

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122019\
 Data File : PO064813.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Dec 2019 9:54
 Operator : SM/AJ
 Sample : K6359-01DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 10:11:10 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...	4.186	3.459	264524	312025	10.866	12.309
2)	SA Decachlor...	9.706	8.376	349800	452675	11.398	13.035
Target Compounds							
3)	L1 AR-1016-1	5.339	4.522	32940	46716	33.011	43.196 #
4)	L1 AR-1016-2	5.339	4.541	32940	54030	22.681	35.927 #
5)	L1 AR-1016-3	5.421	4.713	31754	39199	35.888	50.425 #
6)	L1 AR-1016-4	5.519	4.756	24142	36296	33.330	55.204 #
7)	L1 AR-1016-5	5.809	4.965	29826	41126	40.926	47.132
10)	L2 AR-1221-3	0.000	3.869	0	72016	N.D.	101.928 #
11)	L3 AR-1232-1	0.000	3.869	0	72016	N.D.	64.414 #
12)	L3 AR-1232-2	5.074	4.541	23942	54030	46.862	44.902
13)	L3 AR-1232-3	5.361	4.713	47845	39199	42.794	62.980 #
14)	L3 AR-1232-4	5.519	4.756	24142	36296	43.427	63.711 #
15)	L3 AR-1232-5	5.608	4.965	27401	41126	66.027	64.797
16)	L4 AR-1242-1	5.339	4.522	32940	46716	42.033	53.763 #
17)	L4 AR-1242-2	5.339	4.541	32940	54030	29.192	45.271 #
18)	L4 AR-1242-3	5.421	4.713	31754	39199	45.604	61.815 #
19)	L4 AR-1242-4	5.519	4.756	24142	36296	42.821	55.763 #
20)	L4 AR-1242-5	6.247	5.313	48416	253045	69.471	284.656 #
21)	L5 AR-1248-1	5.339	4.522	32940	46716	51.039	65.262 #
22)	L5 AR-1248-2	5.608	4.756	27401	36296	29.652	36.965
23)	L5 AR-1248-3	5.809	4.756	29826	36296	28.074	35.671 #
24)	L5 AR-1248-4	6.209	4.965	48271	41126	37.015	31.955
25)	L5 AR-1248-5	6.247	5.313	48416	253045	38.909	133.109 #
26)	L6 AR-1254-1	6.182	5.313	174944	253045	137.368	124.608
27)	L6 AR-1254-2	6.398	5.459	262574	257796	126.234	141.383
28)	L6 AR-1254-3	6.761	5.872	197702	741597	82.797	238.730 #
29)	L6 AR-1254-4	7.044	6.085	174972	140100	93.571	68.207 #
30)	L6 AR-1254-5	7.459	6.498	1564632	2008591	743.638	672.921
31)	L7 AR-1260-1	6.922	5.987	819346	1127249	533.321	610.478
32)	L7 AR-1260-2	7.179	6.174	1114113	1564387	564.394	672.390
33)	L7 AR-1260-3	7.533	6.325	1001607	1472364	666.578	695.391
34)	L7 AR-1260-4	7.756	6.793	1310244	1568237	709.304	832.442
35)	L7 AR-1260-5	8.063	7.034	2885318	4288615	773.190	914.412
36)	L8 AR-1262-1	7.533	6.589	1001607	738888	435.587	644.051 #
37)	L8 AR-1262-2	8.063	7.034	2885318	4288615	664.723	784.840
38)	L8 AR-1262-3	8.364	7.315	1973167	858155	678.067	412.018 #
39)	L8 AR-1262-4	8.415	7.378	1124007	3278274	519.333	823.465 #
40)	L8 AR-1262-5	9.033	7.870	805791	1001113	549.337	574.171
41)	L9 AR-1268-1	8.364	7.315	1973167	858155	381.799	134.202 #
42)	L9 AR-1268-2	8.415	7.378	1124007	3278274	239.027	562.460 #
43)	L9 AR-1268-3	8.640	7.583	88577	38355	22.978	8.030 #

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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

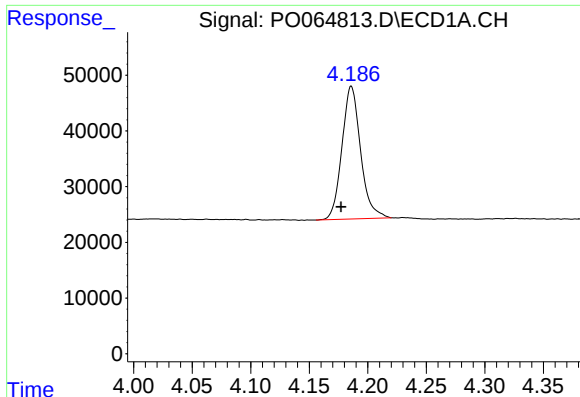
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 10:11:10 2019
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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
44) L9	AR-1268-4	9.033	7.870	805791	1001113	479.294	497.350
45) L9	AR-1268-5	9.406	8.142	169666	222795	14.298	15.401

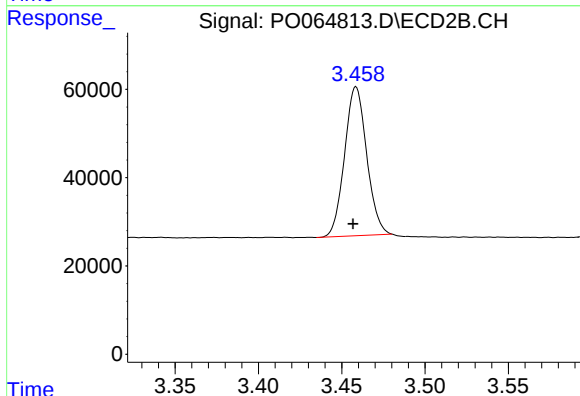
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

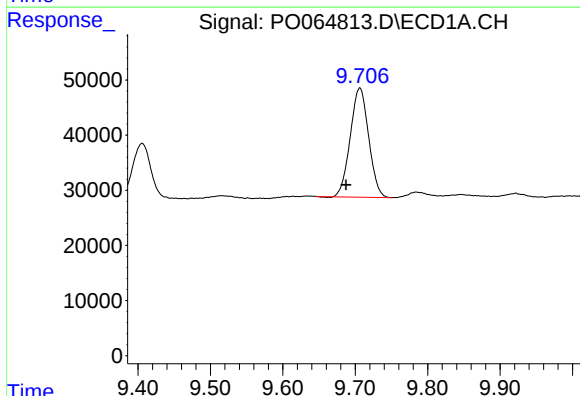
R.T.: 4.186 min
Delta R.T.: 0.009 min
Response: 264524
Conc: 10.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



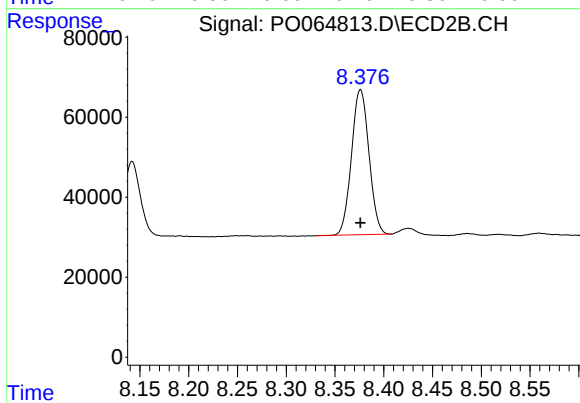
#1 Tetrachloro-m-xylene

R.T.: 3.459 min
Delta R.T.: 0.002 min
Response: 312025
Conc: 12.31 ng/ml



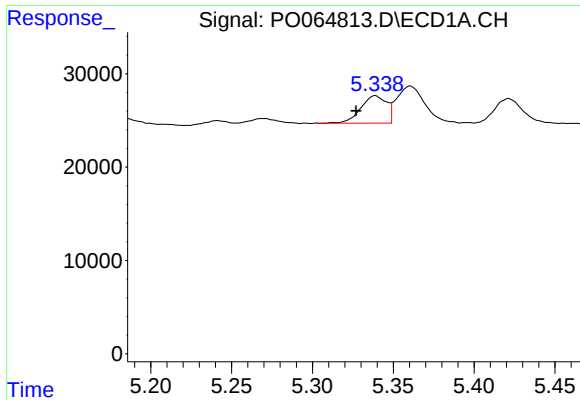
#2 Decachlorobiphenyl

R.T.: 9.706 min
Delta R.T.: 0.019 min
Response: 349800
Conc: 11.40 ng/ml



#2 Decachlorobiphenyl

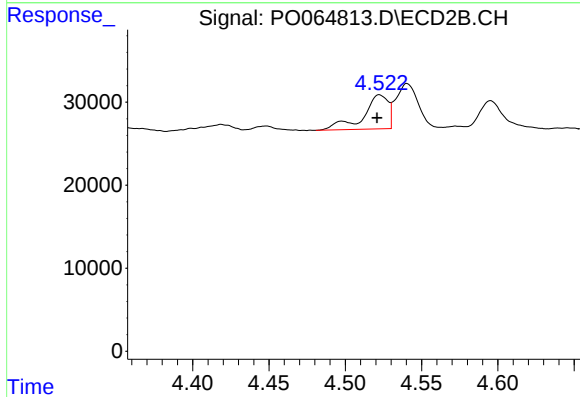
R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 452675
Conc: 13.03 ng/ml



