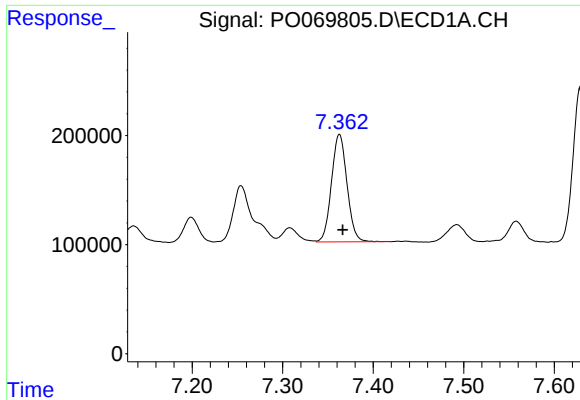
#30 AR-1254-5

R.T.: 7.915 min
Delta R.T.: -0.006 min
Response: 1813494
Conc: 602.73 ng/ml



#30 AR-1254-5

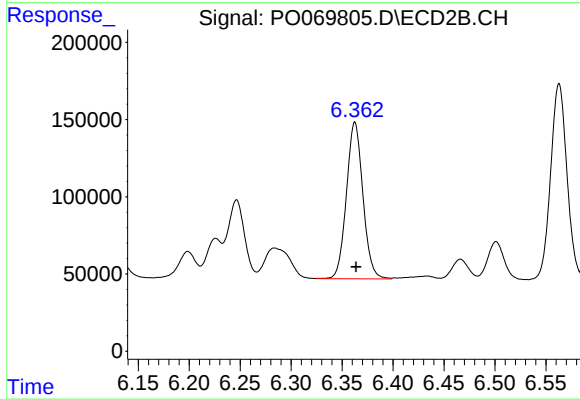
R.T.: 6.889 min
Delta R.T.: -0.002 min
Response: 1625175
Conc: 452.83 ng/ml



#31 AR-1260-1

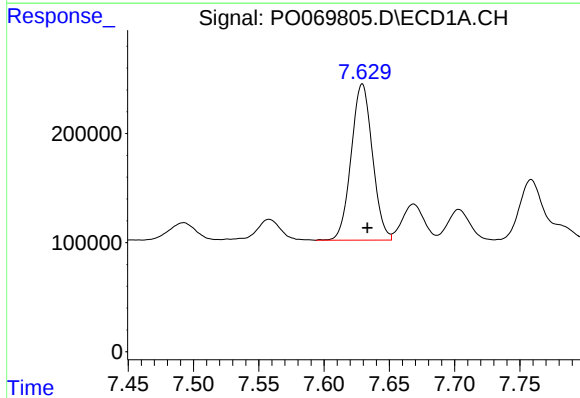
R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 1173500
Conc: 446.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



