

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030220\
 Data File : P0066875.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2020 9:09
 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: Mar 02 12:30:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 14:12:46 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...	4.120	3.402	2205993	2226741	54.098	50.421
2)	SA Decachlor...	9.589	8.283	2606422	2498041	53.430	49.659
Target Compounds							
3)	L1 AR-1016-1	5.267	4.455	825897	663347	540.602	486.081
4)	L1 AR-1016-2	5.289	4.472	1297177	1373672	545.065	485.973
5)	L1 AR-1016-3	5.349	4.644	762617	614829	555.635	490.980
6)	L1 AR-1016-4	5.446	4.686	616305	523173	519.068	508.745
7)	L1 AR-1016-5	5.735	4.895	597571	648361	566.105	509.059
8)	L2 AR-1221-1	4.323	3.608	63531	72393	155.791	154.125
9)	L2 AR-1221-2	4.414	3.693	95894	107126	322.877	310.207
10)	L2 AR-1221-3	4.487	3.765	386906	412184	382.546	368.510
11)	L3 AR-1232-1	4.487	3.765	386906	412184	526.946	497.143
12)	L3 AR-1232-2	5.003	4.472	565689	1373672	1568.254	1338.577
13)	L3 AR-1232-3	5.289	4.644	1297177	614829	1564.939	1334.918
14)	L3 AR-1232-4	5.446	4.727	616305	619528	1586.434	1529.222
15)	L3 AR-1232-5	5.535	4.895	478781	648361	1788.629	1563.553
16)	L4 AR-1242-1	5.267	4.455	825897	663347	795.860	730.176
17)	L4 AR-1242-2	5.289	4.472	1297177	1373672	815.200	738.225
18)	L4 AR-1242-3	5.349	4.644	762617	614829	822.037	718.778
19)	L4 AR-1242-4	5.446	4.727	616305	619528	793.360	745.781
20)	L4 AR-1242-5	6.173	5.240	90108	498496	99.086	457.988 #
21)	L5 AR-1248-1	5.267	4.455	825897	663347	987.929	850.346
22)	L5 AR-1248-2	5.535	4.686	478781	523173	410.018	432.525
23)	L5 AR-1248-3	5.735	4.727	597571	619528	451.850	499.369
24)	L5 AR-1248-4	6.134	4.895	114938	648361	68.899	441.870 #
25)	L5 AR-1248-5	6.173	5.280	90108	86812	57.155	55.932
26)	L6 AR-1254-1	6.106	5.240	426357	498496	267.199	216.067
27)	L6 AR-1254-2	6.322	5.386	502513	462866	193.415	228.192
28)	L6 AR-1254-3	6.685	5.795	283723	907643	102.984	270.010 #
29)	L6 AR-1254-4	6.967	6.010	206223	110091	85.606	44.026 #
30)	L6 AR-1254-5	7.381	6.421	1912911	1656522	762.044	522.206 #
31)	L7 AR-1260-1	6.846	5.910	1236351	1264945	537.207	507.511
32)	L7 AR-1260-2	7.101	6.098	1838924	1590840	528.736	507.922
33)	L7 AR-1260-3	7.456	6.247	1586715	1469522	534.882	499.555
34)	L7 AR-1260-4	7.679	6.712	1476350	1286946	538.587	500.630
35)	L7 AR-1260-5	7.984	6.956	3332003	3030783	532.851	488.414
36)	L8 AR-1262-1	7.456	6.421	1586715	1656522	421.111	1059.486 #
37)	L8 AR-1262-2	7.984	6.956	3332003	3030783	539.894	524.796
38)	L8 AR-1262-3	8.280	7.234	1972637	738180	481.936	305.390 #
39)	L8 AR-1262-4	8.330	7.297	1357834	2355948	402.779	531.380 #
40)	L8 AR-1262-5	8.935	7.791	848066	842941	364.916	415.263
41)	L9 AR-1268-1	8.280	7.234	1972637	738180	241.156	102.457 #

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

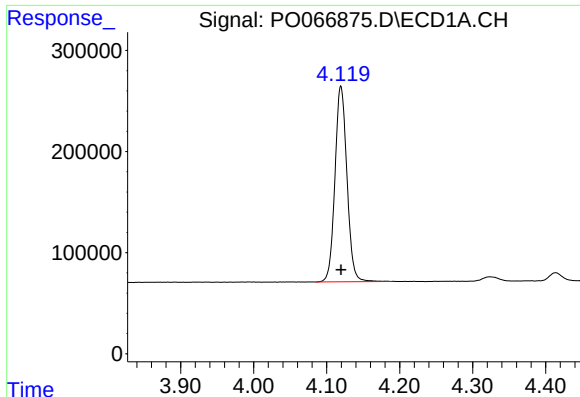
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 12:30:29 2020
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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	8.330	7.297	1357834	2355948	190.276	353.931 #
43) L9	AR-1268-3	0.000	7.498	0	55754	N.D.	10.068 #
44) L9	AR-1268-4	8.935	7.791	848066	842941	359.636	346.421
45) L9	AR-1268-5	9.299	8.059	233082	248242	13.091	14.127

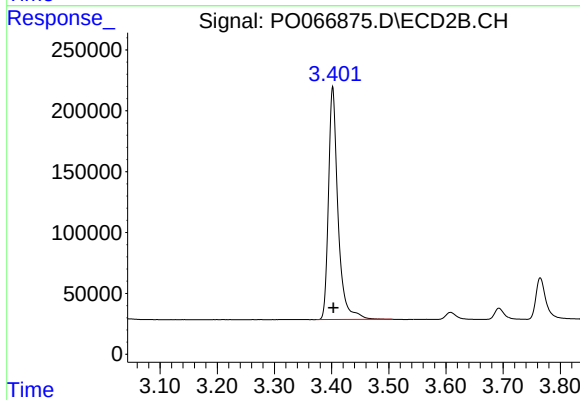
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

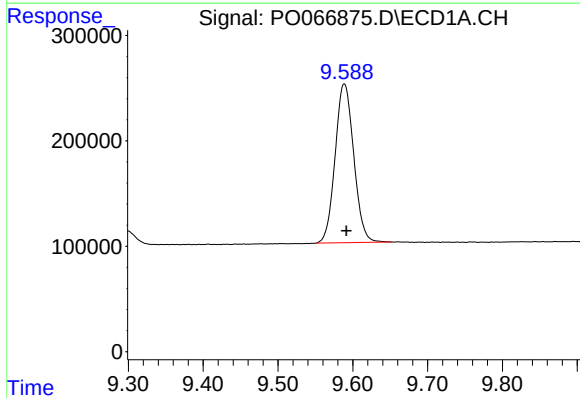
R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 2205993
Conc: 54.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



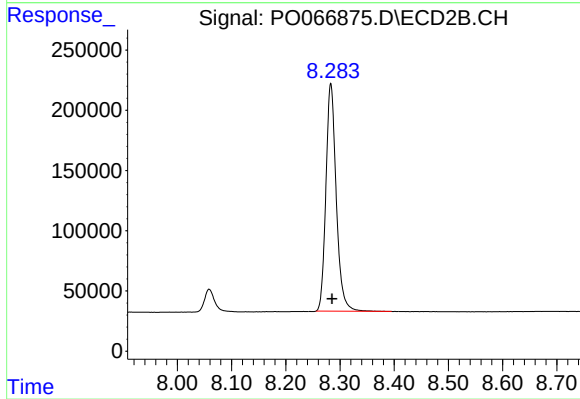
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 2226741
Conc: 50.42 ng/ml



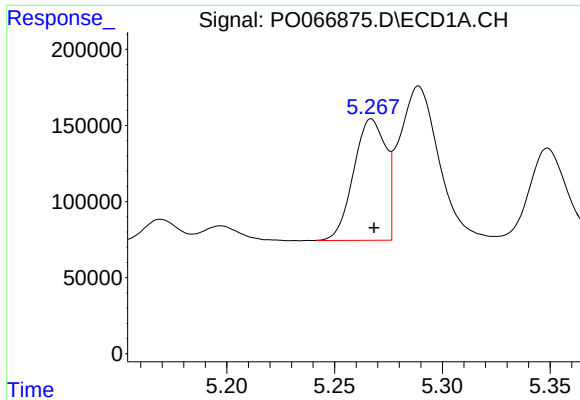
#2 Decachlorobiphenyl

R.T.: 9.589 min
Delta R.T.: -0.003 min
Response: 2606422
Conc: 53.43 ng/ml



#2 Decachlorobiphenyl

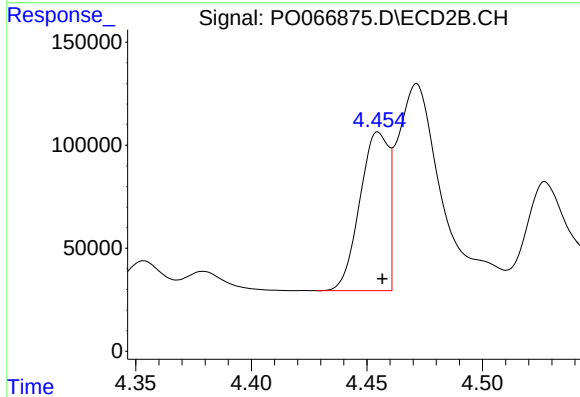
R.T.: 8.283 min
Delta R.T.: -0.002 min
Response: 2498041
Conc: 49.66 ng/ml



#3 AR-1016-1

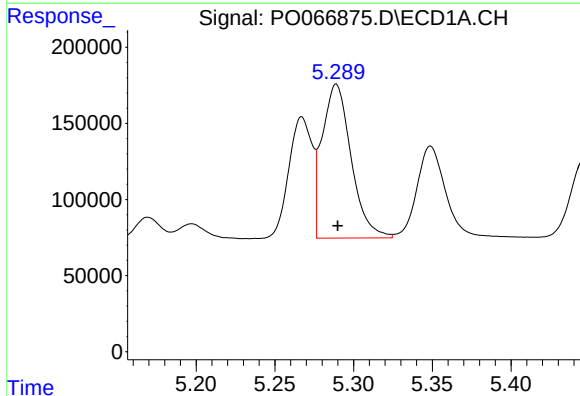
R.T.: 5.267 min
Delta R.T.: -0.001 min
Response: 825897
Conc: 540.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



