

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121819\
 Data File : PO064774.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Dec 2019 10:10
 Operator : SM/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: Dec 18 11:09:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 13 08:19:24 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...	4.187	3.462	984946	1068719	40.458	42.160
2)	SA Decachlor...	9.712	8.385	1293699	1647598	42.153	47.442
Target Compounds							
3)	L1 AR-1016-1	5.340	4.527	422770	530008	423.688	490.075
4)	L1 AR-1016-2	5.340	4.545	422770	738025	291.108	490.747 #
5)	L1 AR-1016-3	5.423	4.718	387201	400197	437.615	514.812
6)	L1 AR-1016-4	5.520	4.760	327318	343493	451.896	522.430
7)	L1 AR-1016-5	5.811	4.970	331842	437844	455.343	501.791
8)	L2 AR-1221-1	4.389	3.671	34130	40074	131.661	143.171
9)	L2 AR-1221-2	4.482	3.756	51580	59627	260.977	280.478
10)	L2 AR-1221-3	4.555	3.830	196551	229682	296.703	325.081
11)	L3 AR-1232-1	4.555	3.830	196551	229682	194.338	205.438
12)	L3 AR-1232-2	5.075	4.545	285716	738025	559.233	613.343
13)	L3 AR-1232-3	5.340	4.718	422770	400197	378.134	642.993 #
14)	L3 AR-1232-4	5.520	4.801	327318	417820	588.788	733.404
15)	L3 AR-1232-5	5.610	4.970	274411	437844	661.248	689.856
16)	L4 AR-1242-1	5.340	4.527	422770	530008	539.479	609.959
17)	L4 AR-1242-2	5.340	4.545	422770	738025	374.662	618.373 #
18)	L4 AR-1242-3	5.423	4.718	387201	400197	556.091	631.094
19)	L4 AR-1242-4	5.520	4.801	327318	417820	580.580	641.913
20)	L4 AR-1242-5	6.249	5.318	55140	336755	79.118	378.823 #
21)	L5 AR-1248-1	5.340	4.527	422770	530008	655.064	740.425
22)	L5 AR-1248-2	5.584	4.760	25654	343493	27.762	349.826 #
23)	L5 AR-1248-3	5.811	4.801	331842	417820	312.357	410.629 #
24)	L5 AR-1248-4	6.184	4.970	239984	437844	184.023	340.203 #
25)	L5 AR-1248-5	6.249	5.318	55140	336755	44.312	177.143 #
26)	L6 AR-1254-1	6.184	5.318	239984	336755	188.439	165.830
27)	L6 AR-1254-2	6.400	5.464	279530	325840	134.386	178.701 #
28)	L6 AR-1254-3	6.764	5.844	154377	143952	64.653	46.340 #
29)	L6 AR-1254-4	7.047	6.090	129876	99987	69.455	48.678 #
30)	L6 AR-1254-5	7.462	6.505	1072903	1332707	509.929	446.485
31)	L7 AR-1260-1	6.926	5.992	707425	939866	460.471	508.999
32)	L7 AR-1260-2	7.182	6.180	885084	1190063	448.371	511.502
33)	L7 AR-1260-3	7.538	6.331	690329	1084381	459.420	512.148
34)	L7 AR-1260-4	7.760	6.800	823920	962105	446.032	510.699
35)	L7 AR-1260-5	8.067	7.041	1617364	2277008	433.411	485.500
36)	L8 AR-1262-1	7.538	6.596	690329	513909	300.216	447.948 #
37)	L8 AR-1262-2	8.067	7.041	1617364	2277008	372.611	416.705
38)	L8 AR-1262-3	8.367	7.322	1051309	511841	361.276	245.745 #
39)	L8 AR-1262-4	8.420	7.385	395760	1685951	182.856	423.492 #
40)	L8 AR-1262-5	9.039	7.878	446731	562547	304.553	322.639
41)	L9 AR-1268-1	8.367	7.322	1051309	511841	203.424	80.044 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121819\
 Data File : P0064774.D
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 Acq On : 18 Dec 2019 10:10
 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

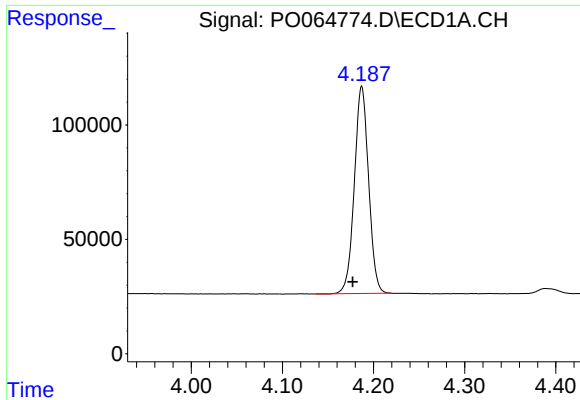
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 11:09:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.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	8.420	7.385	395760	1685951	84.161	289.262 #
43) L9	AR-1268-3	8.646	0.000	32278	0	8.373	N.D. #
44) L9	AR-1268-4	9.039	7.878	446731	562547	265.721	279.472
45) L9	AR-1268-5	9.411	8.151	120783	147990	10.178	10.230

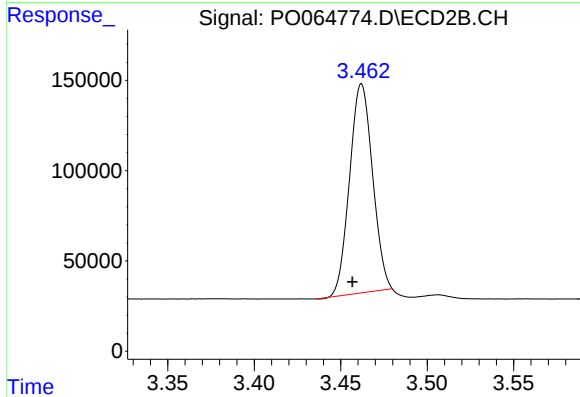
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

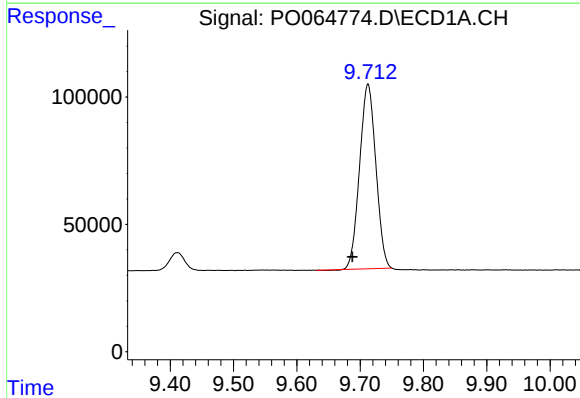
R.T.: 4.187 min
Delta R.T.: 0.010 min
Response: 984946
Conc: 40.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



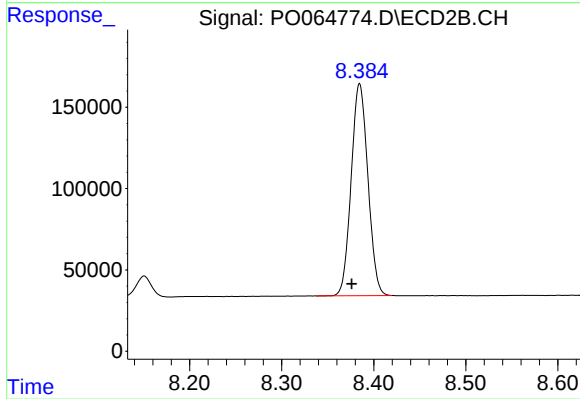
#1 Tetrachloro-m-xylene

R.T.: 3.462 min
Delta R.T.: 0.005 min
Response: 1068719
Conc: 42.16 ng/ml



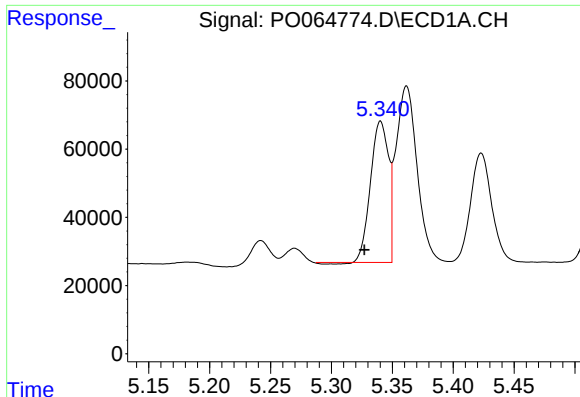
#2 Decachlorobiphenyl

R.T.: 9.712 min
Delta R.T.: 0.025 min
Response: 1293699
Conc: 42.15 ng/ml



#2 Decachlorobiphenyl

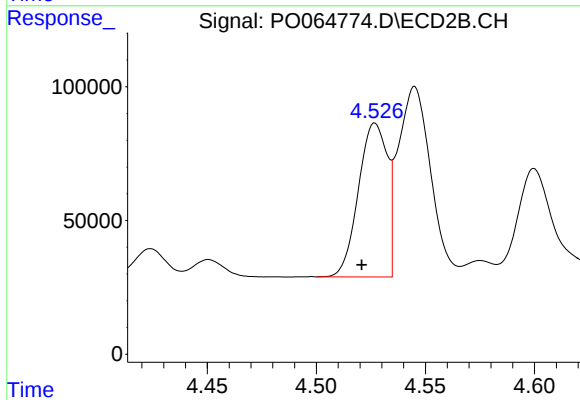
R.T.: 8.385 min
Delta R.T.: 0.009 min
Response: 1647598
Conc: 47.44 ng/ml



#3 AR-1016-1

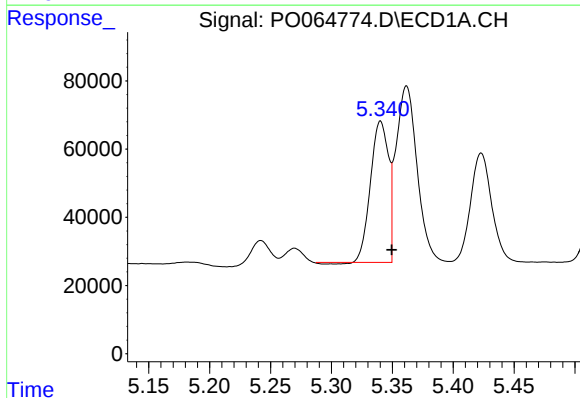
R.T.: 5.340 min
Delta R.T.: 0.013 min
Response: 422770
Conc: 423.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