#3 AR-1016-1

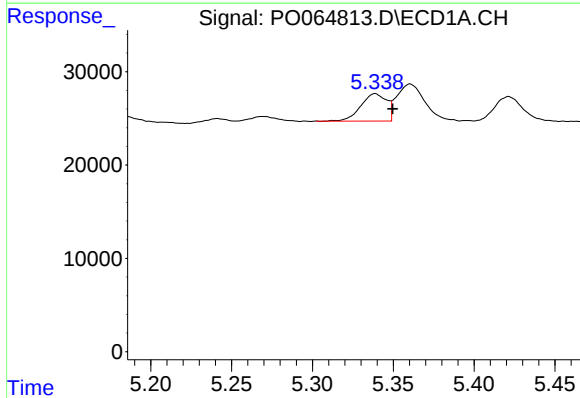
R.T.: 5.339 min
Delta R.T.: 0.012 min
Response: 32940
Conc: 33.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



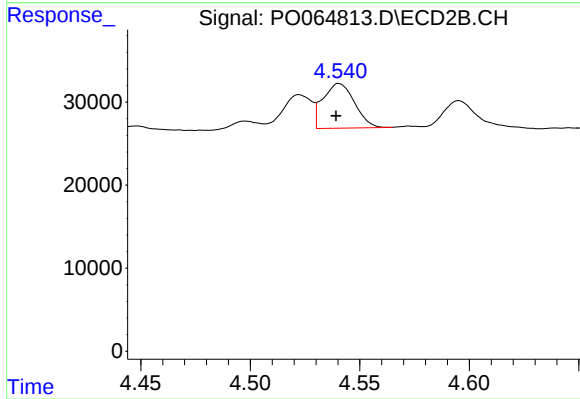
#3 AR-1016-1

R.T.: 4.522 min
Delta R.T.: 0.002 min
Response: 46716
Conc: 43.20 ng/ml



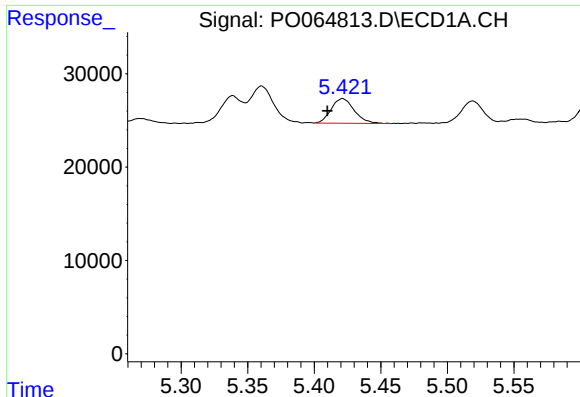
#4 AR-1016-2

R.T.: 5.339 min
Delta R.T.: -0.011 min
Response: 32940
Conc: 22.68 ng/ml



#4 AR-1016-2

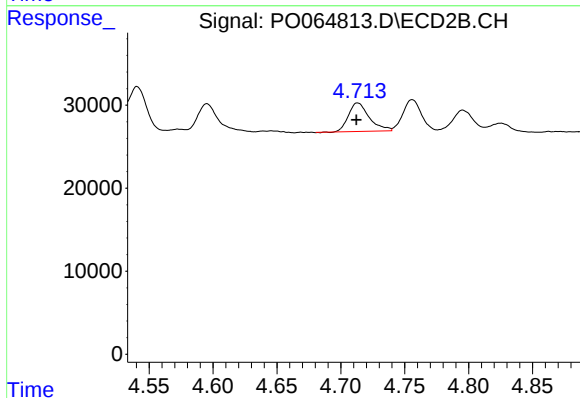
R.T.: 4.541 min
Delta R.T.: 0.001 min
Response: 54030
Conc: 35.93 ng/ml



#5 AR-1016-3

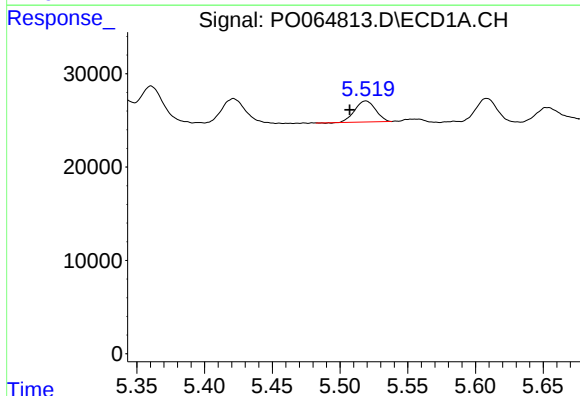
R.T.: 5.421 min
Delta R.T.: 0.011 min
Response: 31754
Conc: 35.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



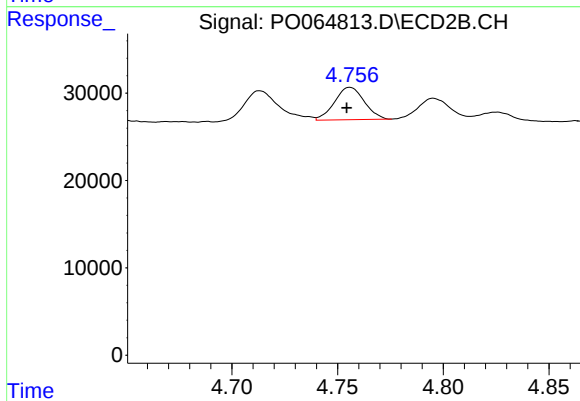
#5 AR-1016-3

R.T.: 4.713 min
Delta R.T.: 0.001 min
Response: 39199
Conc: 50.43 ng/ml



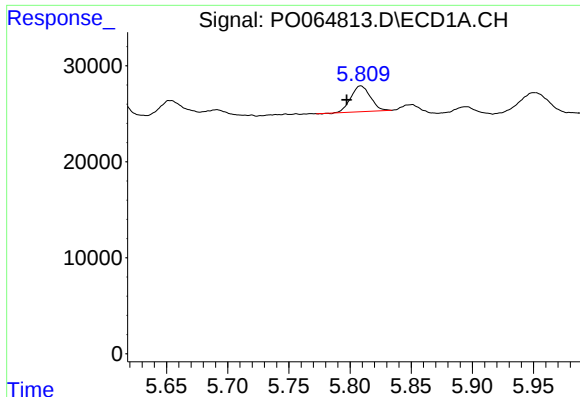
#6 AR-1016-4

R.T.: 5.519 min
Delta R.T.: 0.012 min
Response: 24142
Conc: 33.33 ng/ml



#6 AR-1016-4

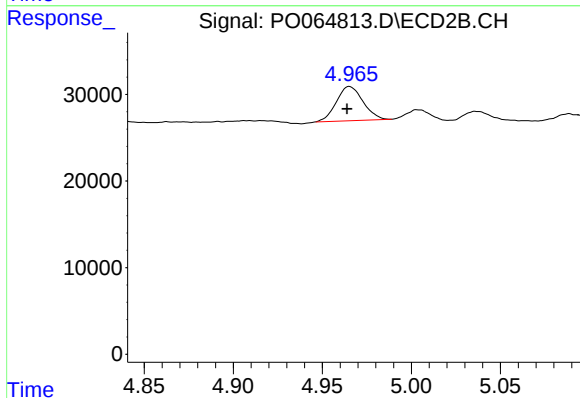
R.T.: 4.756 min
Delta R.T.: 0.002 min
Response: 36296
Conc: 55.20 ng/ml