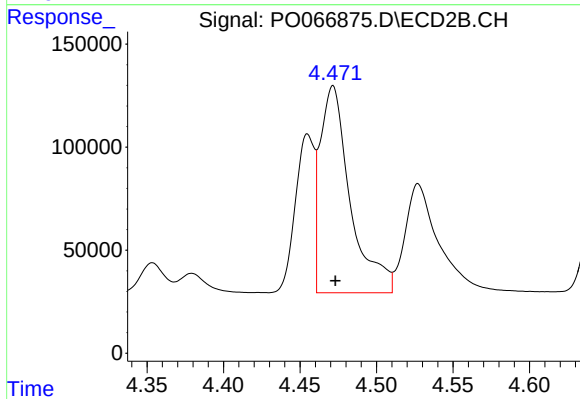
#3 AR-1016-1

R.T.: 4.455 min
Delta R.T.: -0.002 min
Response: 663347
Conc: 486.08 ng/ml



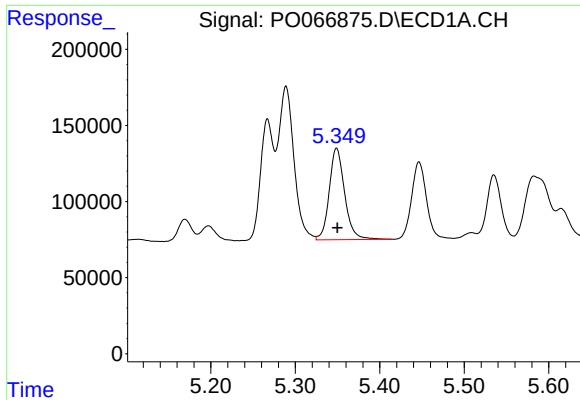
#4 AR-1016-2

R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 1297177
Conc: 545.07 ng/ml



#4 AR-1016-2

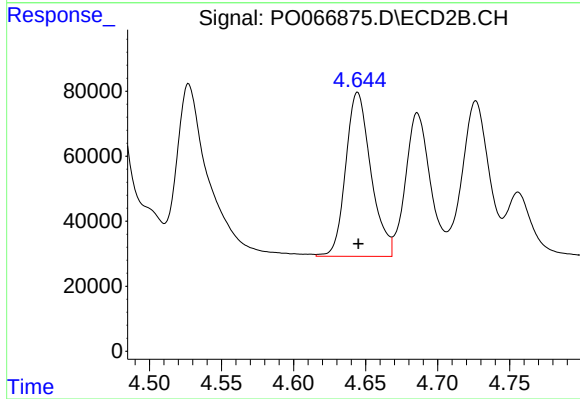
R.T.: 4.472 min
Delta R.T.: -0.002 min
Response: 1373672
Conc: 485.97 ng/ml



#5 AR-1016-3

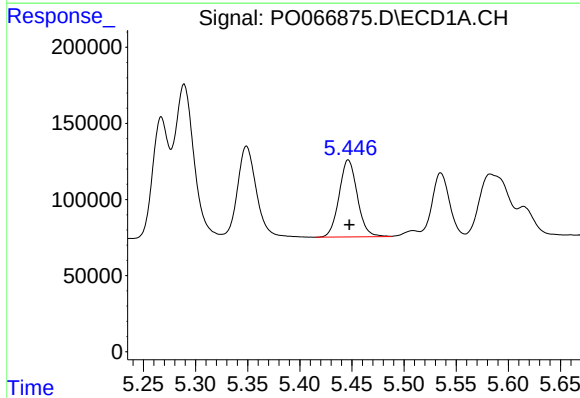
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 762617
Conc: 555.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



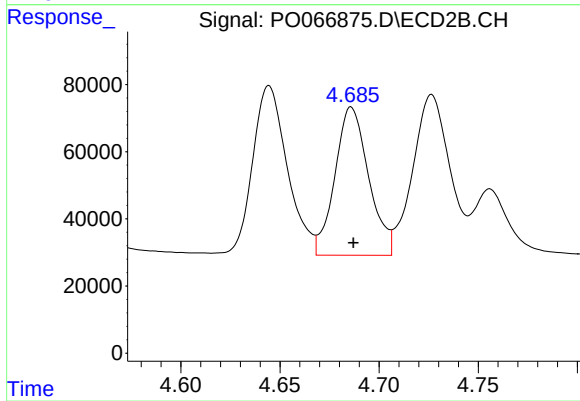
#5 AR-1016-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 614829
Conc: 490.98 ng/ml



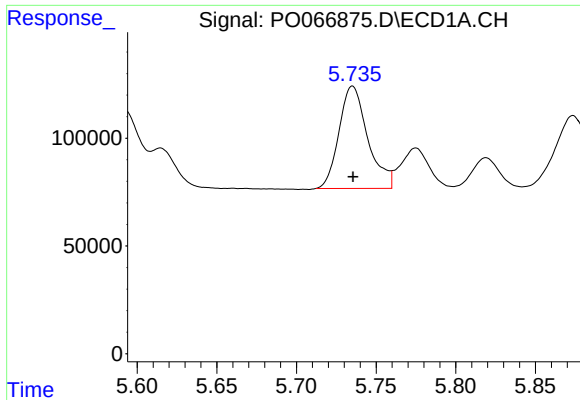
#6 AR-1016-4

R.T.: 5.446 min
Delta R.T.: -0.001 min
Response: 616305
Conc: 519.07 ng/ml



#6 AR-1016-4

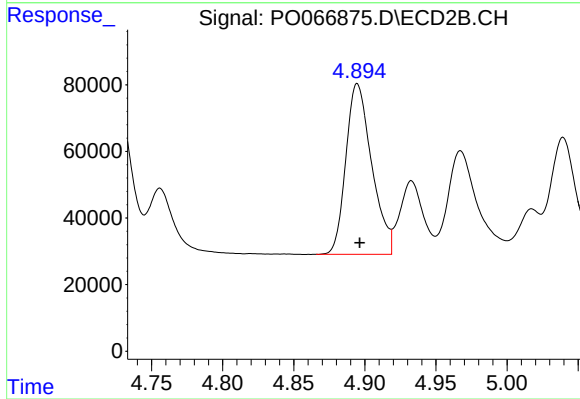
R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 523173
Conc: 508.74 ng/ml



#7 AR-1016-5

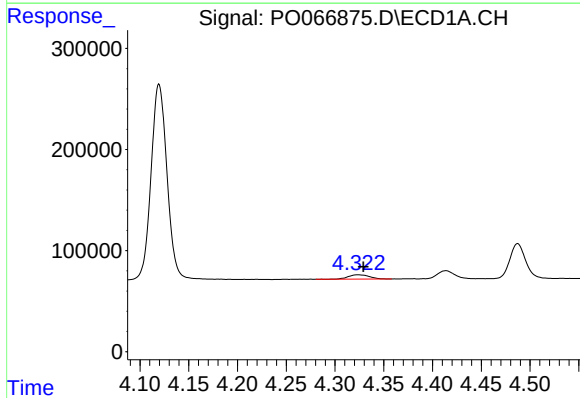
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 597571
Conc: 566.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



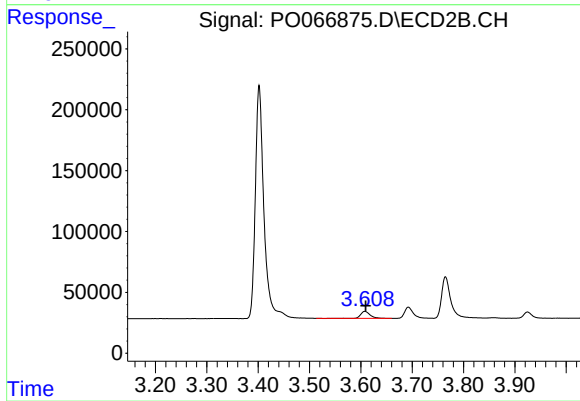
#7 AR-1016-5

R.T.: 4.895 min
Delta R.T.: -0.002 min
Response: 648361
Conc: 509.06 ng/ml



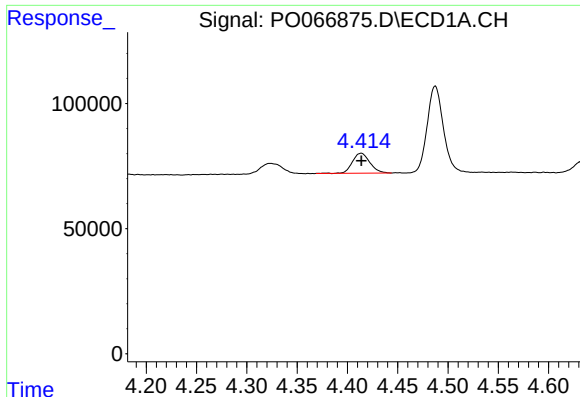
#8 AR-1221-1

R.T.: 4.323 min
Delta R.T.: -0.006 min
Response: 63531
Conc: 155.79 ng/ml



#8 AR-1221-1

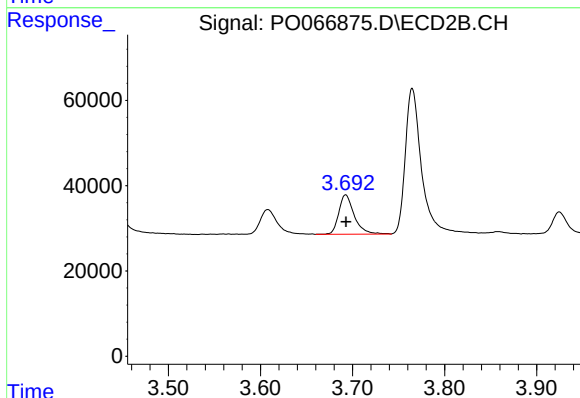
R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 72393
Conc: 154.12 ng/ml



#9 AR-1221-2

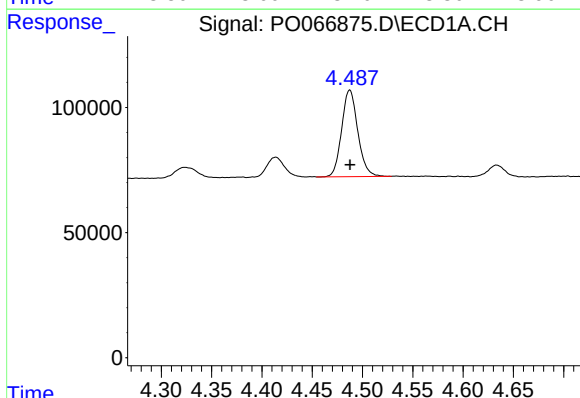
R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 95894
Conc: 322.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



