

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0060222\
 Data File : P0086862.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Jun 2022 12:57
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 02:11:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0060122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 01 17:55:39 2022
 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...	4.516	3.667	2892895	1604099	50.583	50.184
2)	SA Decachlor...	10.391	8.699	2242829	1137544	49.136	50.732
Target Compounds							
3)	L1 AR-1016-1	5.700	4.761	1008422	461332	507.855	467.356
4)	L1 AR-1016-2	5.723	4.780	1459794	627457	515.155	460.070
5)	L1 AR-1016-3	5.787	4.956	934515	342321	534.540	464.377
6)	L1 AR-1016-4	5.885	4.999	731542	270245	523.742	462.679
7)	L1 AR-1016-5	6.184	5.213	709867	343187	516.624	471.337
8)	L2 AR-1221-1	4.725	3.883	92995	57745	139.982	151.278
9)	L2 AR-1221-2	4.815	3.970	143076	81260	273.024	286.818
10)	L2 AR-1221-3	4.891	4.047	558811	290571	346.402	344.992
11)	L3 AR-1232-1	4.891	4.047	558811	290571	365.950	359.031
12)	L3 AR-1232-2	5.233	4.780	780743	627457	1110.858	947.153
13)	L3 AR-1232-3	5.723	4.956	1459794	342321	1076.604	993.135
14)	L3 AR-1232-4	5.885	5.041	731542	330989	1119.986	1091.971
15)	L3 AR-1232-5	5.977	5.213	652828	343187	1245.966	1038.603
16)	L4 AR-1242-1	5.700	4.761	1008422	461332	630.855	587.246
17)	L4 AR-1242-2	5.723	4.780	1459794	627457	640.766	580.504
18)	L4 AR-1242-3	5.787	4.956	934515	342321	657.988	579.813
19)	L4 AR-1242-4	5.885	5.041	731542	330989	645.469	578.424
20)	L4 AR-1242-5	6.630	5.566	94074	261481	80.000	389.347 #
21)	L5 AR-1248-1	5.700	4.761	1008422	461332	826.940	784.616
22)	L5 AR-1248-2	5.977	4.999	652828	270245	373.214	335.692
23)	L5 AR-1248-3	6.184	5.041	709867	330989	367.296	394.474
24)	L5 AR-1248-4	6.589	5.213	104446	343187	48.629	352.770 #
25)	L5 AR-1248-5	6.630	5.606	94074	45759	45.895	49.225
26)	L6 AR-1254-1	6.565	5.566	520750	261481	234.367	181.815
27)	L6 AR-1254-2	6.784	5.714	553223	246069	161.473	198.612
28)	L6 AR-1254-3	7.153	6.101	287394	100489	82.261	50.026 #
29)	L6 AR-1254-4	7.441	6.346	193588	56102	75.470	45.462 #
30)	L6 AR-1254-5	7.862	6.764	1690824	860367	611.304	496.713
31)	L7 AR-1260-1	7.319	6.249	1220769	631285	491.888	487.485
32)	L7 AR-1260-2	7.577	6.437	1453661	756311	428.785	489.653
33)	L7 AR-1260-3	7.940	6.590	1047558	714796	484.807	411.306
34)	L7 AR-1260-4	8.170	7.063	1225750	557577	477.010	489.879
35)	L7 AR-1260-5	8.499	7.304	2247646	1317049	473.000	495.913
36)	L8 AR-1262-1	7.940	6.804	1047558	590866	315.406	341.707
37)	L8 AR-1262-2	8.499	7.304	2247646	1317049	392.831	438.573
38)	L8 AR-1262-3	8.836	7.589	1481699	279266	376.296	232.935 #
39)	L8 AR-1262-4	8.895	7.651	898458	960670	300.000	439.530 #
40)	L8 AR-1262-5	9.599	8.147	628510	321648	303.956	318.905
41)	L9 AR-1268-1	8.836	7.589	1481699	279266	210.946	81.493 #

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 Acq On : 02 Jun 2022 12:57
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

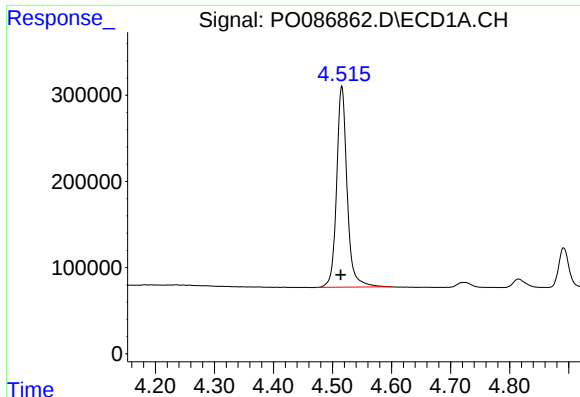
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 02:11:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060122.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	8.895	7.651	898458	960670	140.325	306.330 #
43) L9	AR-1268-3	9.156	7.862	39030	18374	7.176	6.943
44) L9	AR-1268-4	9.599	8.147	628510	321648	266.153	281.574
45) L9	AR-1268-5	10.035	8.441	219580	96450	12.204	11.043

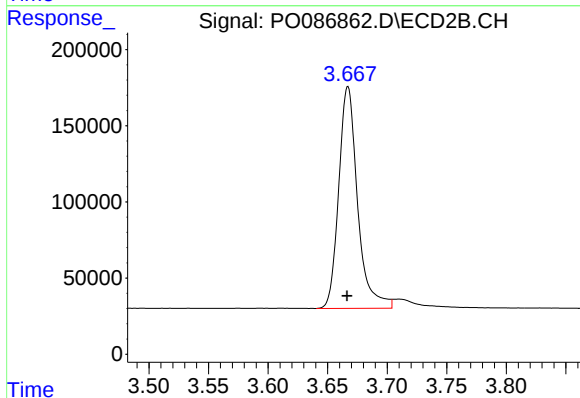
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

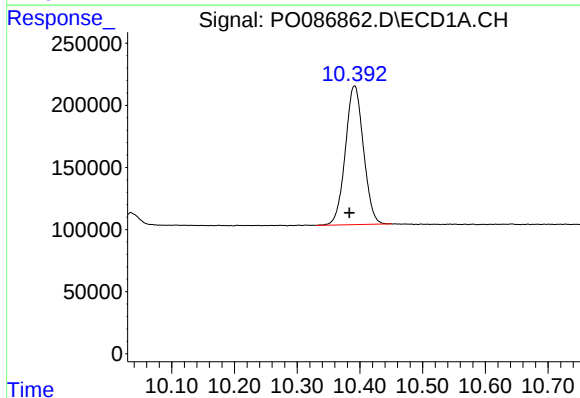
R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 2892895
Conc: 50.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



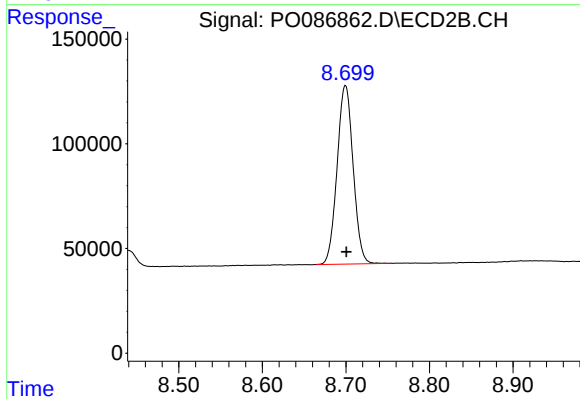
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 1604099
Conc: 50.18 ng/ml



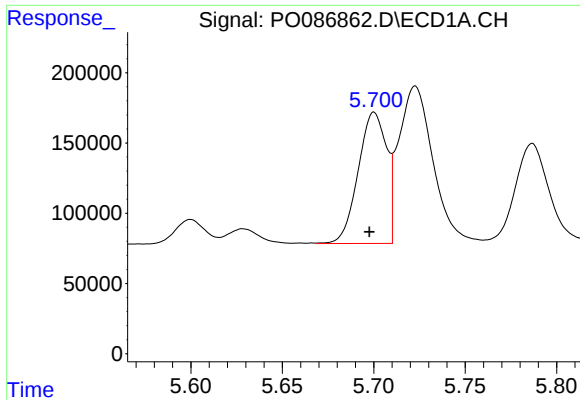
#2 Decachlorobiphenyl

R.T.: 10.391 min
Delta R.T.: 0.008 min
Response: 2242829
Conc: 49.14 ng/ml



#2 Decachlorobiphenyl

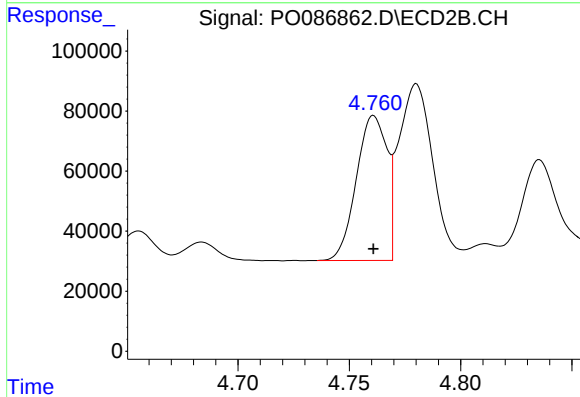
R.T.: 8.699 min
Delta R.T.: -0.001 min
Response: 1137544
Conc: 50.73 ng/ml



#3 AR-1016-1

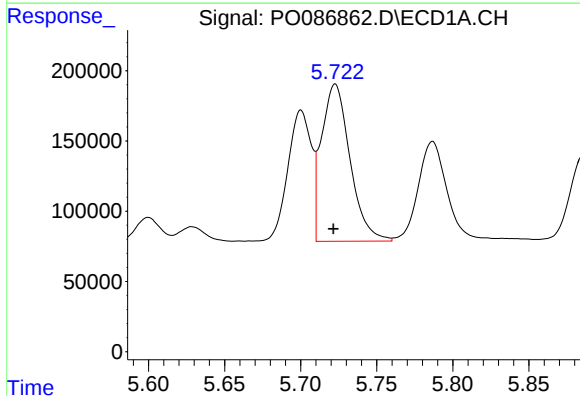
R.T.: 5.700 min
Delta R.T.: 0.003 min
Response: 1008422
Conc: 507.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