#7 AR-1016-5

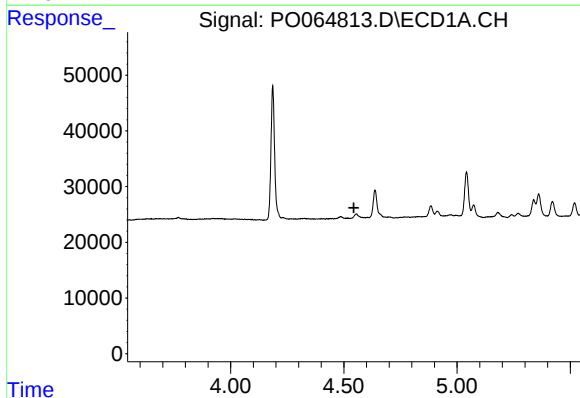
R.T.: 5.809 min
Delta R.T.: 0.012 min
Response: 29826
Conc: 40.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



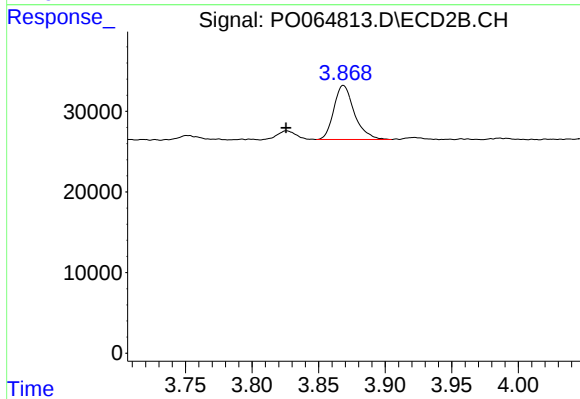
#7 AR-1016-5

R.T.: 4.965 min
Delta R.T.: 0.001 min
Response: 41126
Conc: 47.13 ng/ml



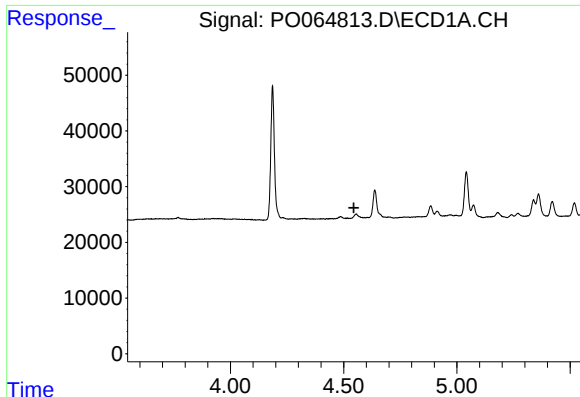
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#10 AR-1221-3

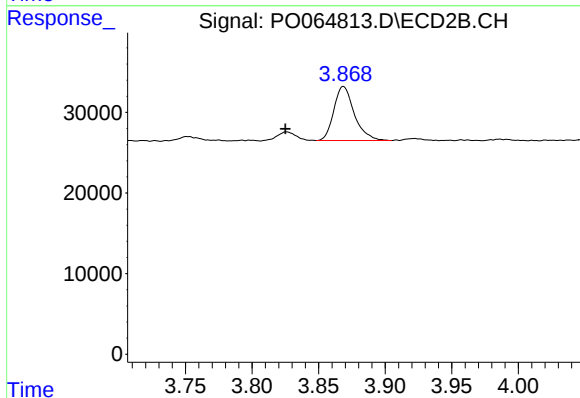
R.T.: 3.869 min
Delta R.T.: 0.043 min
Response: 72016
Conc: 101.93 ng/ml



#11 AR-1232-1

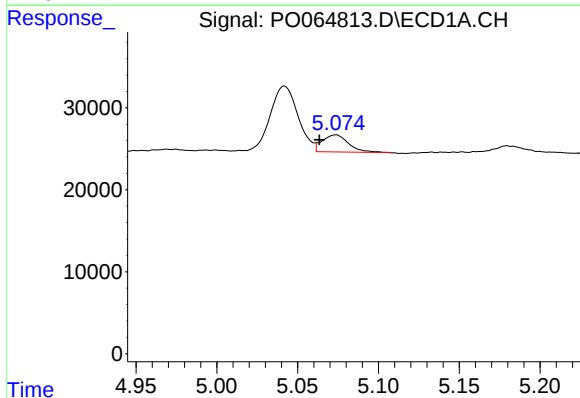
R.T.: 0.000 min
Exp R.T.: 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



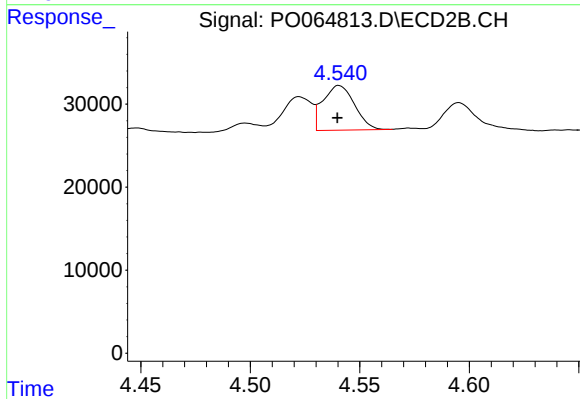
#11 AR-1232-1

R.T.: 3.869 min
Delta R.T.: 0.044 min
Response: 72016
Conc: 64.41 ng/ml



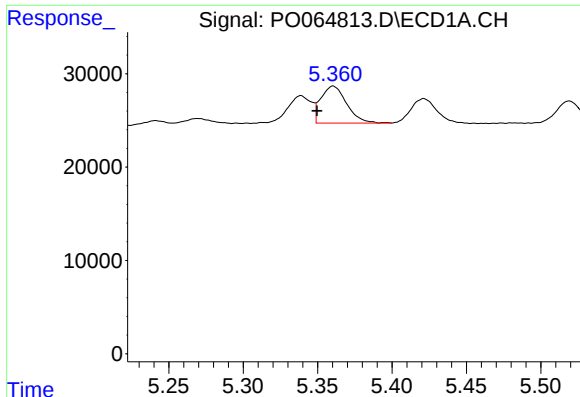
#12 AR-1232-2

R.T.: 5.074 min
Delta R.T.: 0.010 min
Response: 23942
Conc: 46.86 ng/ml



#12 AR-1232-2

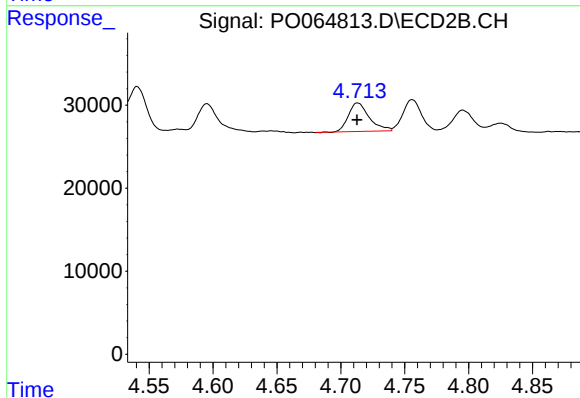
R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 54030
Conc: 44.90 ng/ml



#13 AR-1232-3

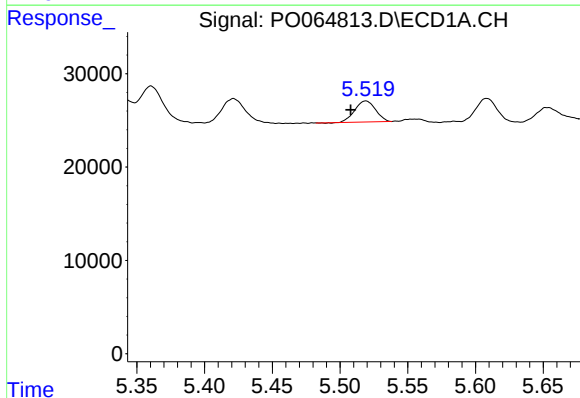
R.T.: 5.361 min
Delta R.T.: 0.011 min
Response: 47845
Conc: 42.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