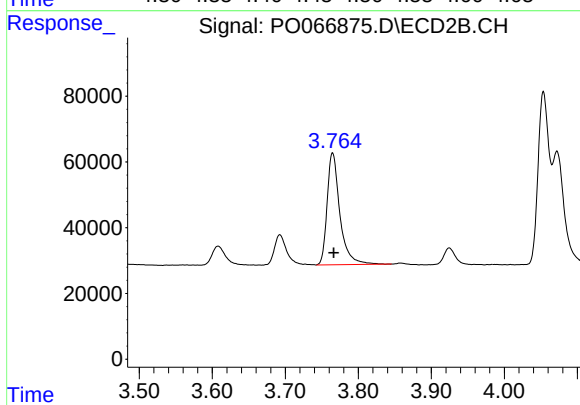
#9 AR-1221-2

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 107126
Conc: 310.21 ng/ml



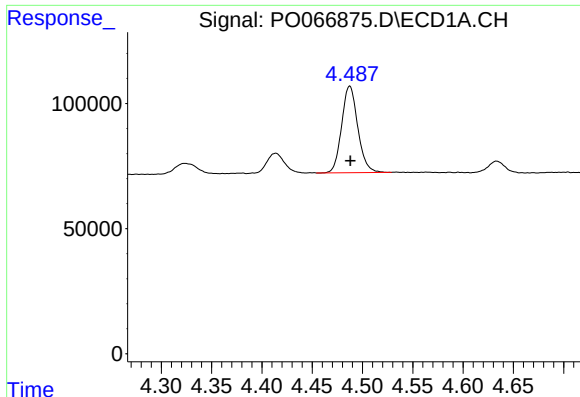
#10 AR-1221-3

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 386906
Conc: 382.55 ng/ml



#10 AR-1221-3

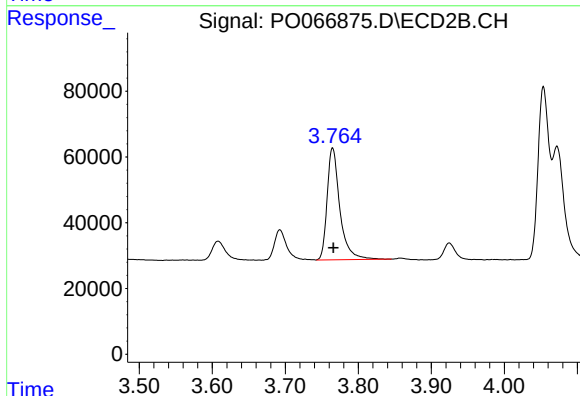
R.T.: 3.765 min
Delta R.T.: -0.001 min
Response: 412184
Conc: 368.51 ng/ml



#11 AR-1232-1

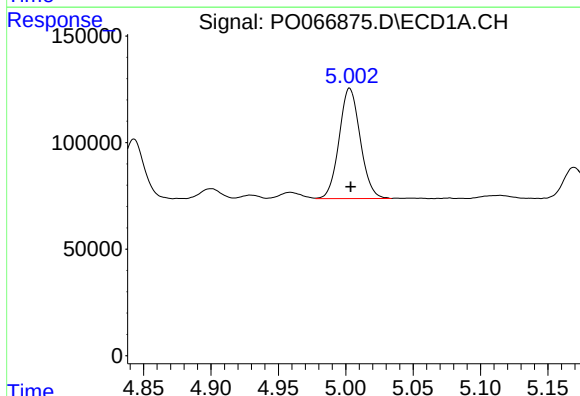
R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 386906
Conc: 526.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



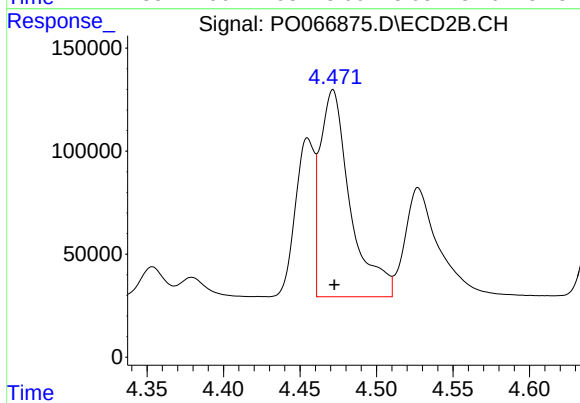
#11 AR-1232-1

R.T.: 3.765 min
Delta R.T.: -0.001 min
Response: 412184
Conc: 497.14 ng/ml



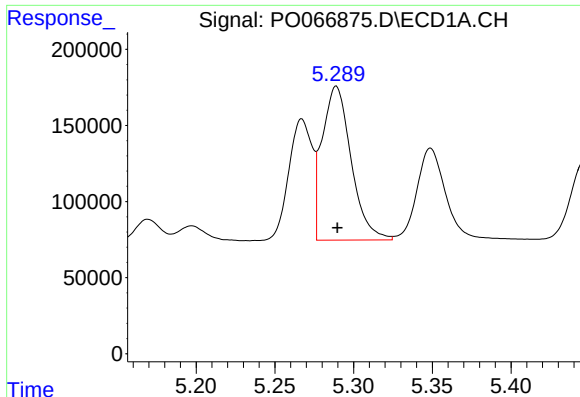
#12 AR-1232-2

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 565689
Conc: 1568.25 ng/ml



#12 AR-1232-2

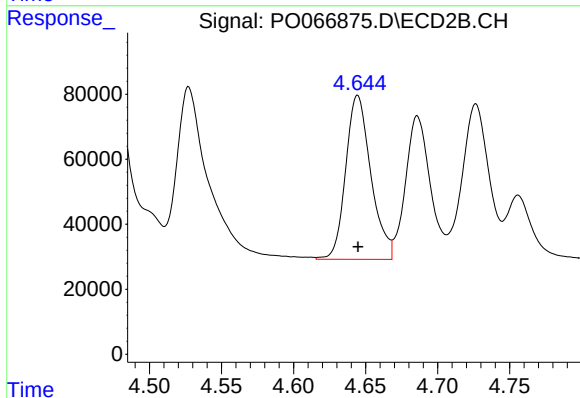
R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 1373672
Conc: 1338.58 ng/ml



#13 AR-1232-3

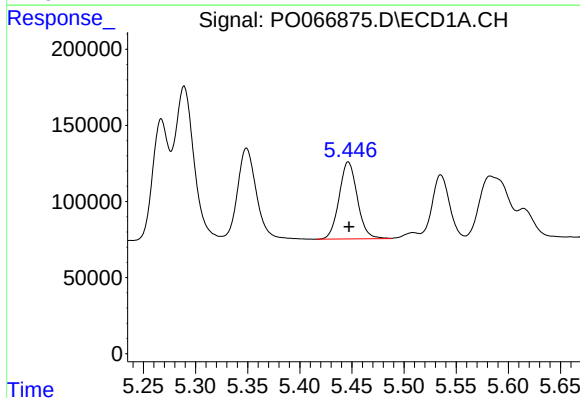
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 1297177
Conc: 1564.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



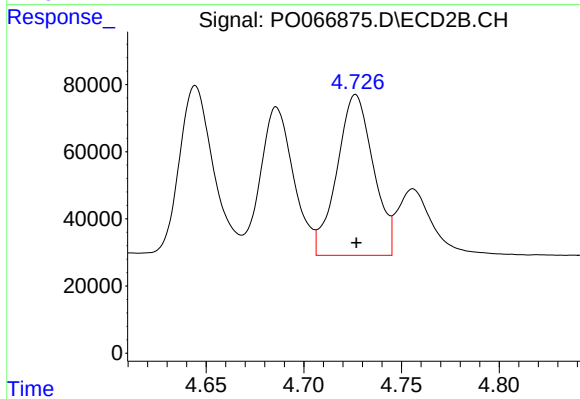
#13 AR-1232-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 614829
Conc: 1334.92 ng/ml



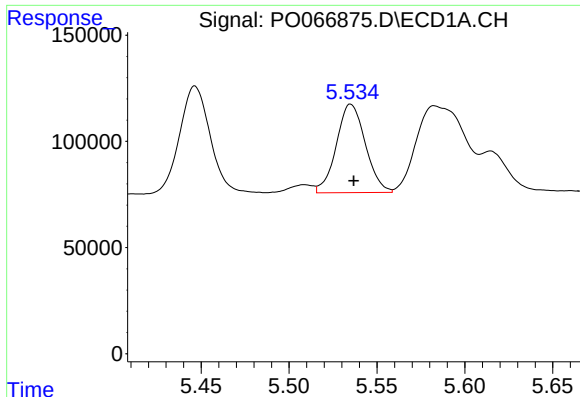
#14 AR-1232-4

R.T.: 5.446 min
Delta R.T.: -0.001 min
Response: 616305
Conc: 1586.43 ng/ml



#14 AR-1232-4

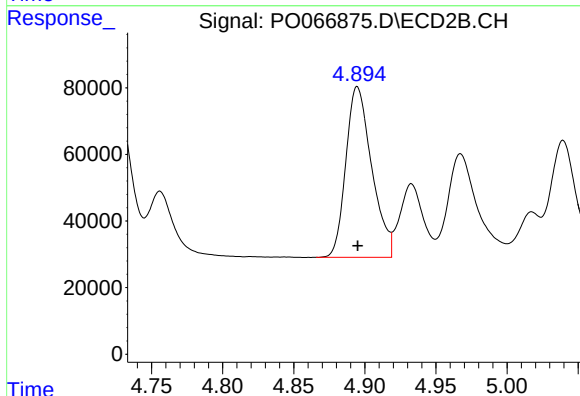
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 619528
Conc: 1529.22 ng/ml



#15 AR-1232-5

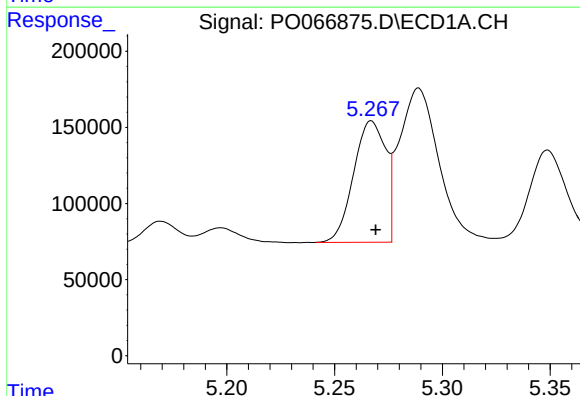
R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 478781
Conc: 1788.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