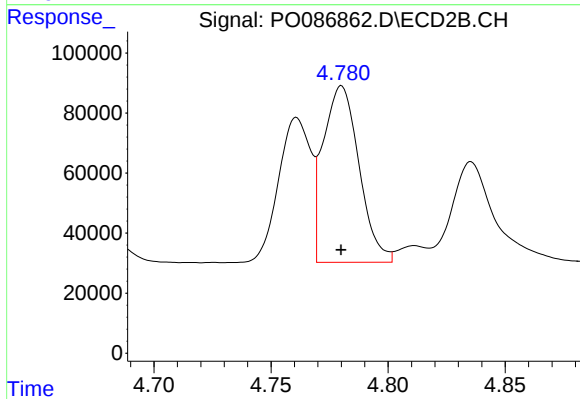
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 461332
Conc: 467.36 ng/ml



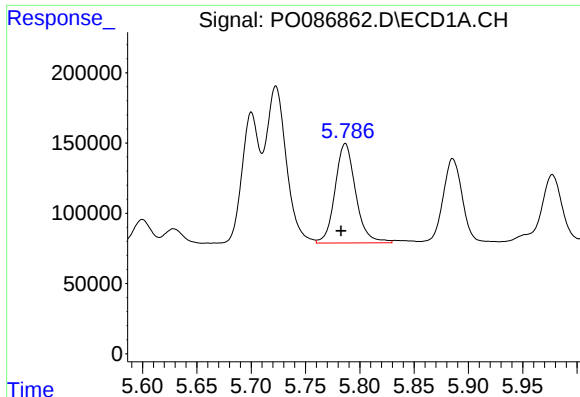
#4 AR-1016-2

R.T.: 5.723 min
Delta R.T.: 0.001 min
Response: 1459794
Conc: 515.15 ng/ml



#4 AR-1016-2

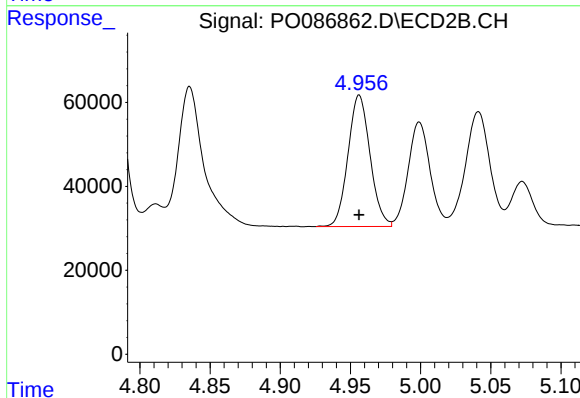
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 627457
Conc: 460.07 ng/ml



#5 AR-1016-3

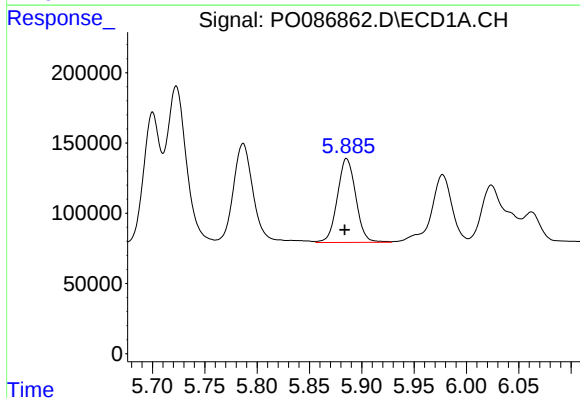
R.T.: 5.787 min
Delta R.T.: 0.004 min
Response: 934515
Conc: 534.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



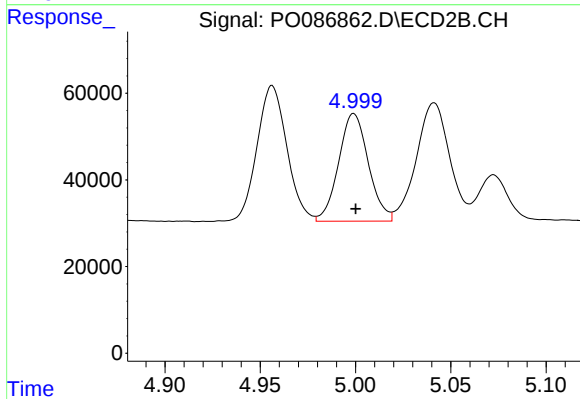
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 342321
Conc: 464.38 ng/ml



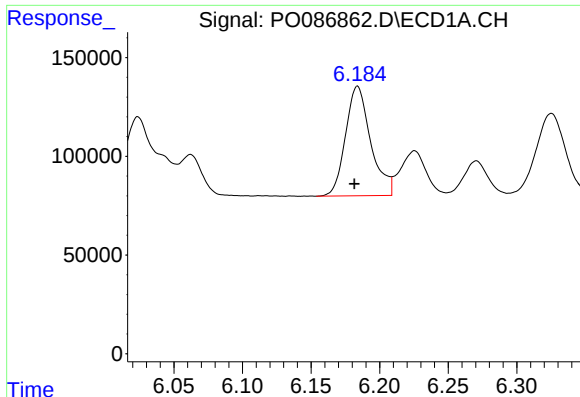
#6 AR-1016-4

R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 731542
Conc: 523.74 ng/ml



#6 AR-1016-4

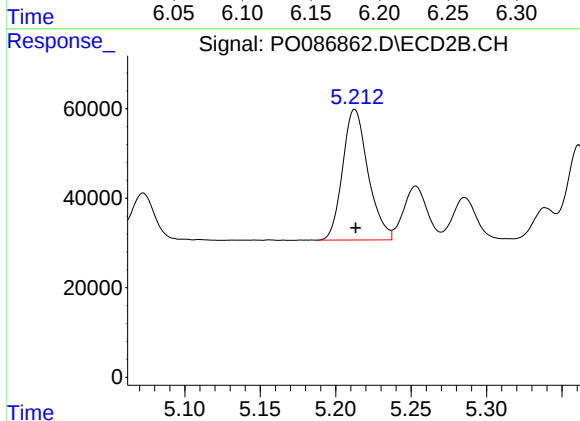
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 270245
Conc: 462.68 ng/ml



#7 AR-1016-5

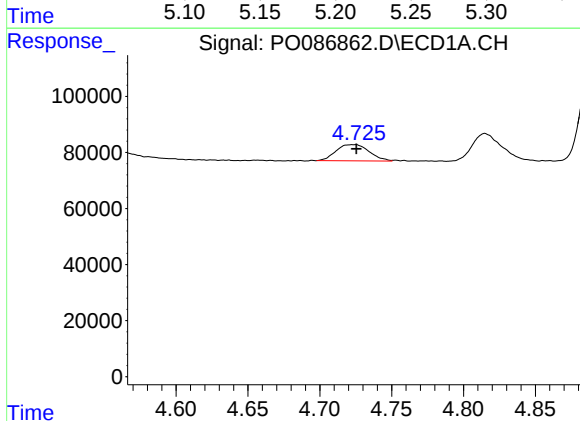
R.T.: 6.184 min
Delta R.T.: 0.002 min
Response: 709867
Conc: 516.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



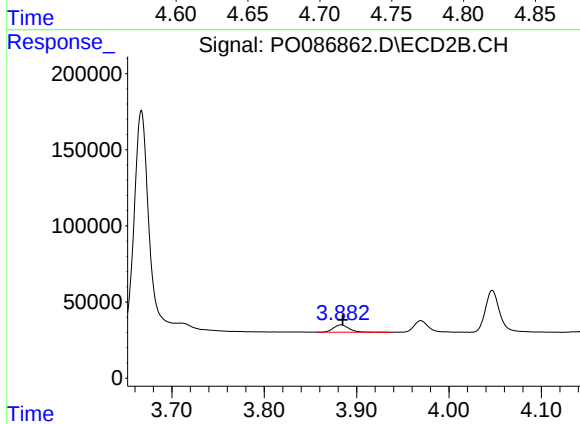
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 343187
Conc: 471.34 ng/ml



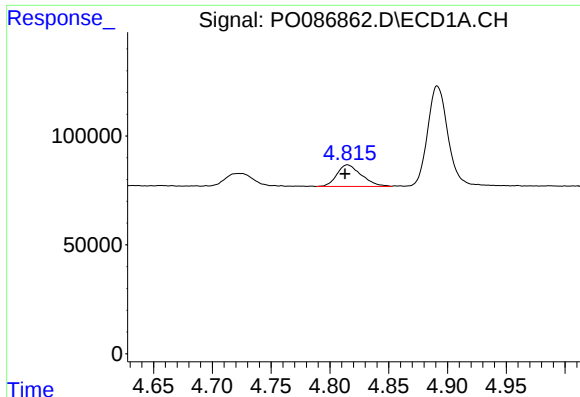
#8 AR-1221-1

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 92995
Conc: 139.98 ng/ml



#8 AR-1221-1

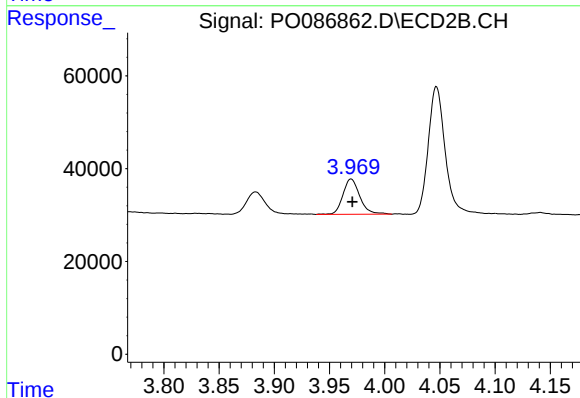
R.T.: 3.883 min
Delta R.T.: -0.002 min
Response: 57745
Conc: 151.28 ng/ml



#9 AR-1221-2

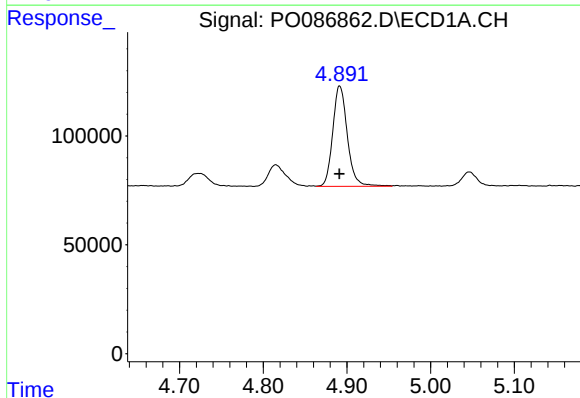
R.T.: 4.815 min
Delta R.T.: 0.002 min
Response: 143076
Conc: 273.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



