

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
 Data File : P0060432.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Sep 2019 16:16
 Operator : SM/AJ
 Sample : K4680-11DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 17:09:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 16:33:49 2019
 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...	4.141	3.486	14865	443582	0.425	12.323 #
2)	SA Decachlor...	9.553	8.336	599864	512026	11.276	12.699
Target Compounds							
3)	L1 AR-1016-1	5.254	4.534	164305	112961	102.443	83.555
4)	L1 AR-1016-2	5.276	4.551	302264	144039	126.339	71.911 #
5)	L1 AR-1016-3	5.339	4.724	130903	139154	87.882	128.625 #
6)	L1 AR-1016-4	5.430	4.763	160872	497176	132.980	550.588 #
7)	L1 AR-1016-5	5.719	4.970	969129	700026	754.692	607.700
8)	L2 AR-1221-1	4.406	0.000	12776	0	30.171	N.D. #
9)	L2 AR-1221-2	4.406	0.000	12776	0	39.337	N.D. #
10)	L2 AR-1221-3	4.479	3.893	33079	45647	31.448	46.652 #
11)	L3 AR-1232-1	4.479	3.893	33079	45647	26.539	40.036 #
12)	L3 AR-1232-2	4.991	4.581	121907	82784	172.577	65.001 #
13)	L3 AR-1232-3	5.276	4.724	302264	139154	197.382	204.364
14)	L3 AR-1232-4	5.519	4.832	740147	197530	946.624	323.790 #
15)	L3 AR-1232-5	5.598	4.970	273182	700026	454.447	1028.337 #
16)	L4 AR-1242-1	5.276	4.581	302264	82784	238.094	80.477 #
17)	L4 AR-1242-2	5.276	4.581	302264	82784	162.889	54.353 #
18)	L4 AR-1242-3	5.339	4.724	130903	139154	111.994	166.551 #
19)	L4 AR-1242-4	5.519	4.832	740147	197530	764.712	236.738 #
20)	L4 AR-1242-5	6.238	5.313	253919	1269342	202.069	1134.756 #
21)	L5 AR-1248-1	5.276	4.551	302264	144039	301.495	173.955 #
22)	L5 AR-1248-2	5.519	4.763	740147	497176	510.127	431.155
23)	L5 AR-1248-3	5.719	4.832	969129	197530	583.094	166.306 #
24)	L5 AR-1248-4	6.154	4.970	1170381	700026	572.565	481.752
25)	L5 AR-1248-5	6.154	5.313	1170381	1269342	590.184	886.854 #
26)	L6 AR-1254-1	6.117	5.313	1107682	1269342	530.901	535.180
27)	L6 AR-1254-2	6.307	5.458	1847061	655137	553.634	312.222 #
28)	L6 AR-1254-3	6.668	5.898	2424917	390830	683.372	116.232 #
29)	L6 AR-1254-4	6.950	6.106	1412124	473310	479.412	229.558 #
30)	L6 AR-1254-5	7.393	6.519	586771	1603604	189.746	516.463 #
31)	L7 AR-1260-1	6.825	5.978	1912675	1736111	709.497	761.818
32)	L7 AR-1260-2	7.079	6.165	2101119	1444657	566.266	493.078
33)	L7 AR-1260-3	7.433	6.313	1888819	1422699	576.504	537.043
34)	L7 AR-1260-4	7.658	6.775	2414262	1279927	786.066	565.694 #
35)	L7 AR-1260-5	7.967	7.019	4145586	3537538	585.460	642.801
36)	L8 AR-1262-1	7.491	6.519	979604	1603604	201.859	430.203 #
37)	L8 AR-1262-2	8.011	7.019	411645	3537538	53.350	601.719 #
38)	L8 AR-1262-3	8.310	7.291	1792702	806369	351.351	317.347
39)	L8 AR-1262-4	8.310	7.357	1792702	2492242	465.066	563.990
40)	L8 AR-1262-5	8.915	7.849	1040929	886080	405.573	490.751
41)	L9 AR-1268-1	8.310	7.291	1792702	806369	190.497	113.239 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
Data File : P0060432.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 06 Sep 2019 16:16
Operator : SM/AJ
Sample : K4680-11DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

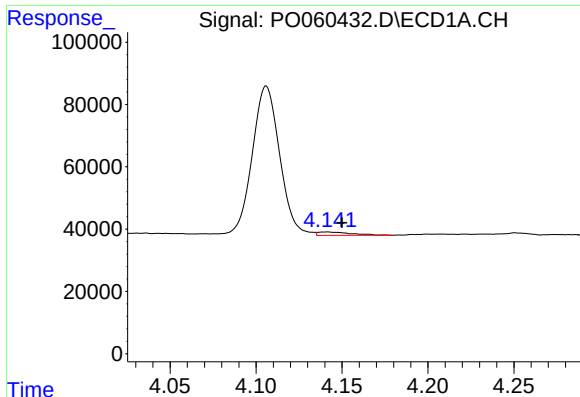
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 17:09:21 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 06 16:33:49 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.310	7.357	1792702	2492242	227.423	386.514 #
43)	L9 AR-1268-3	8.621	7.617	222545	33554	31.572	6.132 #
44)	L9 AR-1268-4	8.915	7.849	1040929	886080	374.429	434.078
45)	L9 AR-1268-5	9.385	8.114	215561	348542	11.688	23.989 #

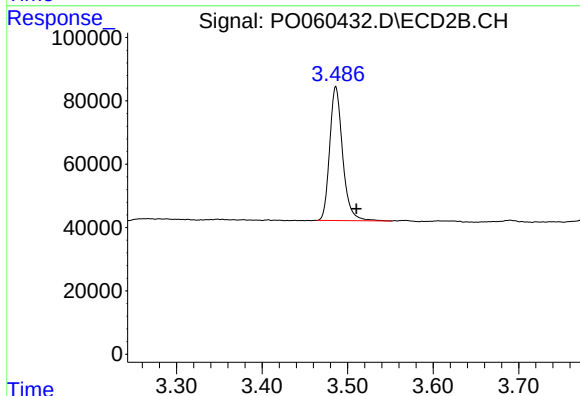
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

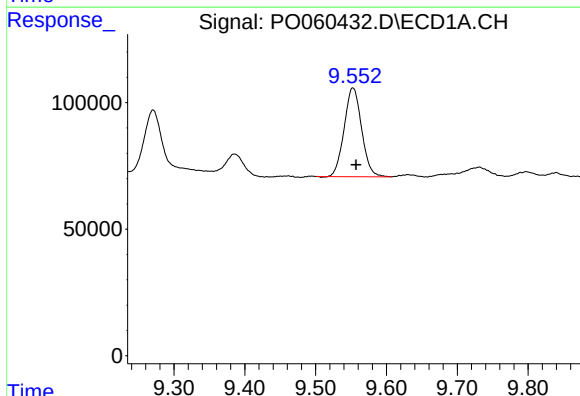
R.T.: 4.141 min
Delta R.T.: -0.009 min
Response: 14865
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



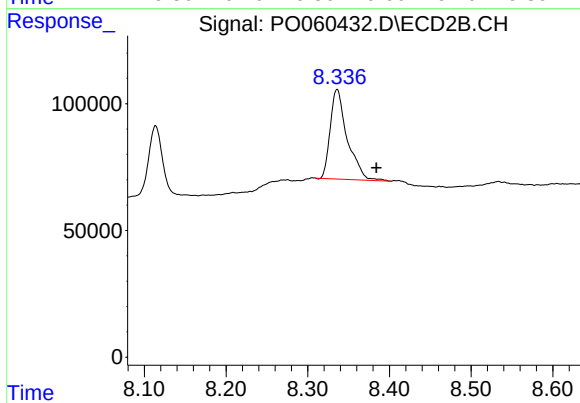
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: -0.024 min
Response: 443582
Conc: 12.32 ng/ml



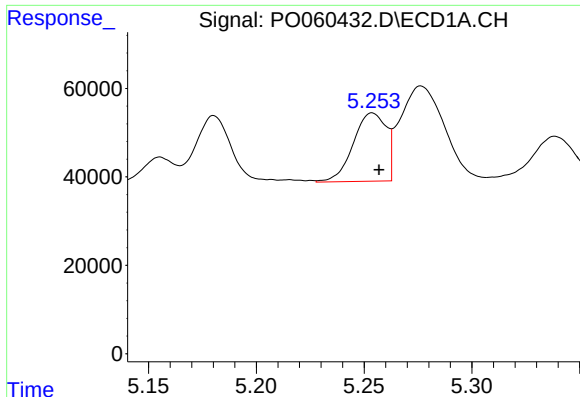
#2 Decachlorobiphenyl

R.T.: 9.553 min
Delta R.T.: -0.004 min
Response: 599864
Conc: 11.28 ng/ml



#2 Decachlorobiphenyl

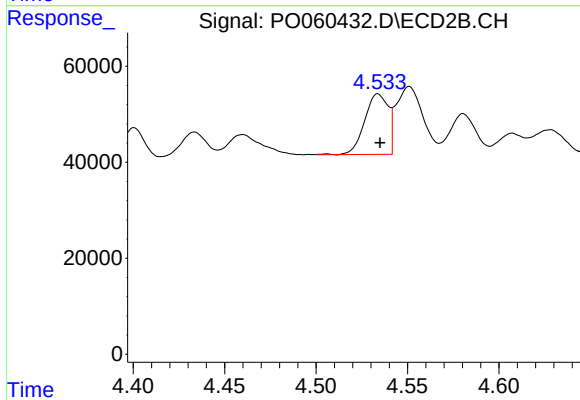
R.T.: 8.336 min
Delta R.T.: -0.048 min
Response: 512026
Conc: 12.70 ng/ml



#3 AR-1016-1

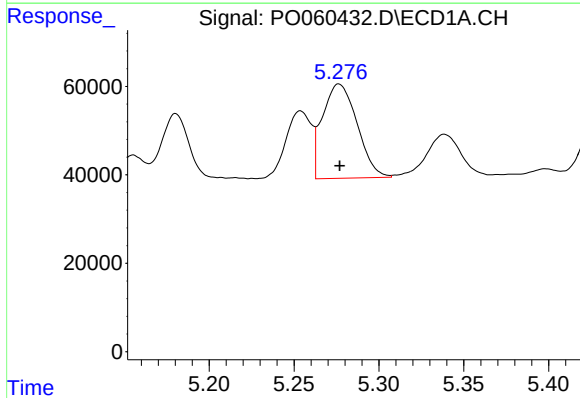
R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 164305
Conc: 102.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