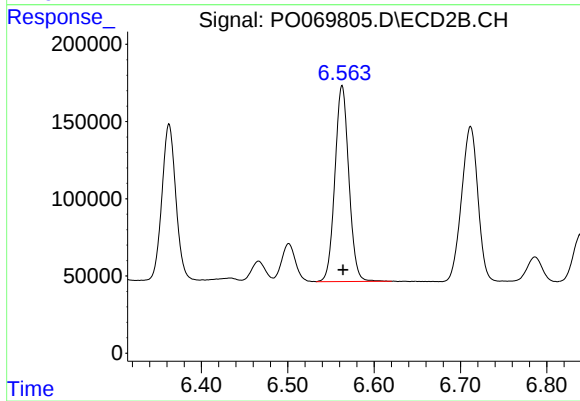
#31 AR-1260-1

R.T.: 6.363 min
Delta R.T.: -0.001 min
Response: 1143635
Conc: 433.59 ng/ml



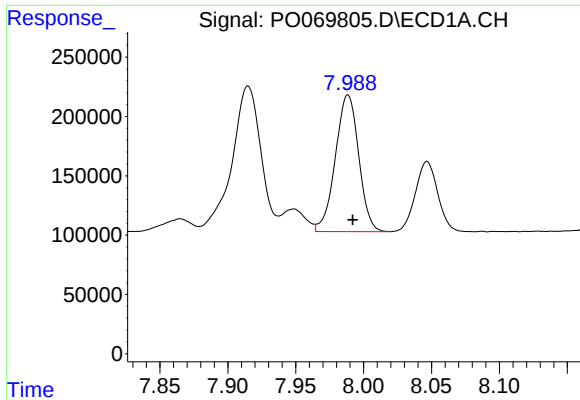
#32 AR-1260-2

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 1624810
Conc: 458.03 ng/ml



#32 AR-1260-2

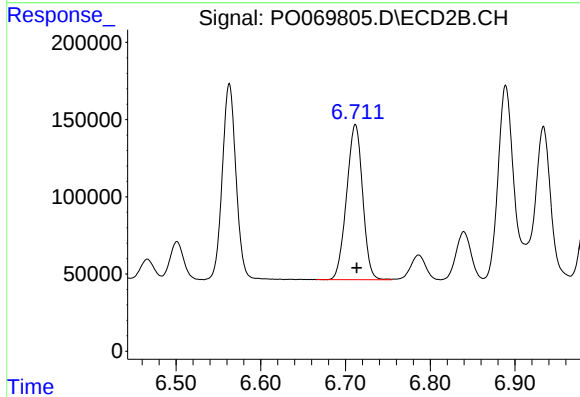
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 1422059
Conc: 434.46 ng/ml



#33 AR-1260-3

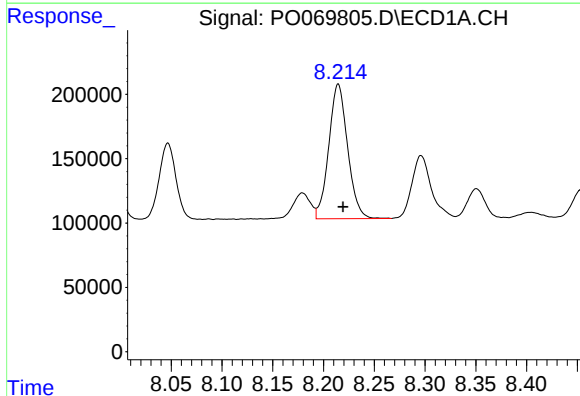
R.T.: 7.989 min
Delta R.T.: -0.004 min
Response: 1382481
Conc: 478.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