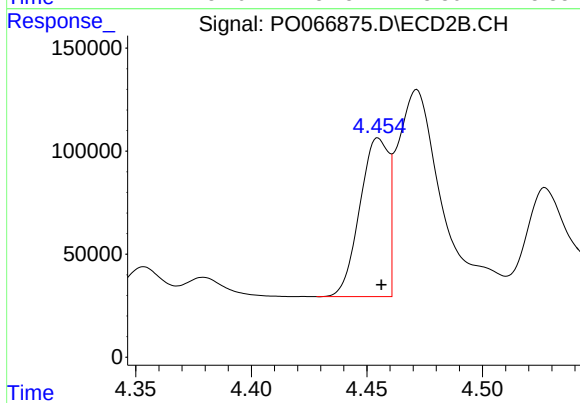
#15 AR-1232-5

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 648361
Conc: 1563.55 ng/ml



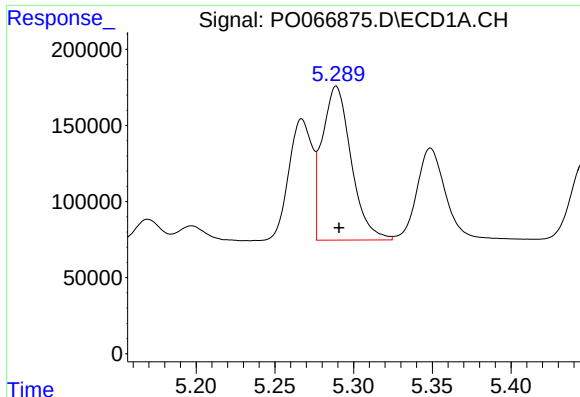
#16 AR-1242-1

R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 825897
Conc: 795.86 ng/ml



#16 AR-1242-1

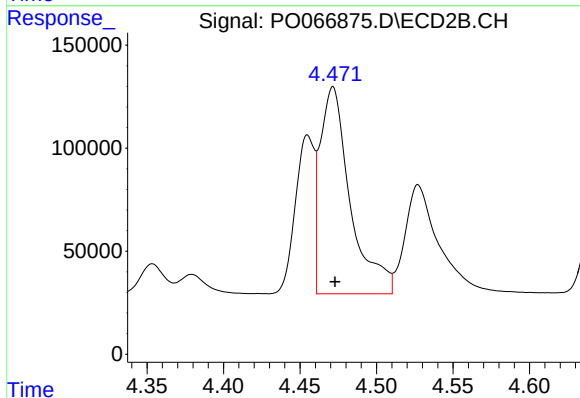
R.T.: 4.455 min
Delta R.T.: -0.001 min
Response: 663347
Conc: 730.18 ng/ml



#17 AR-1242-2

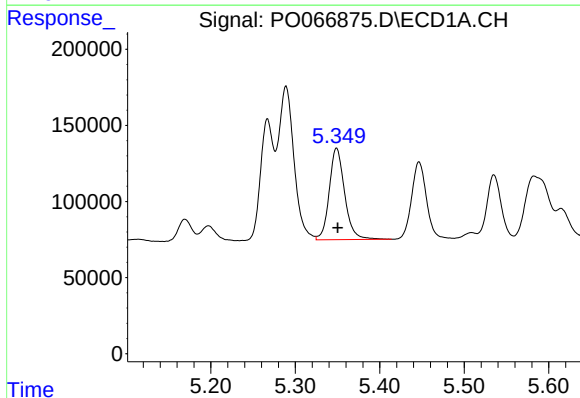
R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 1297177
Conc: 815.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



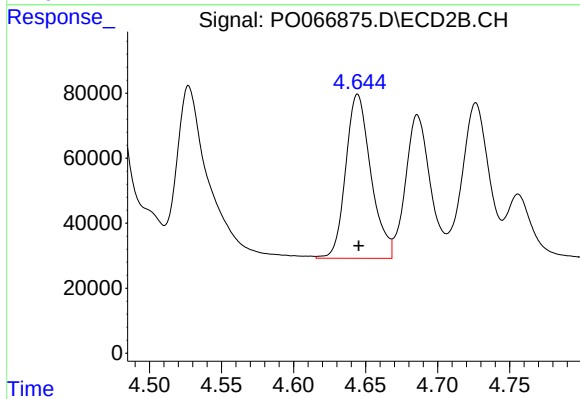
#17 AR-1242-2

R.T.: 4.472 min
Delta R.T.: -0.001 min
Response: 1373672
Conc: 738.23 ng/ml



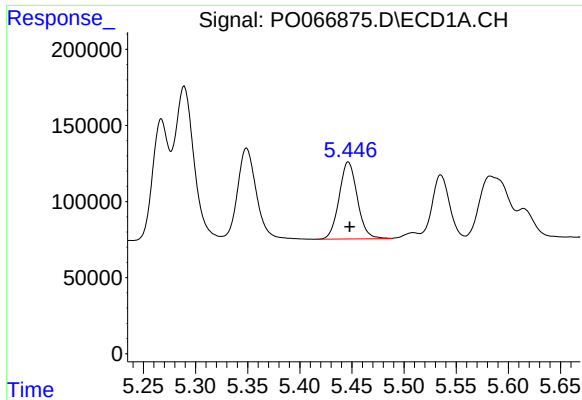
#18 AR-1242-3

R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 762617
Conc: 822.04 ng/ml



#18 AR-1242-3

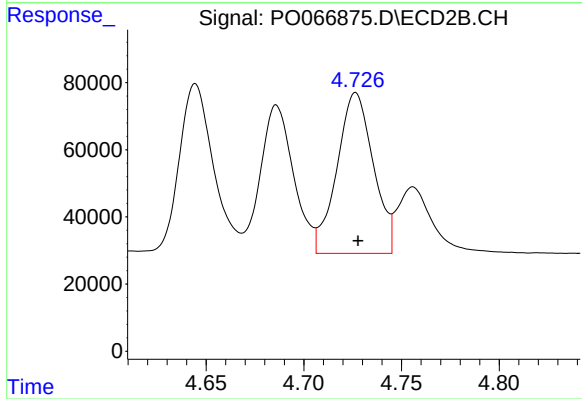
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 614829
Conc: 718.78 ng/ml



#19 AR-1242-4

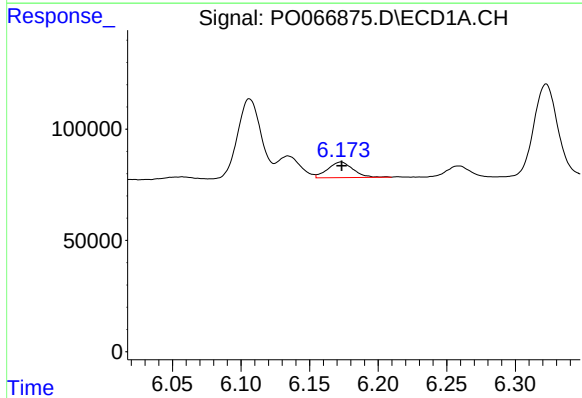
R.T.: 5.446 min
Delta R.T.: -0.001 min
Response: 616305
Conc: 793.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



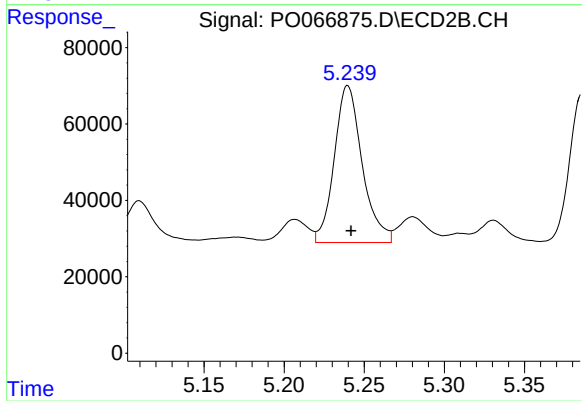
#19 AR-1242-4

R.T.: 4.727 min
Delta R.T.: -0.001 min
Response: 619528
Conc: 745.78 ng/ml



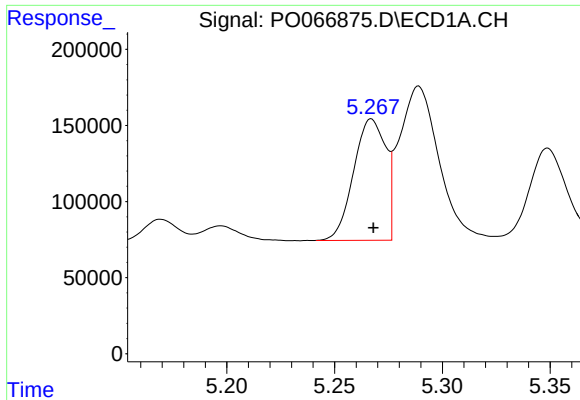
#20 AR-1242-5

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 90108
Conc: 99.09 ng/ml



#20 AR-1242-5

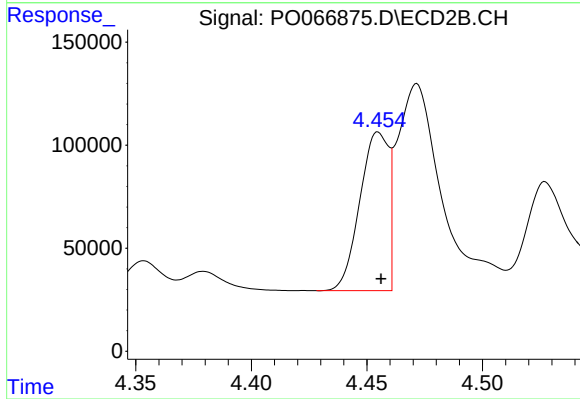
R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 498496
Conc: 457.99 ng/ml



#21 AR-1248-1

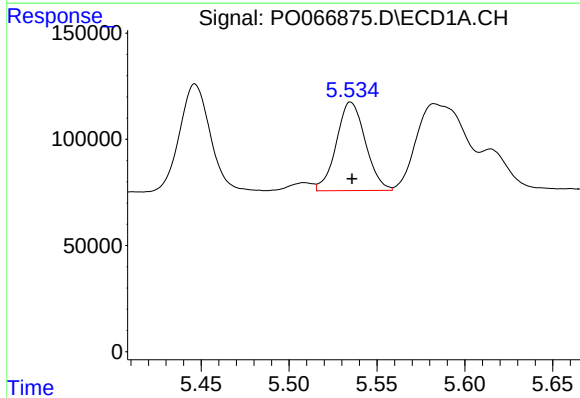
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 825897
Conc: 987.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