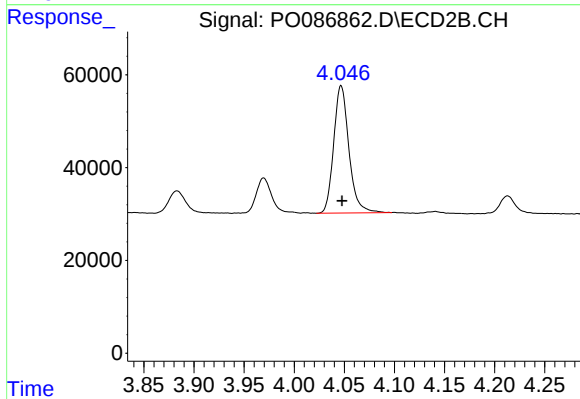
#9 AR-1221-2

R.T.: 3.970 min
Delta R.T.: -0.001 min
Response: 81260
Conc: 286.82 ng/ml



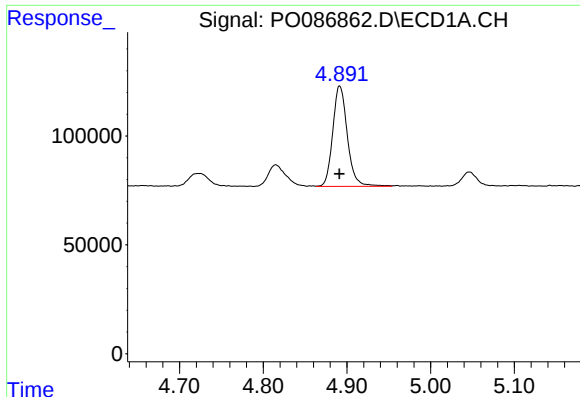
#10 AR-1221-3

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 558811
Conc: 346.40 ng/ml



#10 AR-1221-3

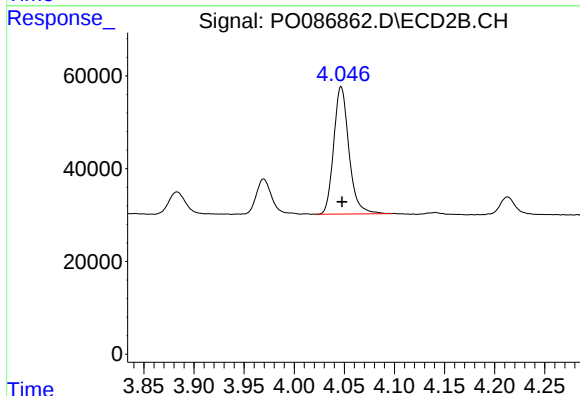
R.T.: 4.047 min
Delta R.T.: -0.001 min
Response: 290571
Conc: 344.99 ng/ml



#11 AR-1232-1

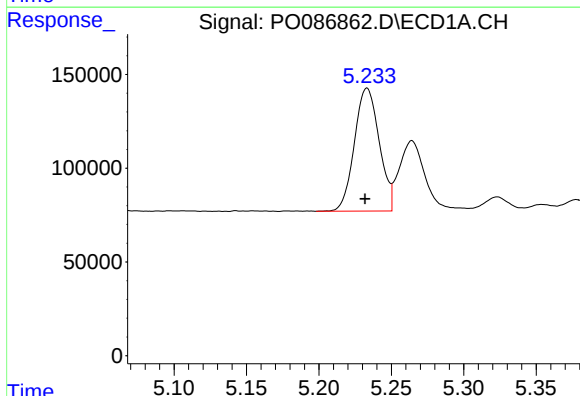
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 558811
Conc: 365.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



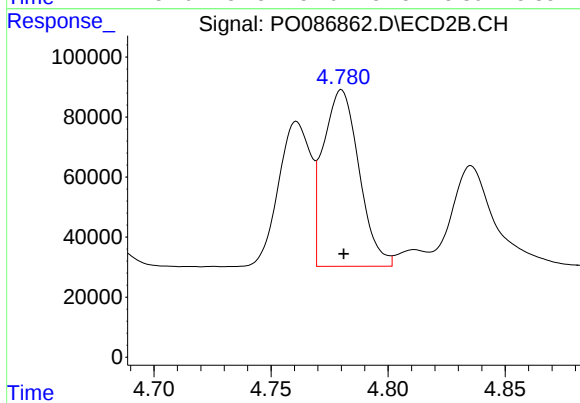
#11 AR-1232-1

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 290571
Conc: 359.03 ng/ml



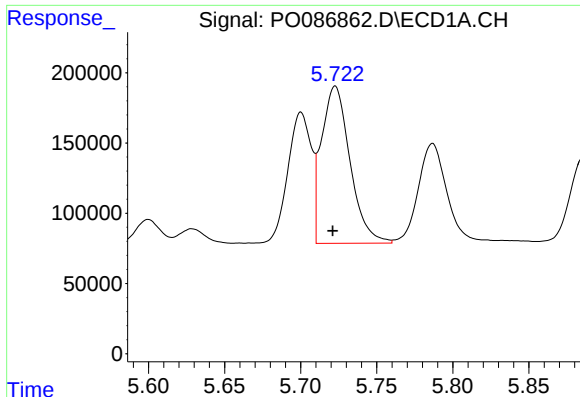
#12 AR-1232-2

R.T.: 5.233 min
Delta R.T.: 0.002 min
Response: 780743
Conc: 1110.86 ng/ml



#12 AR-1232-2

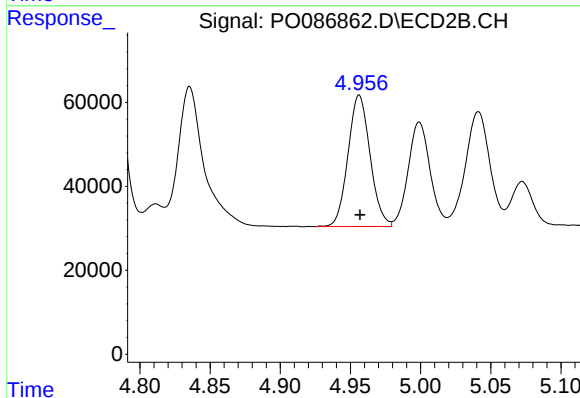
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 627457
Conc: 947.15 ng/ml



#13 AR-1232-3

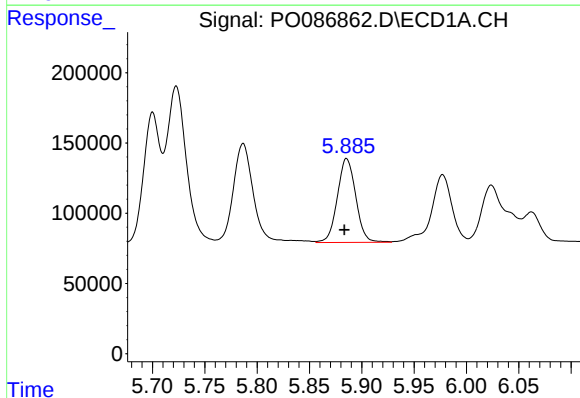
R.T.: 5.723 min
Delta R.T.: 0.002 min
Response: 1459794
Conc: 1076.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



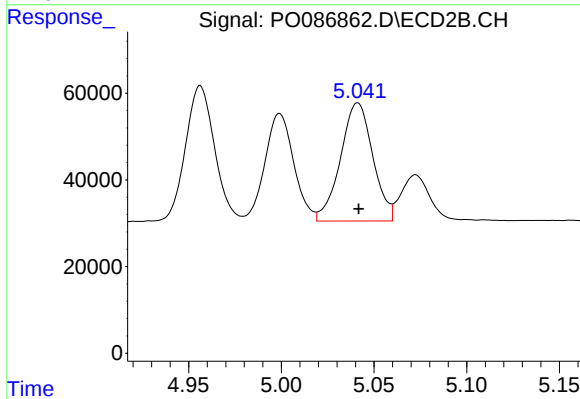
#13 AR-1232-3

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 342321
Conc: 993.13 ng/ml



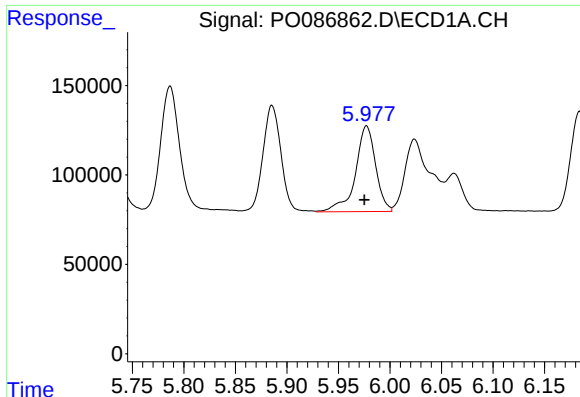
#14 AR-1232-4

R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 731542
Conc: 1119.99 ng/ml



#14 AR-1232-4

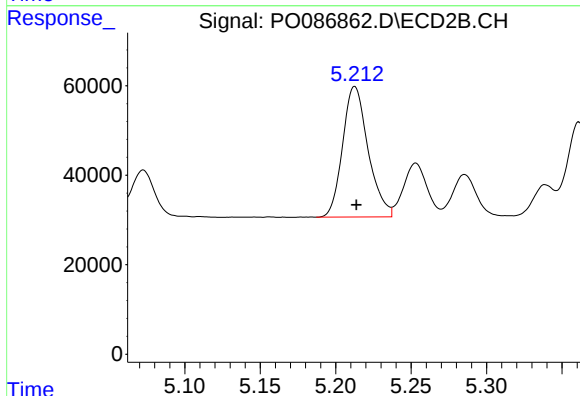
R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 330989
Conc: 1091.97 ng/ml



#15 AR-1232-5

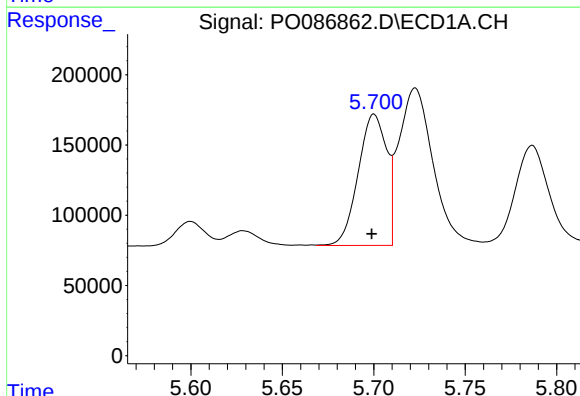
R.T.: 5.977 min
Delta R.T.: 0.002 min
Response: 652828
Conc: 1245.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