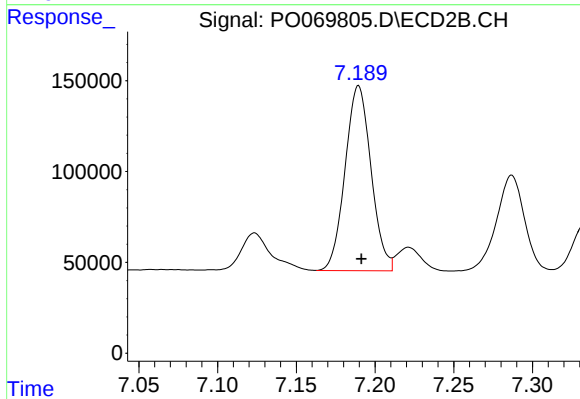
#33 AR-1260-3

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 1320121
Conc: 433.59 ng/ml



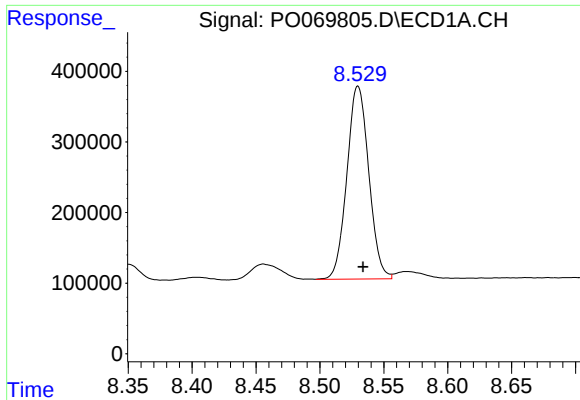
#34 AR-1260-4

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 1352212
Conc: 456.53 ng/ml



#34 AR-1260-4

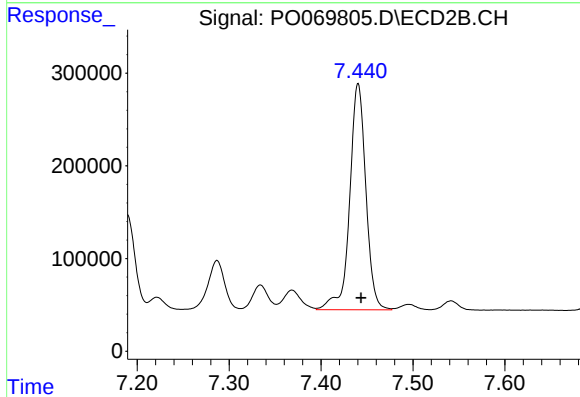
R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 1169478
Conc: 432.05 ng/ml



#35 AR-1260-5

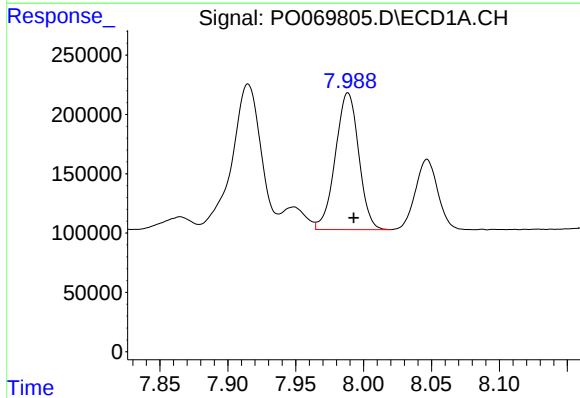
R.T.: 8.530 min
Delta R.T.: -0.004 min
Response: 3261544
Conc: 482.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