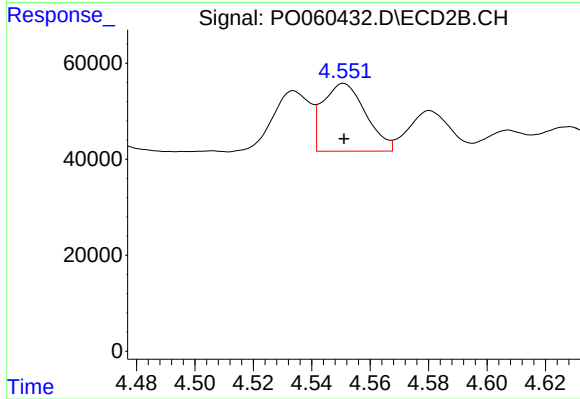
#3 AR-1016-1

R.T.: 4.534 min
Delta R.T.: -0.001 min
Response: 112961
Conc: 83.56 ng/ml



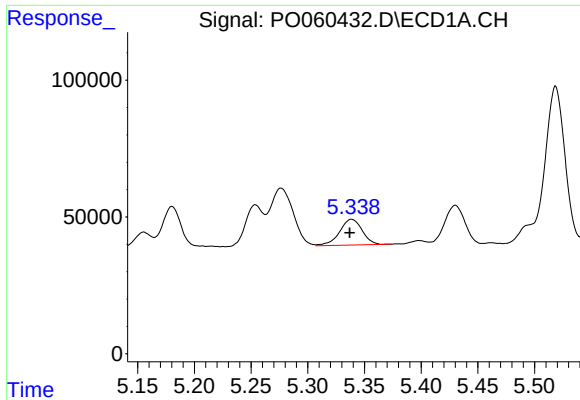
#4 AR-1016-2

R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 302264
Conc: 126.34 ng/ml



#4 AR-1016-2

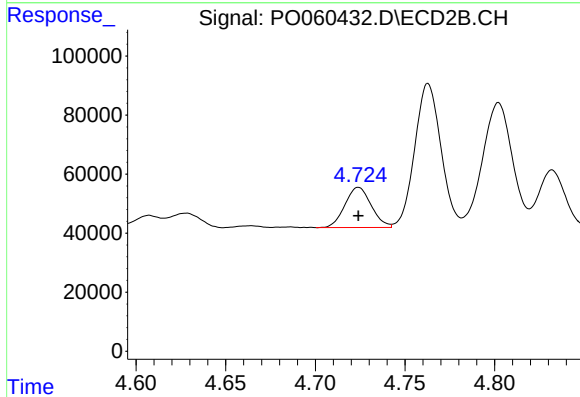
R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 144039
Conc: 71.91 ng/ml



#5 AR-1016-3

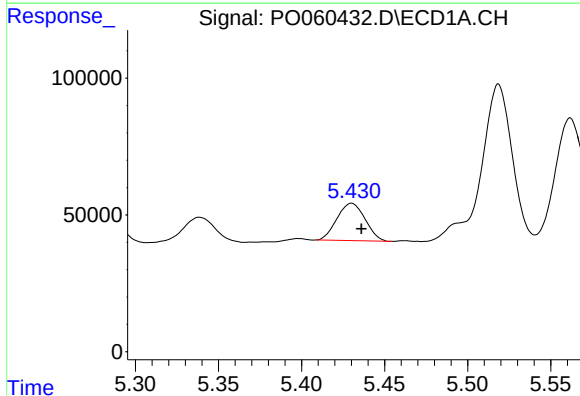
R.T.: 5.339 min
Delta R.T.: 0.002 min
Response: 130903
Conc: 87.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



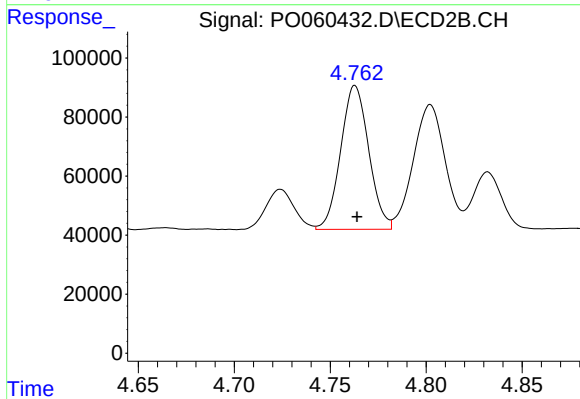
#5 AR-1016-3

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 139154
Conc: 128.62 ng/ml



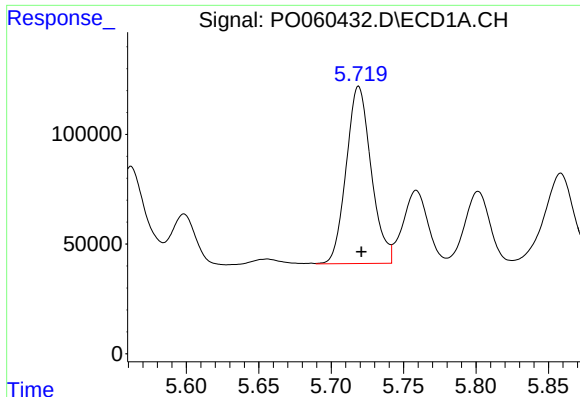
#6 AR-1016-4

R.T.: 5.430 min
Delta R.T.: -0.006 min
Response: 160872
Conc: 132.98 ng/ml



#6 AR-1016-4

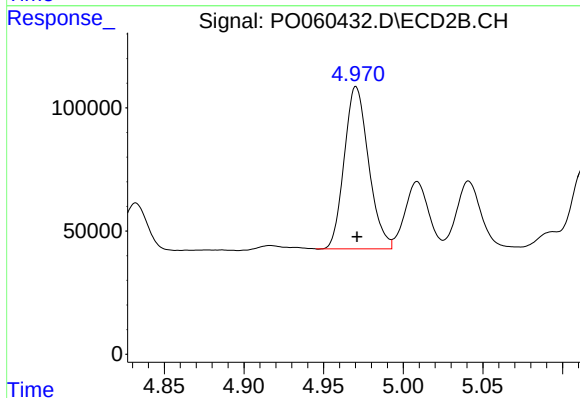
R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 497176
Conc: 550.59 ng/ml



#7 AR-1016-5

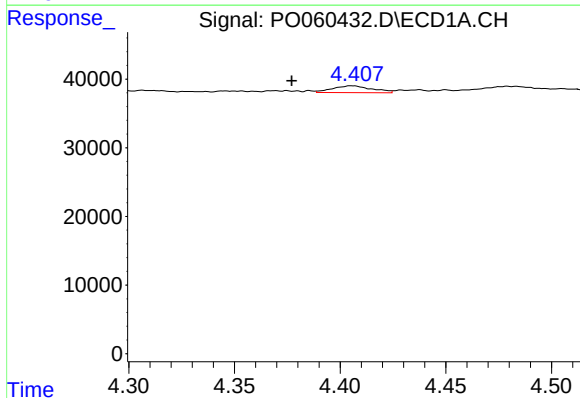
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 969129
Conc: 754.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



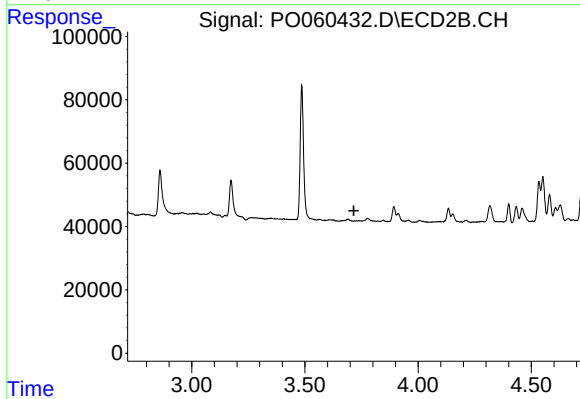
#7 AR-1016-5

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 700026
Conc: 607.70 ng/ml



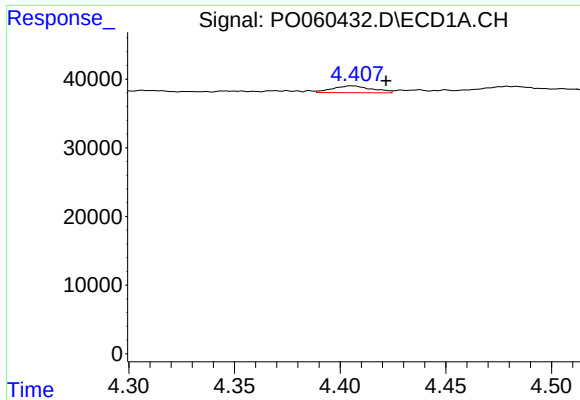
#8 AR-1221-1

R.T.: 4.406 min
Delta R.T.: 0.029 min
Response: 12776
Conc: 30.17 ng/ml



#8 AR-1221-1

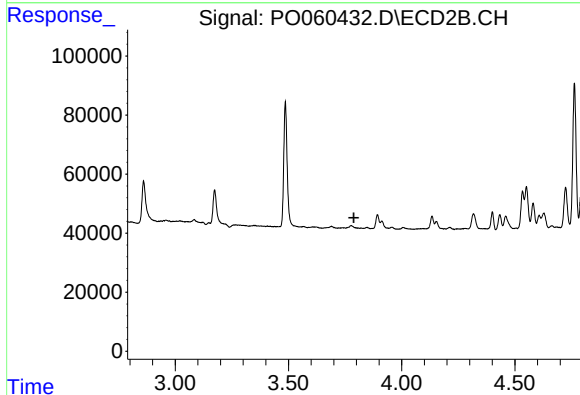
R.T.: 0.000 min
Exp R.T.: 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

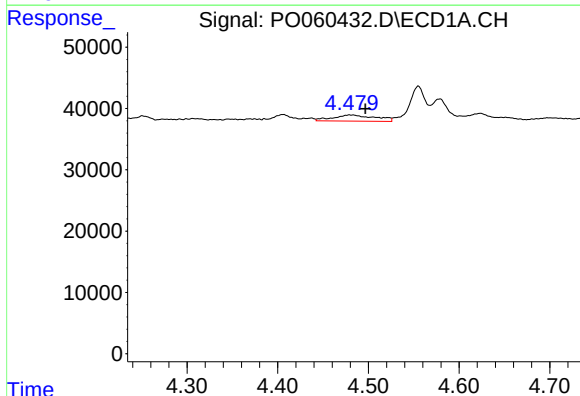
R.T.: 4.406 min
Delta R.T.: -0.016 min
Response: 12776
Conc: 39.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



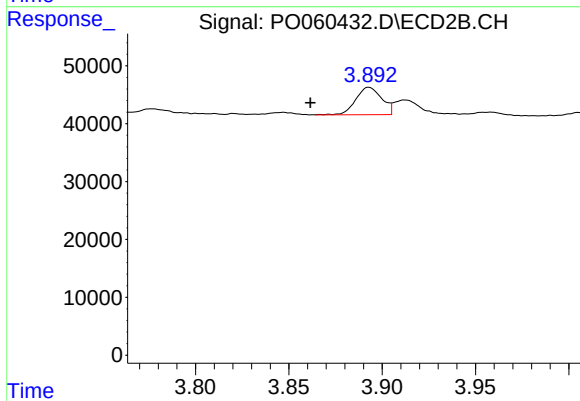
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