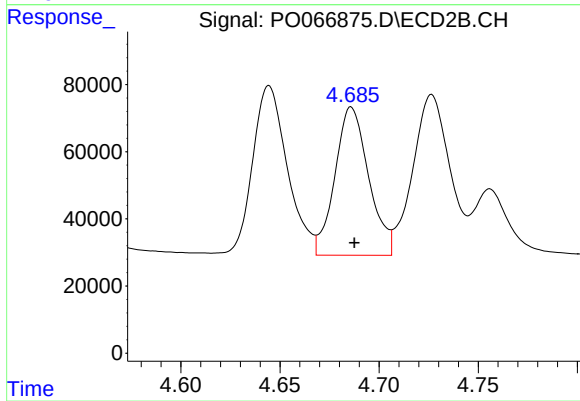
#21 AR-1248-1

R.T.: 4.455 min
Delta R.T.: -0.001 min
Response: 663347
Conc: 850.35 ng/ml



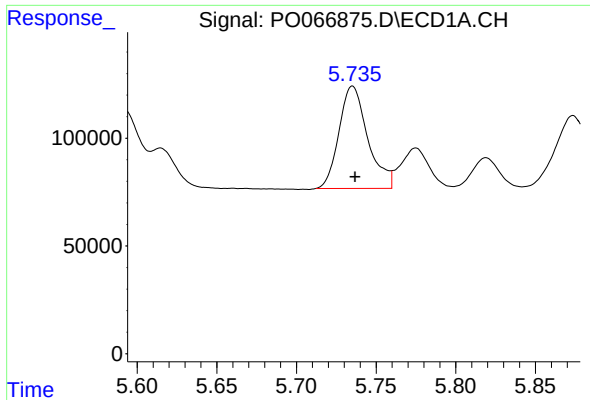
#22 AR-1248-2

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 478781
Conc: 410.02 ng/ml



#22 AR-1248-2

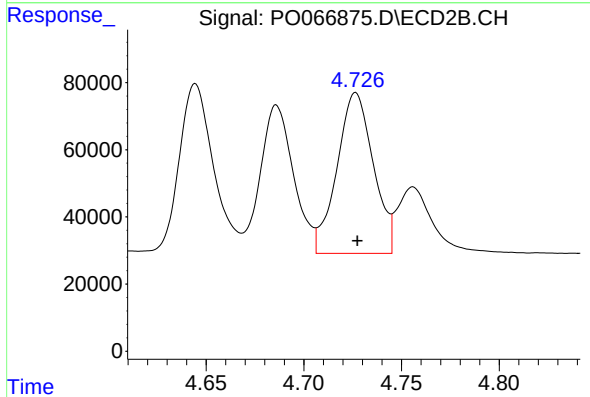
R.T.: 4.686 min
Delta R.T.: -0.002 min
Response: 523173
Conc: 432.53 ng/ml



#23 AR-1248-3

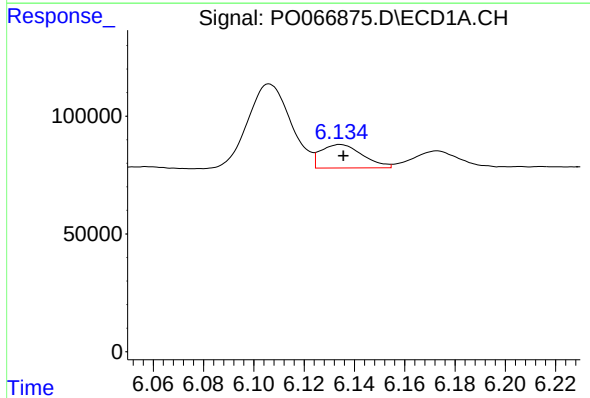
R.T.: 5.735 min
Delta R.T.: -0.002 min
Response: 597571
Conc: 451.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



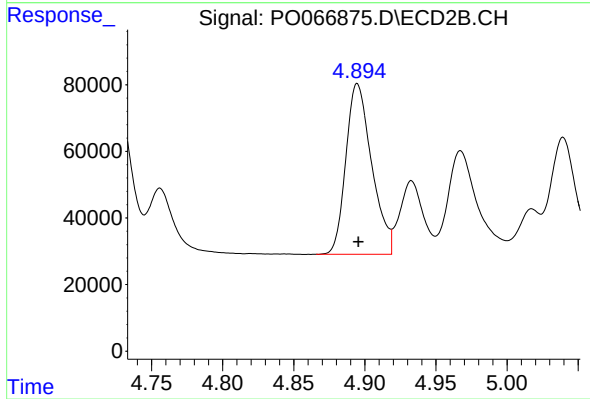
#23 AR-1248-3

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 619528
Conc: 499.37 ng/ml



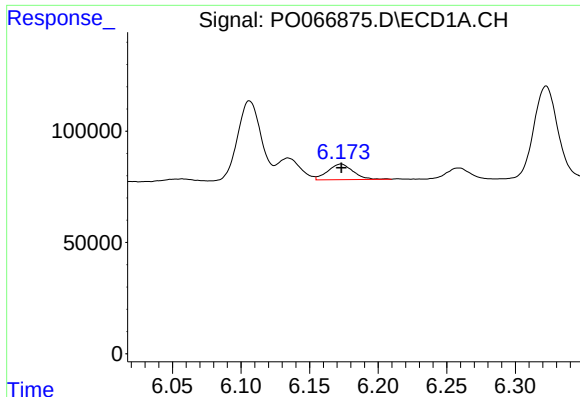
#24 AR-1248-4

R.T.: 6.134 min
Delta R.T.: -0.001 min
Response: 114938
Conc: 68.90 ng/ml



#24 AR-1248-4

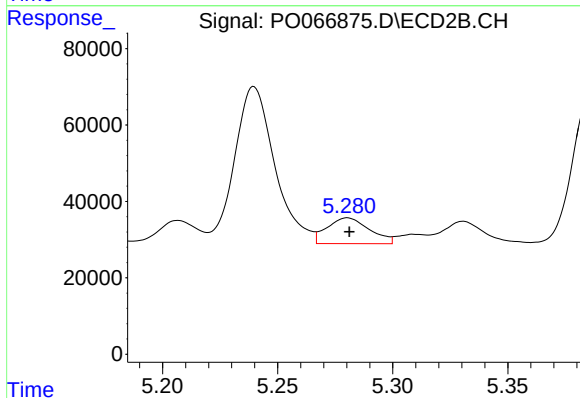
R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 648361
Conc: 441.87 ng/ml



#25 AR-1248-5

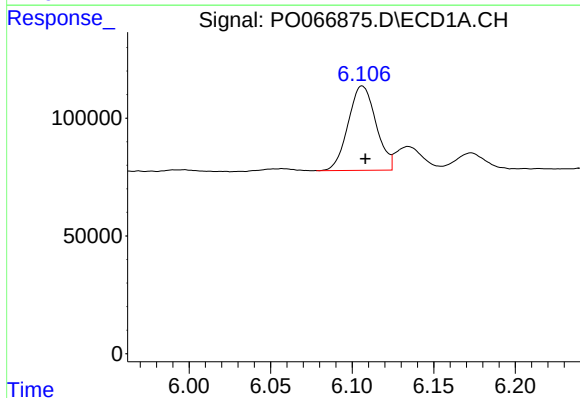
R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 90108
Conc: 57.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



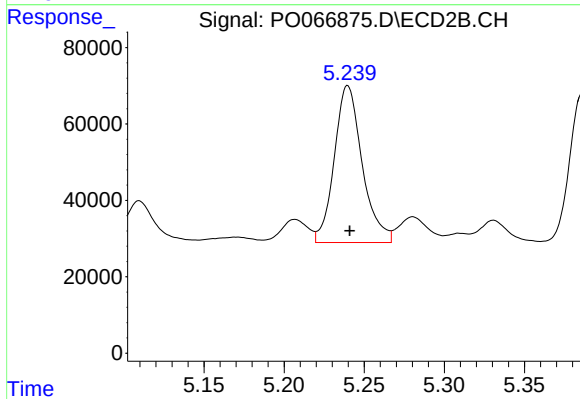
#25 AR-1248-5

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 86812
Conc: 55.93 ng/ml



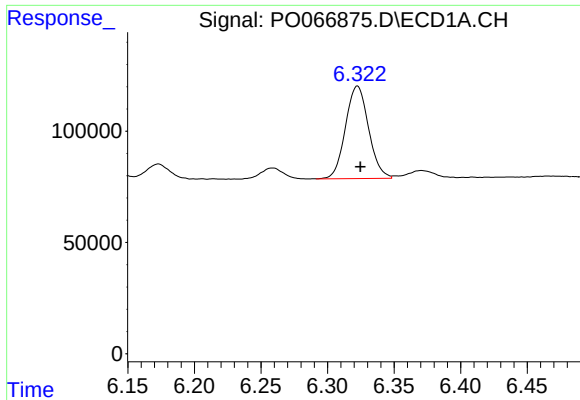
#26 AR-1254-1

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 426357
Conc: 267.20 ng/ml



#26 AR-1254-1

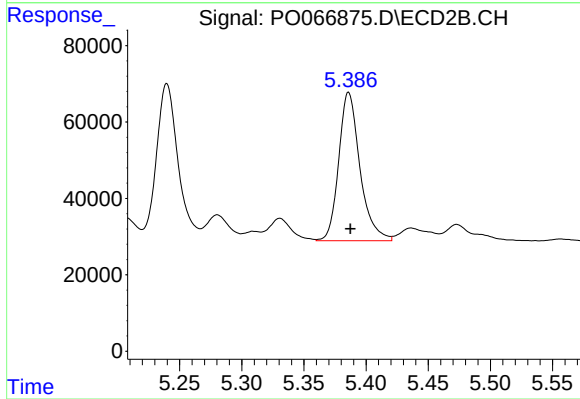
R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 498496
Conc: 216.07 ng/ml



#27 AR-1254-2

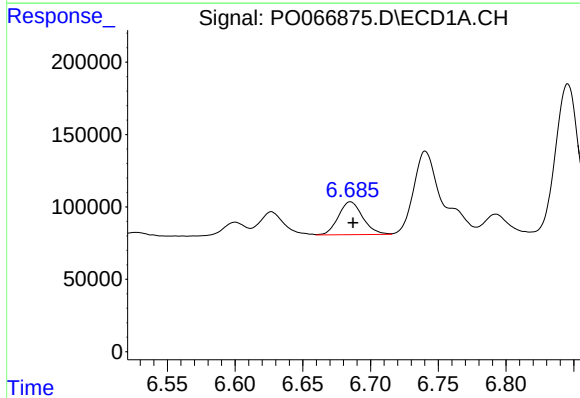
R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 502513
Conc: 193.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