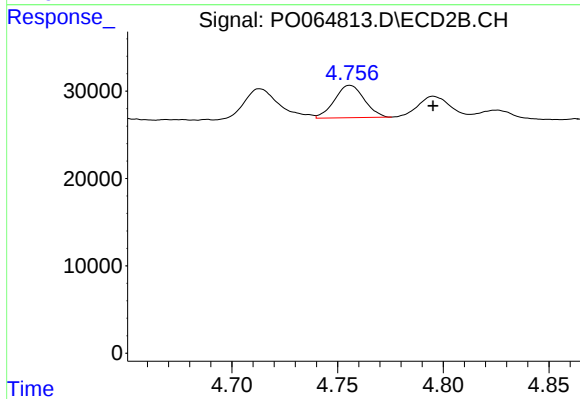
#13 AR-1232-3

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 39199
Conc: 62.98 ng/ml



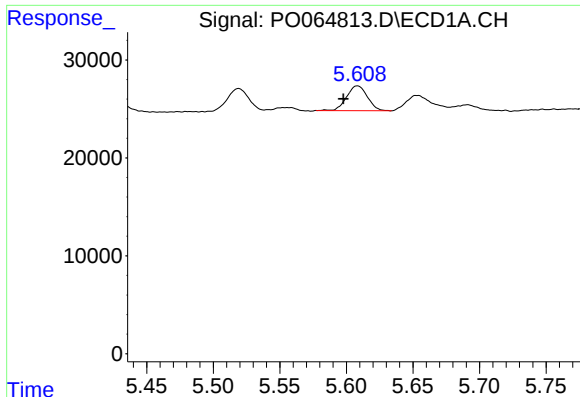
#14 AR-1232-4

R.T.: 5.519 min
Delta R.T.: 0.011 min
Response: 24142
Conc: 43.43 ng/ml



#14 AR-1232-4

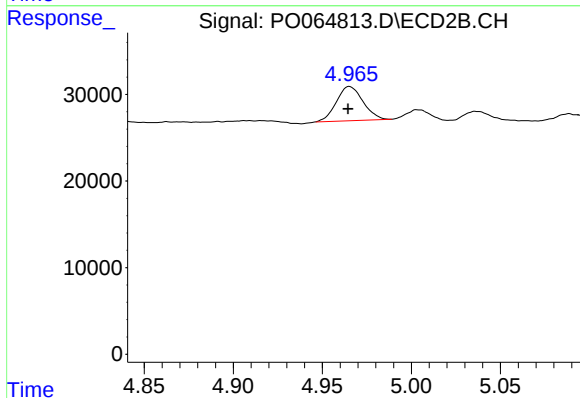
R.T.: 4.756 min
Delta R.T.: -0.039 min
Response: 36296
Conc: 63.71 ng/ml



#15 AR-1232-5

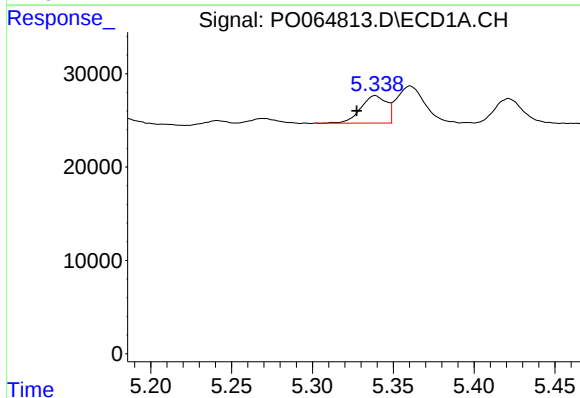
R.T.: 5.608 min
Delta R.T.: 0.011 min
Response: 27401
Conc: 66.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



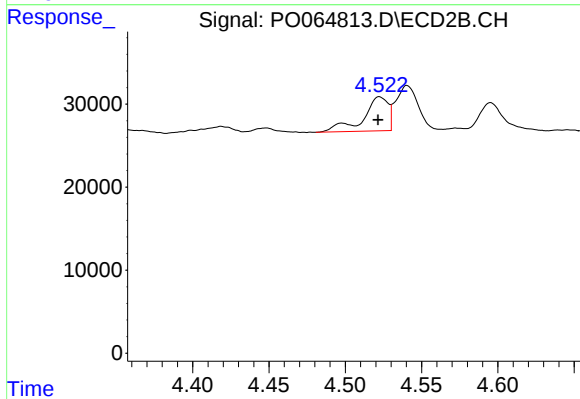
#15 AR-1232-5

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 41126
Conc: 64.80 ng/ml



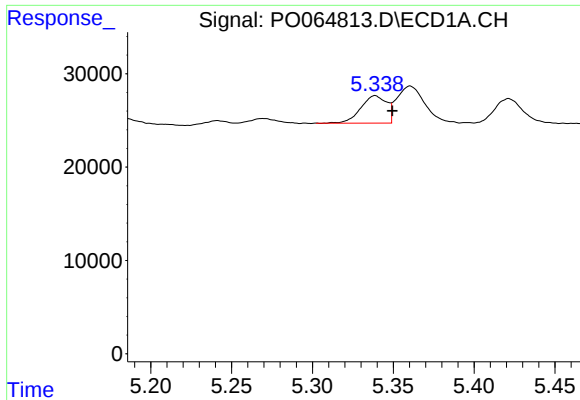
#16 AR-1242-1

R.T.: 5.339 min
Delta R.T.: 0.011 min
Response: 32940
Conc: 42.03 ng/ml



#16 AR-1242-1

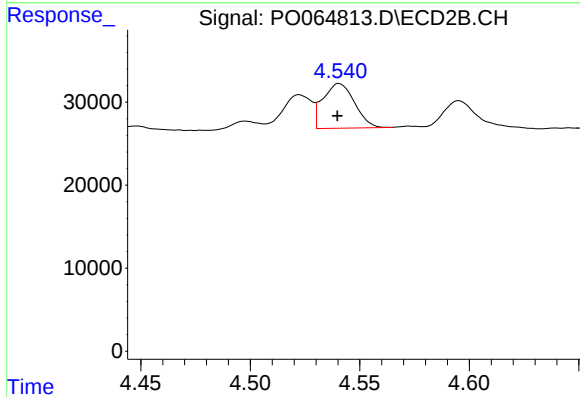
R.T.: 4.522 min
Delta R.T.: 0.001 min
Response: 46716
Conc: 53.76 ng/ml



#17 AR-1242-2

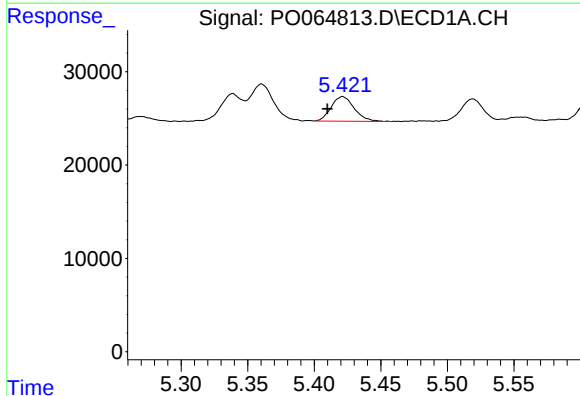
R.T.: 5.339 min
Delta R.T.: -0.011 min
Response: 32940
Conc: 29.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