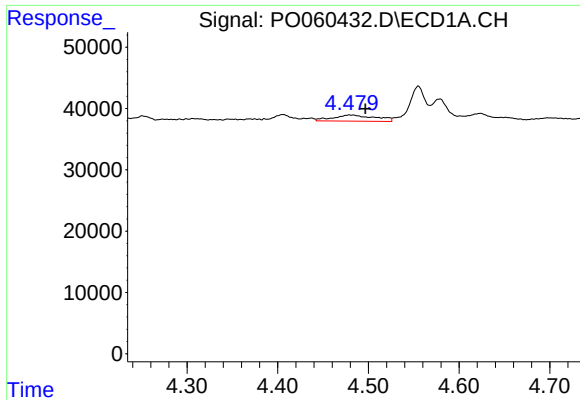
#10 AR-1221-3

R.T.: 4.479 min
Delta R.T.: -0.017 min
Response: 33079
Conc: 31.45 ng/ml



#10 AR-1221-3

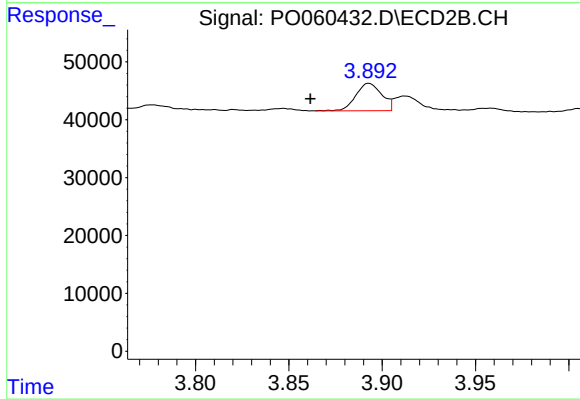
R.T.: 3.893 min
Delta R.T.: 0.031 min
Response: 45647
Conc: 46.65 ng/ml



#11 AR-1232-1

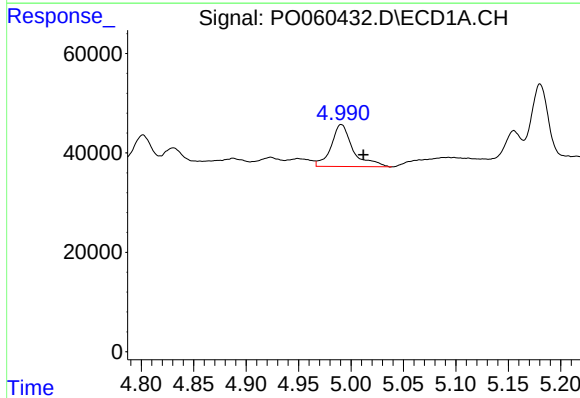
R.T.: 4.479 min
Delta R.T.: -0.017 min
Response: 33079
Conc: 26.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



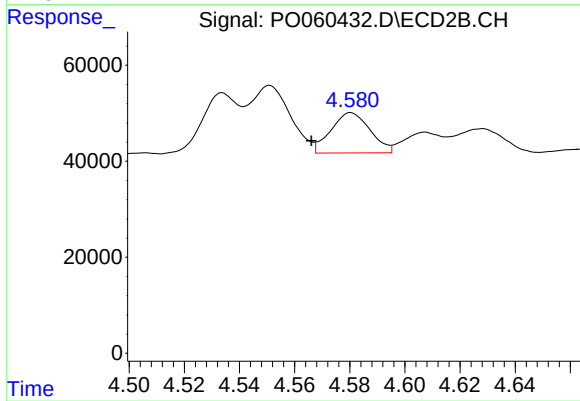
#11 AR-1232-1

R.T.: 3.893 min
Delta R.T.: 0.031 min
Response: 45647
Conc: 40.04 ng/ml



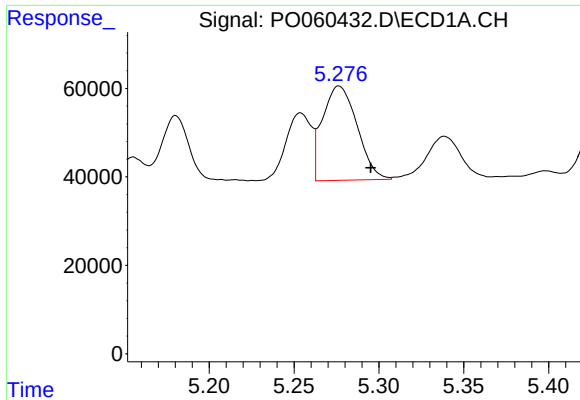
#12 AR-1232-2

R.T.: 4.991 min
Delta R.T.: -0.021 min
Response: 121907
Conc: 172.58 ng/ml



#12 AR-1232-2

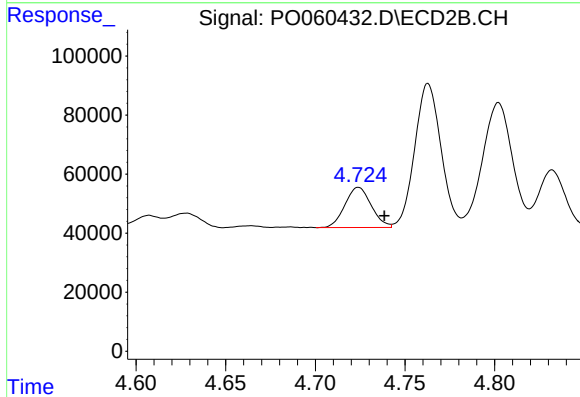
R.T.: 4.581 min
Delta R.T.: 0.014 min
Response: 82784
Conc: 65.00 ng/ml



#13 AR-1232-3

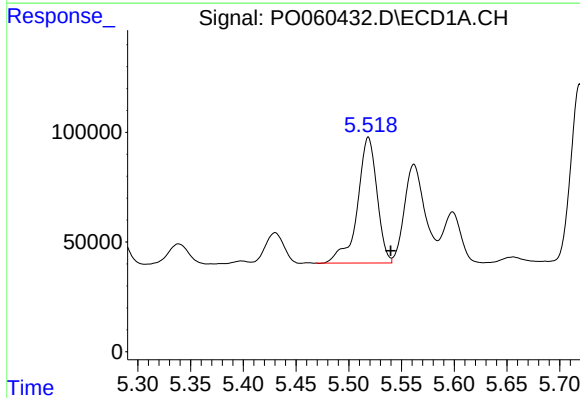
R.T.: 5.276 min
Delta R.T.: -0.019 min
Response: 302264
Conc: 197.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



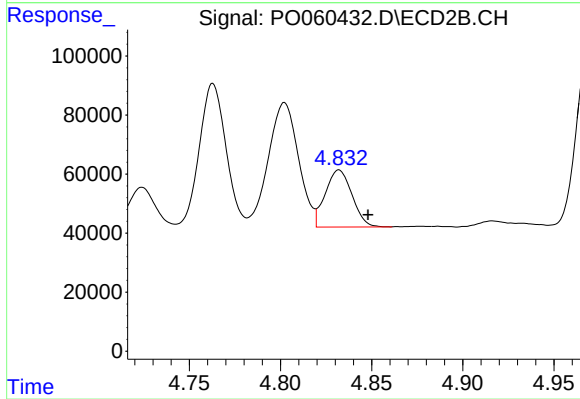
#13 AR-1232-3

R.T.: 4.724 min
Delta R.T.: -0.014 min
Response: 139154
Conc: 204.36 ng/ml



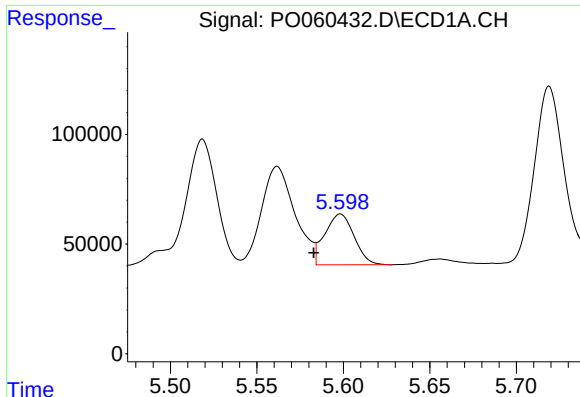
#14 AR-1232-4

R.T.: 5.519 min
Delta R.T.: -0.021 min
Response: 740147
Conc: 946.62 ng/ml



#14 AR-1232-4

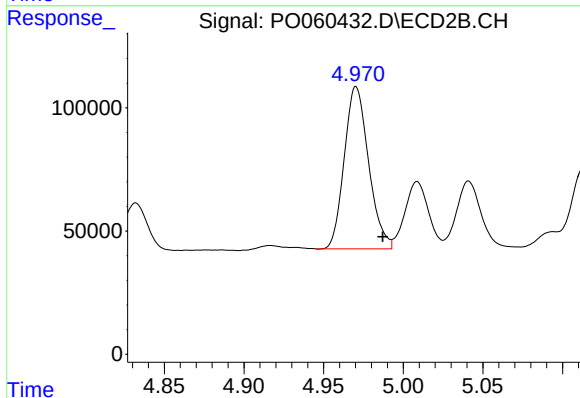
R.T.: 4.832 min
Delta R.T.: -0.016 min
Response: 197530
Conc: 323.79 ng/ml



#15 AR-1232-5

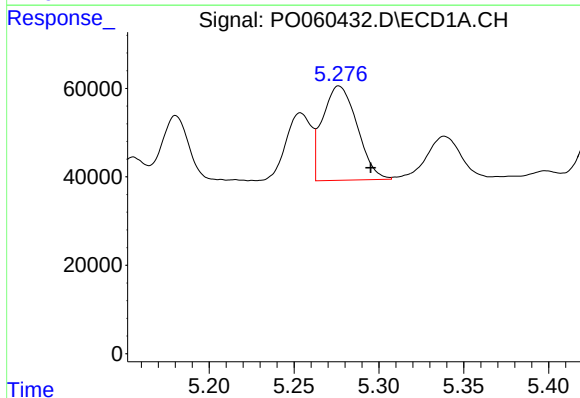
R.T.: 5.598 min
Delta R.T.: 0.015 min
Response: 273182
Conc: 454.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