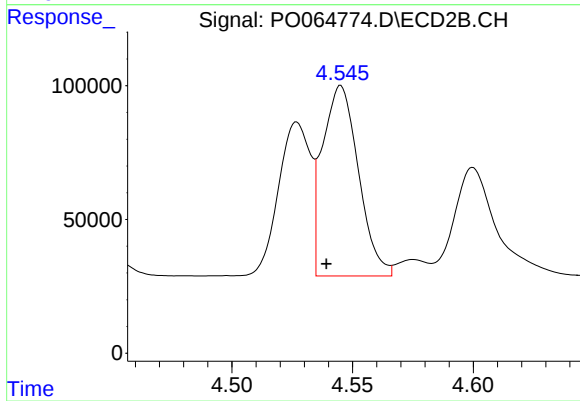
#3 AR-1016-1

R.T.: 4.527 min
Delta R.T.: 0.006 min
Response: 530008
Conc: 490.08 ng/ml



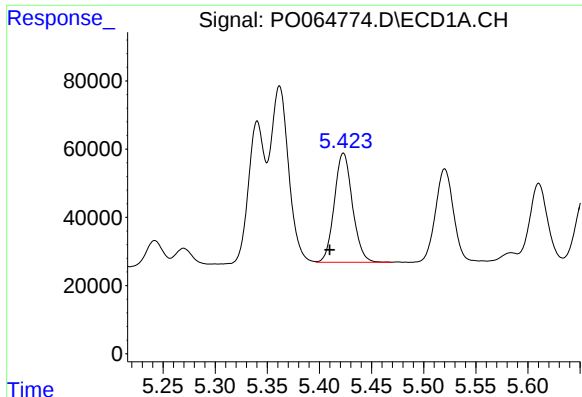
#4 AR-1016-2

R.T.: 5.340 min
Delta R.T.: -0.009 min
Response: 422770
Conc: 291.11 ng/ml



#4 AR-1016-2

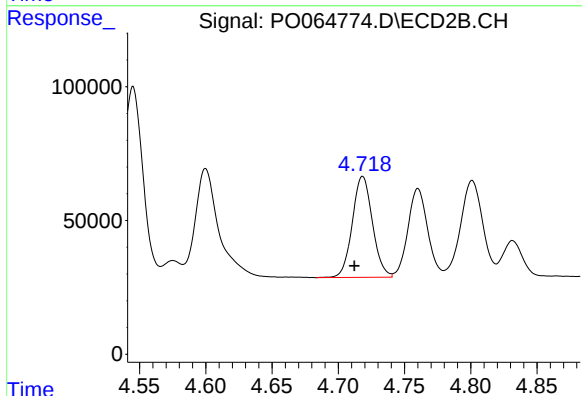
R.T.: 4.545 min
Delta R.T.: 0.006 min
Response: 738025
Conc: 490.75 ng/ml



#5 AR-1016-3

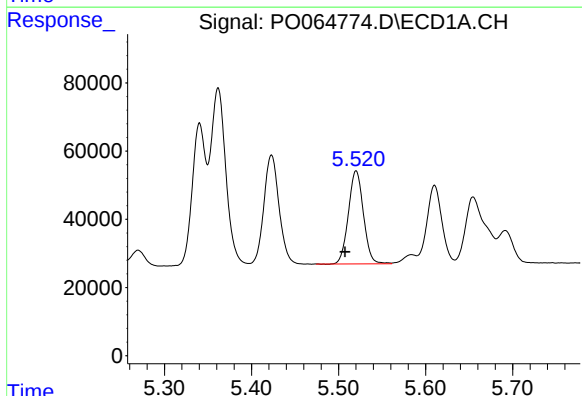
R.T.: 5.423 min
Delta R.T.: 0.013 min
Response: 387201
Conc: 437.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



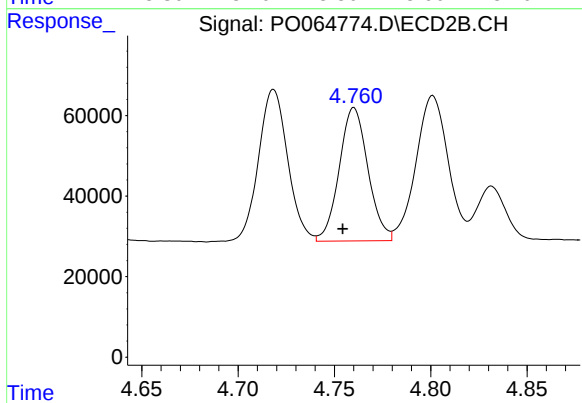
#5 AR-1016-3

R.T.: 4.718 min
Delta R.T.: 0.006 min
Response: 400197
Conc: 514.81 ng/ml



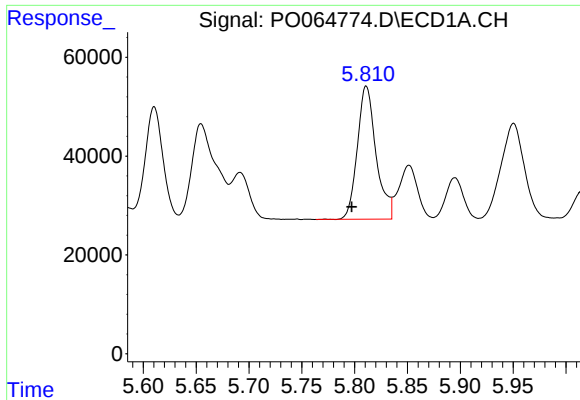
#6 AR-1016-4

R.T.: 5.520 min
Delta R.T.: 0.013 min
Response: 327318
Conc: 451.90 ng/ml



#6 AR-1016-4

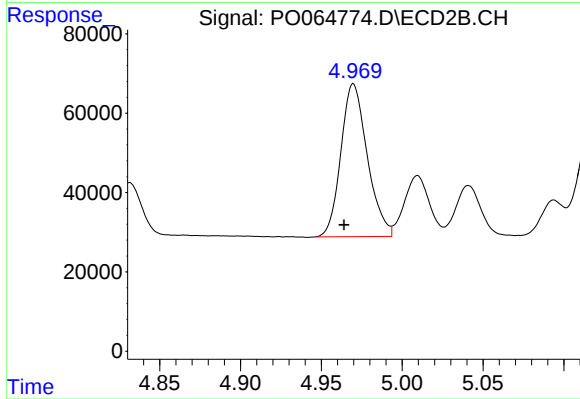
R.T.: 4.760 min
Delta R.T.: 0.006 min
Response: 343493
Conc: 522.43 ng/ml



#7 AR-1016-5

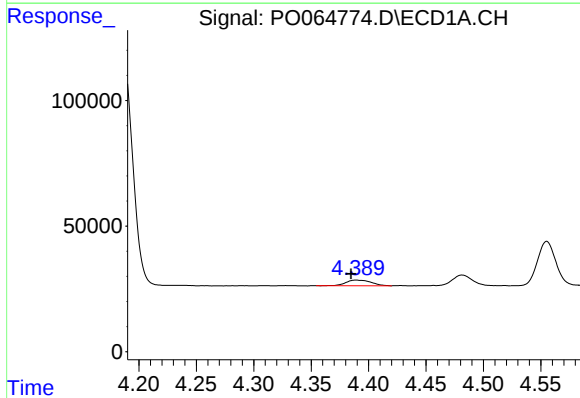
R.T.: 5.811 min
Delta R.T.: 0.014 min
Response: 331842
Conc: 455.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



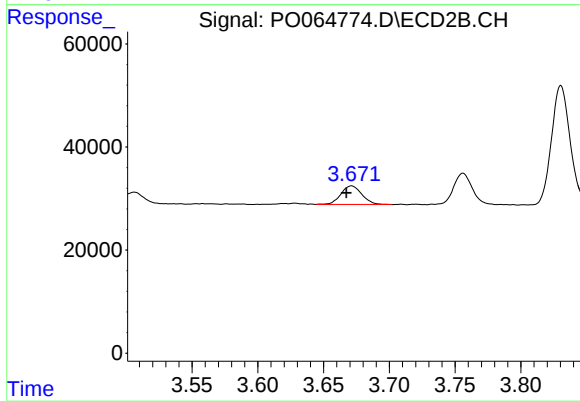
#7 AR-1016-5

R.T.: 4.970 min
Delta R.T.: 0.006 min
Response: 437844
Conc: 501.79 ng/ml



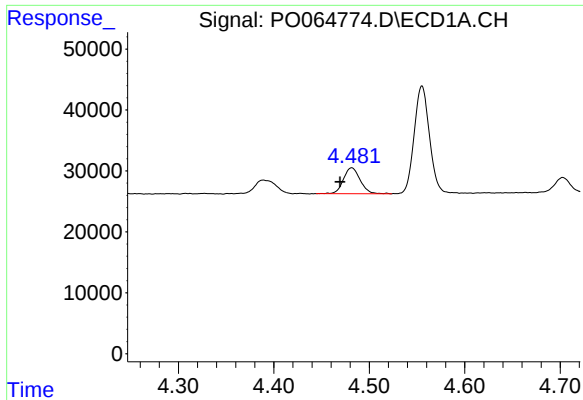
#8 AR-1221-1

R.T.: 4.389 min
Delta R.T.: 0.004 min
Response: 34130
Conc: 131.66 ng/ml



#8 AR-1221-1

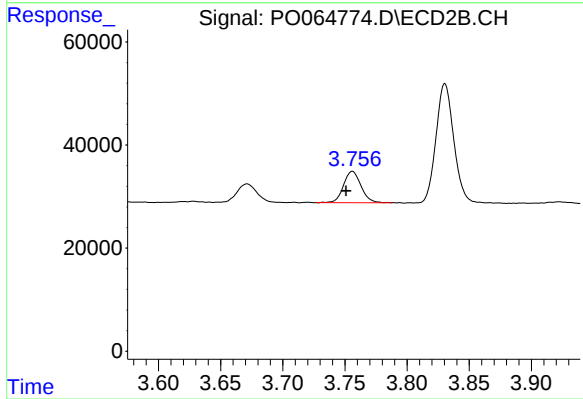
R.T.: 3.671 min
Delta R.T.: 0.004 min
Response: 40074
Conc: 143.17 ng/ml



#9 AR-1221-2

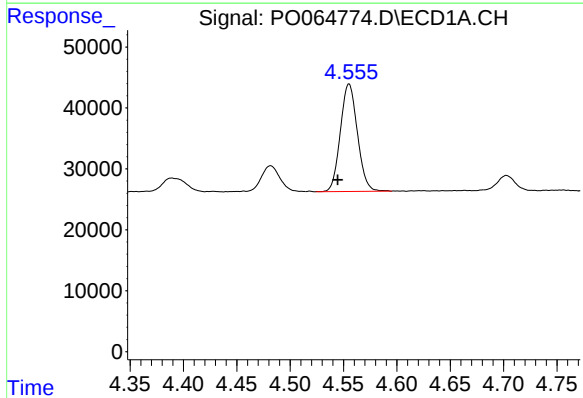
R.T.: 4.482 min
Delta R.T.: 0.012 min
Response: 51580
Conc: 260.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