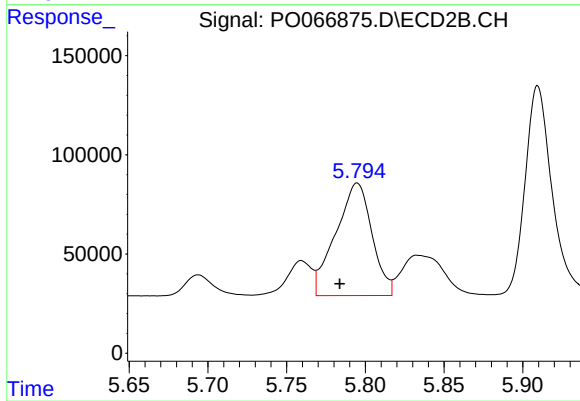
#27 AR-1254-2

R.T.: 5.386 min
Delta R.T.: -0.001 min
Response: 462866
Conc: 228.19 ng/ml



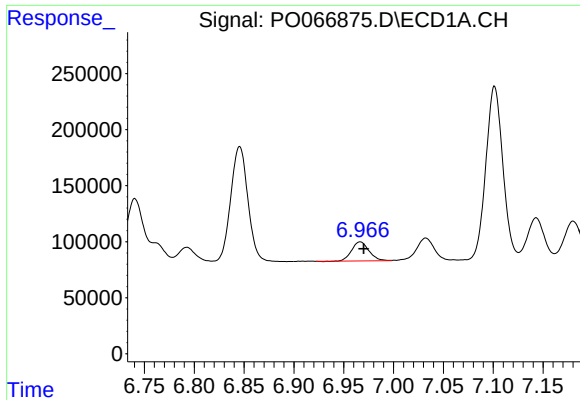
#28 AR-1254-3

R.T.: 6.685 min
Delta R.T.: -0.002 min
Response: 283723
Conc: 102.98 ng/ml



#28 AR-1254-3

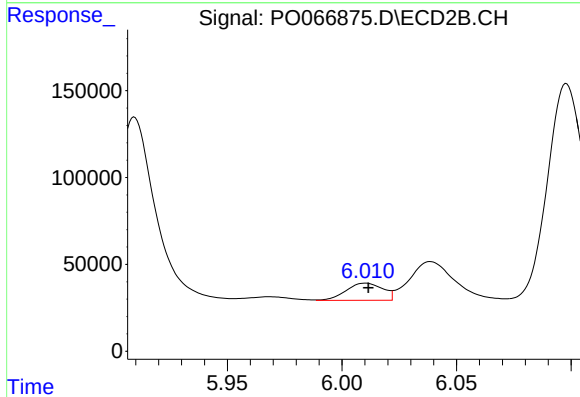
R.T.: 5.795 min
Delta R.T.: 0.011 min
Response: 907643
Conc: 270.01 ng/ml



#29 AR-1254-4

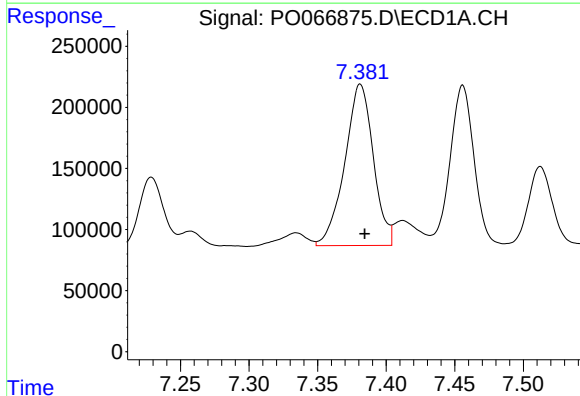
R.T.: 6.967 min
Delta R.T.: -0.004 min
Response: 206223
Conc: 85.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



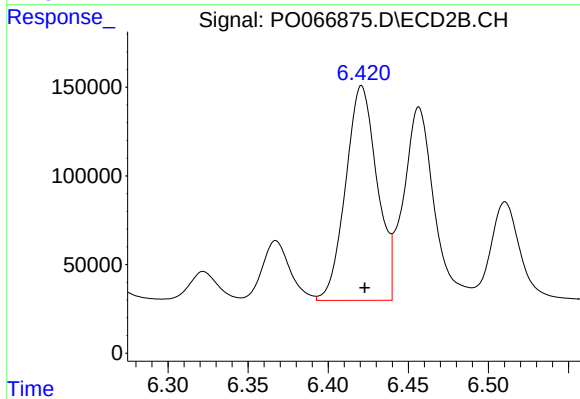
#29 AR-1254-4

R.T.: 6.010 min
Delta R.T.: -0.001 min
Response: 110091
Conc: 44.03 ng/ml



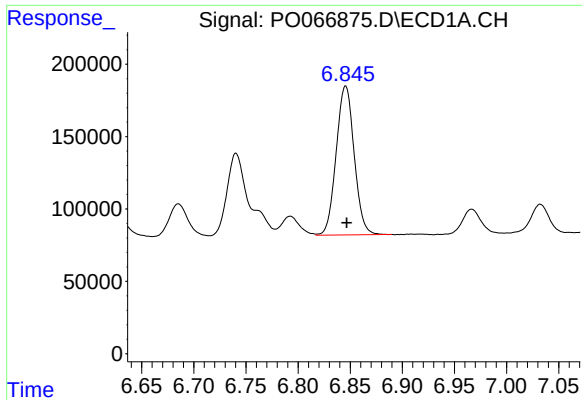
#30 AR-1254-5

R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 1912911
Conc: 762.04 ng/ml



#30 AR-1254-5

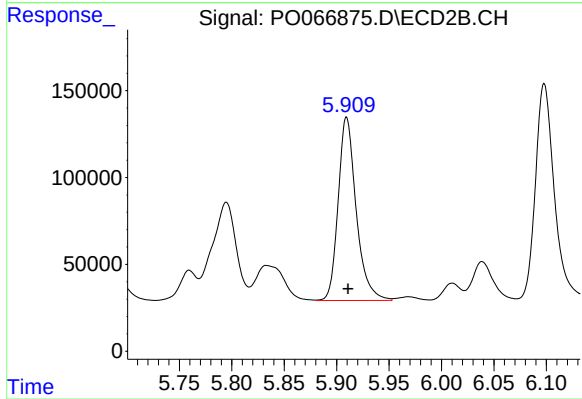
R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 1656522
Conc: 522.21 ng/ml



#31 AR-1260-1

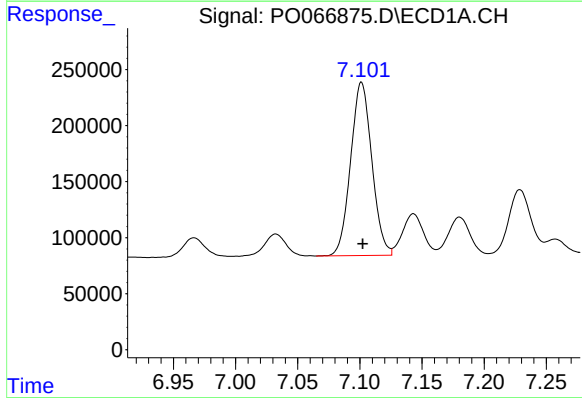
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 1236351
Conc: 537.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



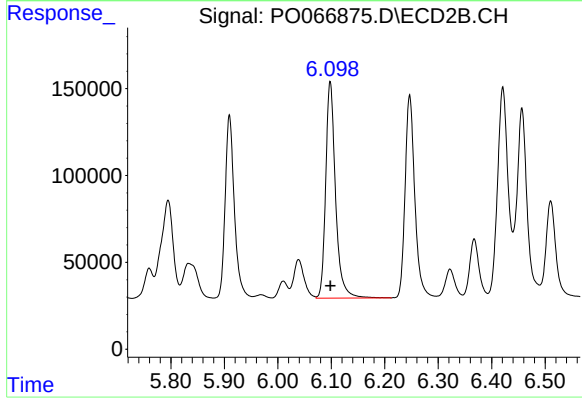
#31 AR-1260-1

R.T.: 5.910 min
Delta R.T.: -0.001 min
Response: 1264945
Conc: 507.51 ng/ml



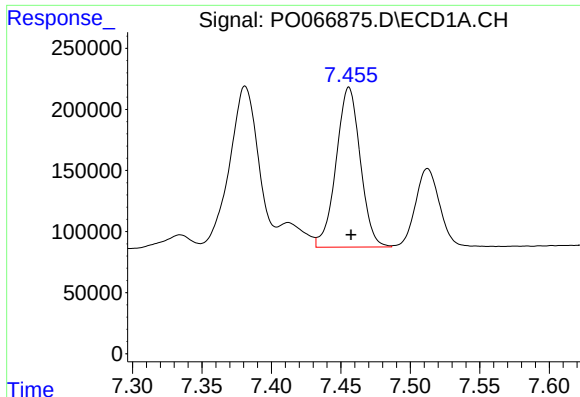
#32 AR-1260-2

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 1838924
Conc: 528.74 ng/ml



#32 AR-1260-2

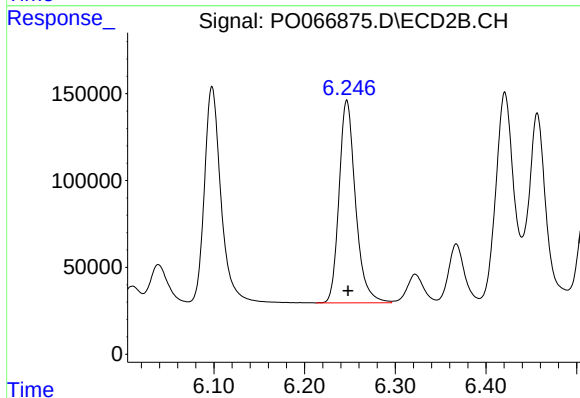
R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 1590840
Conc: 507.92 ng/ml



#33 AR-1260-3

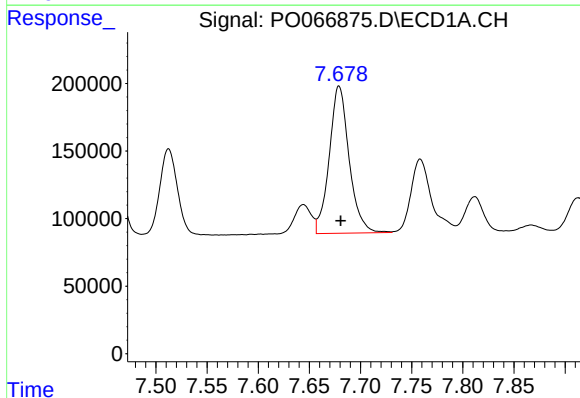
R.T.: 7.456 min
Delta R.T.: -0.001 min
Response: 1586715
Conc: 534.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