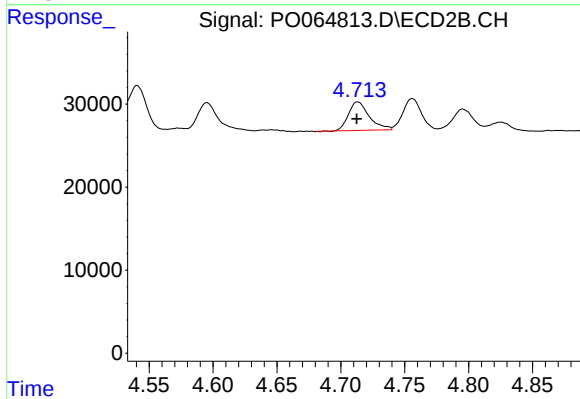
#17 AR-1242-2

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 54030
Conc: 45.27 ng/ml



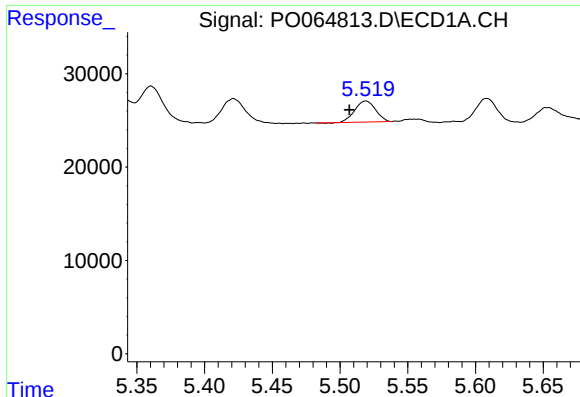
#18 AR-1242-3

R.T.: 5.421 min
Delta R.T.: 0.011 min
Response: 31754
Conc: 45.60 ng/ml



#18 AR-1242-3

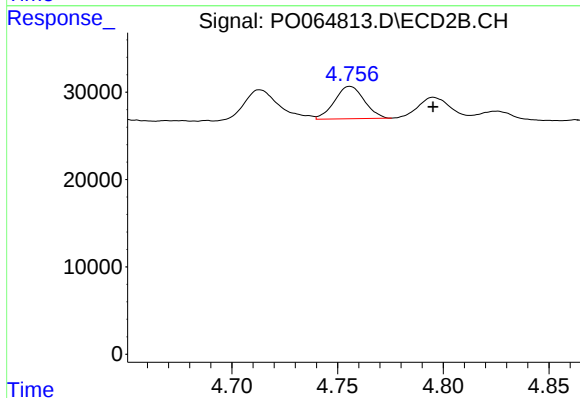
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 39199
Conc: 61.81 ng/ml



#19 AR-1242-4

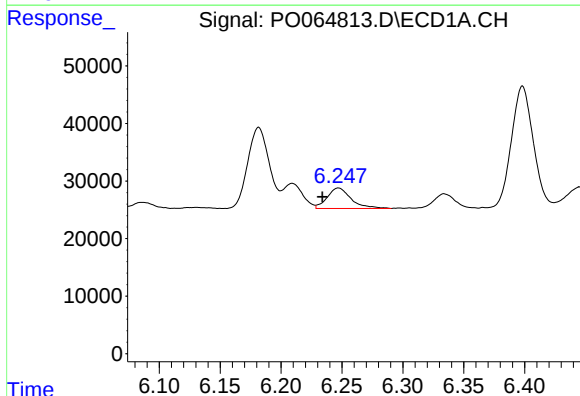
R.T.: 5.519 min
Delta R.T.: 0.012 min
Response: 24142
Conc: 42.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



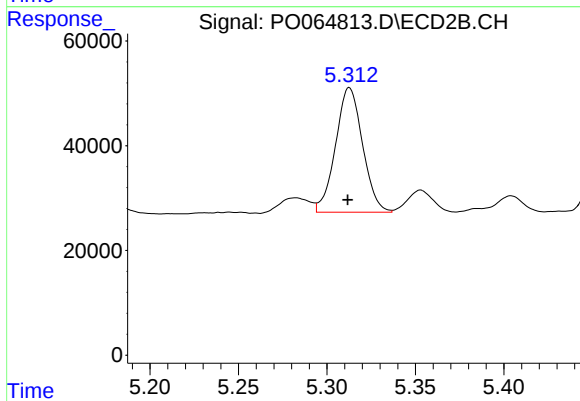
#19 AR-1242-4

R.T.: 4.756 min
Delta R.T.: -0.039 min
Response: 36296
Conc: 55.76 ng/ml



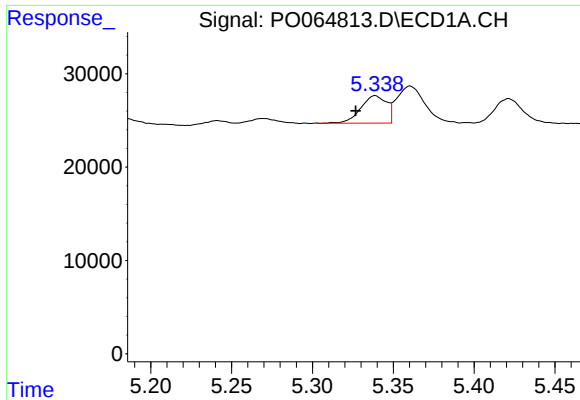
#20 AR-1242-5

R.T.: 6.247 min
Delta R.T.: 0.013 min
Response: 48416
Conc: 69.47 ng/ml



#20 AR-1242-5

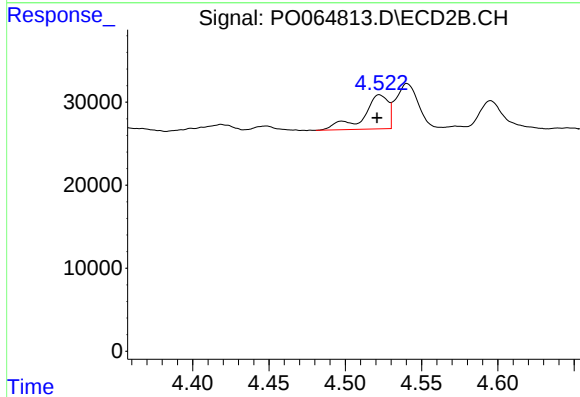
R.T.: 5.313 min
Delta R.T.: 0.001 min
Response: 253045
Conc: 284.66 ng/ml



#21 AR-1248-1

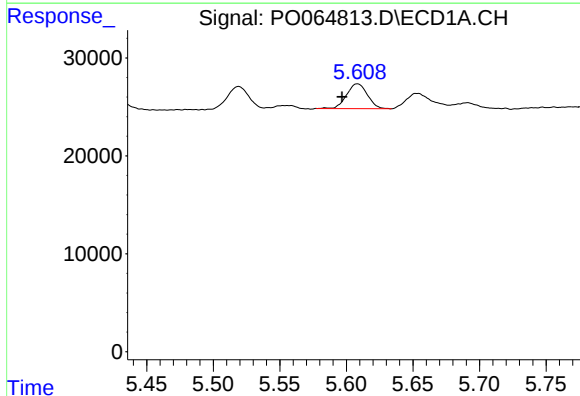
R.T.: 5.339 min
Delta R.T.: 0.012 min
Response: 32940
Conc: 51.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



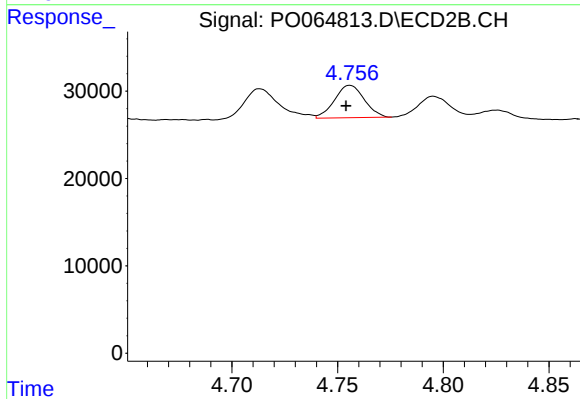
#21 AR-1248-1

R.T.: 4.522 min
Delta R.T.: 0.002 min
Response: 46716
Conc: 65.26 ng/ml



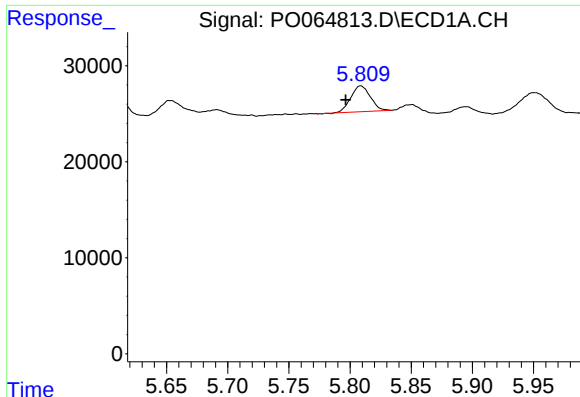
#22 AR-1248-2

R.T.: 5.608 min
Delta R.T.: 0.012 min
Response: 27401
Conc: 29.65 ng/ml



#22 AR-1248-2

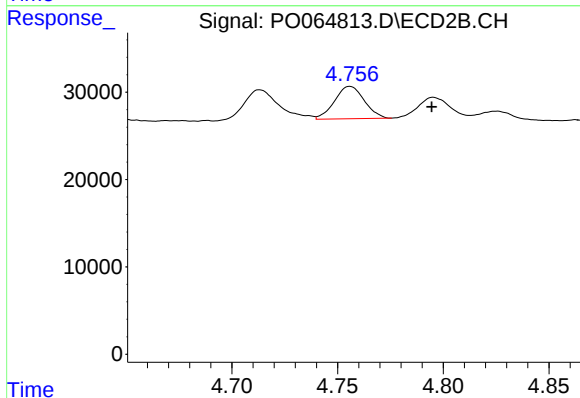
R.T.: 4.756 min
Delta R.T.: 0.002 min
Response: 36296
Conc: 36.97 ng/ml