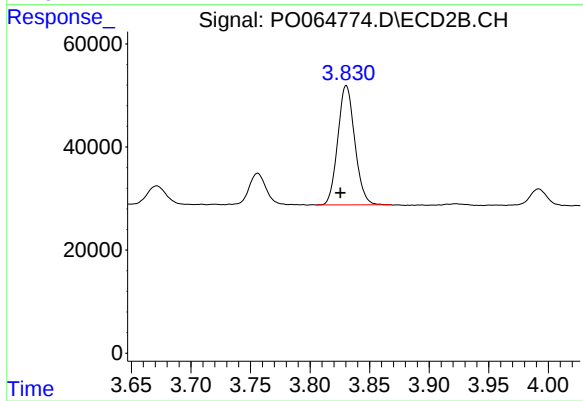
#9 AR-1221-2

R.T.: 3.756 min
Delta R.T.: 0.005 min
Response: 59627
Conc: 280.48 ng/ml



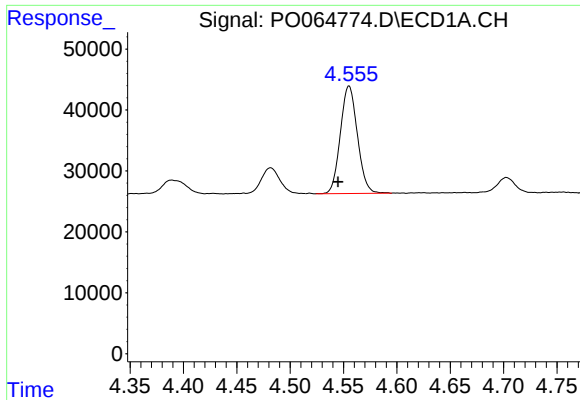
#10 AR-1221-3

R.T.: 4.555 min
Delta R.T.: 0.011 min
Response: 196551
Conc: 296.70 ng/ml



#10 AR-1221-3

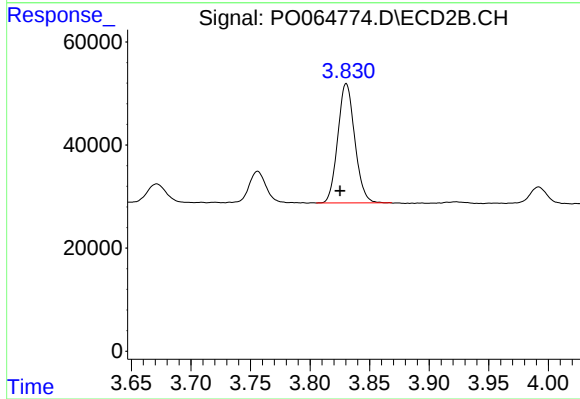
R.T.: 3.830 min
Delta R.T.: 0.005 min
Response: 229682
Conc: 325.08 ng/ml



#11 AR-1232-1

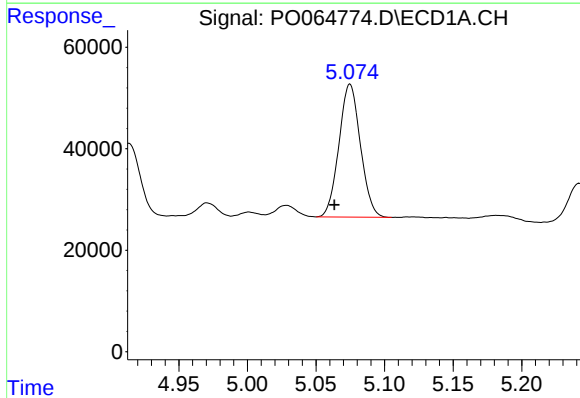
R.T.: 4.555 min
Delta R.T.: 0.010 min
Response: 196551
Conc: 194.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



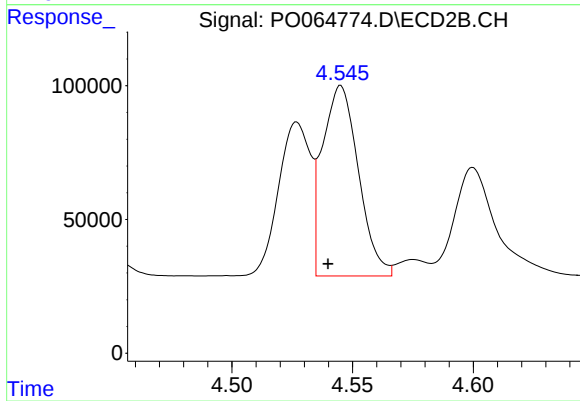
#11 AR-1232-1

R.T.: 3.830 min
Delta R.T.: 0.005 min
Response: 229682
Conc: 205.44 ng/ml



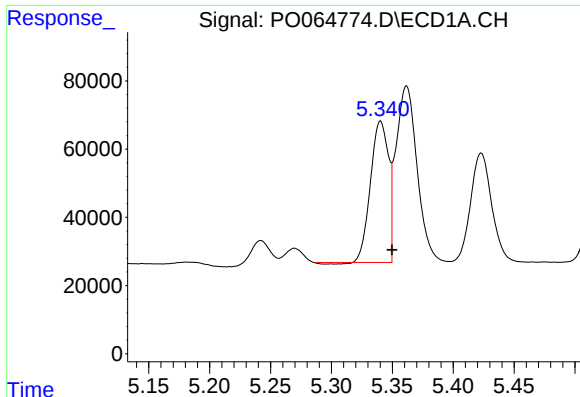
#12 AR-1232-2

R.T.: 5.075 min
Delta R.T.: 0.011 min
Response: 285716
Conc: 559.23 ng/ml



#12 AR-1232-2

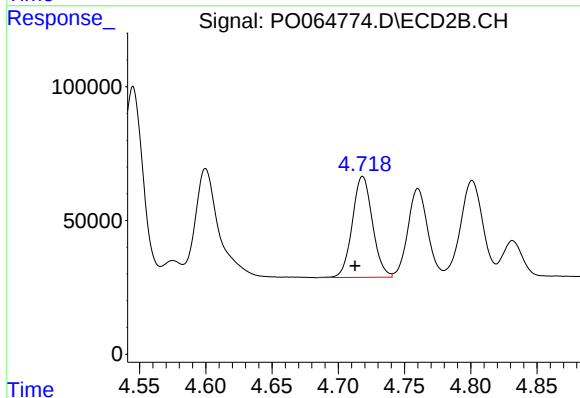
R.T.: 4.545 min
Delta R.T.: 0.005 min
Response: 738025
Conc: 613.34 ng/ml



#13 AR-1232-3

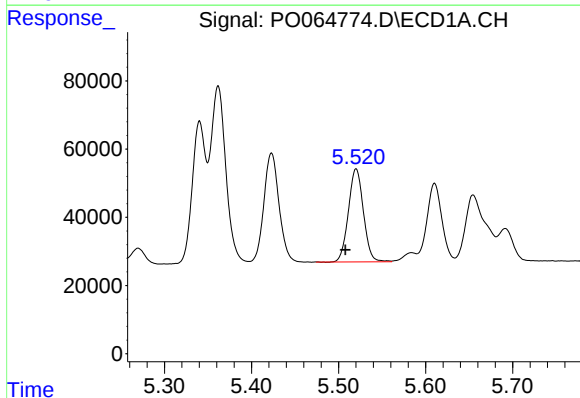
R.T.: 5.340 min
Delta R.T.: -0.009 min
Response: 422770
Conc: 378.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



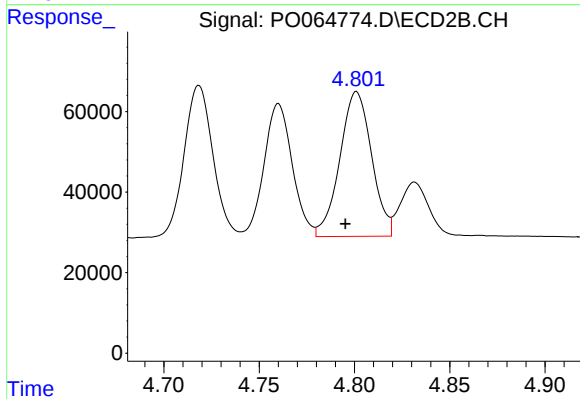
#13 AR-1232-3

R.T.: 4.718 min
Delta R.T.: 0.006 min
Response: 400197
Conc: 642.99 ng/ml



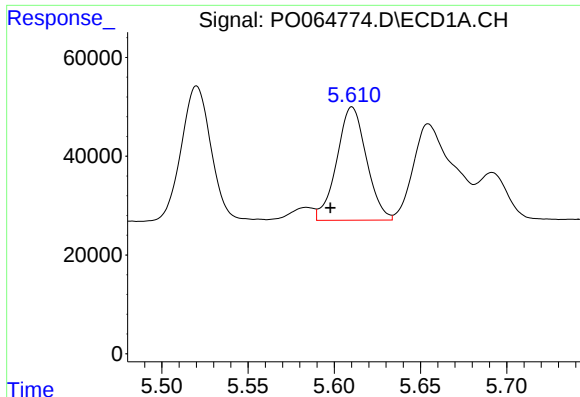
#14 AR-1232-4

R.T.: 5.520 min
Delta R.T.: 0.012 min
Response: 327318
Conc: 588.79 ng/ml



#14 AR-1232-4

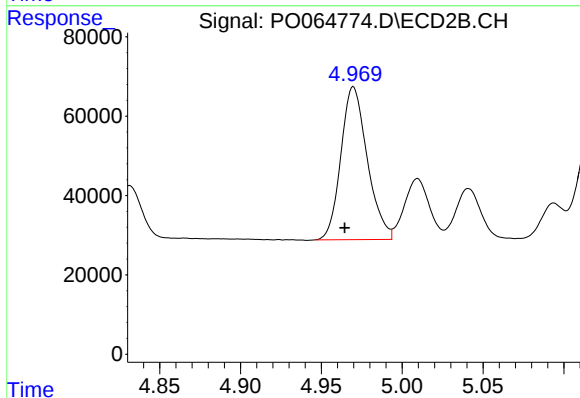
R.T.: 4.801 min
Delta R.T.: 0.006 min
Response: 417820
Conc: 733.40 ng/ml



#15 AR-1232-5

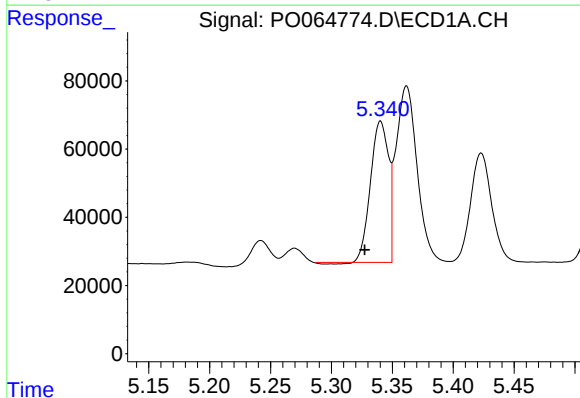
R.T.: 5.610 min
Delta R.T.: 0.013 min
Response: 274411
Conc: 661.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