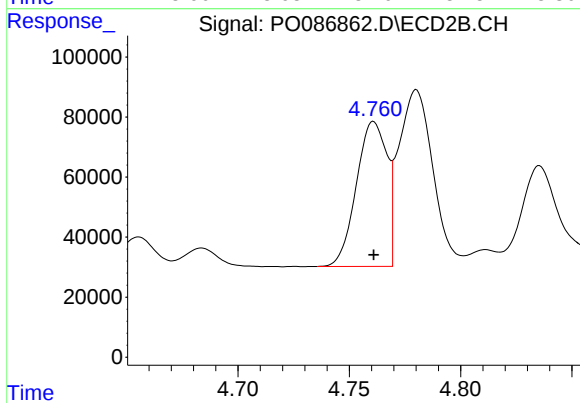
#15 AR-1232-5

R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 343187
Conc: 1038.60 ng/ml



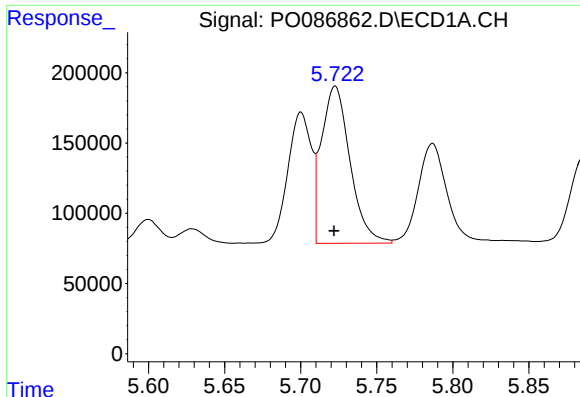
#16 AR-1242-1

R.T.: 5.700 min
Delta R.T.: 0.001 min
Response: 1008422
Conc: 630.85 ng/ml



#16 AR-1242-1

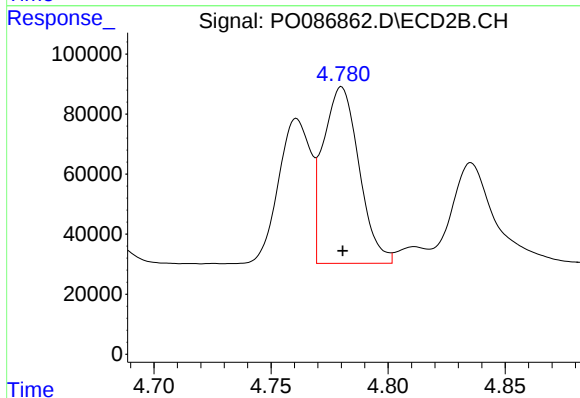
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 461332
Conc: 587.25 ng/ml



#17 AR-1242-2

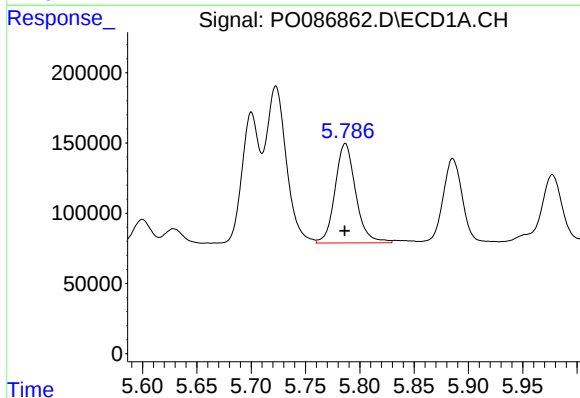
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 1459794
Conc: 640.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



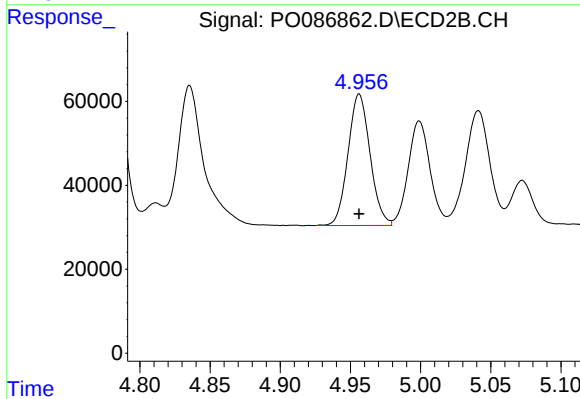
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 627457
Conc: 580.50 ng/ml



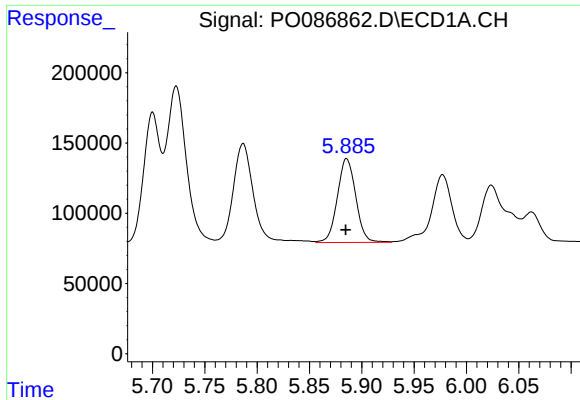
#18 AR-1242-3

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 934515
Conc: 657.99 ng/ml



#18 AR-1242-3

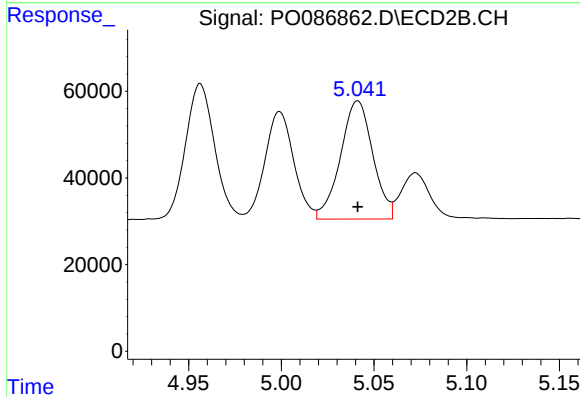
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 342321
Conc: 579.81 ng/ml



#19 AR-1242-4

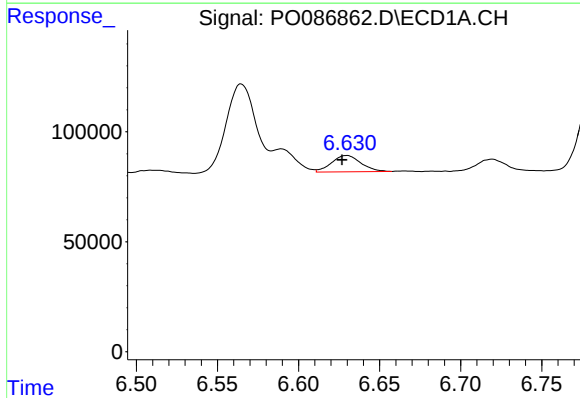
R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 731542
Conc: 645.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



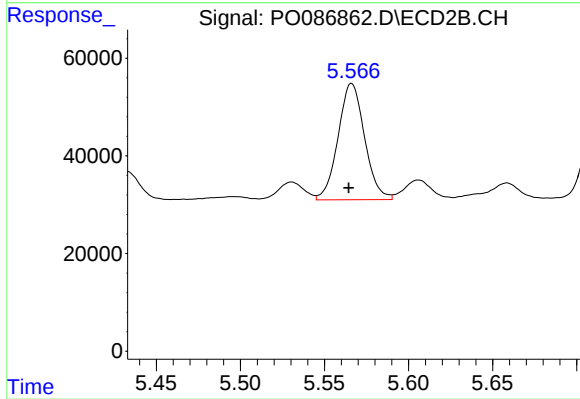
#19 AR-1242-4

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 330989
Conc: 578.42 ng/ml



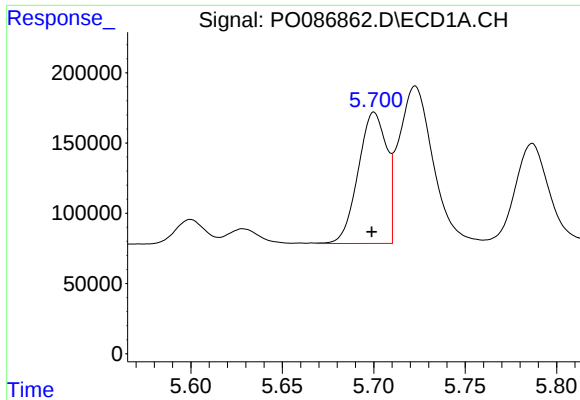
#20 AR-1242-5

R.T.: 6.630 min
Delta R.T.: 0.003 min
Response: 94074
Conc: 80.00 ng/ml



#20 AR-1242-5

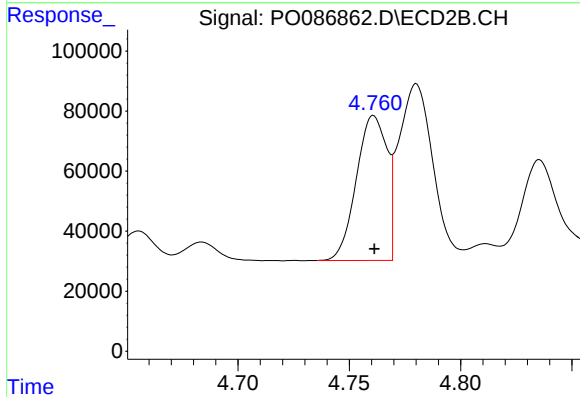
R.T.: 5.566 min
Delta R.T.: 0.002 min
Response: 261481
Conc: 389.35 ng/ml



#21 AR-1248-1

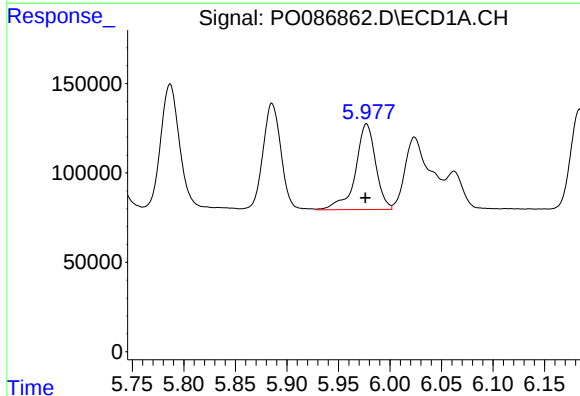
R.T.: 5.700 min
Delta R.T.: 0.001 min
Response: 1008422
Conc: 826.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