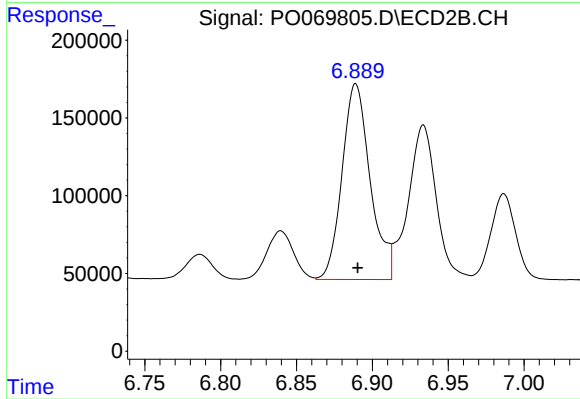
#35 AR-1260-5

R.T.: 7.440 min
Delta R.T.: -0.003 min
Response: 2990995
Conc: 466.71 ng/ml



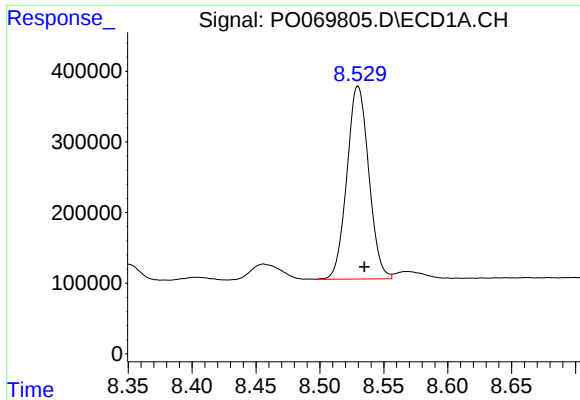
#36 AR-1262-1

R.T.: 7.989 min
Delta R.T.: -0.004 min
Response: 1382481
Conc: 347.40 ng/ml



#36 AR-1262-1

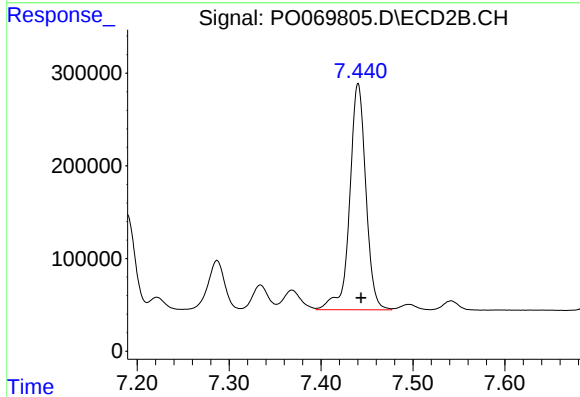
R.T.: 6.889 min
Delta R.T.: -0.001 min
Response: 1625175
Conc: 841.62 ng/ml



#37 AR-1262-2

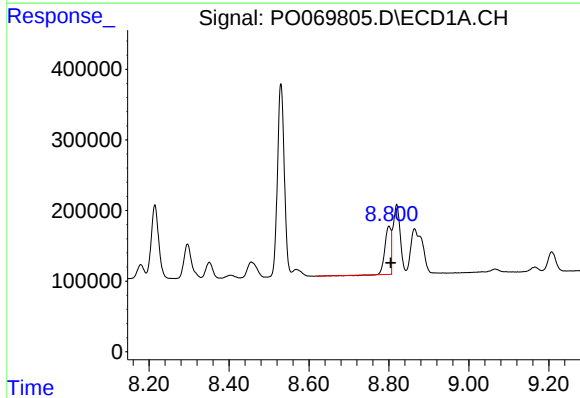
R.T.: 8.530 min
Delta R.T.: -0.005 min
Response: 3261544
Conc: 451.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



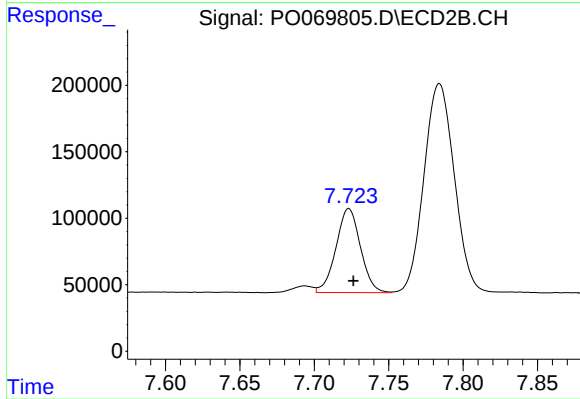
#37 AR-1262-2

R.T.: 7.440 min
Delta R.T.: -0.003 min
Response: 2990995
Conc: 458.09 ng/ml



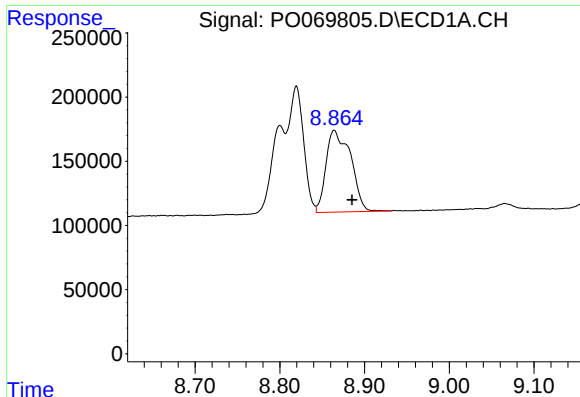
#38 AR-1262-3

R.T.: 8.800 min
Delta R.T.: -0.004 min
Response: 717806
Conc: 149.91 ng/ml



#38 AR-1262-3

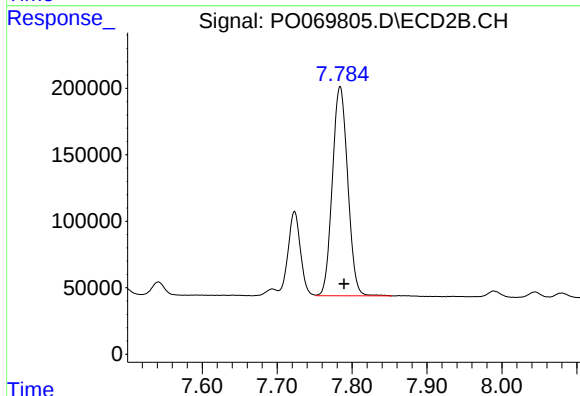
R.T.: 7.723 min
Delta R.T.: -0.003 min
Response: 723452
Conc: 268.44 ng/ml