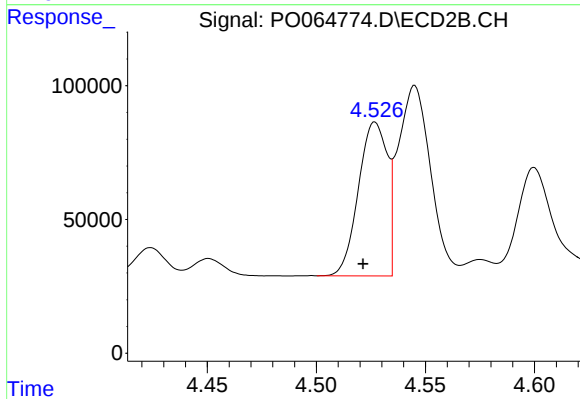
#15 AR-1232-5

R.T.: 4.970 min
Delta R.T.: 0.005 min
Response: 437844
Conc: 689.86 ng/ml



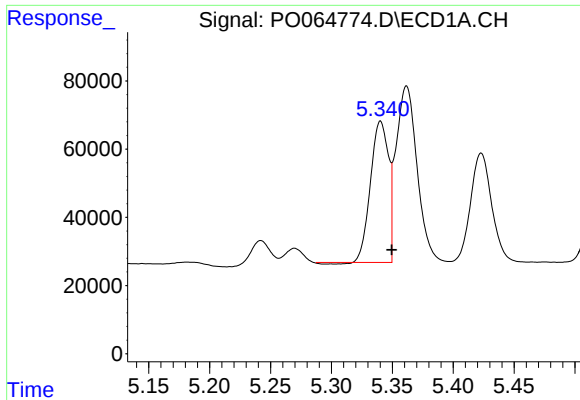
#16 AR-1242-1

R.T.: 5.340 min
Delta R.T.: 0.013 min
Response: 422770
Conc: 539.48 ng/ml



#16 AR-1242-1

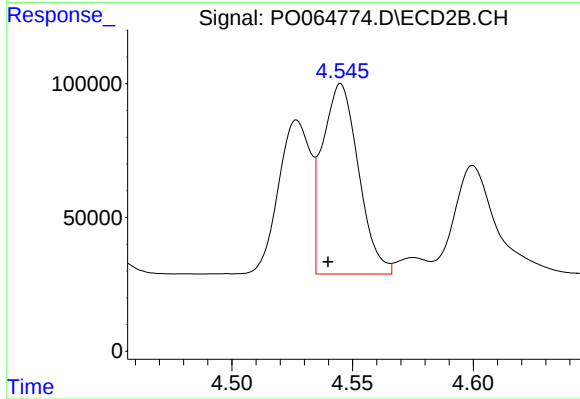
R.T.: 4.527 min
Delta R.T.: 0.006 min
Response: 530008
Conc: 609.96 ng/ml



#17 AR-1242-2

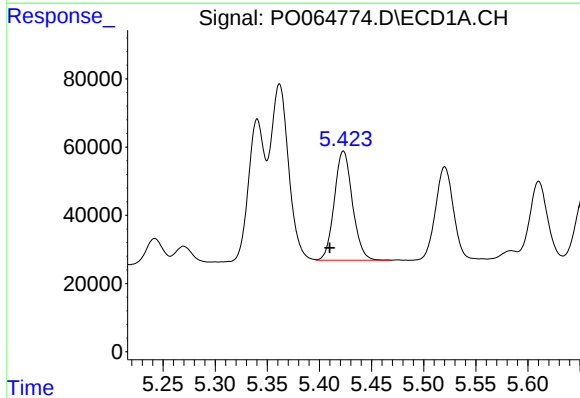
R.T.: 5.340 min
Delta R.T.: -0.009 min
Response: 422770
Conc: 374.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



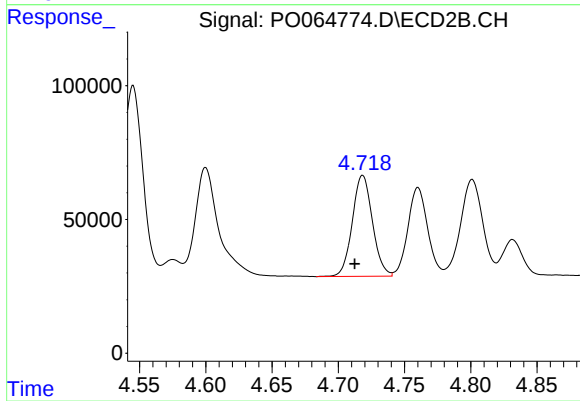
#17 AR-1242-2

R.T.: 4.545 min
Delta R.T.: 0.005 min
Response: 738025
Conc: 618.37 ng/ml



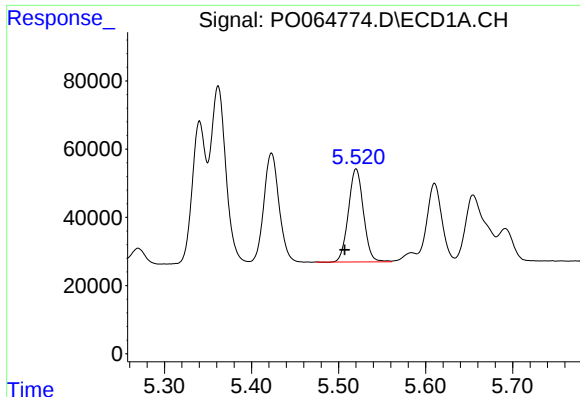
#18 AR-1242-3

R.T.: 5.423 min
Delta R.T.: 0.013 min
Response: 387201
Conc: 556.09 ng/ml



#18 AR-1242-3

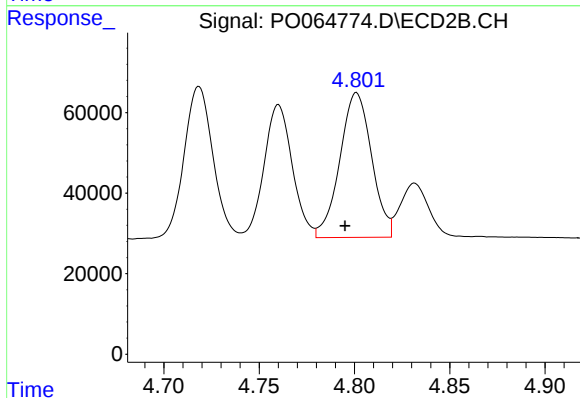
R.T.: 4.718 min
Delta R.T.: 0.006 min
Response: 400197
Conc: 631.09 ng/ml



#19 AR-1242-4

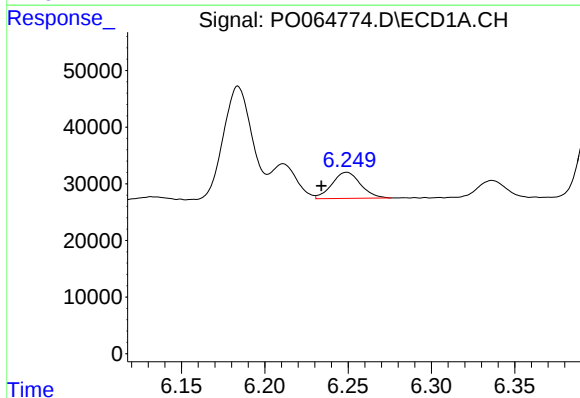
R.T.: 5.520 min
Delta R.T.: 0.013 min
Response: 327318
Conc: 580.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



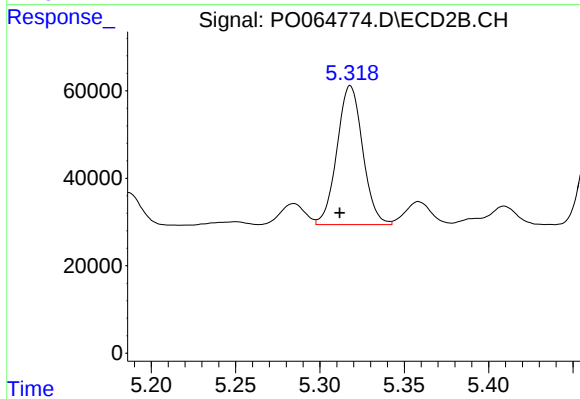
#19 AR-1242-4

R.T.: 4.801 min
Delta R.T.: 0.006 min
Response: 417820
Conc: 641.91 ng/ml



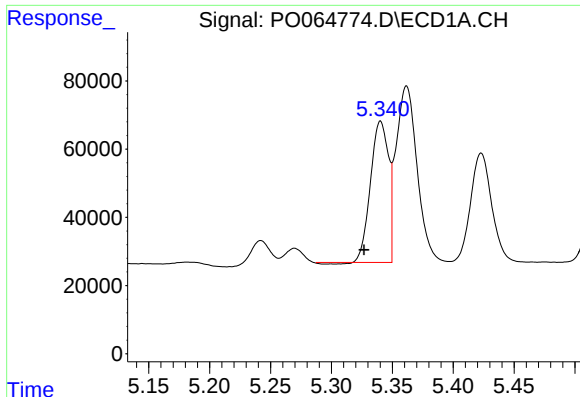
#20 AR-1242-5

R.T.: 6.249 min
Delta R.T.: 0.015 min
Response: 55140
Conc: 79.12 ng/ml



#20 AR-1242-5

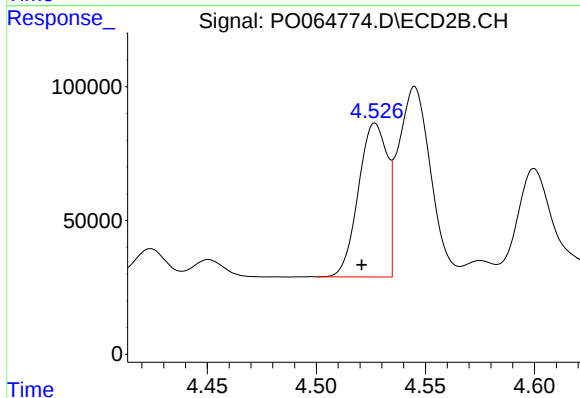
R.T.: 5.318 min
Delta R.T.: 0.006 min
Response: 336755
Conc: 378.82 ng/ml



#21 AR-1248-1

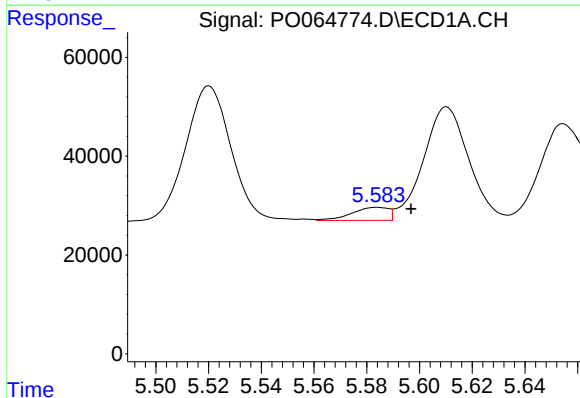
R.T.: 5.340 min
Delta R.T.: 0.014 min
Response: 422770
Conc: 655.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