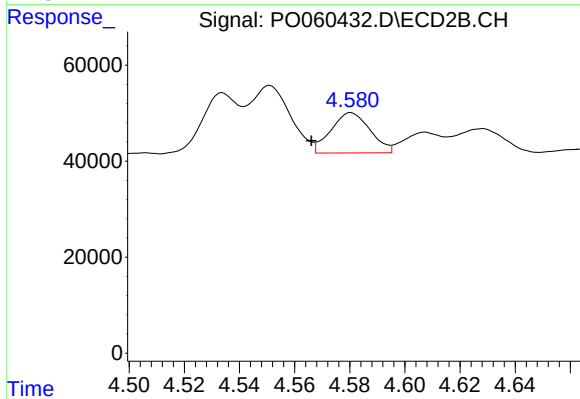
#15 AR-1232-5

R.T.: 4.970 min
Delta R.T.: -0.017 min
Response: 700026
Conc: 1028.34 ng/ml



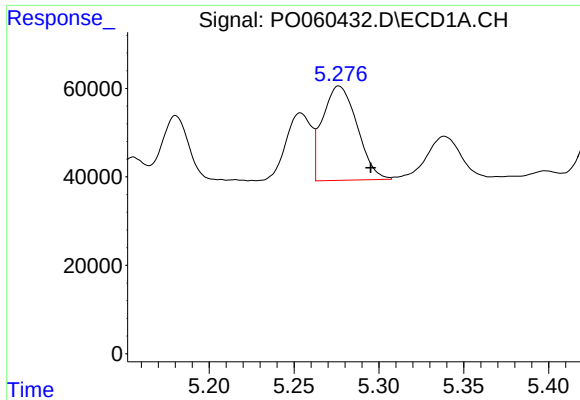
#16 AR-1242-1

R.T.: 5.276 min
Delta R.T.: -0.019 min
Response: 302264
Conc: 238.09 ng/ml



#16 AR-1242-1

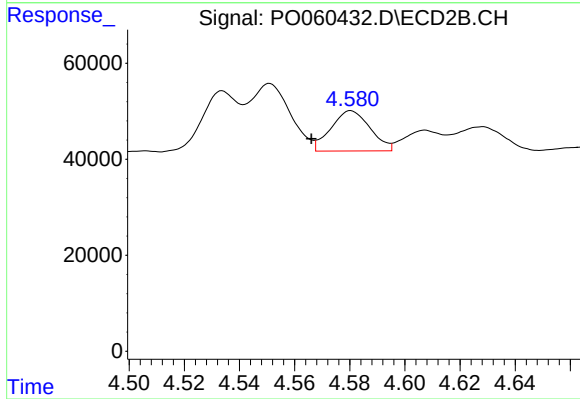
R.T.: 4.581 min
Delta R.T.: 0.014 min
Response: 82784
Conc: 80.48 ng/ml



#17 AR-1242-2

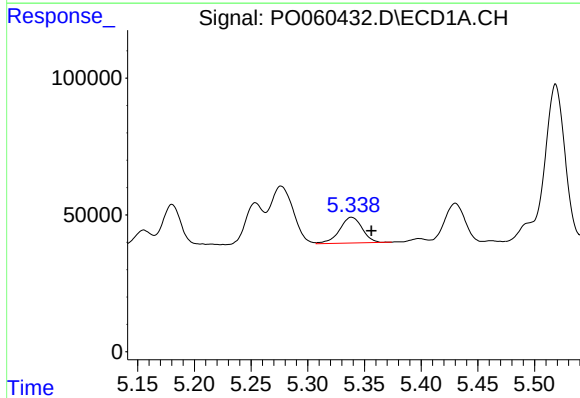
R.T.: 5.276 min
Delta R.T.: -0.019 min
Response: 302264
Conc: 162.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



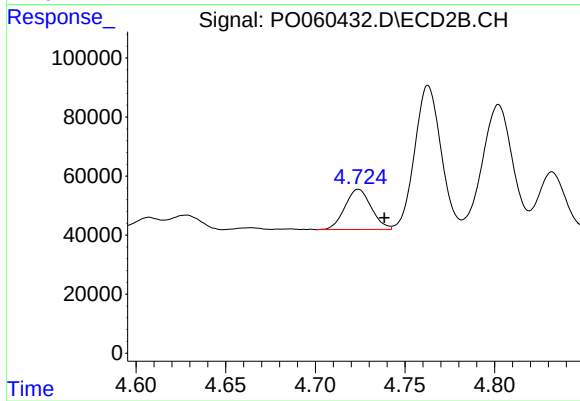
#17 AR-1242-2

R.T.: 4.581 min
Delta R.T.: 0.014 min
Response: 82784
Conc: 54.35 ng/ml



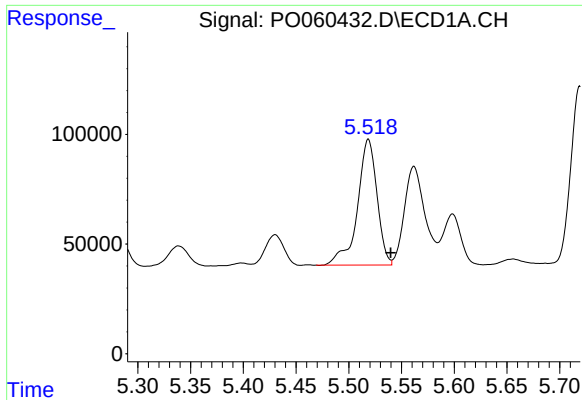
#18 AR-1242-3

R.T.: 5.339 min
Delta R.T.: -0.017 min
Response: 130903
Conc: 111.99 ng/ml



#18 AR-1242-3

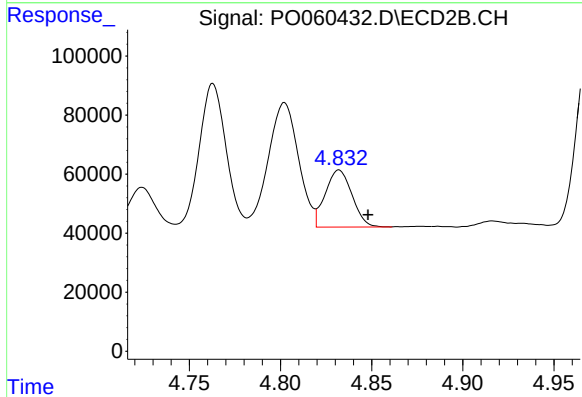
R.T.: 4.724 min
Delta R.T.: -0.014 min
Response: 139154
Conc: 166.55 ng/ml



#19 AR-1242-4

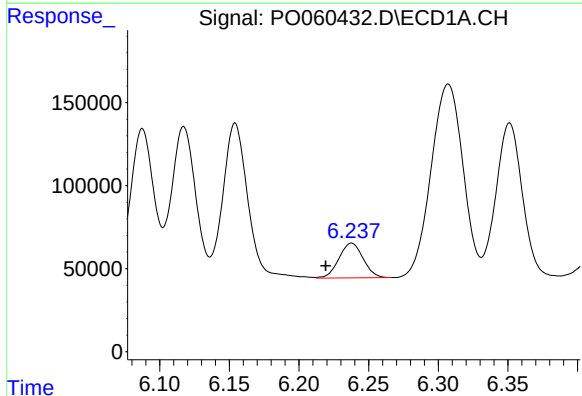
R.T.: 5.519 min
Delta R.T.: -0.021 min
Response: 740147
Conc: 764.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



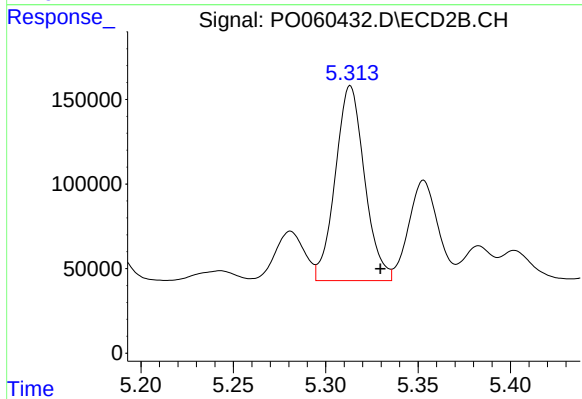
#19 AR-1242-4

R.T.: 4.832 min
Delta R.T.: -0.016 min
Response: 197530
Conc: 236.74 ng/ml



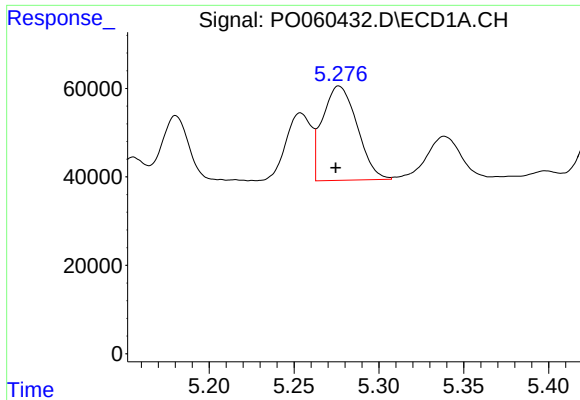
#20 AR-1242-5

R.T.: 6.238 min
Delta R.T.: 0.019 min
Response: 253919
Conc: 202.07 ng/ml



#20 AR-1242-5

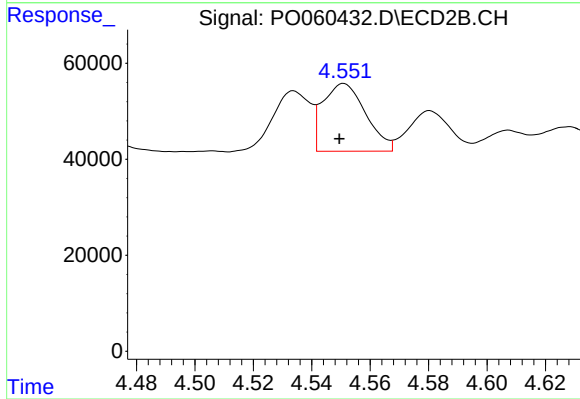
R.T.: 5.313 min
Delta R.T.: -0.016 min
Response: 1269342
Conc: 1134.76 ng/ml



#21 AR-1248-1

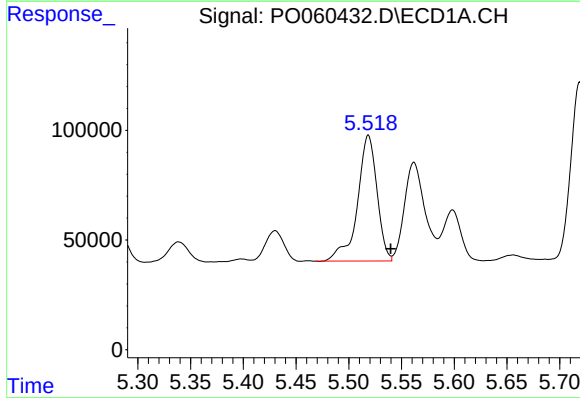
R.T.: 5.276 min
Delta R.T.: 0.002 min
Response: 302264
Conc: 301.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