#23 AR-1248-3

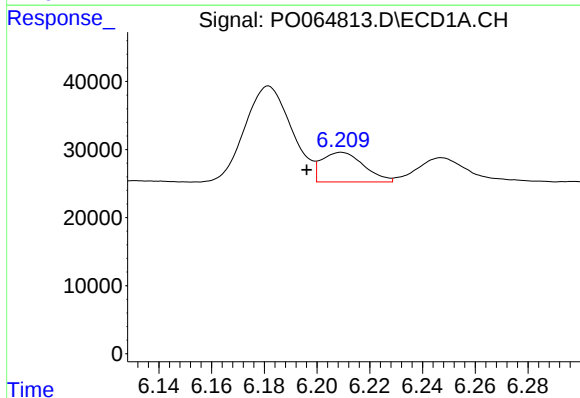
R.T.: 5.809 min
Delta R.T.: 0.012 min
Response: 29826
Conc: 28.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



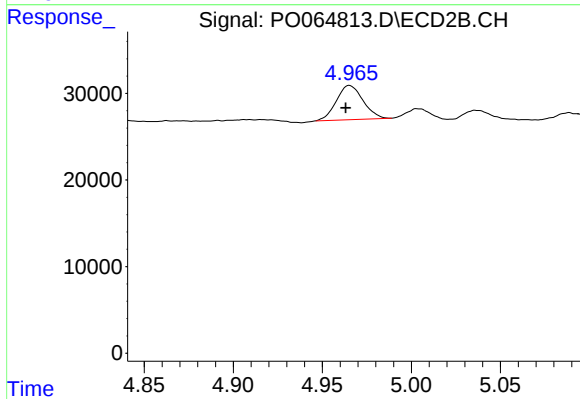
#23 AR-1248-3

R.T.: 4.756 min
Delta R.T.: -0.039 min
Response: 36296
Conc: 35.67 ng/ml



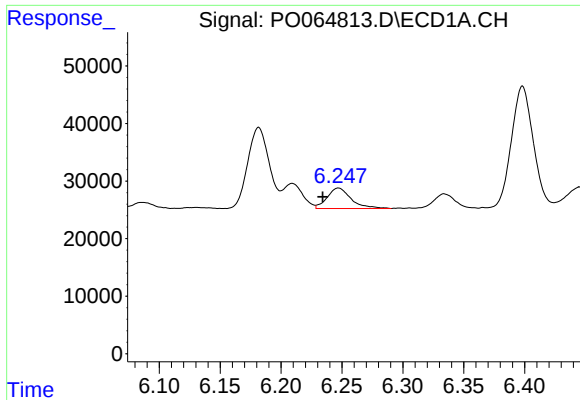
#24 AR-1248-4

R.T.: 6.209 min
Delta R.T.: 0.013 min
Response: 48271
Conc: 37.01 ng/ml



#24 AR-1248-4

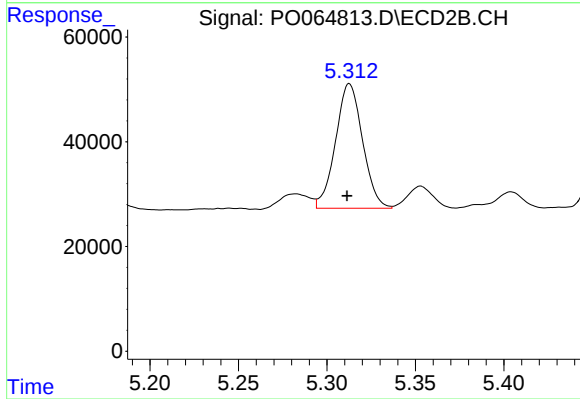
R.T.: 4.965 min
Delta R.T.: 0.002 min
Response: 41126
Conc: 31.95 ng/ml



#25 AR-1248-5

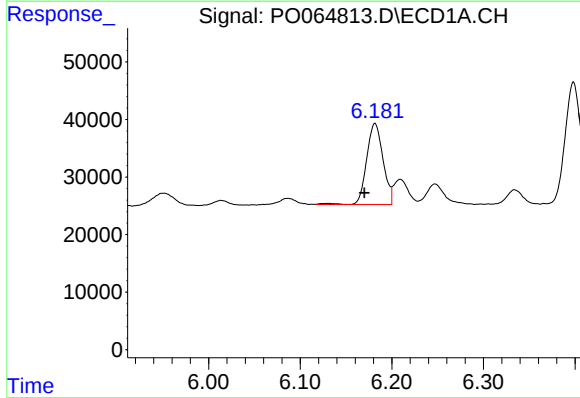
R.T.: 6.247 min
Delta R.T.: 0.013 min
Response: 48416
Conc: 38.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



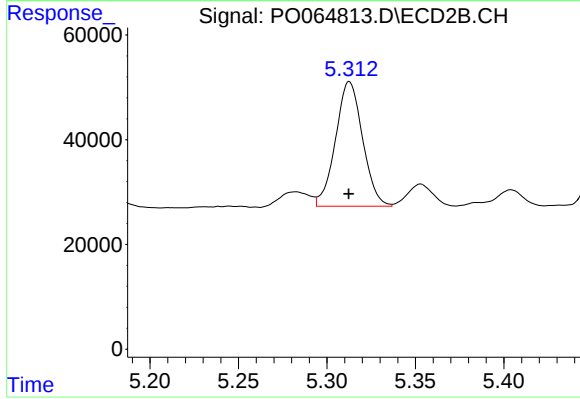
#25 AR-1248-5

R.T.: 5.313 min
Delta R.T.: 0.001 min
Response: 253045
Conc: 133.11 ng/ml



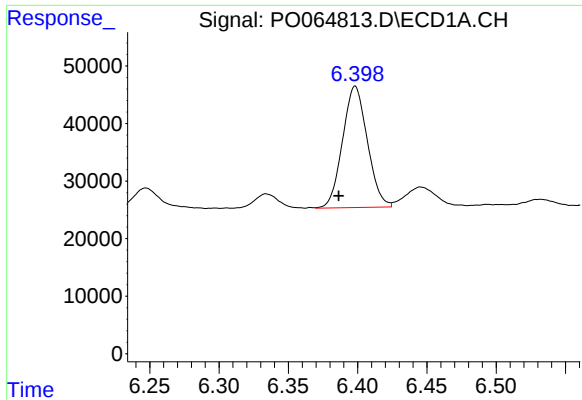
#26 AR-1254-1

R.T.: 6.182 min
Delta R.T.: 0.012 min
Response: 174944
Conc: 137.37 ng/ml



#26 AR-1254-1

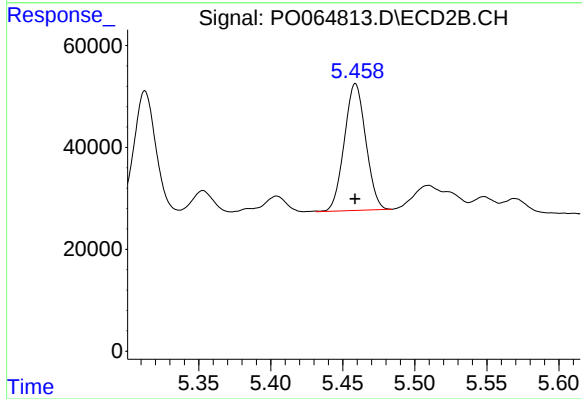
R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 253045
Conc: 124.61 ng/ml