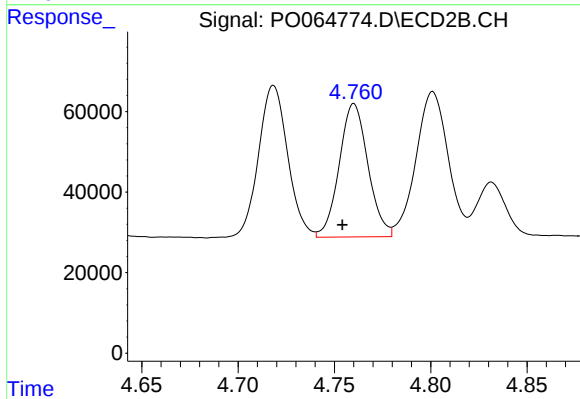
#21 AR-1248-1

R.T.: 4.527 min
Delta R.T.: 0.006 min
Response: 530008
Conc: 740.42 ng/ml



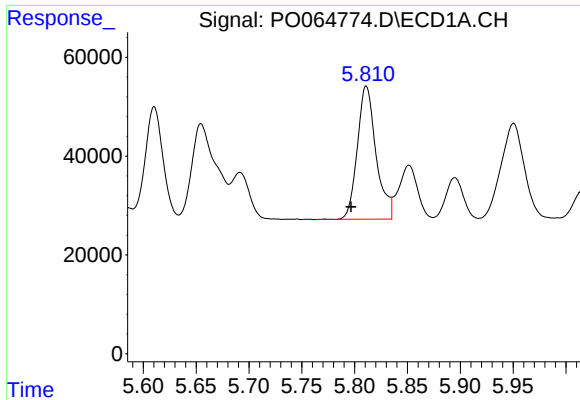
#22 AR-1248-2

R.T.: 5.584 min
Delta R.T.: -0.013 min
Response: 25654
Conc: 27.76 ng/ml



#22 AR-1248-2

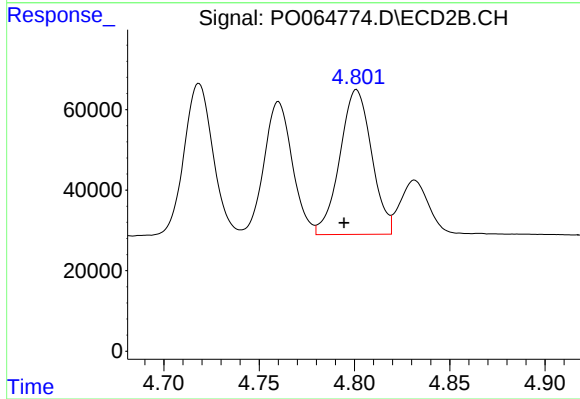
R.T.: 4.760 min
Delta R.T.: 0.006 min
Response: 343493
Conc: 349.83 ng/ml



#23 AR-1248-3

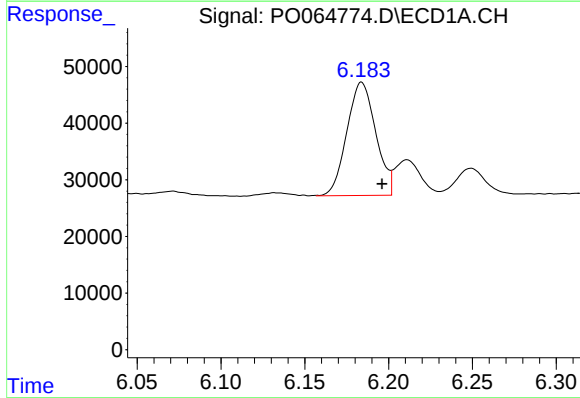
R.T.: 5.811 min
Delta R.T.: 0.014 min
Response: 331842
Conc: 312.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



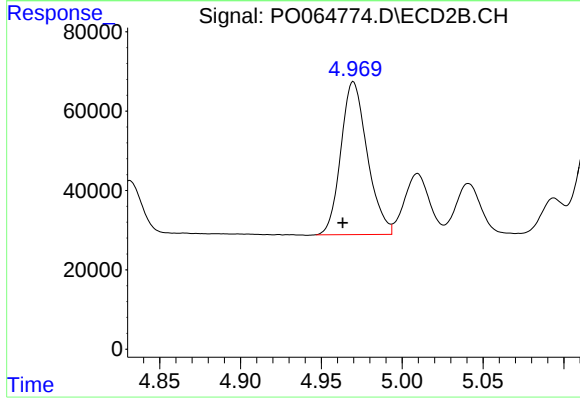
#23 AR-1248-3

R.T.: 4.801 min
Delta R.T.: 0.007 min
Response: 417820
Conc: 410.63 ng/ml



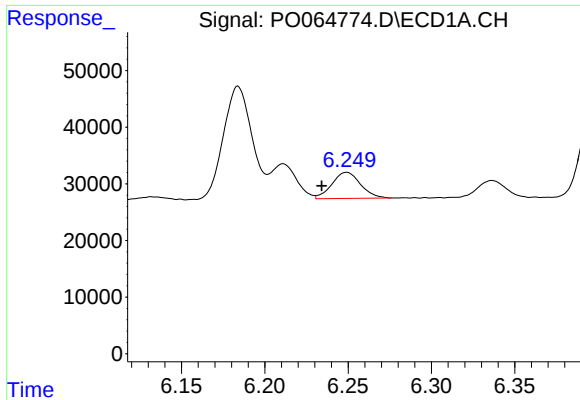
#24 AR-1248-4

R.T.: 6.184 min
Delta R.T.: -0.012 min
Response: 239984
Conc: 184.02 ng/ml



#24 AR-1248-4

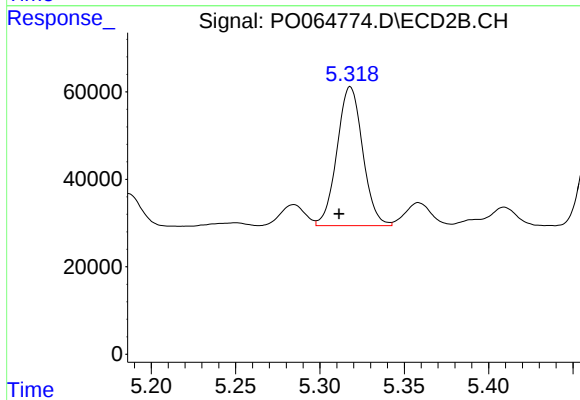
R.T.: 4.970 min
Delta R.T.: 0.007 min
Response: 437844
Conc: 340.20 ng/ml



#25 AR-1248-5

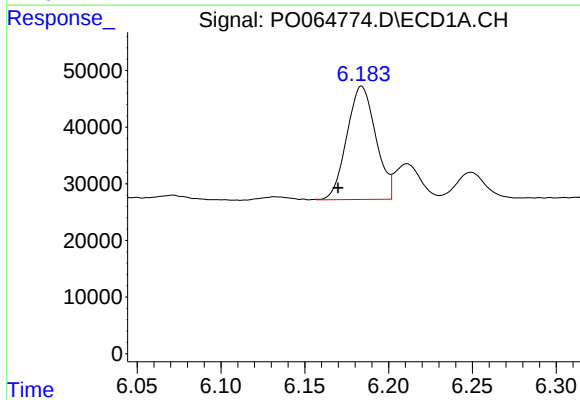
R.T.: 6.249 min
Delta R.T.: 0.015 min
Response: 55140
Conc: 44.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



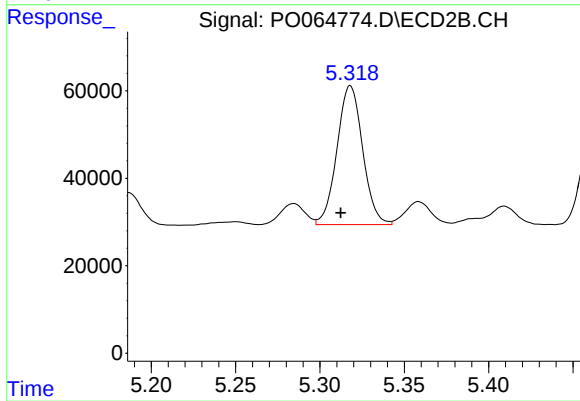
#25 AR-1248-5

R.T.: 5.318 min
Delta R.T.: 0.007 min
Response: 336755
Conc: 177.14 ng/ml



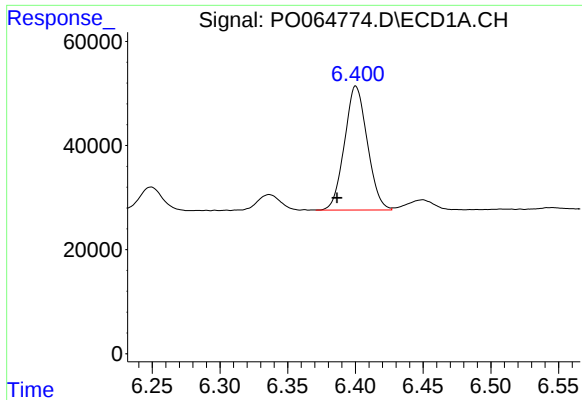
#26 AR-1254-1

R.T.: 6.184 min
Delta R.T.: 0.014 min
Response: 239984
Conc: 188.44 ng/ml



#26 AR-1254-1

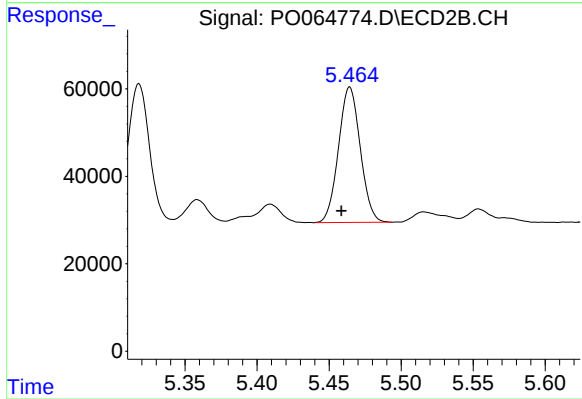
R.T.: 5.318 min
Delta R.T.: 0.006 min
Response: 336755
Conc: 165.83 ng/ml



#27 AR-1254-2

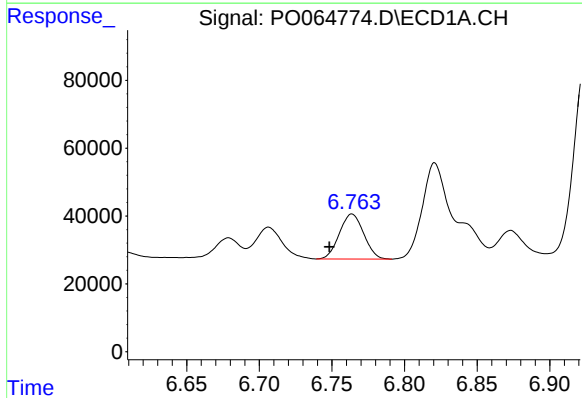
R.T.: 6.400 min
Delta R.T.: 0.014 min
Response: 279530
Conc: 134.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