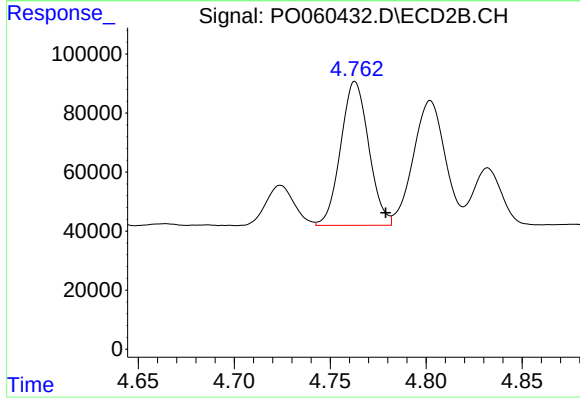
#21 AR-1248-1

R.T.: 4.551 min
Delta R.T.: 0.002 min
Response: 144039
Conc: 173.95 ng/ml



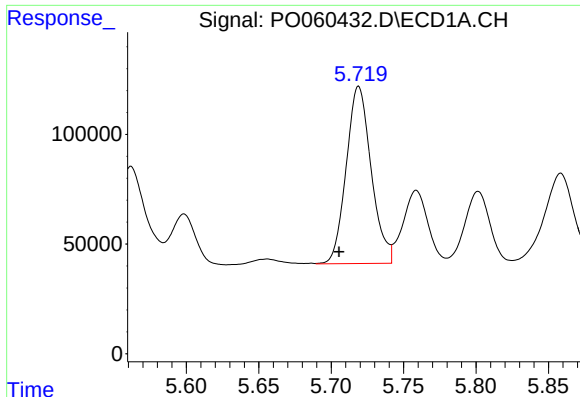
#22 AR-1248-2

R.T.: 5.519 min
Delta R.T.: -0.021 min
Response: 740147
Conc: 510.13 ng/ml



#22 AR-1248-2

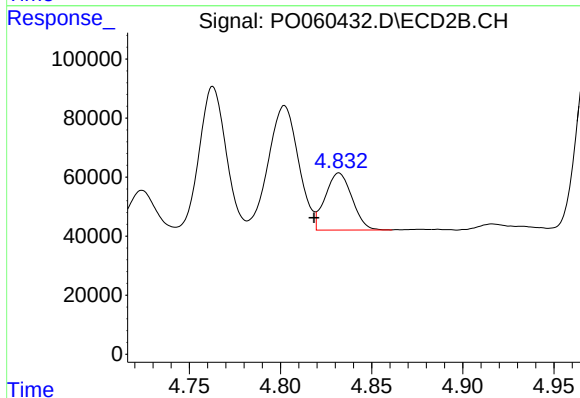
R.T.: 4.763 min
Delta R.T.: -0.016 min
Response: 497176
Conc: 431.16 ng/ml



#23 AR-1248-3

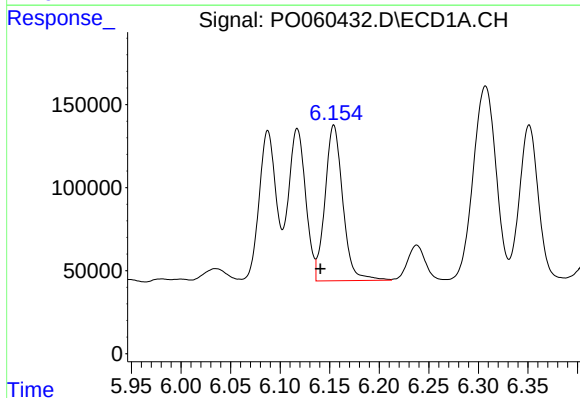
R.T.: 5.719 min
Delta R.T.: 0.014 min
Response: 969129
Conc: 583.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



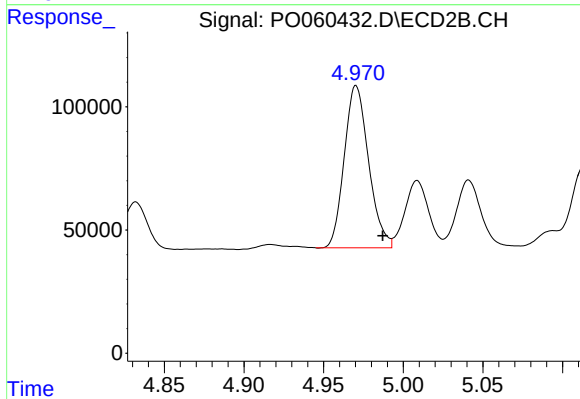
#23 AR-1248-3

R.T.: 4.832 min
Delta R.T.: 0.014 min
Response: 197530
Conc: 166.31 ng/ml



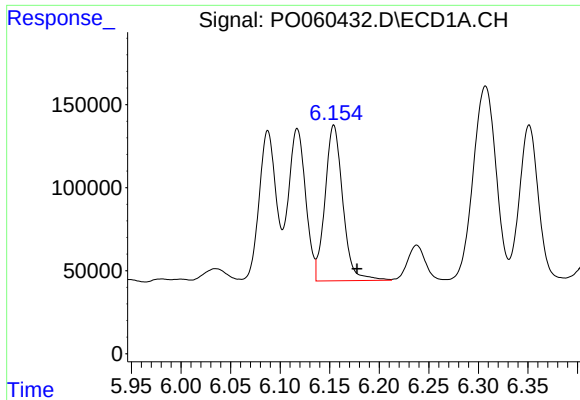
#24 AR-1248-4

R.T.: 6.154 min
Delta R.T.: 0.014 min
Response: 1170381
Conc: 572.56 ng/ml



#24 AR-1248-4

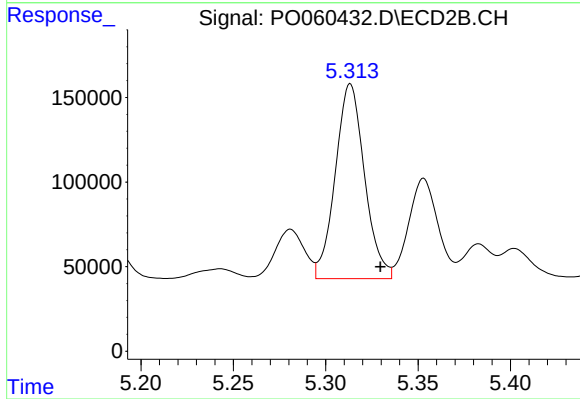
R.T.: 4.970 min
Delta R.T.: -0.017 min
Response: 700026
Conc: 481.75 ng/ml



#25 AR-1248-5

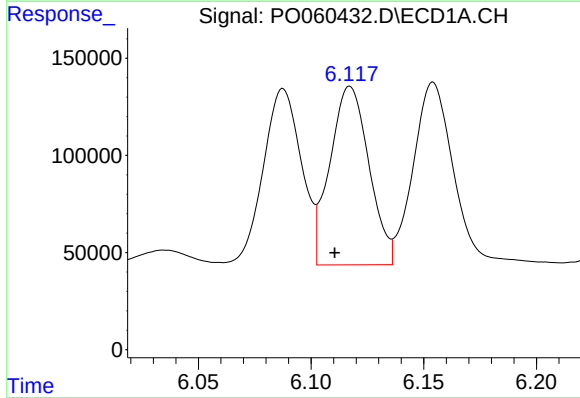
R.T.: 6.154 min
Delta R.T.: -0.024 min
Response: 1170381
Conc: 590.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



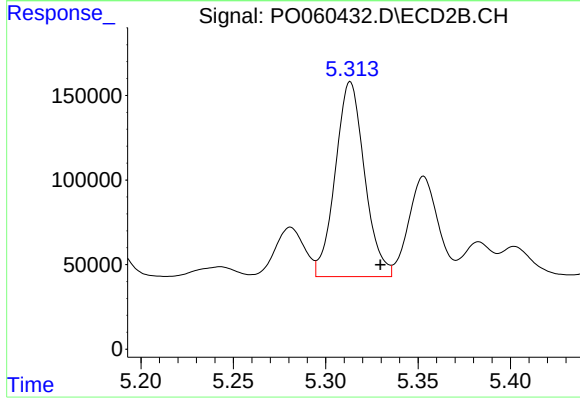
#25 AR-1248-5

R.T.: 5.313 min
Delta R.T.: -0.016 min
Response: 1269342
Conc: 886.85 ng/ml



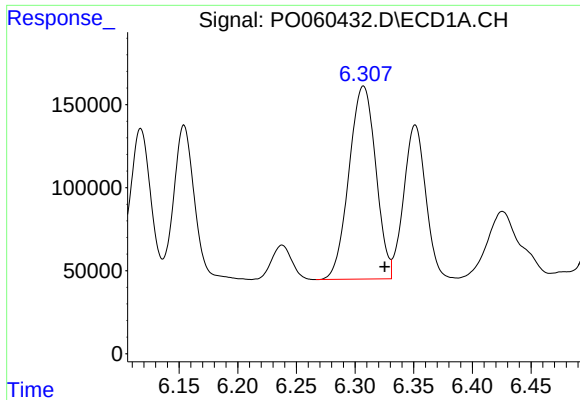
#26 AR-1254-1

R.T.: 6.117 min
Delta R.T.: 0.007 min
Response: 1107682
Conc: 530.90 ng/ml



#26 AR-1254-1

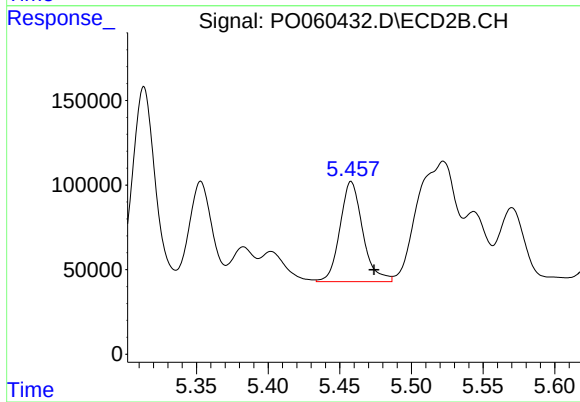
R.T.: 5.313 min
Delta R.T.: -0.016 min
Response: 1269342
Conc: 535.18 ng/ml



#27 AR-1254-2

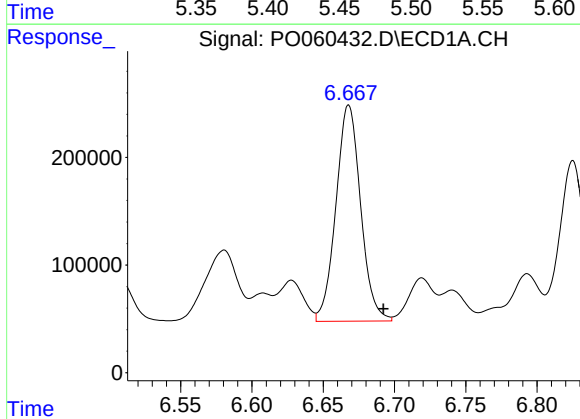
R.T.: 6.307 min
Delta R.T.: -0.018 min
Response: 1847061
Conc: 553.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