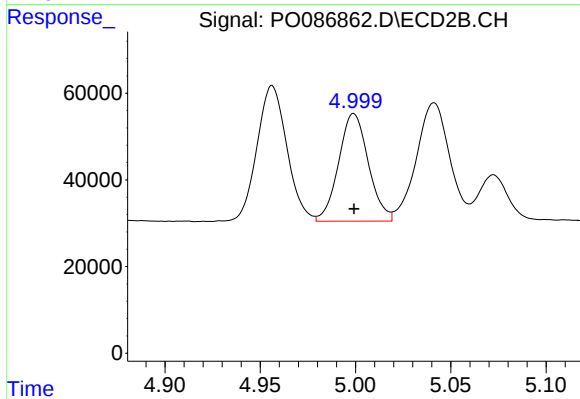
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 461332
Conc: 784.62 ng/ml



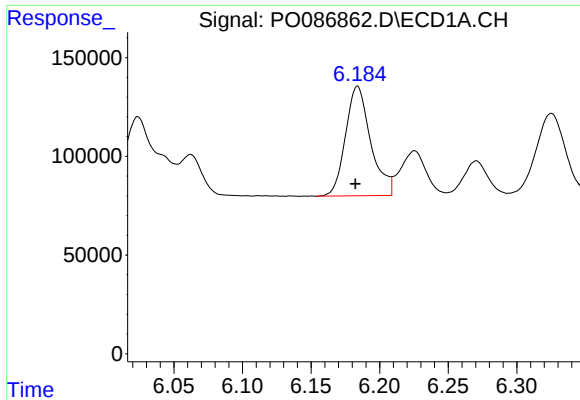
#22 AR-1248-2

R.T.: 5.977 min
Delta R.T.: 0.001 min
Response: 652828
Conc: 373.21 ng/ml



#22 AR-1248-2

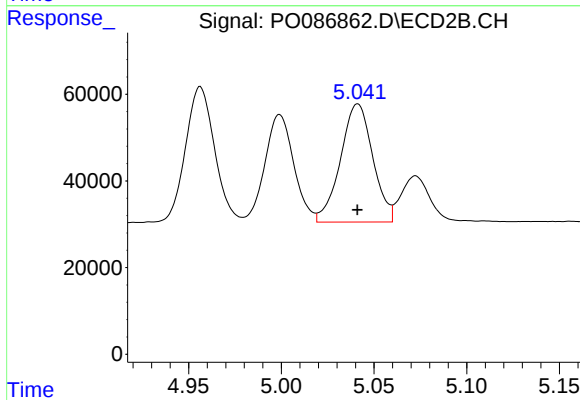
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 270245
Conc: 335.69 ng/ml



#23 AR-1248-3

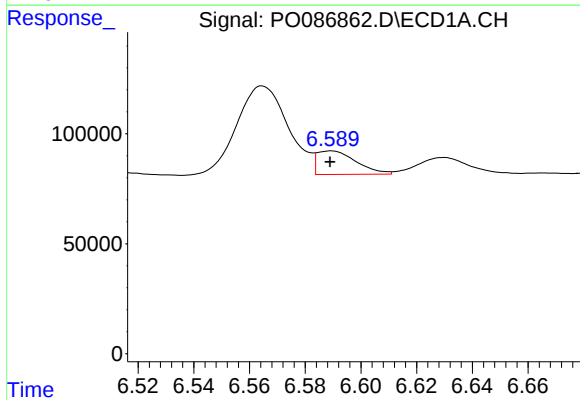
R.T.: 6.184 min
Delta R.T.: 0.002 min
Response: 709867
Conc: 367.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



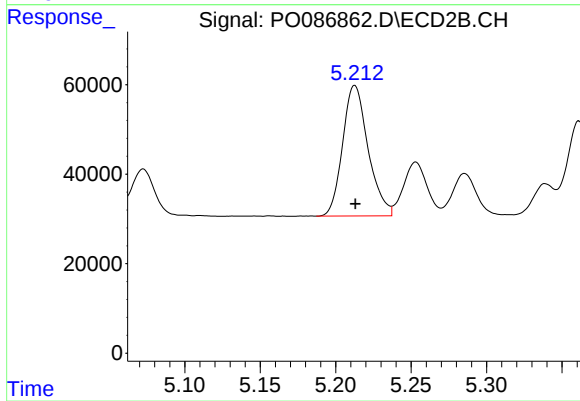
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 330989
Conc: 394.47 ng/ml



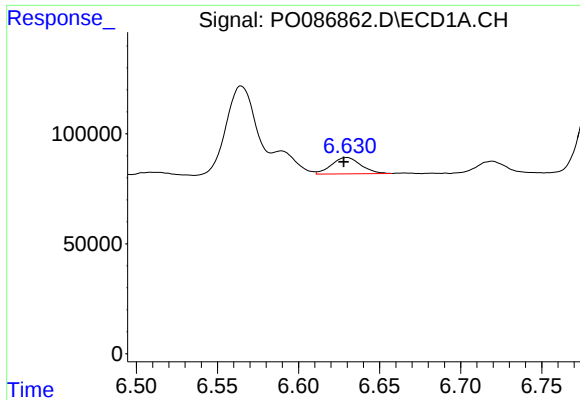
#24 AR-1248-4

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 104446
Conc: 48.63 ng/ml



#24 AR-1248-4

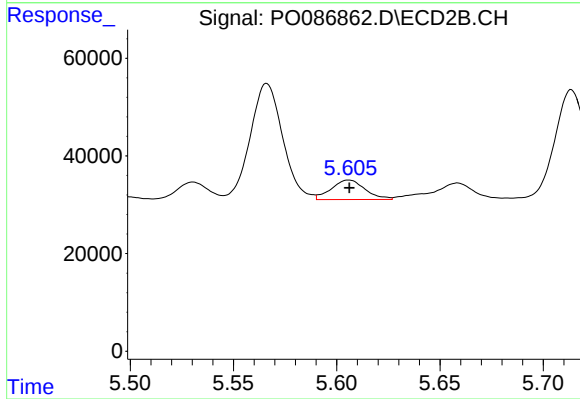
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 343187
Conc: 352.77 ng/ml



#25 AR-1248-5

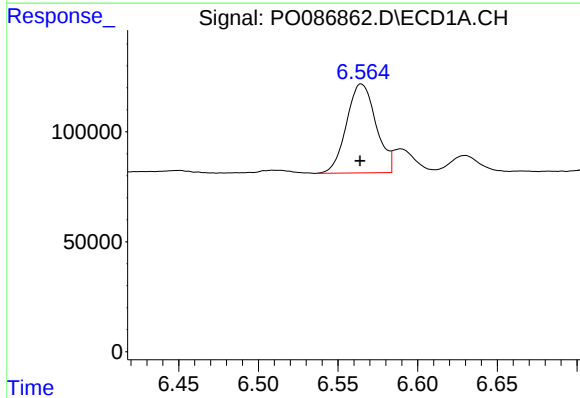
R.T.: 6.630 min
Delta R.T.: 0.002 min
Response: 94074
Conc: 45.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



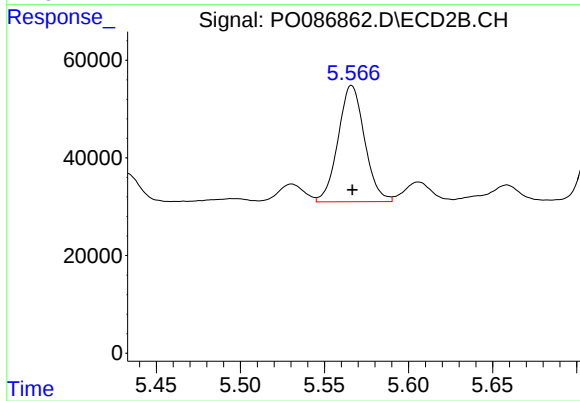
#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 45759
Conc: 49.22 ng/ml



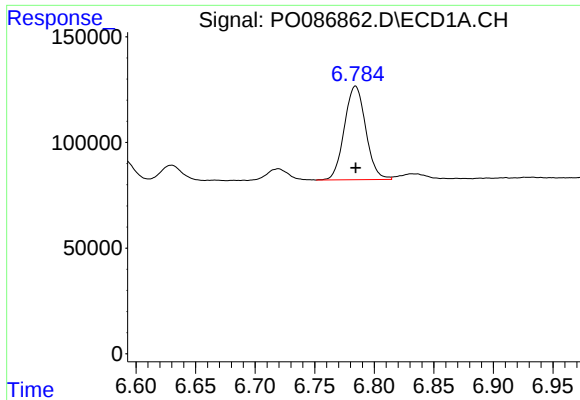
#26 AR-1254-1

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 520750
Conc: 234.37 ng/ml



#26 AR-1254-1

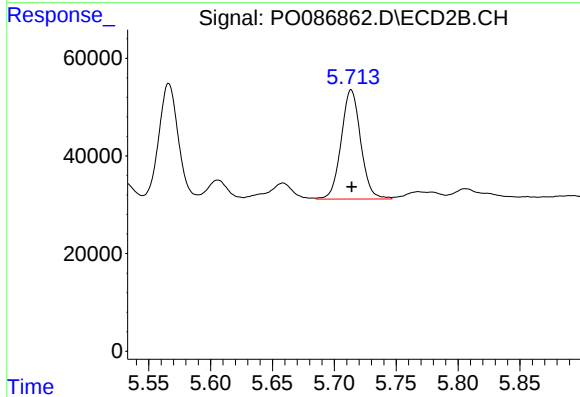
R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 261481
Conc: 181.81 ng/ml



#27 AR-1254-2

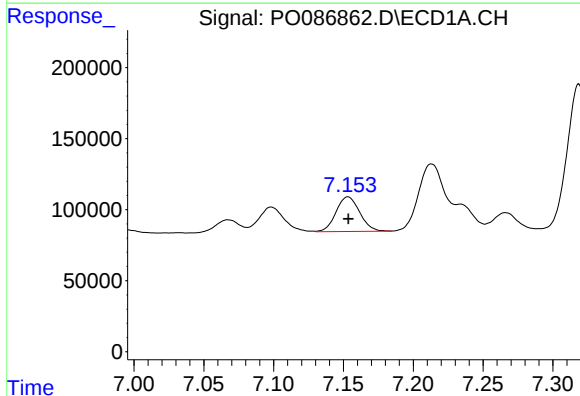
R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 553223
Conc: 161.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