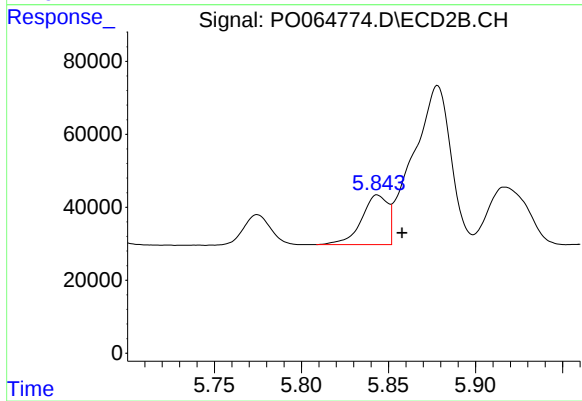
#27 AR-1254-2

R.T.: 5.464 min
Delta R.T.: 0.006 min
Response: 325840
Conc: 178.70 ng/ml



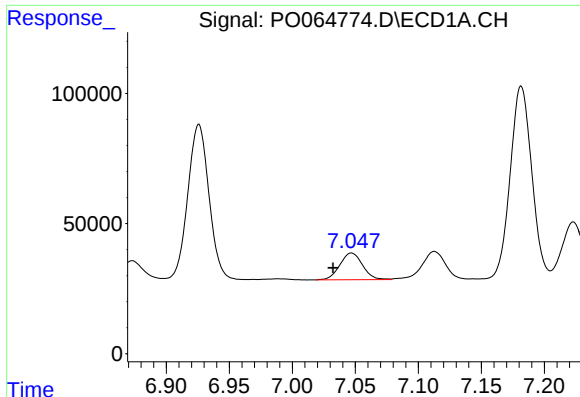
#28 AR-1254-3

R.T.: 6.764 min
Delta R.T.: 0.016 min
Response: 154377
Conc: 64.65 ng/ml



#28 AR-1254-3

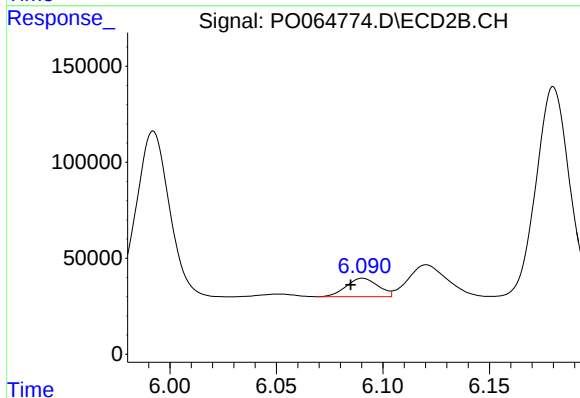
R.T.: 5.844 min
Delta R.T.: -0.014 min
Response: 143952
Conc: 46.34 ng/ml



#29 AR-1254-4

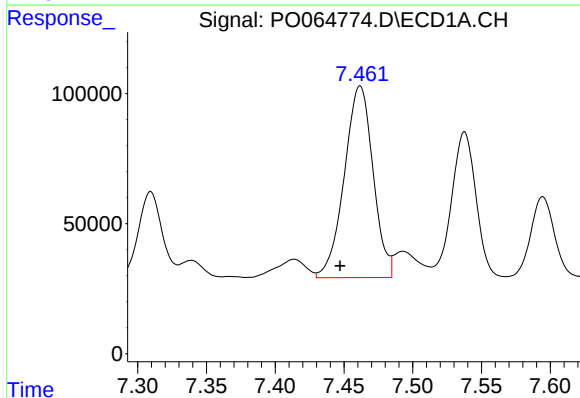
R.T.: 7.047 min
Delta R.T.: 0.015 min
Response: 129876
Conc: 69.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



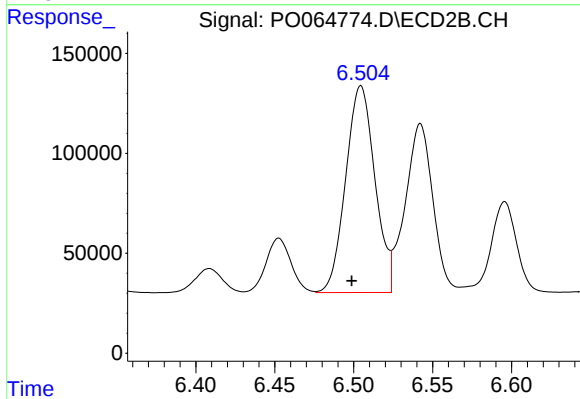
#29 AR-1254-4

R.T.: 6.090 min
Delta R.T.: 0.006 min
Response: 99987
Conc: 48.68 ng/ml



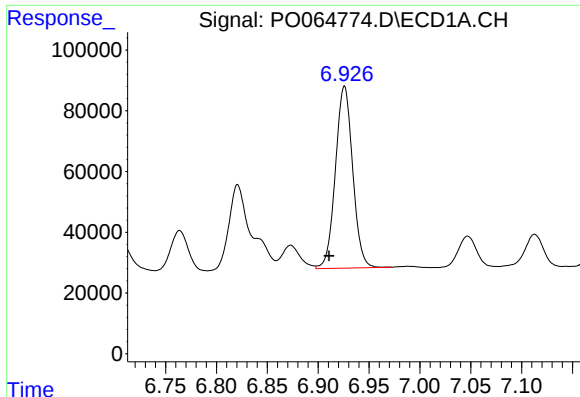
#30 AR-1254-5

R.T.: 7.462 min
Delta R.T.: 0.015 min
Response: 1072903
Conc: 509.93 ng/ml



#30 AR-1254-5

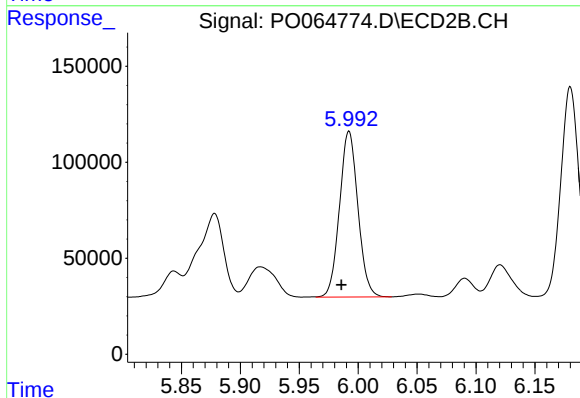
R.T.: 6.505 min
Delta R.T.: 0.006 min
Response: 1332707
Conc: 446.49 ng/ml



#31 AR-1260-1

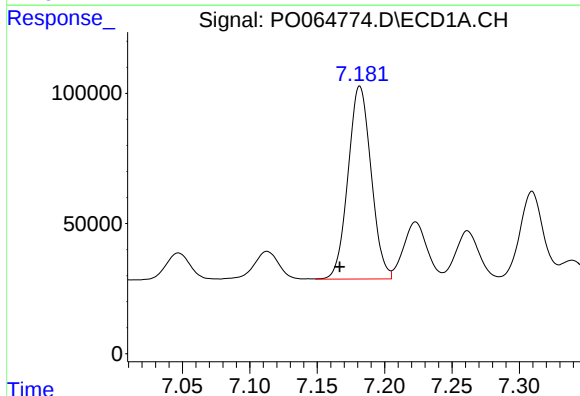
R.T.: 6.926 min
Delta R.T.: 0.015 min
Response: 707425
Conc: 460.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



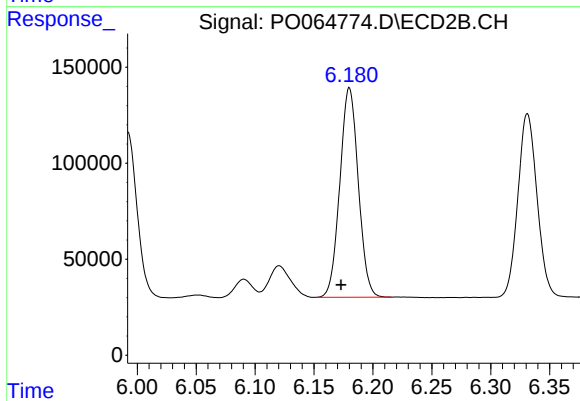
#31 AR-1260-1

R.T.: 5.992 min
Delta R.T.: 0.006 min
Response: 939866
Conc: 509.00 ng/ml



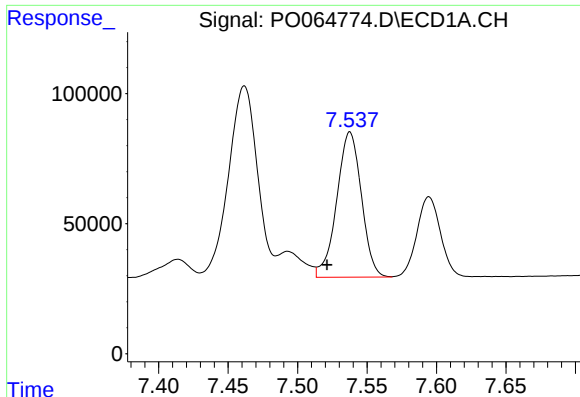
#32 AR-1260-2

R.T.: 7.182 min
Delta R.T.: 0.015 min
Response: 885084
Conc: 448.37 ng/ml



#32 AR-1260-2

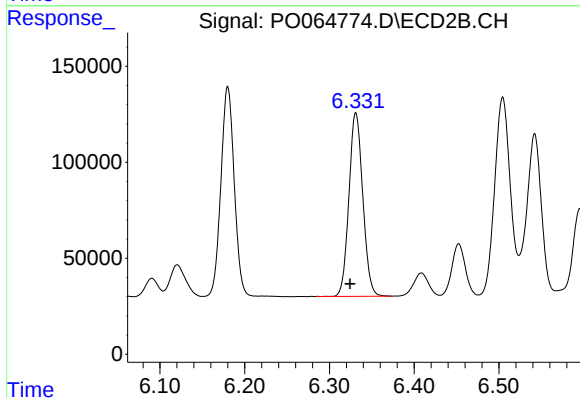
R.T.: 6.180 min
Delta R.T.: 0.007 min
Response: 1190063
Conc: 511.50 ng/ml