#39 AR-1262-4

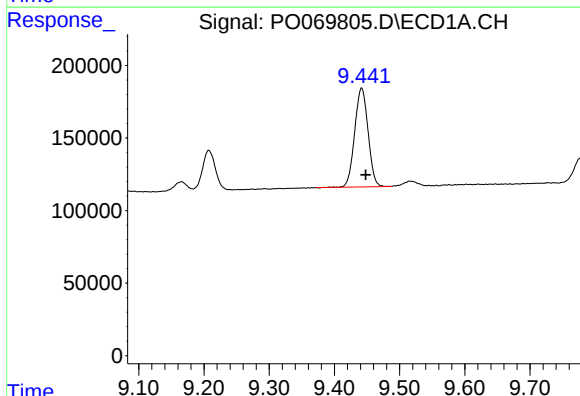
R.T.: 8.864 min
Delta R.T.: -0.021 min
Response: 1290107
Conc: 665.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



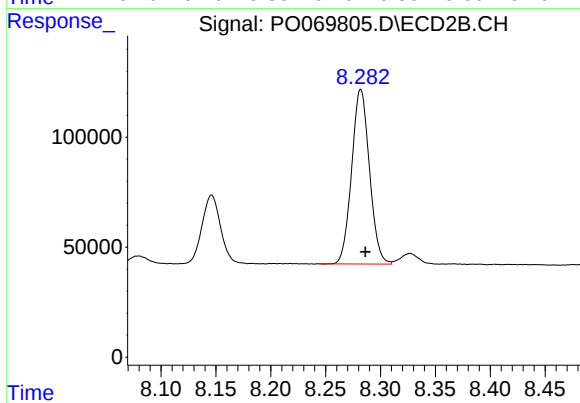
#39 AR-1262-4

R.T.: 7.784 min
Delta R.T.: -0.005 min
Response: 2240624
Conc: 450.00 ng/ml



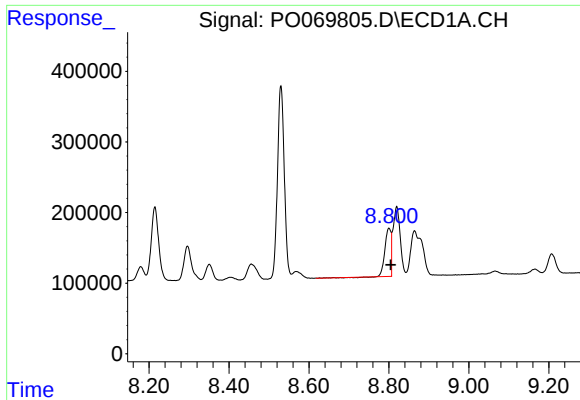
#40 AR-1262-5

R.T.: 9.442 min
Delta R.T.: -0.006 min
Response: 972361
Conc: 372.82 ng/ml



#40 AR-1262-5

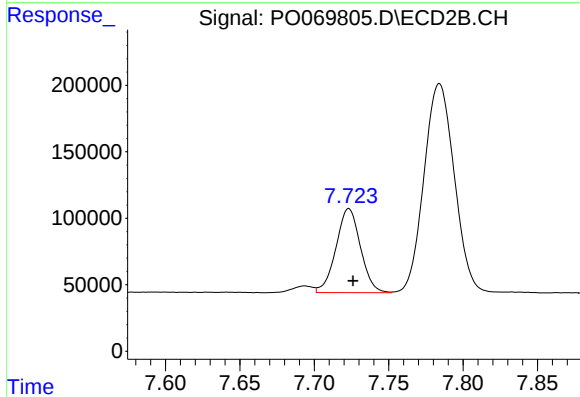
R.T.: 8.282 min
Delta R.T.: -0.004 min
Response: 896068
Conc: 360.61 ng/ml