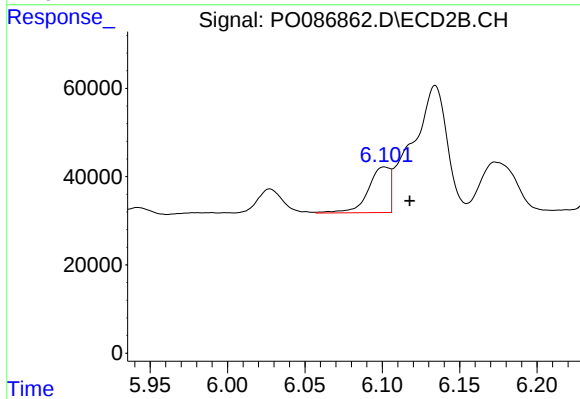
#27 AR-1254-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 246069
Conc: 198.61 ng/ml



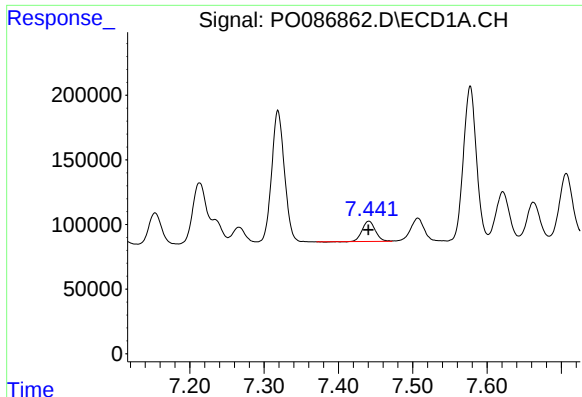
#28 AR-1254-3

R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 287394
Conc: 82.26 ng/ml



#28 AR-1254-3

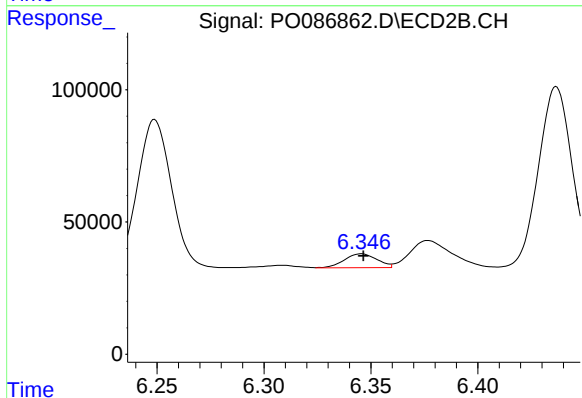
R.T.: 6.101 min
Delta R.T.: -0.016 min
Response: 100489
Conc: 50.03 ng/ml



#29 AR-1254-4

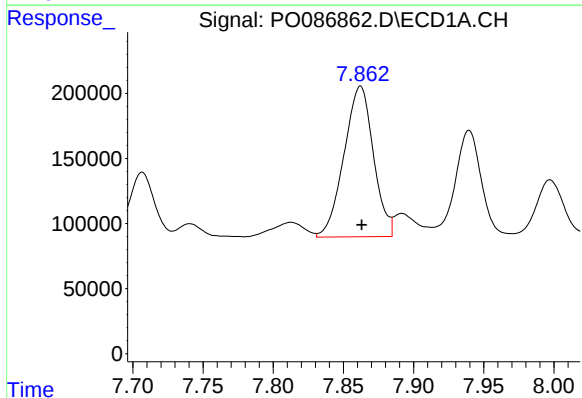
R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 193588
Conc: 75.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



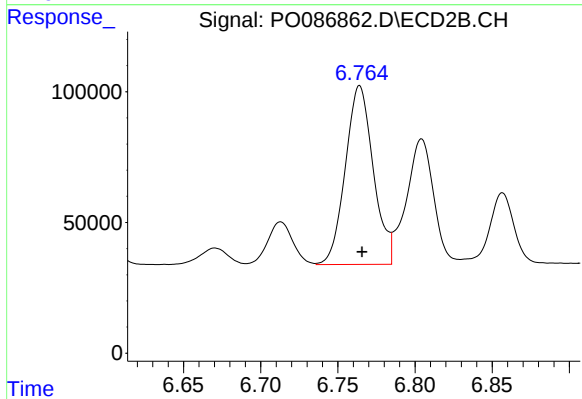
#29 AR-1254-4

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 56102
Conc: 45.46 ng/ml



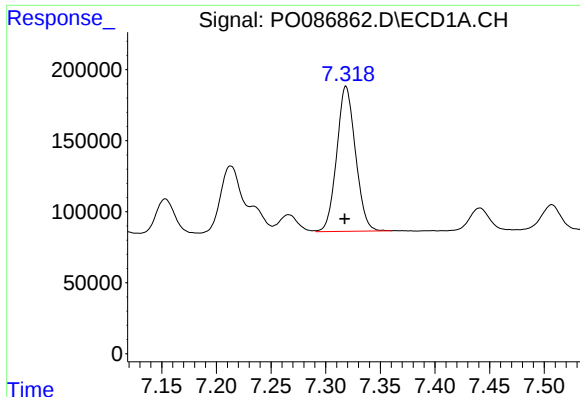
#30 AR-1254-5

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 1690824
Conc: 611.30 ng/ml



#30 AR-1254-5

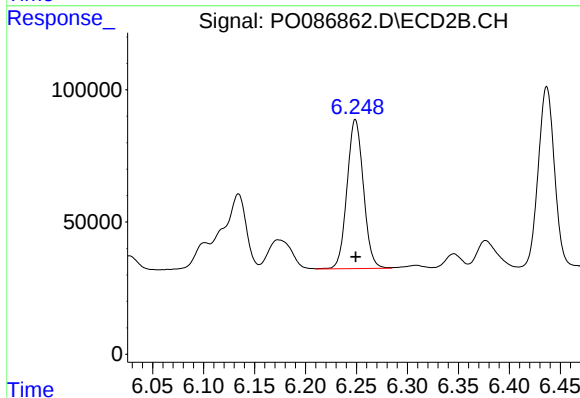
R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 860367
Conc: 496.71 ng/ml



#31 AR-1260-1

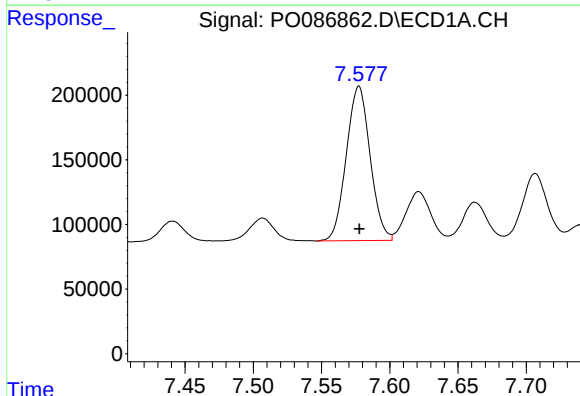
R.T.: 7.319 min
Delta R.T.: 0.001 min
Response: 1220769
Conc: 491.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



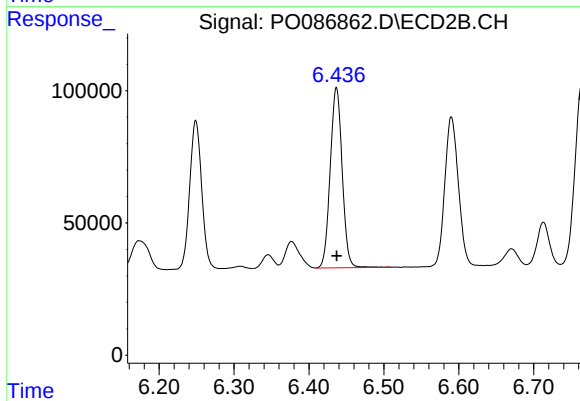
#31 AR-1260-1

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 631285
Conc: 487.49 ng/ml



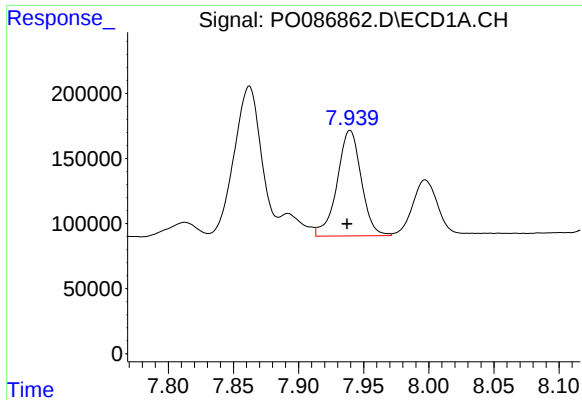
#32 AR-1260-2

R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 1453661
Conc: 428.78 ng/ml



#32 AR-1260-2

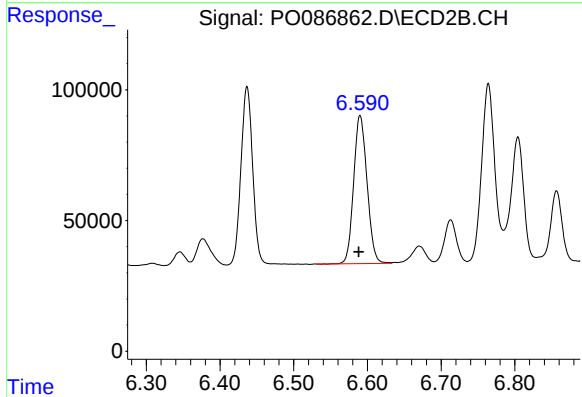
R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 756311
Conc: 489.65 ng/ml



#33 AR-1260-3

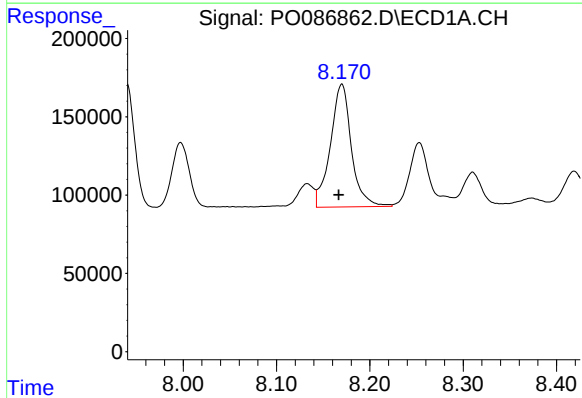
R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 1047558
Conc: 484.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