#33 AR-1260-3

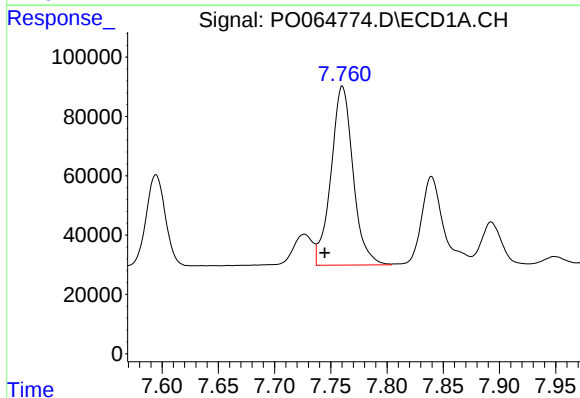
R.T.: 7.538 min
Delta R.T.: 0.016 min
Response: 690329
Conc: 459.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



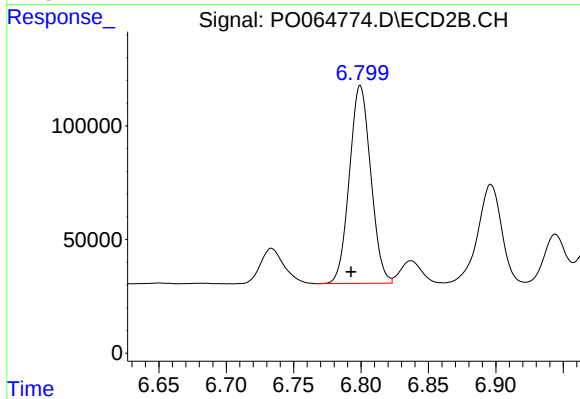
#33 AR-1260-3

R.T.: 6.331 min
Delta R.T.: 0.007 min
Response: 1084381
Conc: 512.15 ng/ml



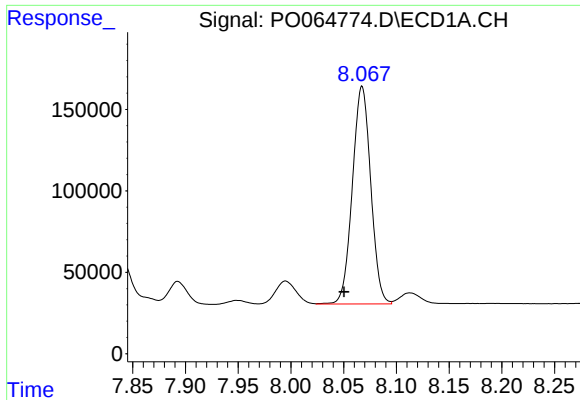
#34 AR-1260-4

R.T.: 7.760 min
Delta R.T.: 0.016 min
Response: 823920
Conc: 446.03 ng/ml



#34 AR-1260-4

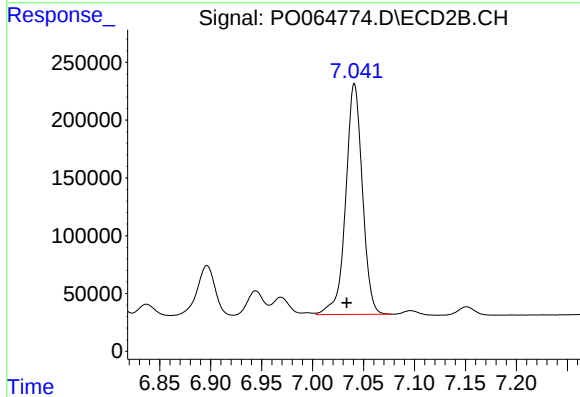
R.T.: 6.800 min
Delta R.T.: 0.007 min
Response: 962105
Conc: 510.70 ng/ml



#35 AR-1260-5

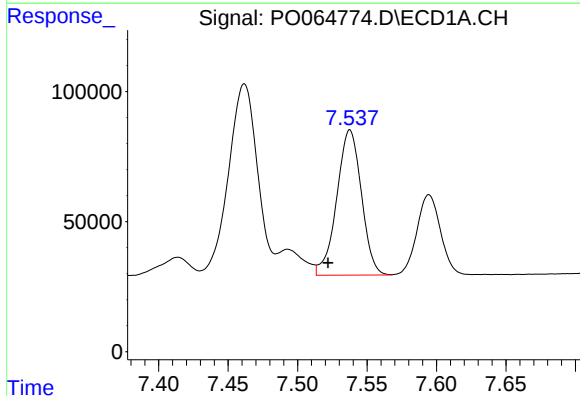
R.T.: 8.067 min
Delta R.T.: 0.017 min
Response: 1617364
Conc: 433.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



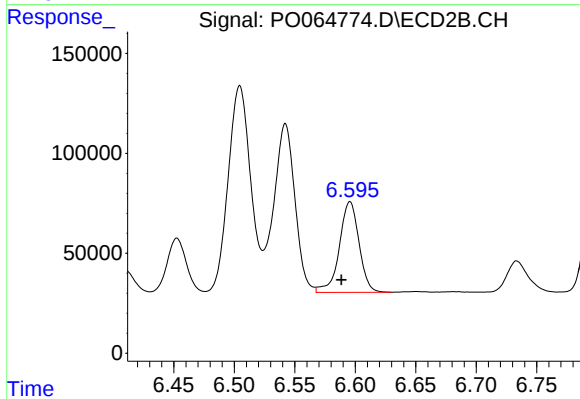
#35 AR-1260-5

R.T.: 7.041 min
Delta R.T.: 0.008 min
Response: 2277008
Conc: 485.50 ng/ml



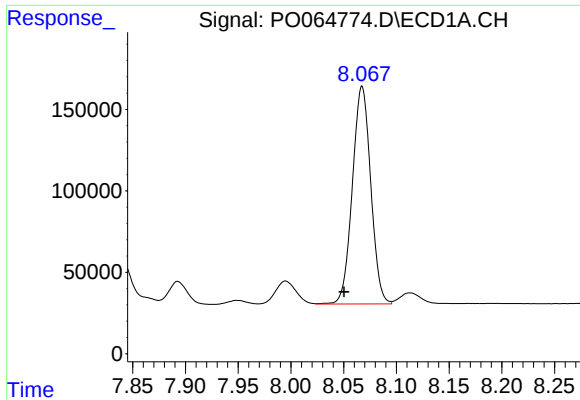
#36 AR-1262-1

R.T.: 7.538 min
Delta R.T.: 0.016 min
Response: 690329
Conc: 300.22 ng/ml



#36 AR-1262-1

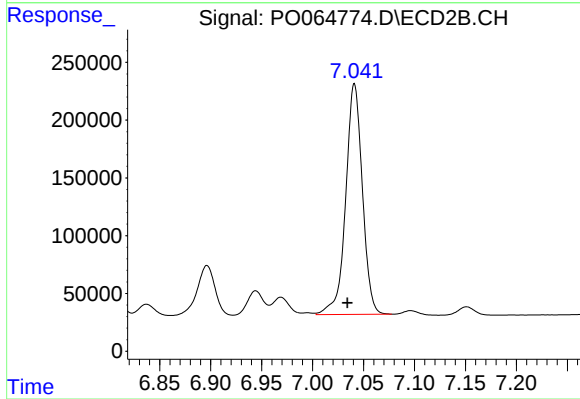
R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 513909
Conc: 447.95 ng/ml



#37 AR-1262-2

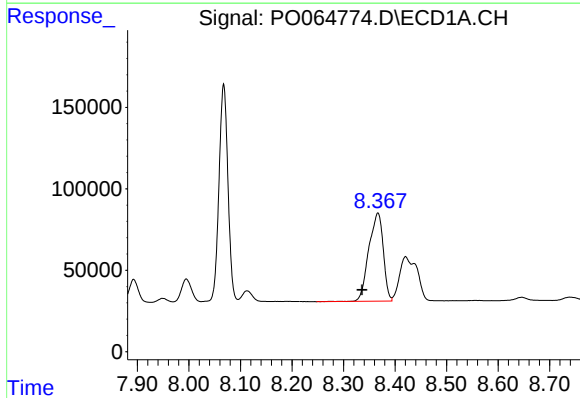
R.T.: 8.067 min
Delta R.T.: 0.017 min
Response: 1617364
Conc: 372.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



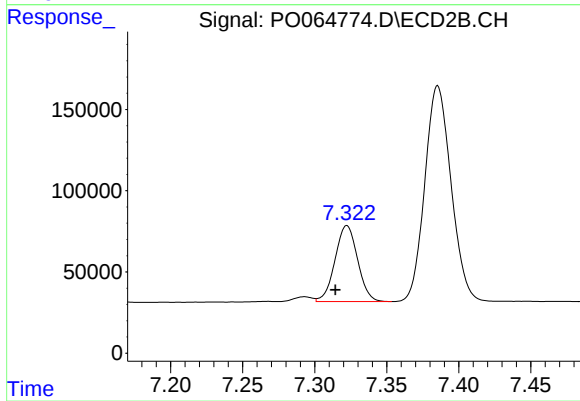
#37 AR-1262-2

R.T.: 7.041 min
Delta R.T.: 0.007 min
Response: 2277008
Conc: 416.70 ng/ml



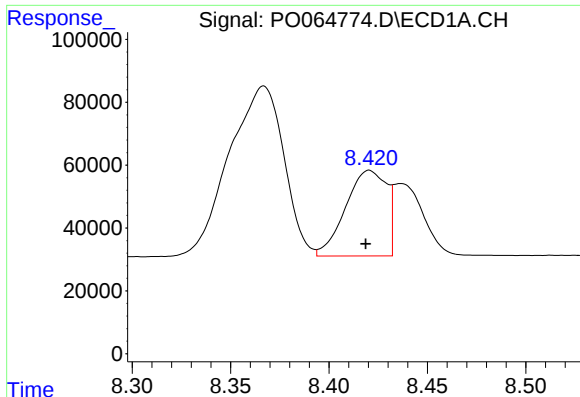
#38 AR-1262-3

R.T.: 8.367 min
Delta R.T.: 0.031 min
Response: 1051309
Conc: 361.28 ng/ml



#38 AR-1262-3

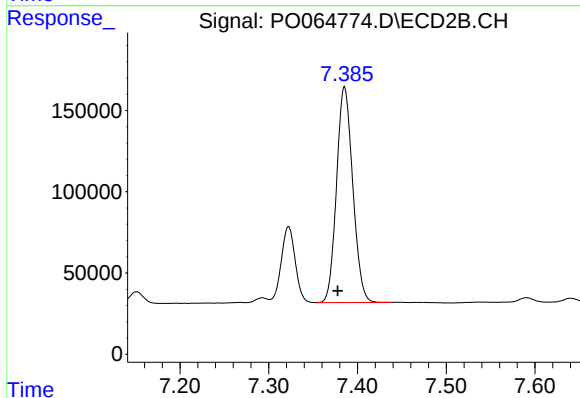
R.T.: 7.322 min
Delta R.T.: 0.008 min
Response: 511841
Conc: 245.75 ng/ml