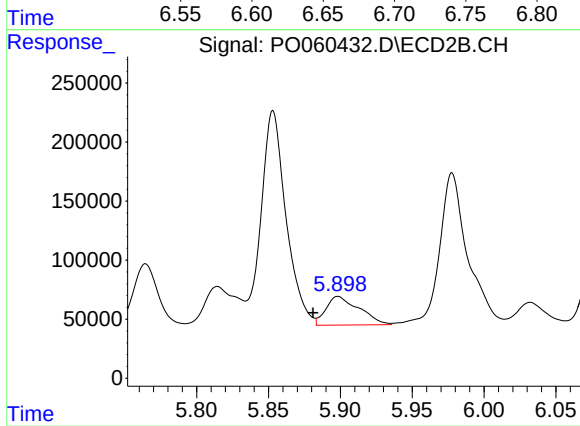
#27 AR-1254-2

R.T.: 5.458 min
Delta R.T.: -0.016 min
Response: 655137
Conc: 312.22 ng/ml



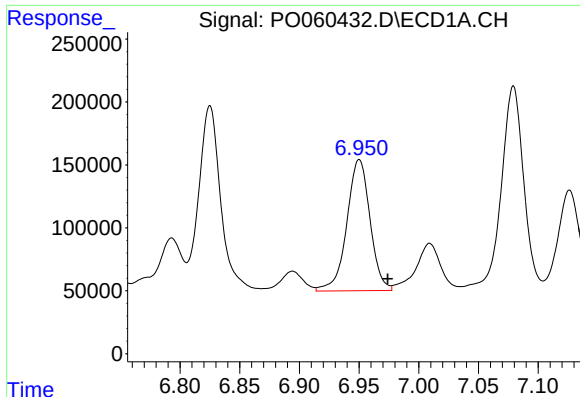
#28 AR-1254-3

R.T.: 6.668 min
Delta R.T.: -0.024 min
Response: 2424917
Conc: 683.37 ng/ml



#28 AR-1254-3

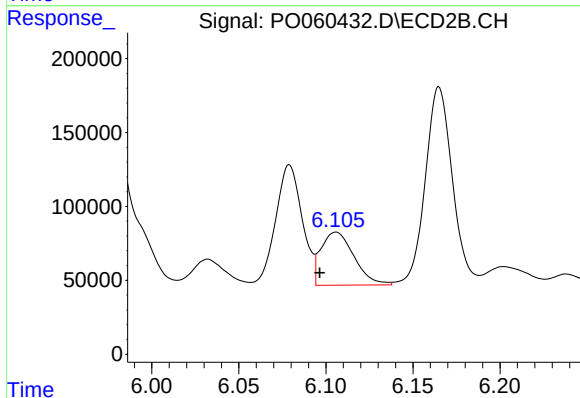
R.T.: 5.898 min
Delta R.T.: 0.018 min
Response: 390830
Conc: 116.23 ng/ml



#29 AR-1254-4

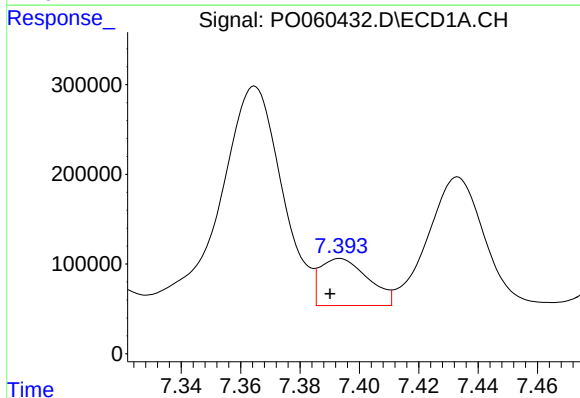
R.T.: 6.950 min
Delta R.T.: -0.024 min
Response: 1412124
Conc: 479.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



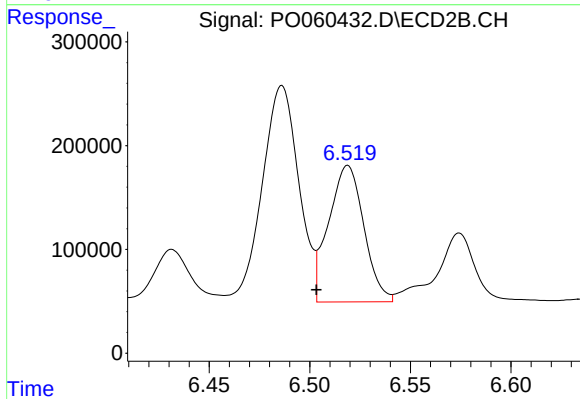
#29 AR-1254-4

R.T.: 6.106 min
Delta R.T.: 0.009 min
Response: 473310
Conc: 229.56 ng/ml



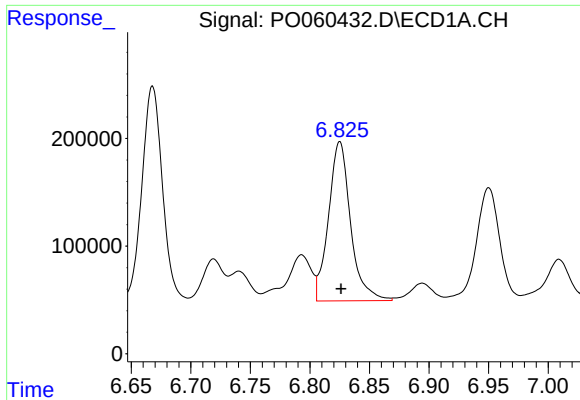
#30 AR-1254-5

R.T.: 7.393 min
Delta R.T.: 0.003 min
Response: 586771
Conc: 189.75 ng/ml



#30 AR-1254-5

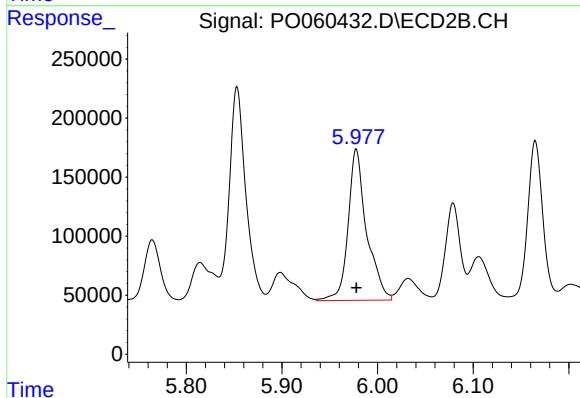
R.T.: 6.519 min
Delta R.T.: 0.016 min
Response: 1603604
Conc: 516.46 ng/ml



#31 AR-1260-1

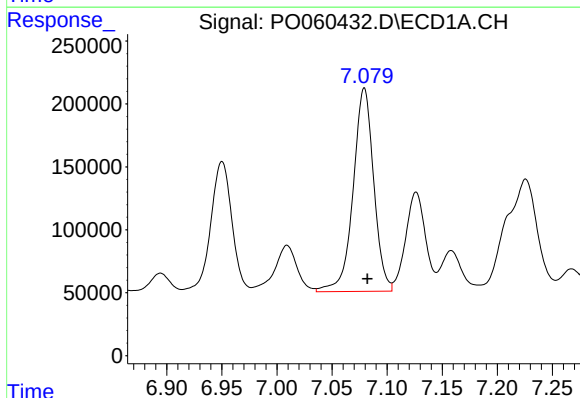
R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 1912675
Conc: 709.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



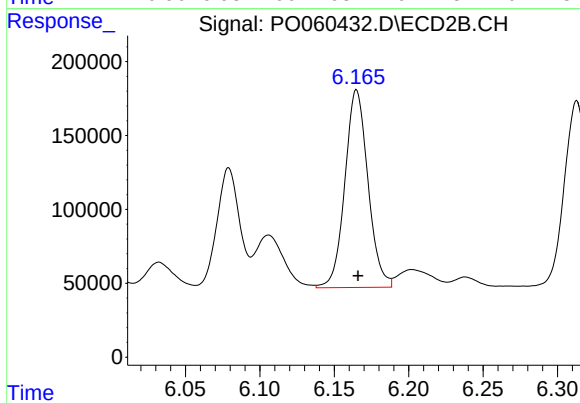
#31 AR-1260-1

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 1736111
Conc: 761.82 ng/ml



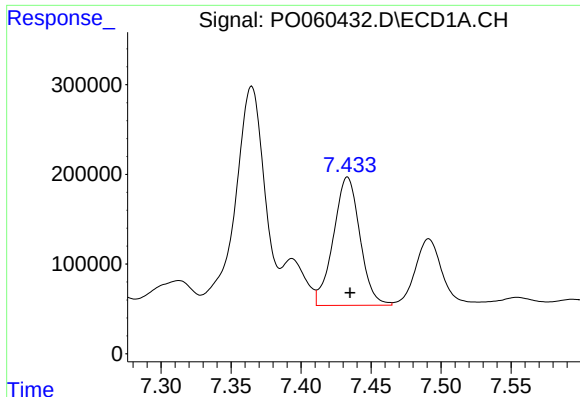
#32 AR-1260-2

R.T.: 7.079 min
Delta R.T.: -0.003 min
Response: 2101119
Conc: 566.27 ng/ml



#32 AR-1260-2

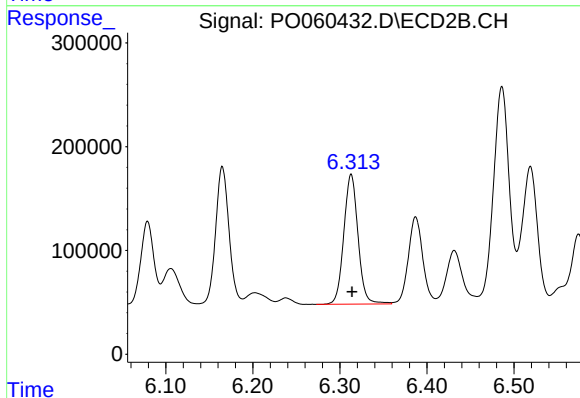
R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 1444657
Conc: 493.08 ng/ml



#33 AR-1260-3

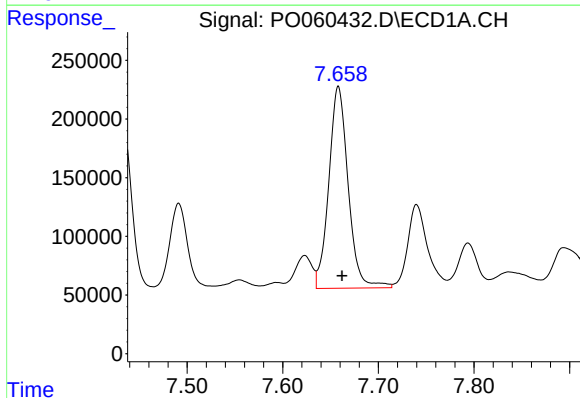
R.T.: 7.433 min
Delta R.T.: -0.002 min
Response: 1888819
Conc: 576.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