#27 AR-1254-2

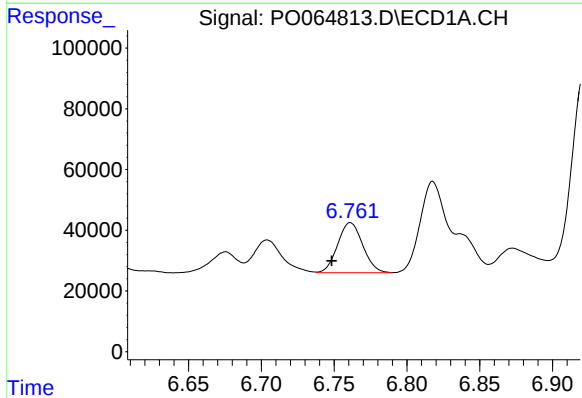
R.T.: 6.398 min
Delta R.T.: 0.012 min
Response: 262574
Conc: 126.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



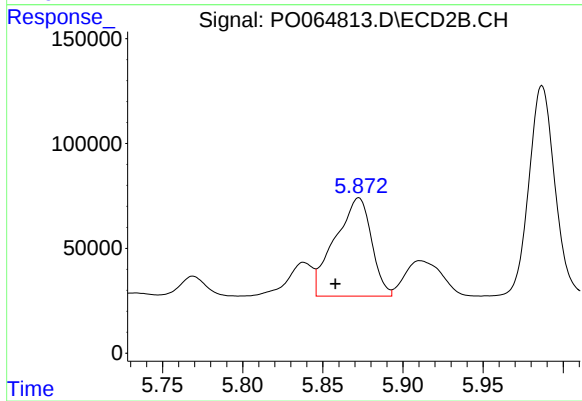
#27 AR-1254-2

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 257796
Conc: 141.38 ng/ml



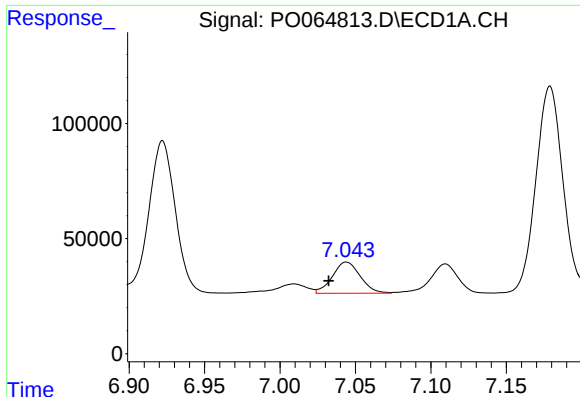
#28 AR-1254-3

R.T.: 6.761 min
Delta R.T.: 0.013 min
Response: 197702
Conc: 82.80 ng/ml



#28 AR-1254-3

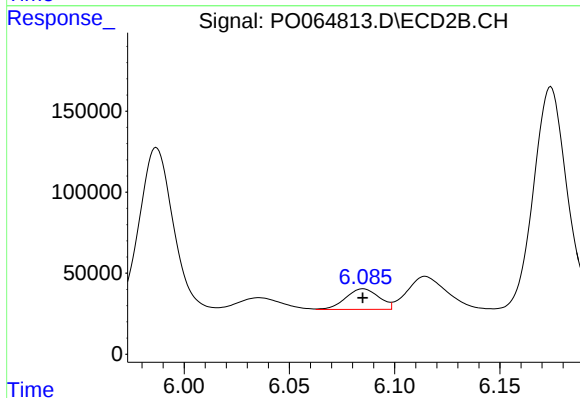
R.T.: 5.872 min
Delta R.T.: 0.015 min
Response: 741597
Conc: 238.73 ng/ml



#29 AR-1254-4

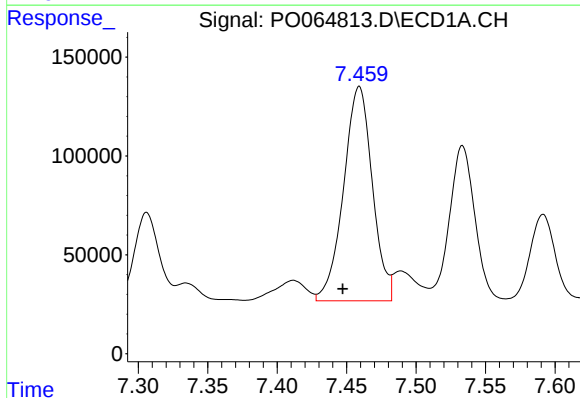
R.T.: 7.044 min
Delta R.T.: 0.012 min
Response: 174972
Conc: 93.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



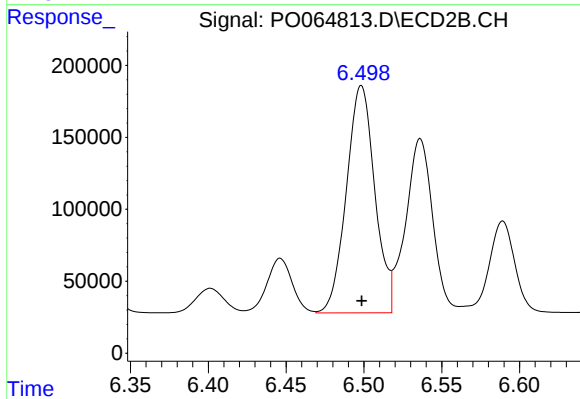
#29 AR-1254-4

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 140100
Conc: 68.21 ng/ml



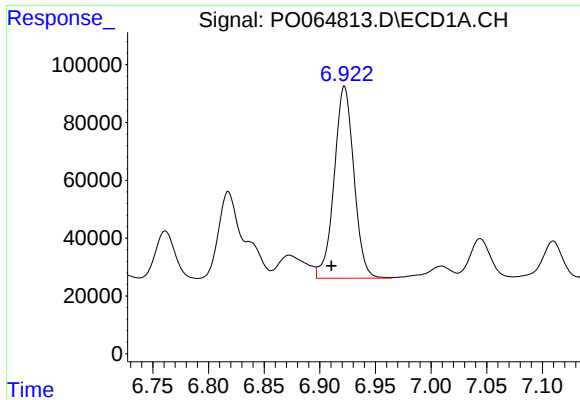
#30 AR-1254-5

R.T.: 7.459 min
Delta R.T.: 0.012 min
Response: 1564632
Conc: 743.64 ng/ml



#30 AR-1254-5

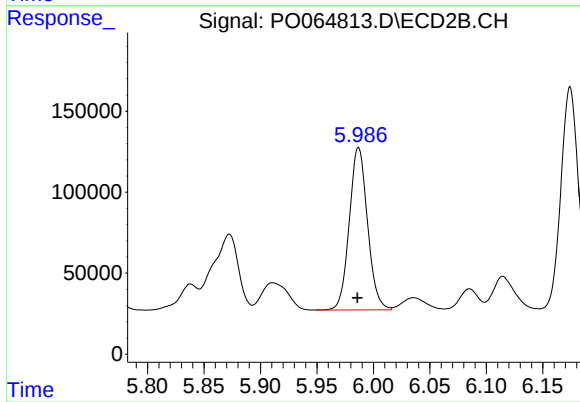
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 2008591
Conc: 672.92 ng/ml



#31 AR-1260-1

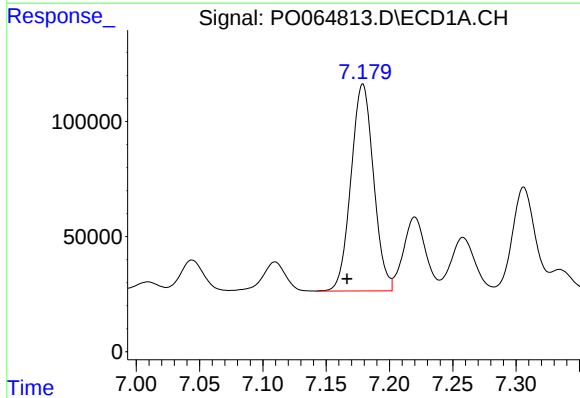
R.T.: 6.922 min
Delta R.T.: 0.012 min
Response: 819346
Conc: 533.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



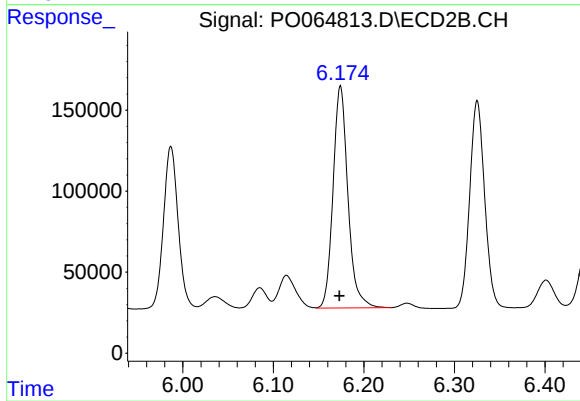
#31 AR-1260-1

R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 1127249
Conc: 610.48 ng/ml