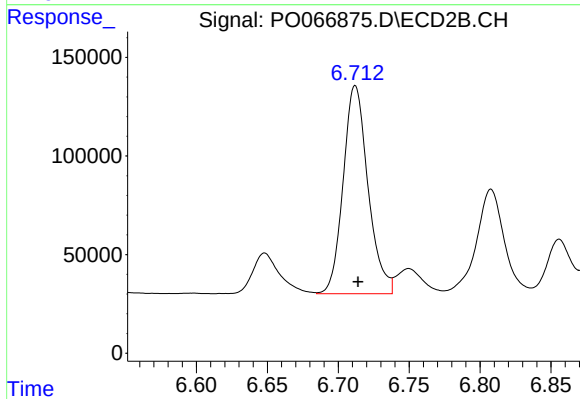
#33 AR-1260-3

R.T.: 6.247 min
Delta R.T.: -0.001 min
Response: 1469522
Conc: 499.56 ng/ml



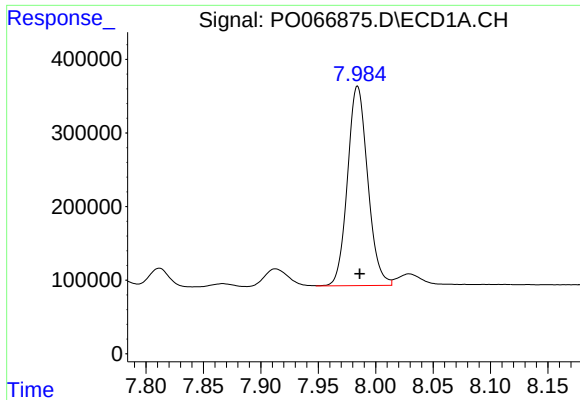
#34 AR-1260-4

R.T.: 7.679 min
Delta R.T.: -0.001 min
Response: 1476350
Conc: 538.59 ng/ml



#34 AR-1260-4

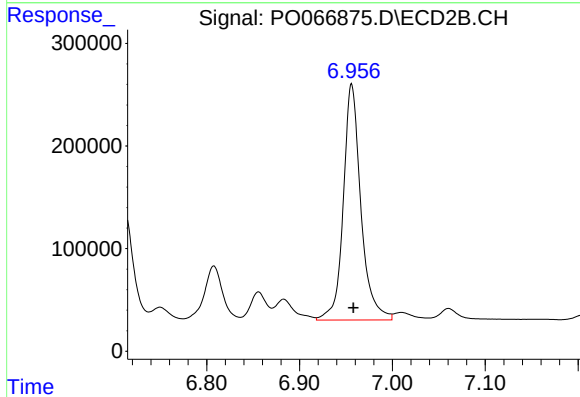
R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 1286946
Conc: 500.63 ng/ml



#35 AR-1260-5

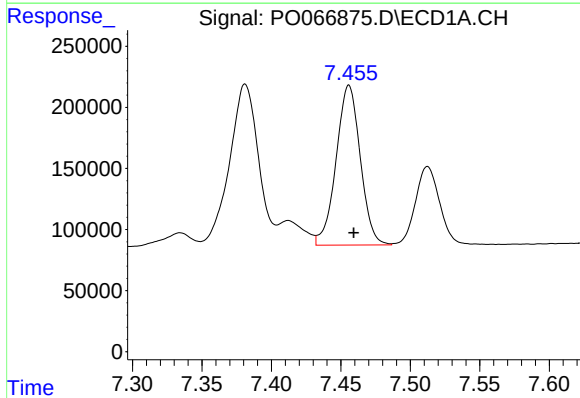
R.T.: 7.984 min
Delta R.T.: -0.002 min
Response: 3332003
Conc: 532.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



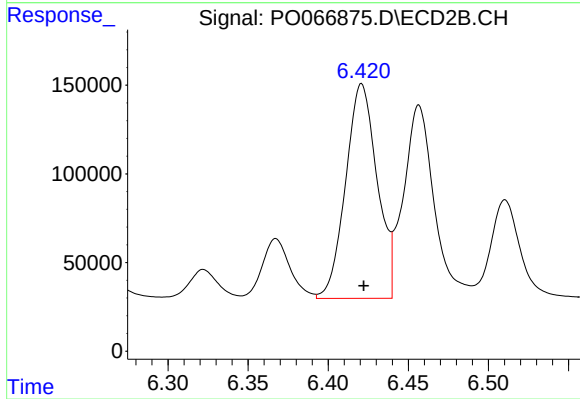
#35 AR-1260-5

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 3030783
Conc: 488.41 ng/ml



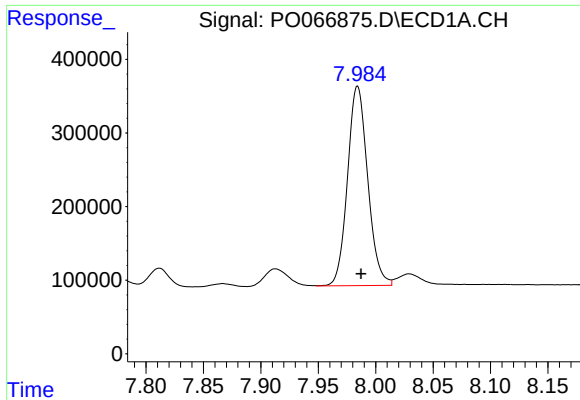
#36 AR-1262-1

R.T.: 7.456 min
Delta R.T.: -0.003 min
Response: 1586715
Conc: 421.11 ng/ml



#36 AR-1262-1

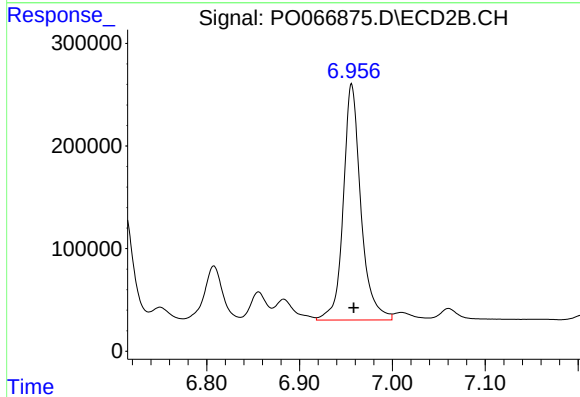
R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 1656522
Conc: 1059.49 ng/ml



#37 AR-1262-2

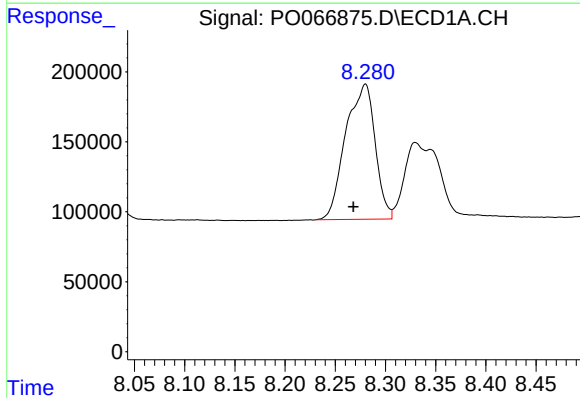
R.T.: 7.984 min
Delta R.T.: -0.003 min
Response: 3332003
Conc: 539.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



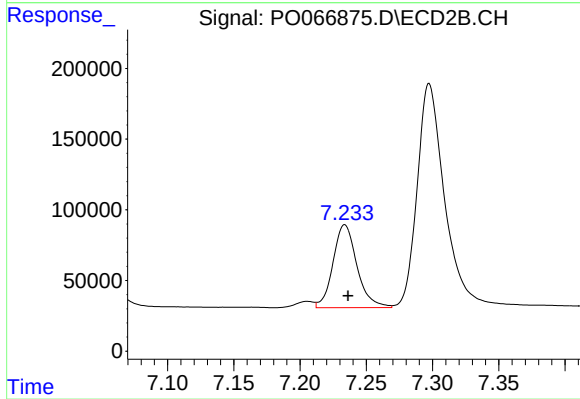
#37 AR-1262-2

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 3030783
Conc: 524.80 ng/ml



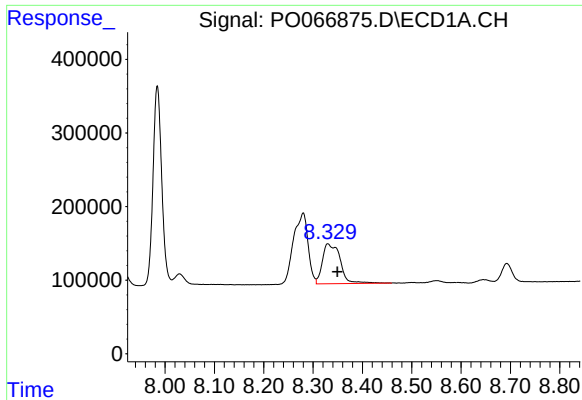
#38 AR-1262-3

R.T.: 8.280 min
Delta R.T.: 0.012 min
Response: 1972637
Conc: 481.94 ng/ml



#38 AR-1262-3

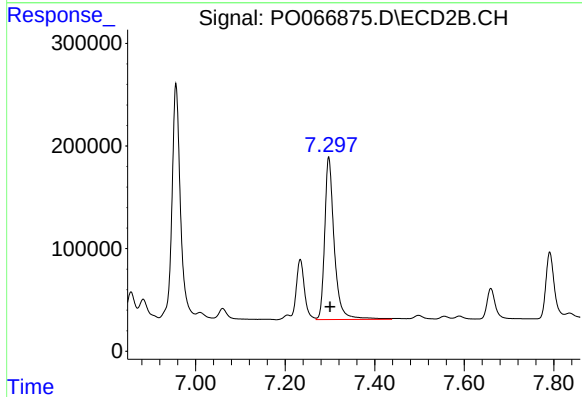
R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 738180
Conc: 305.39 ng/ml



#39 AR-1262-4

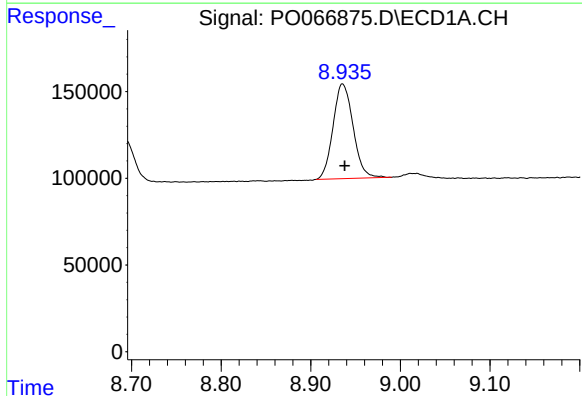
R.T.: 8.330 min
Delta R.T.: -0.019 min
Response: 1357834
Conc: 402.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