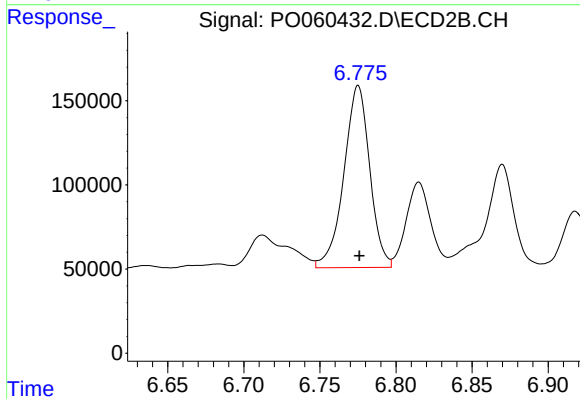
#33 AR-1260-3

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 1422699
Conc: 537.04 ng/ml



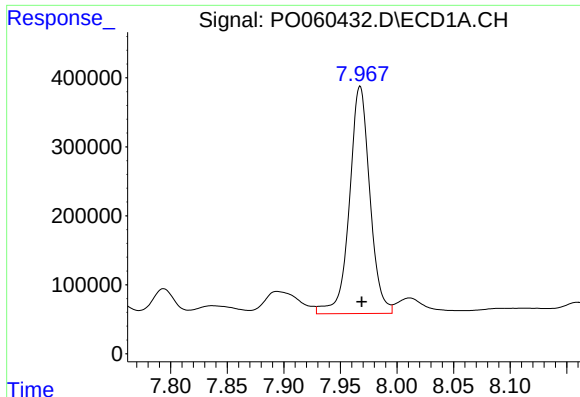
#34 AR-1260-4

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 2414262
Conc: 786.07 ng/ml



#34 AR-1260-4

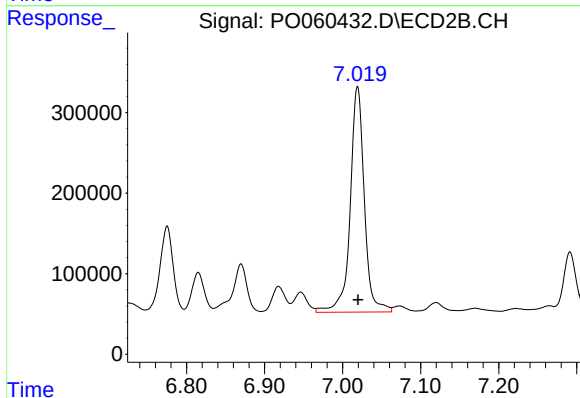
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 1279927
Conc: 565.69 ng/ml



#35 AR-1260-5

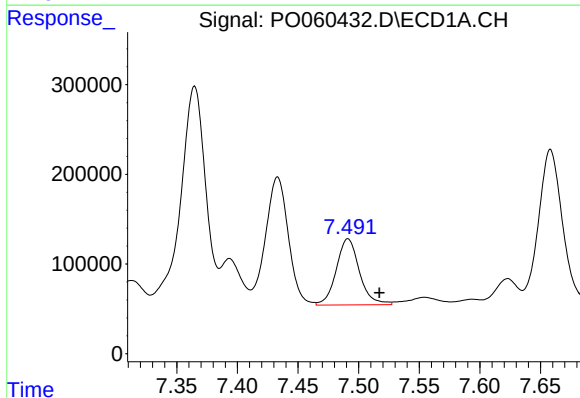
R.T.: 7.967 min
Delta R.T.: -0.002 min
Response: 4145586
Conc: 585.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



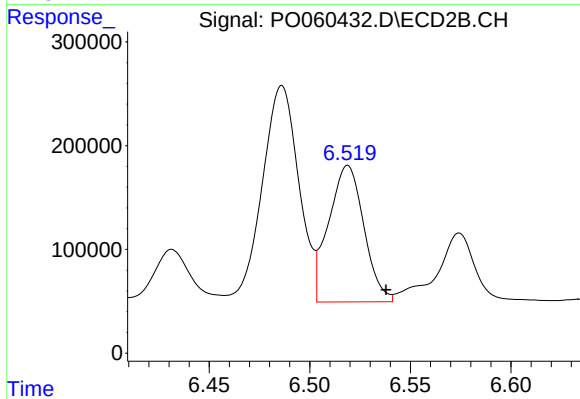
#35 AR-1260-5

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 3537538
Conc: 642.80 ng/ml



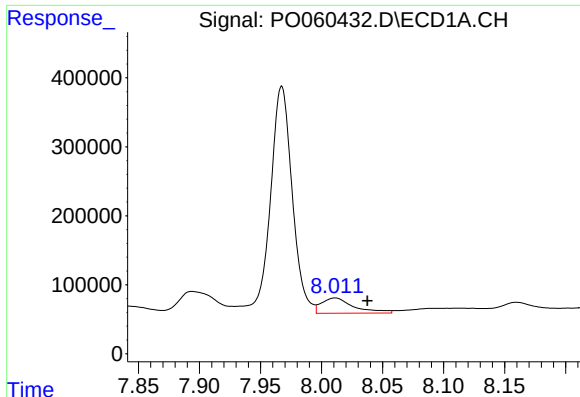
#36 AR-1262-1

R.T.: 7.491 min
Delta R.T.: -0.026 min
Response: 979604
Conc: 201.86 ng/ml



#36 AR-1262-1

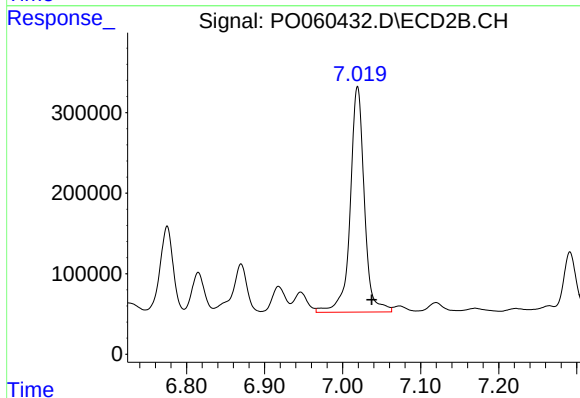
R.T.: 6.519 min
Delta R.T.: -0.019 min
Response: 1603604
Conc: 430.20 ng/ml



#37 AR-1262-2

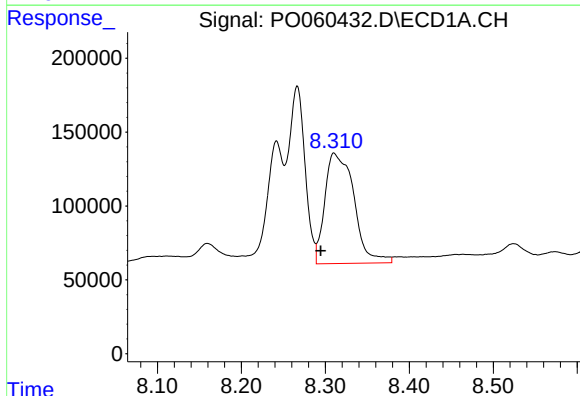
R.T.: 8.011 min
Delta R.T.: -0.026 min
Response: 411645
Conc: 53.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



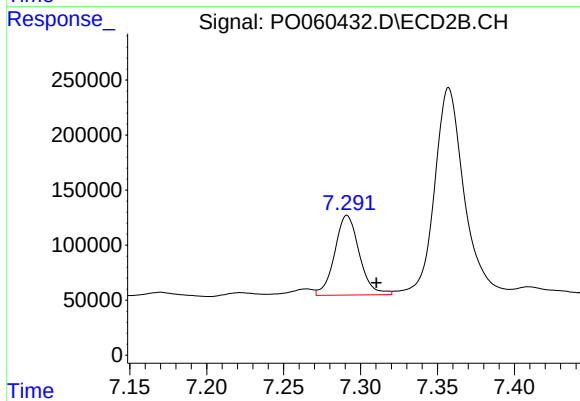
#37 AR-1262-2

R.T.: 7.019 min
Delta R.T.: -0.018 min
Response: 3537538
Conc: 601.72 ng/ml



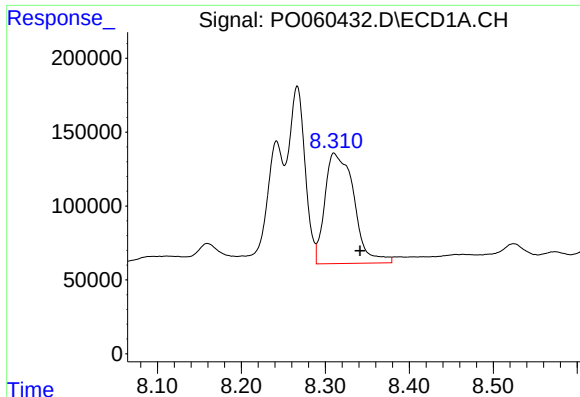
#38 AR-1262-3

R.T.: 8.310 min
Delta R.T.: 0.016 min
Response: 1792702
Conc: 351.35 ng/ml



#38 AR-1262-3

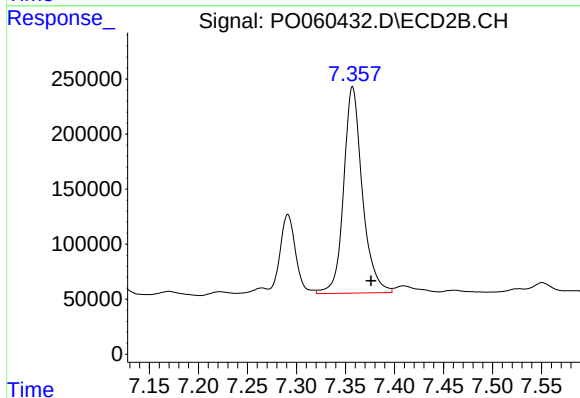
R.T.: 7.291 min
Delta R.T.: -0.019 min
Response: 806369
Conc: 317.35 ng/ml



#39 AR-1262-4

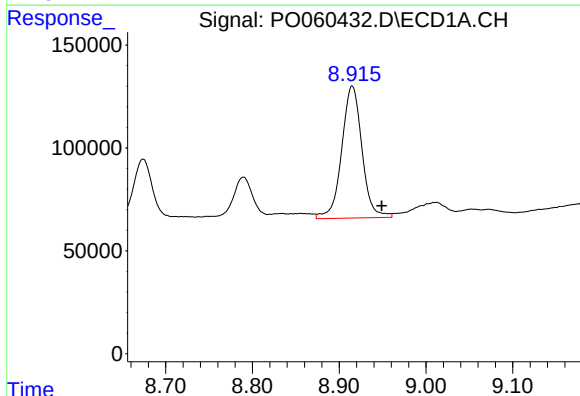
R.T.: 8.310 min
Delta R.T.: -0.031 min
Response: 1792702
Conc: 465.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