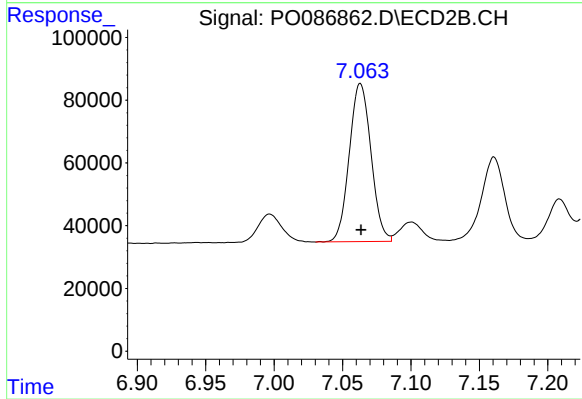
#33 AR-1260-3

R.T.: 6.590 min
Delta R.T.: 0.002 min
Response: 714796
Conc: 411.31 ng/ml



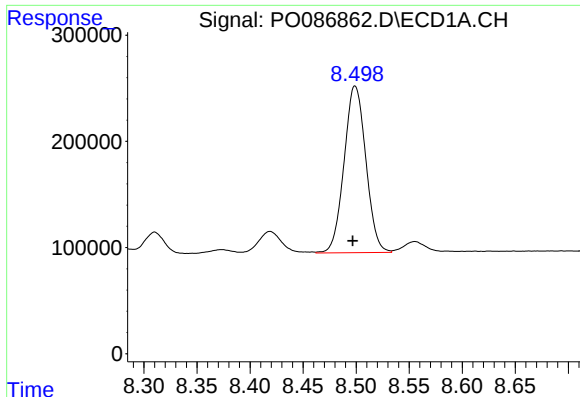
#34 AR-1260-4

R.T.: 8.170 min
Delta R.T.: 0.003 min
Response: 1225750
Conc: 477.01 ng/ml



#34 AR-1260-4

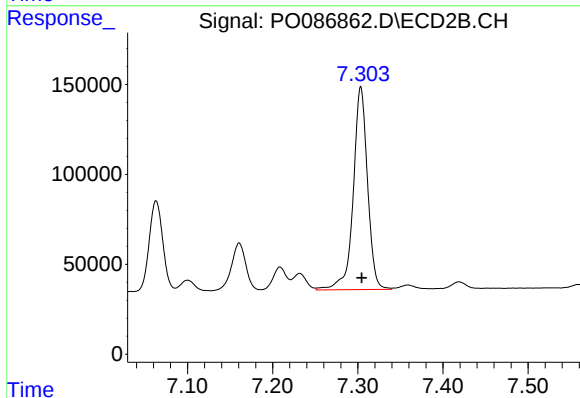
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 557577
Conc: 489.88 ng/ml



#35 AR-1260-5

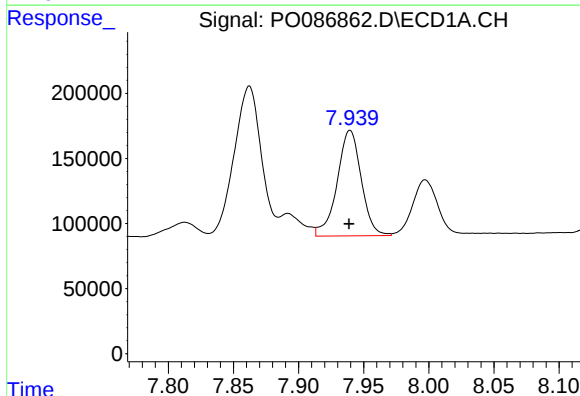
R.T.: 8.499 min
Delta R.T.: 0.002 min
Response: 2247646
Conc: 473.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



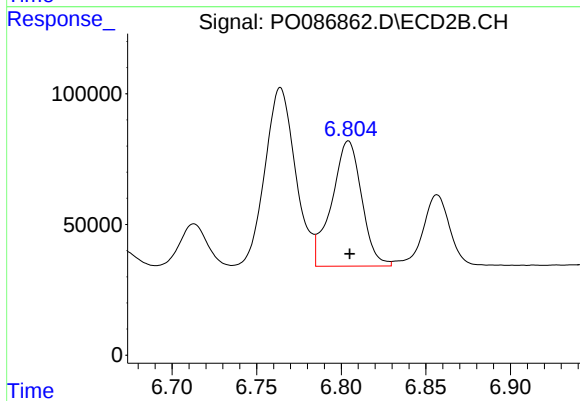
#35 AR-1260-5

R.T.: 7.304 min
Delta R.T.: -0.001 min
Response: 1317049
Conc: 495.91 ng/ml



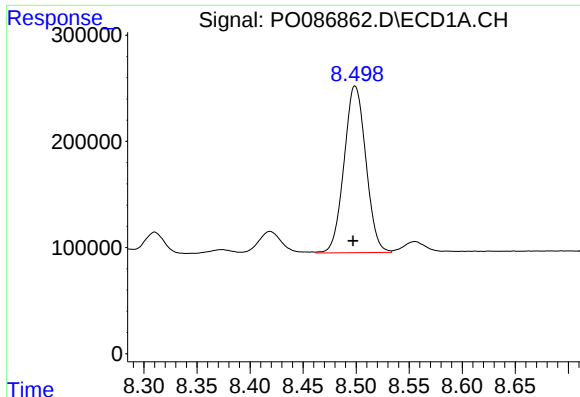
#36 AR-1262-1

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 1047558
Conc: 315.41 ng/ml



#36 AR-1262-1

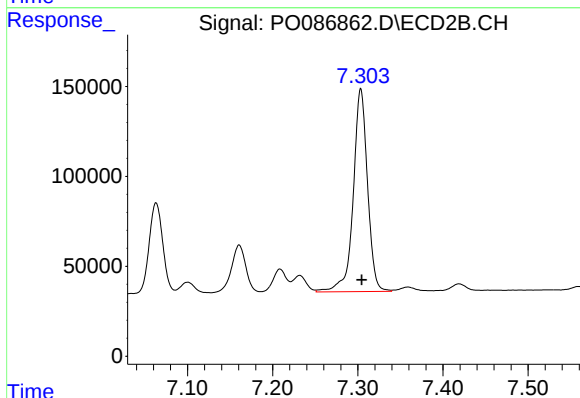
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 590866
Conc: 341.71 ng/ml



#37 AR-1262-2

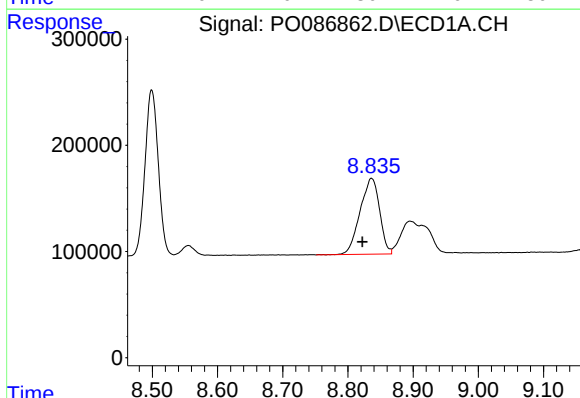
R.T.: 8.499 min
Delta R.T.: 0.002 min
Response: 2247646
Conc: 392.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



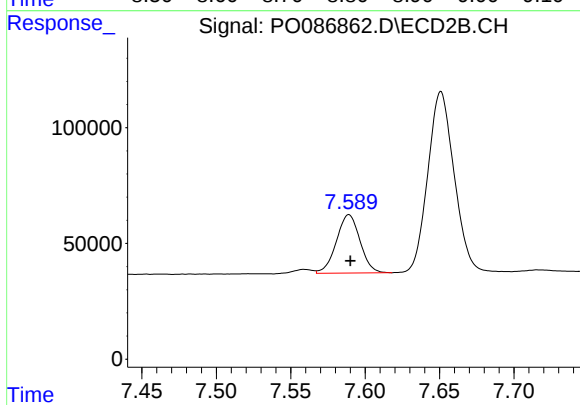
#37 AR-1262-2

R.T.: 7.304 min
Delta R.T.: -0.001 min
Response: 1317049
Conc: 438.57 ng/ml



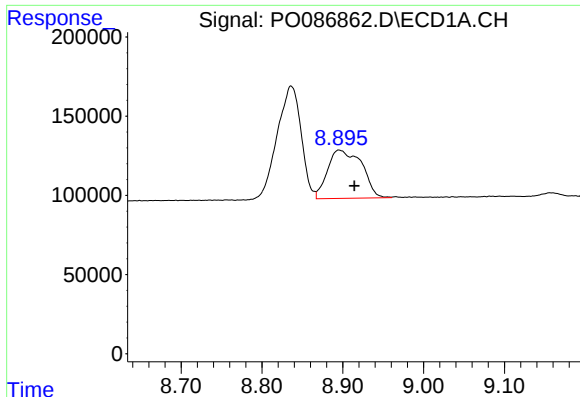
#38 AR-1262-3

R.T.: 8.836 min
Delta R.T.: 0.014 min
Response: 1481699
Conc: 376.30 ng/ml



#38 AR-1262-3

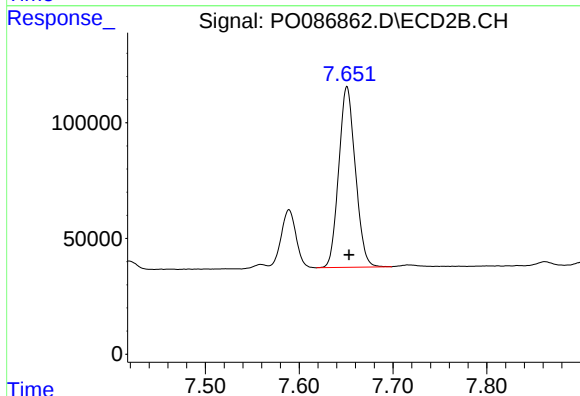
R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 279266
Conc: 232.94 ng/ml



#39 AR-1262-4

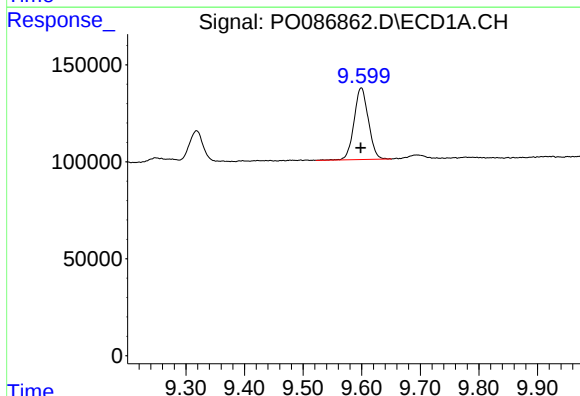
R.T.: 8.895 min
Delta R.T.: -0.019 min
Response: 898458
Conc: 300.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