#39 AR-1262-4

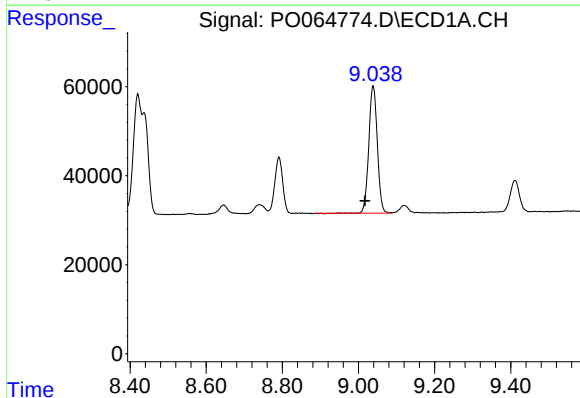
R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 395760
Conc: 182.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



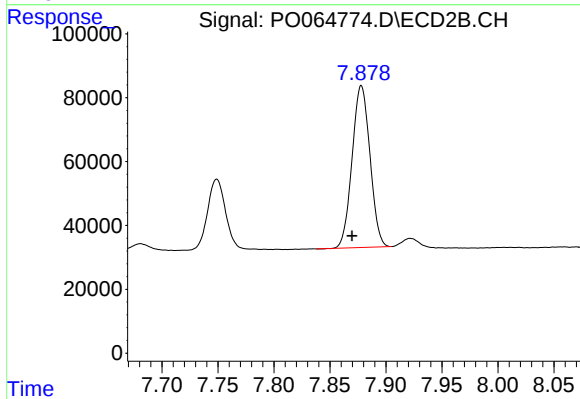
#39 AR-1262-4

R.T.: 7.385 min
Delta R.T.: 0.007 min
Response: 1685951
Conc: 423.49 ng/ml



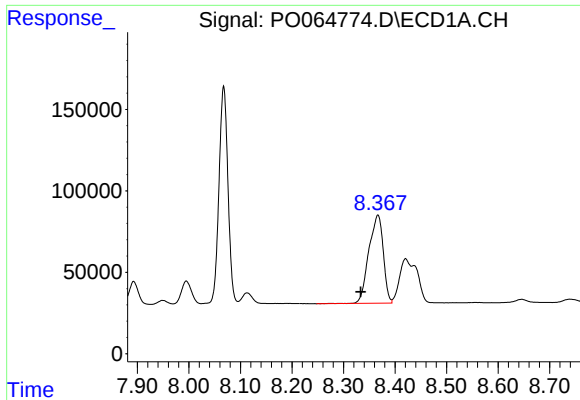
#40 AR-1262-5

R.T.: 9.039 min
Delta R.T.: 0.022 min
Response: 446731
Conc: 304.55 ng/ml



#40 AR-1262-5

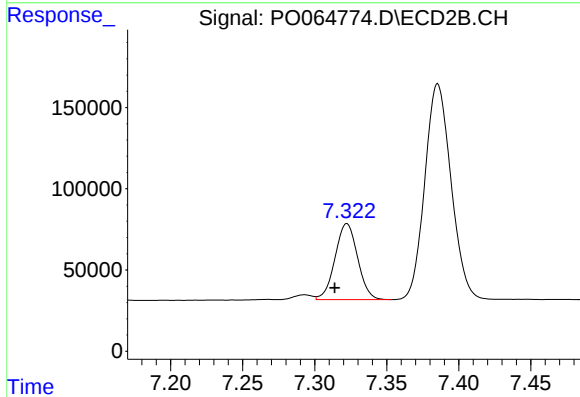
R.T.: 7.878 min
Delta R.T.: 0.008 min
Response: 562547
Conc: 322.64 ng/ml



#41 AR-1268-1

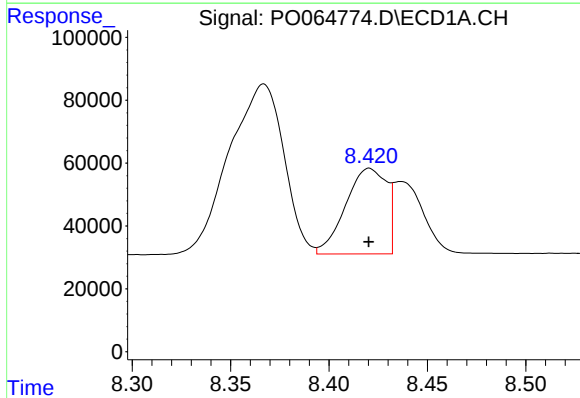
R.T.: 8.367 min
Delta R.T.: 0.033 min
Response: 1051309
Conc: 203.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



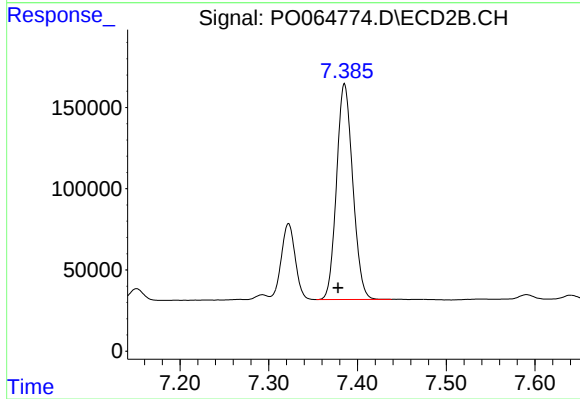
#41 AR-1268-1

R.T.: 7.322 min
Delta R.T.: 0.008 min
Response: 511841
Conc: 80.04 ng/ml



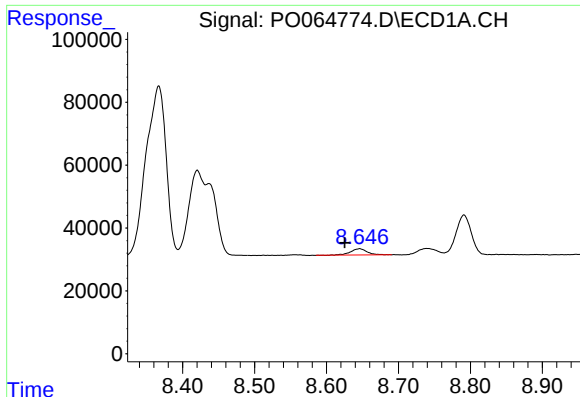
#42 AR-1268-2

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 395760
Conc: 84.16 ng/ml



#42 AR-1268-2

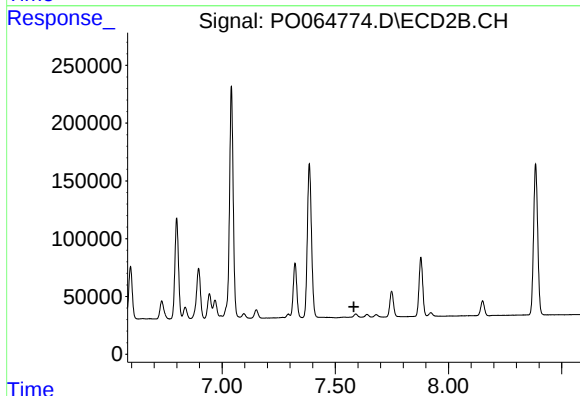
R.T.: 7.385 min
Delta R.T.: 0.007 min
Response: 1685951
Conc: 289.26 ng/ml



#43 AR-1268-3

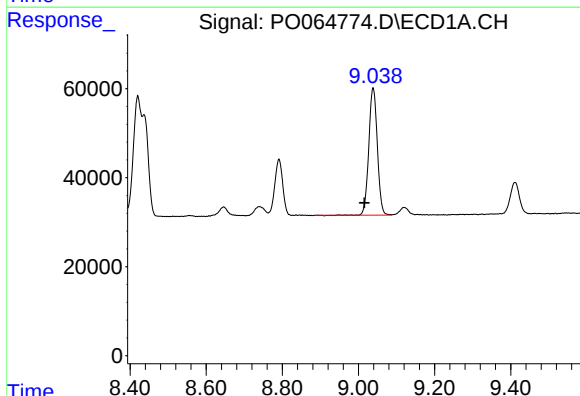
R.T.: 8.646 min
Delta R.T.: 0.021 min
Response: 32278
Conc: 8.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



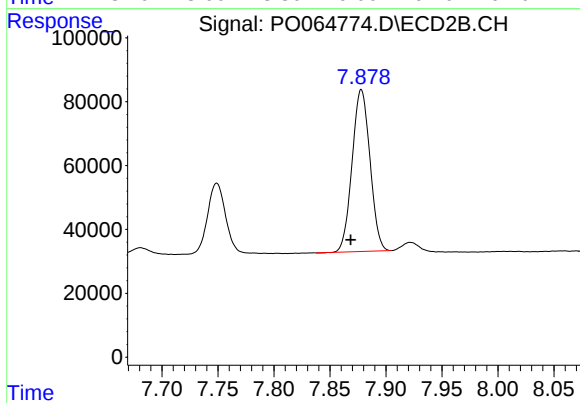
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.582 min
Response: 0
Conc: N.D.



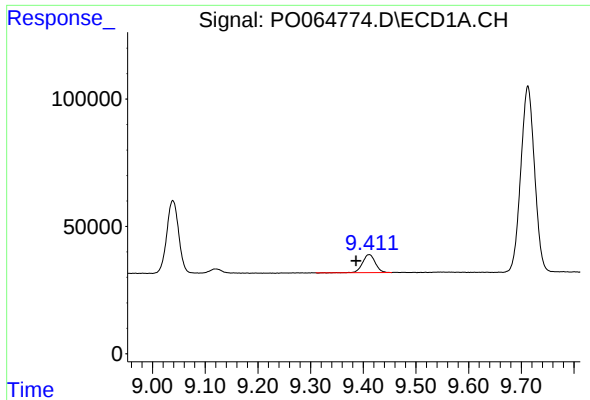
#44 AR-1268-4

R.T.: 9.039 min
Delta R.T.: 0.023 min
Response: 446731
Conc: 265.72 ng/ml



#44 AR-1268-4

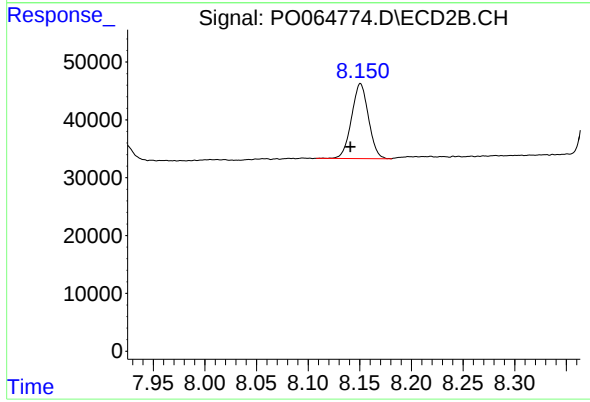
R.T.: 7.878 min
Delta R.T.: 0.010 min
Response: 562547
Conc: 279.47 ng/ml



#45 AR-1268-5

R.T.: 9.411 min
Delta R.T.: 0.025 min
Response: 120783
Conc: 10.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.151 min
Delta R.T.: 0.010 min
Response: 147990
Conc: 10.23 ng/ml