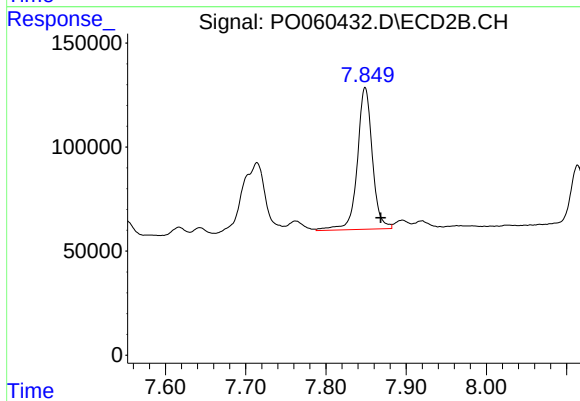
#39 AR-1262-4

R.T.: 7.357 min
Delta R.T.: -0.019 min
Response: 2492242
Conc: 563.99 ng/ml



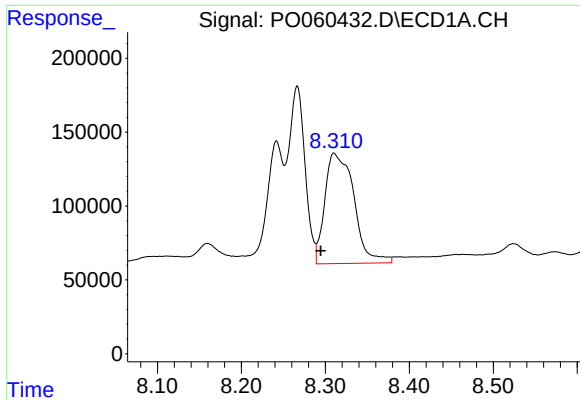
#40 AR-1262-5

R.T.: 8.915 min
Delta R.T.: -0.034 min
Response: 1040929
Conc: 405.57 ng/ml



#40 AR-1262-5

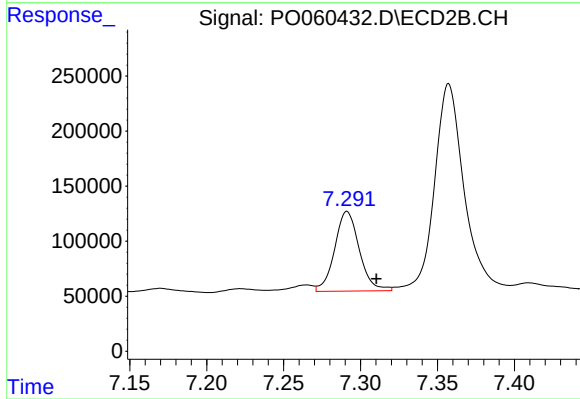
R.T.: 7.849 min
Delta R.T.: -0.019 min
Response: 886080
Conc: 490.75 ng/ml



#41 AR-1268-1

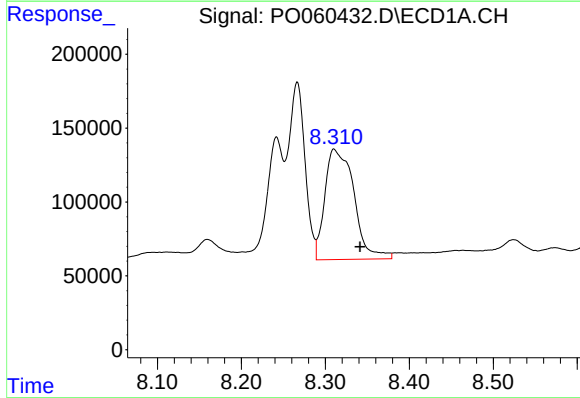
R.T.: 8.310 min
Delta R.T.: 0.016 min
Response: 1792702
Conc: 190.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



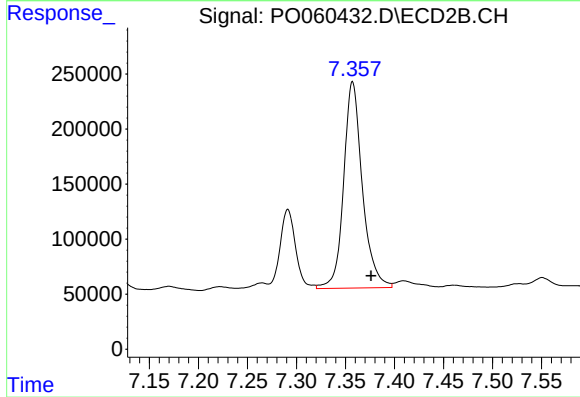
#41 AR-1268-1

R.T.: 7.291 min
Delta R.T.: -0.019 min
Response: 806369
Conc: 113.24 ng/ml



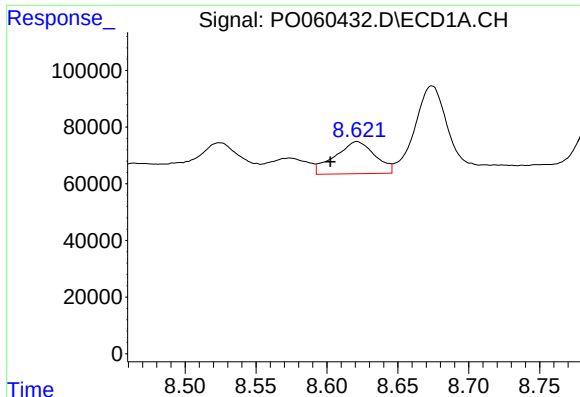
#42 AR-1268-2

R.T.: 8.310 min
Delta R.T.: -0.031 min
Response: 1792702
Conc: 227.42 ng/ml



#42 AR-1268-2

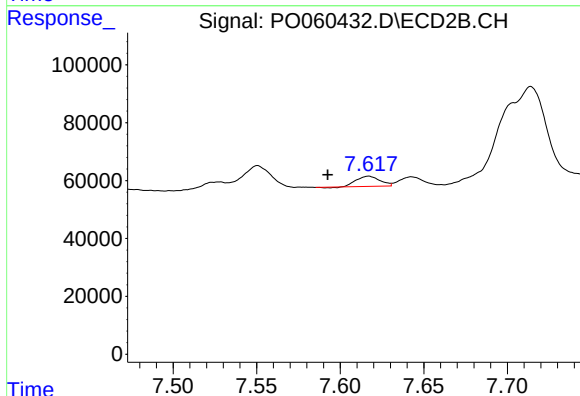
R.T.: 7.357 min
Delta R.T.: -0.019 min
Response: 2492242
Conc: 386.51 ng/ml



#43 AR-1268-3

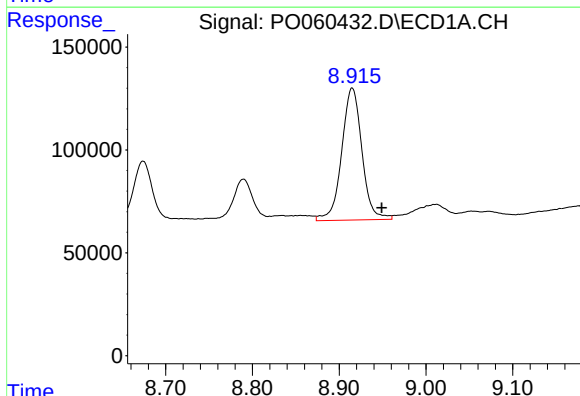
R.T.: 8.621 min
Delta R.T.: 0.019 min
Response: 222545
Conc: 31.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



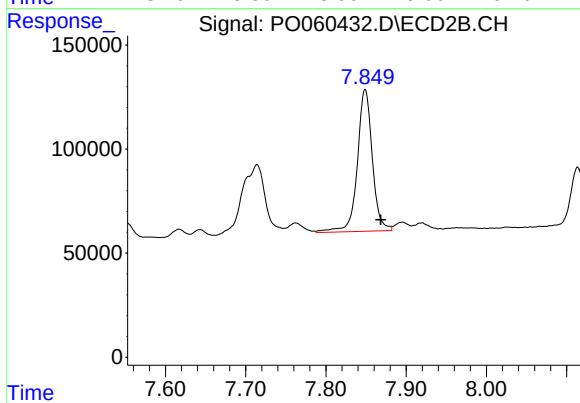
#43 AR-1268-3

R.T.: 7.617 min
Delta R.T.: 0.025 min
Response: 33554
Conc: 6.13 ng/ml



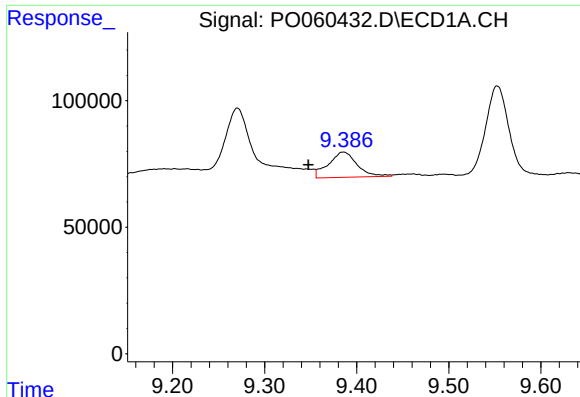
#44 AR-1268-4

R.T.: 8.915 min
Delta R.T.: -0.034 min
Response: 1040929
Conc: 374.43 ng/ml



#44 AR-1268-4

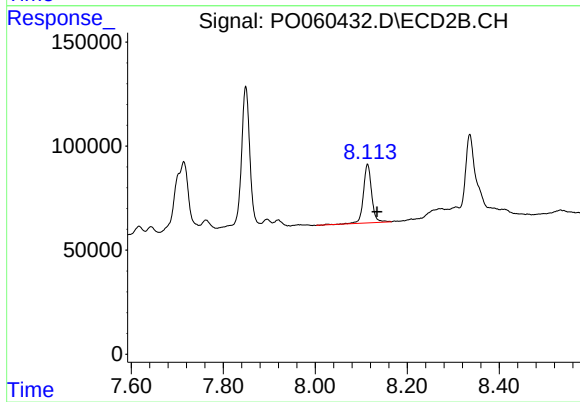
R.T.: 7.849 min
Delta R.T.: -0.019 min
Response: 886080
Conc: 434.08 ng/ml



#45 AR-1268-5

R.T.: 9.385 min
Delta R.T.: 0.038 min
Response: 215561
Conc: 11.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.114 min
Delta R.T.: -0.021 min
Response: 348542
Conc: 23.99 ng/ml