#41 AR-1268-1

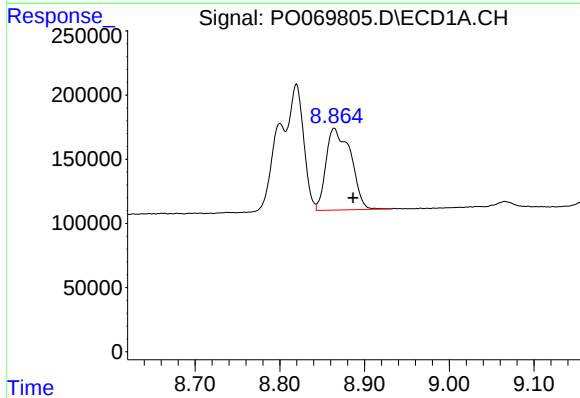
R.T.: 8.800 min
Delta R.T.: -0.004 min
Response: 717806
Conc: 78.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



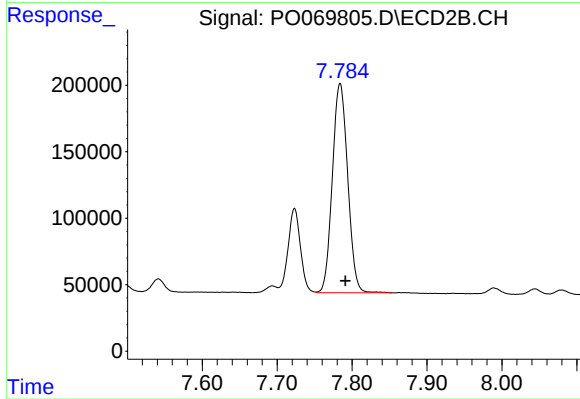
#41 AR-1268-1

R.T.: 7.723 min
Delta R.T.: -0.003 min
Response: 723452
Conc: 92.42 ng/ml



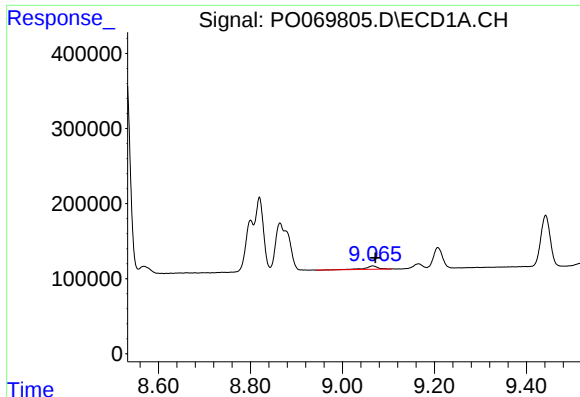
#42 AR-1268-2

R.T.: 8.864 min
Delta R.T.: -0.022 min
Response: 1290107
Conc: 155.65 ng/ml



#42 AR-1268-2

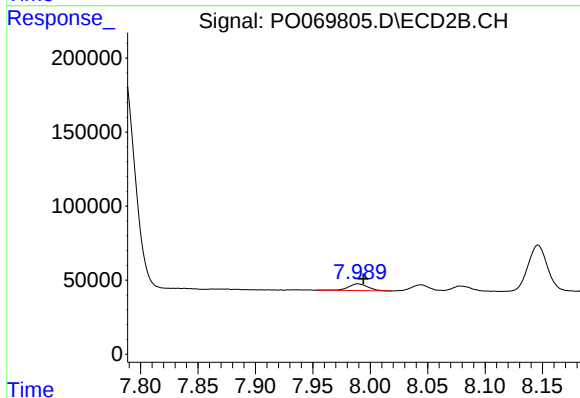
R.T.: 7.784 min
Delta R.T.: -0.007 min
Response: 2240624
Conc: 313.68 ng/ml