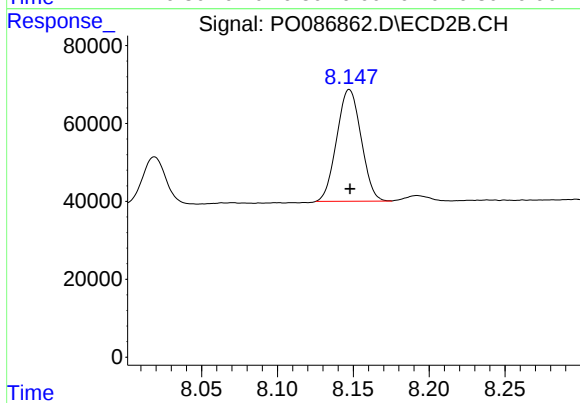
#39 AR-1262-4

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 960670
Conc: 439.53 ng/ml



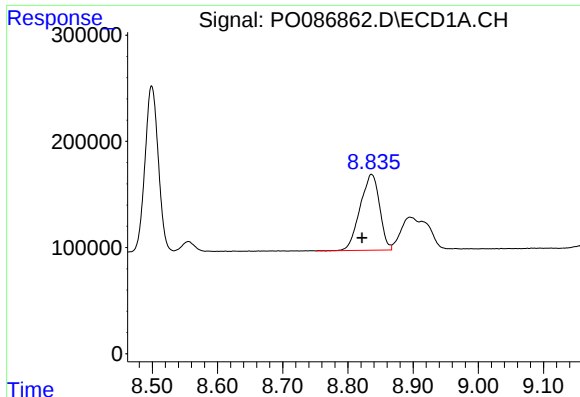
#40 AR-1262-5

R.T.: 9.599 min
Delta R.T.: 0.001 min
Response: 628510
Conc: 303.96 ng/ml



#40 AR-1262-5

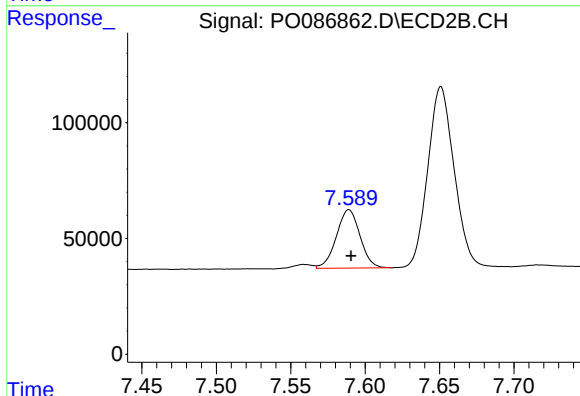
R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 321648
Conc: 318.90 ng/ml



#41 AR-1268-1

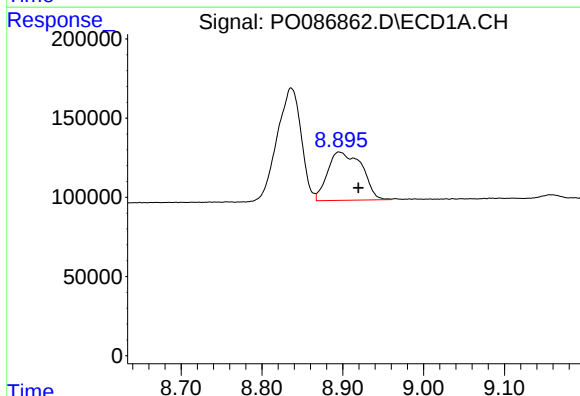
R.T.: 8.836 min
Delta R.T.: 0.014 min
Response: 1481699
Conc: 210.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



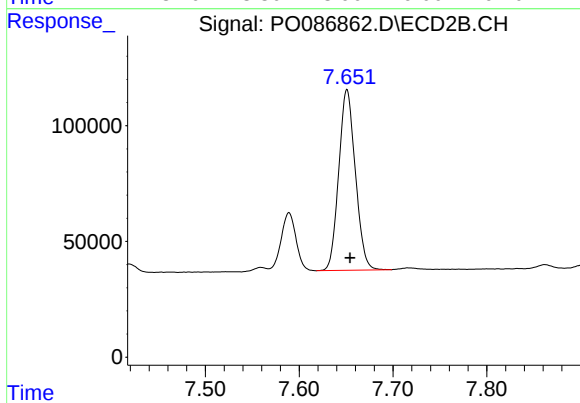
#41 AR-1268-1

R.T.: 7.589 min
Delta R.T.: -0.001 min
Response: 279266
Conc: 81.49 ng/ml



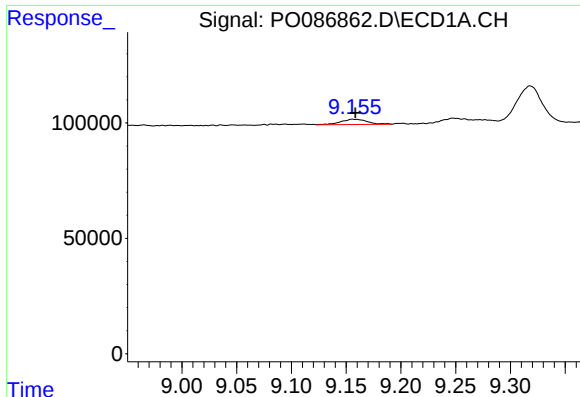
#42 AR-1268-2

R.T.: 8.895 min
Delta R.T.: -0.024 min
Response: 898458
Conc: 140.32 ng/ml



#42 AR-1268-2

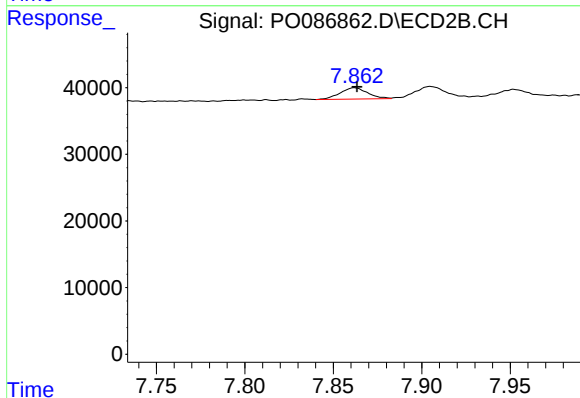
R.T.: 7.651 min
Delta R.T.: -0.003 min
Response: 960670
Conc: 306.33 ng/ml



#43 AR-1268-3

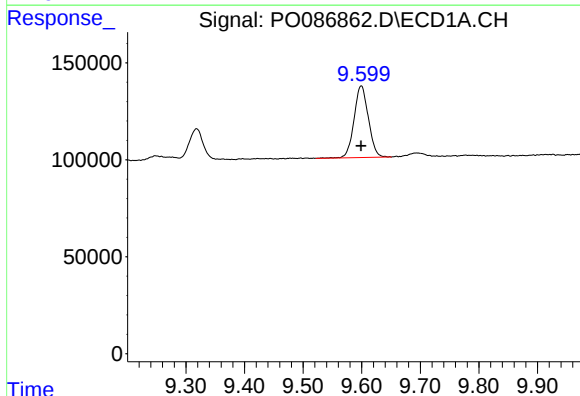
R.T.: 9.156 min
Delta R.T.: -0.002 min
Response: 39030
Conc: 7.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



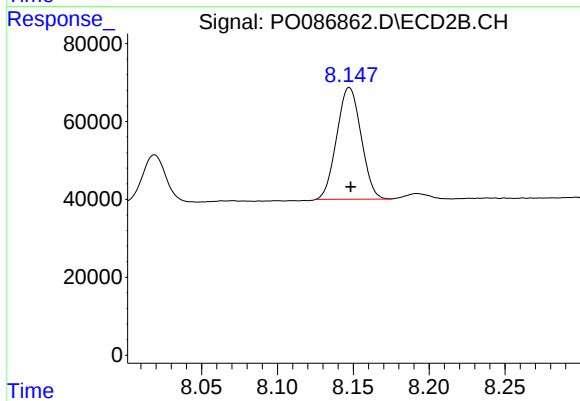
#43 AR-1268-3

R.T.: 7.862 min
Delta R.T.: -0.001 min
Response: 18374
Conc: 6.94 ng/ml



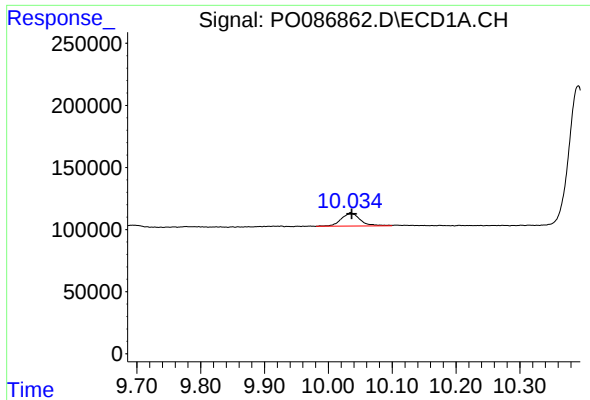
#44 AR-1268-4

R.T.: 9.599 min
Delta R.T.: 0.000 min
Response: 628510
Conc: 266.15 ng/ml



#44 AR-1268-4

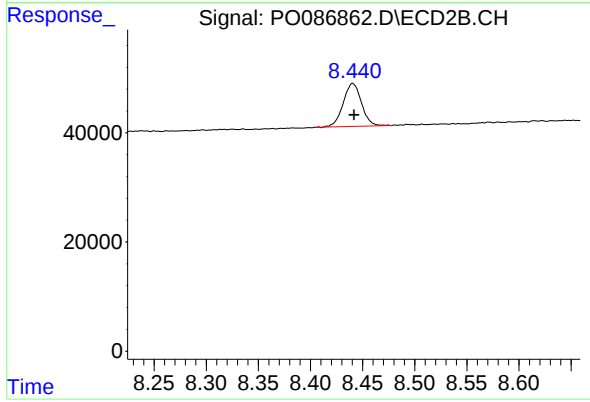
R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 321648
Conc: 281.57 ng/ml



#45 AR-1268-5

R.T.: 10.035 min
Delta R.T.: -0.001 min
Response: 219580
Conc: 12.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: -0.001 min
Response: 96450
Conc: 11.04 ng/ml