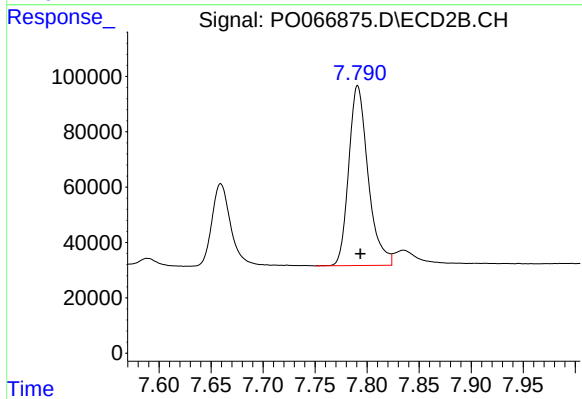
#39 AR-1262-4

R.T.: 7.297 min
Delta R.T.: -0.003 min
Response: 2355948
Conc: 531.38 ng/ml



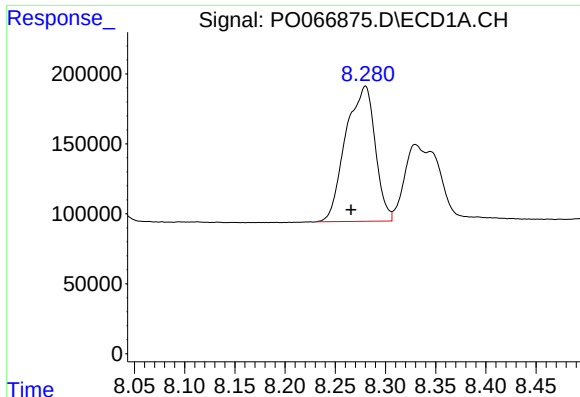
#40 AR-1262-5

R.T.: 8.935 min
Delta R.T.: -0.003 min
Response: 848066
Conc: 364.92 ng/ml



#40 AR-1262-5

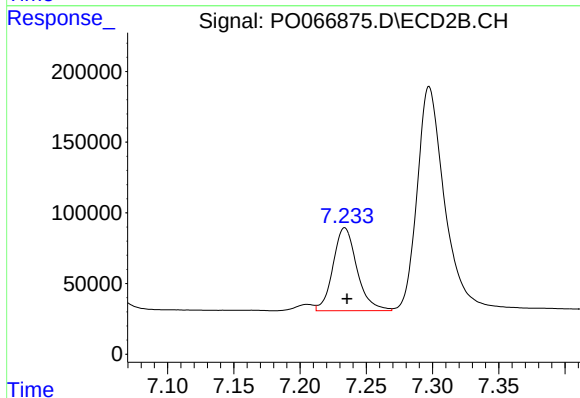
R.T.: 7.791 min
Delta R.T.: -0.003 min
Response: 842941
Conc: 415.26 ng/ml



#41 AR-1268-1

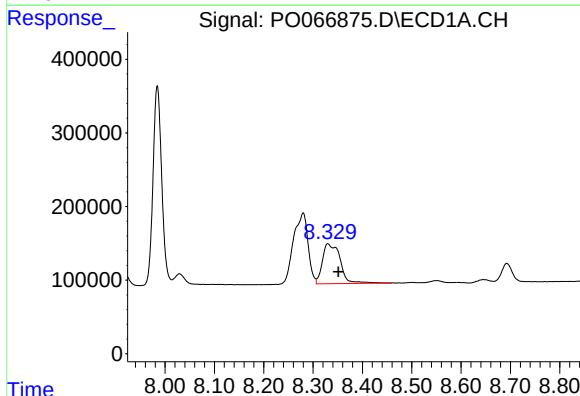
R.T.: 8.280 min
Delta R.T.: 0.014 min
Response: 1972637
Conc: 241.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



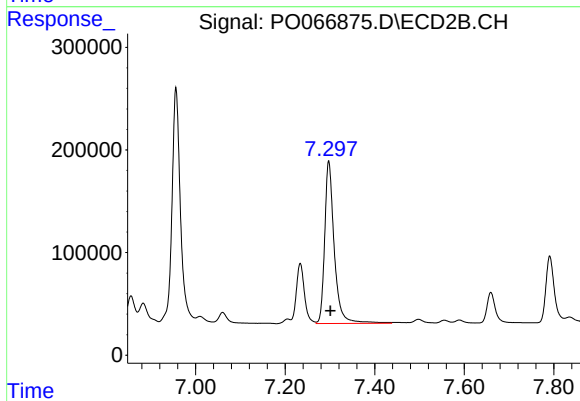
#41 AR-1268-1

R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 738180
Conc: 102.46 ng/ml



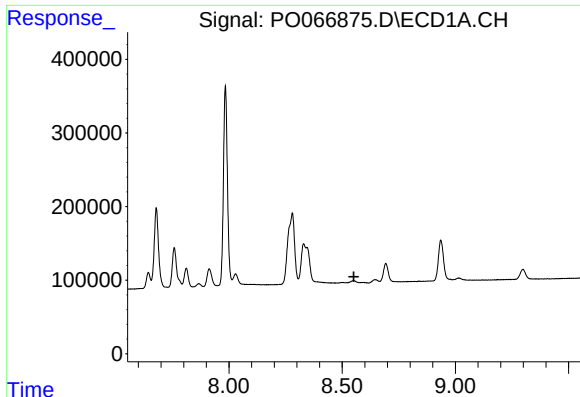
#42 AR-1268-2

R.T.: 8.330 min
Delta R.T.: -0.021 min
Response: 1357834
Conc: 190.28 ng/ml



#42 AR-1268-2

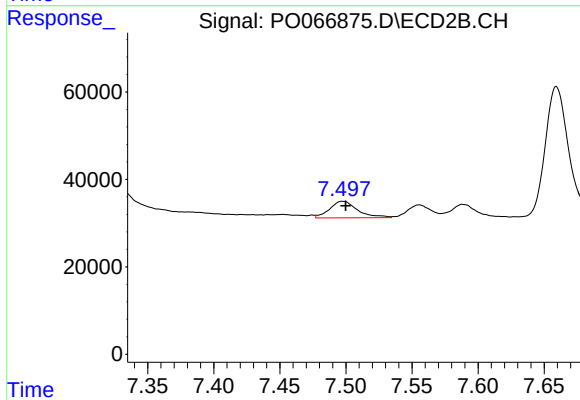
R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 2355948
Conc: 353.93 ng/ml



#43 AR-1268-3

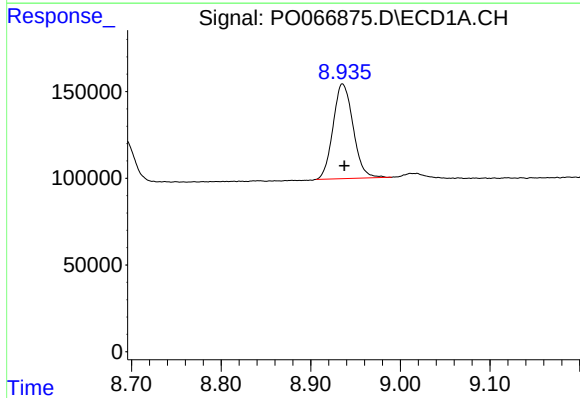
R.T.: 0.000 min
Exp R.T.: 8.552 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



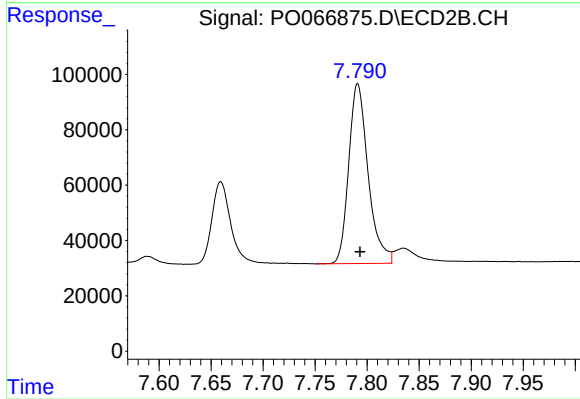
#43 AR-1268-3

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 55754
Conc: 10.07 ng/ml



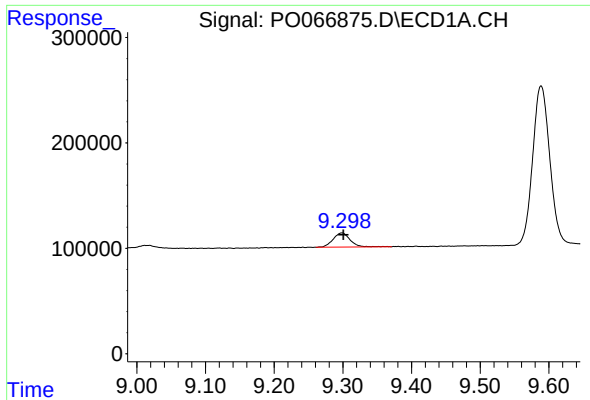
#44 AR-1268-4

R.T.: 8.935 min
Delta R.T.: -0.002 min
Response: 848066
Conc: 359.64 ng/ml



#44 AR-1268-4

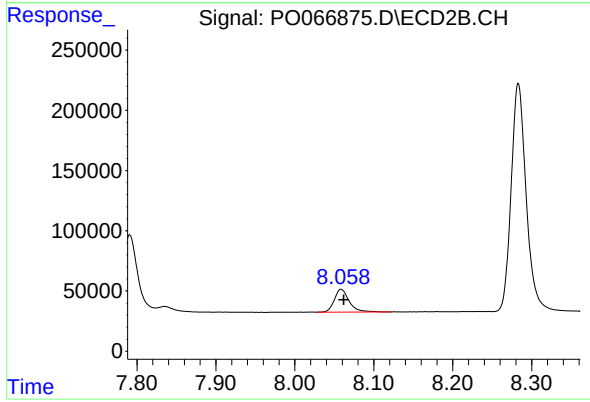
R.T.: 7.791 min
Delta R.T.: -0.002 min
Response: 842941
Conc: 346.42 ng/ml



#45 AR-1268-5

R.T.: 9.299 min
Delta R.T.: -0.002 min
Response: 233082
Conc: 13.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 248242
Conc: 14.13 ng/ml