#43 AR-1268-3

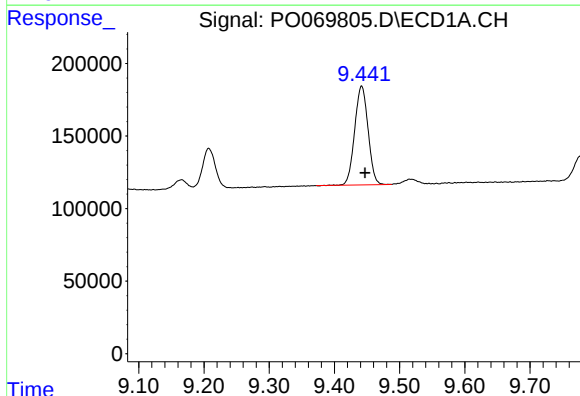
R.T.: 9.066 min
Delta R.T.: -0.006 min
Response: 83522
Conc: 11.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



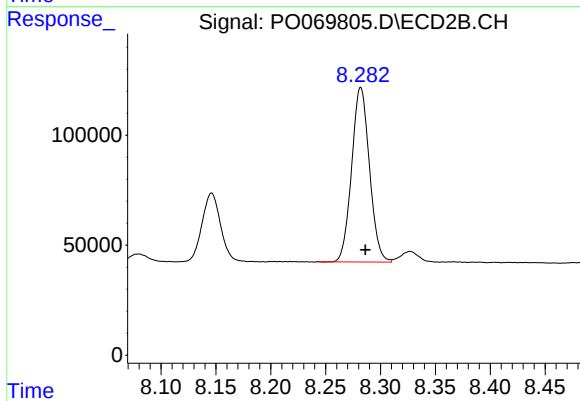
#43 AR-1268-3

R.T.: 7.989 min
Delta R.T.: -0.005 min
Response: 54763
Conc: 9.17 ng/ml



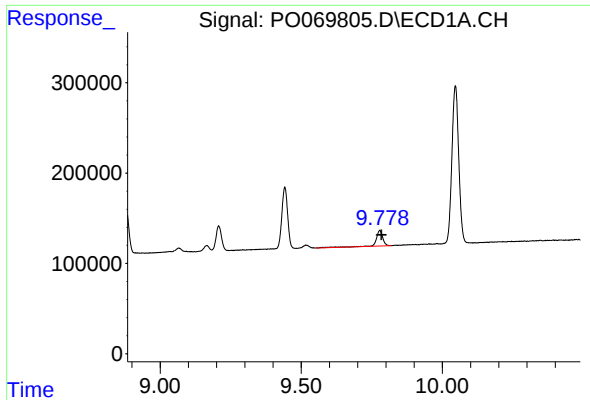
#44 AR-1268-4

R.T.: 9.442 min
Delta R.T.: -0.005 min
Response: 972361
Conc: 320.81 ng/ml



#44 AR-1268-4

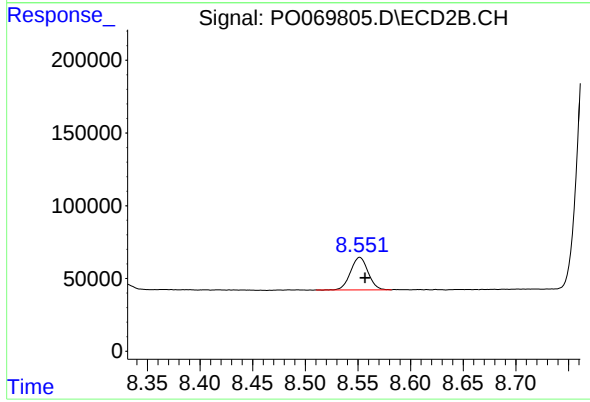
R.T.: 8.282 min
Delta R.T.: -0.004 min
Response: 896068
Conc: 309.84 ng/ml



#45 AR-1268-5

R.T.: 9.778 min
Delta R.T.: -0.006 min
Response: 286498
Conc: 12.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.552 min
Delta R.T.: -0.005 min
Response: 259763
Conc: 13.47 ng/ml