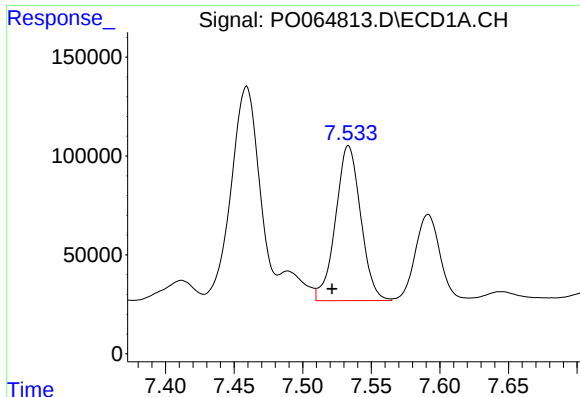
#32 AR-1260-2

R.T.: 7.179 min
Delta R.T.: 0.012 min
Response: 1114113
Conc: 564.39 ng/ml



#32 AR-1260-2

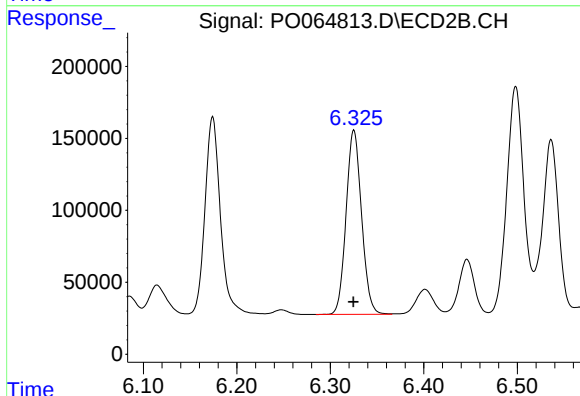
R.T.: 6.174 min
Delta R.T.: 0.001 min
Response: 1564387
Conc: 672.39 ng/ml



#33 AR-1260-3

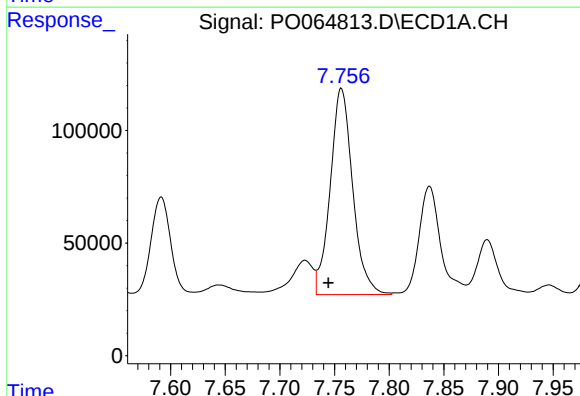
R.T.: 7.533 min
Delta R.T.: 0.012 min
Response: 1001607
Conc: 666.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



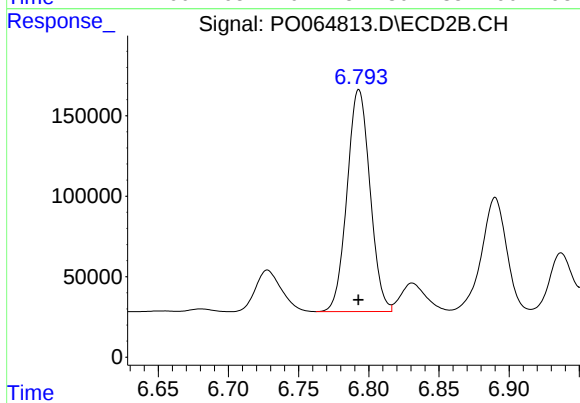
#33 AR-1260-3

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 1472364
Conc: 695.39 ng/ml



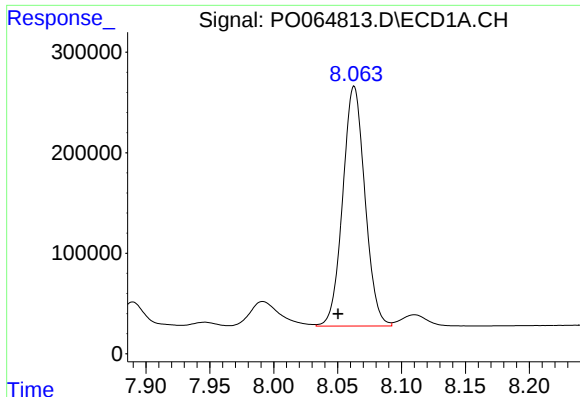
#34 AR-1260-4

R.T.: 7.756 min
Delta R.T.: 0.012 min
Response: 1310244
Conc: 709.30 ng/ml



#34 AR-1260-4

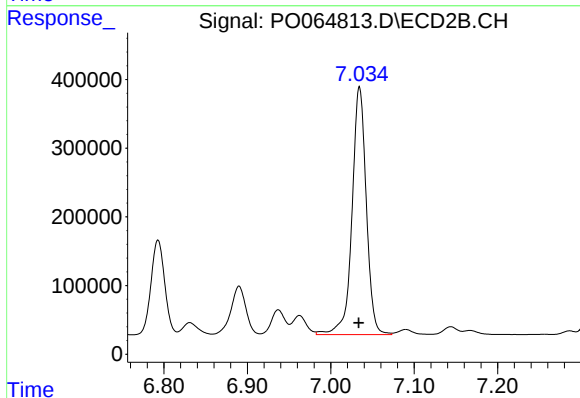
R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 1568237
Conc: 832.44 ng/ml



#35 AR-1260-5

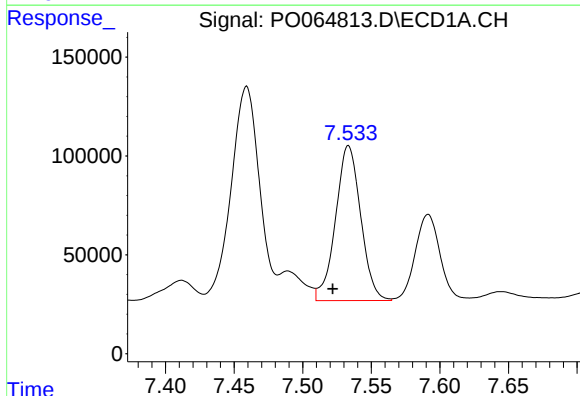
R.T.: 8.063 min
Delta R.T.: 0.013 min
Response: 2885318
Conc: 773.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



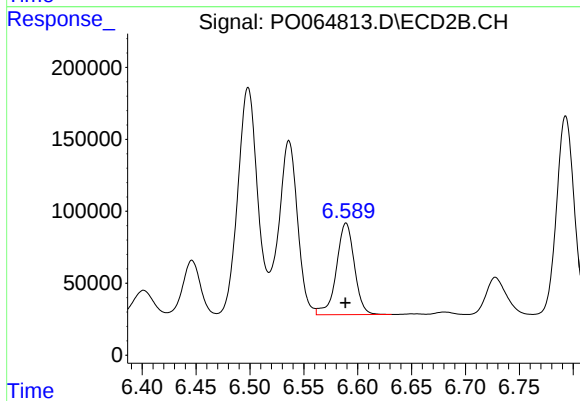
#35 AR-1260-5

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 4288615
Conc: 914.41 ng/ml



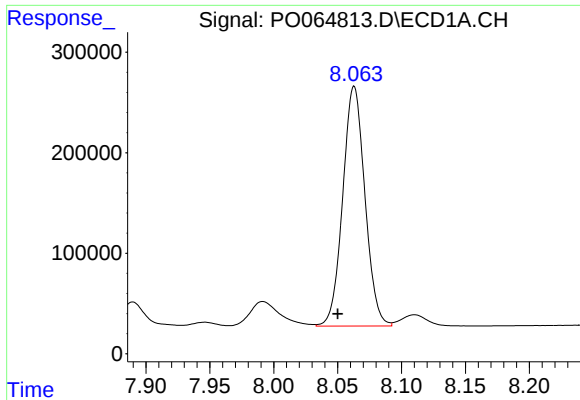
#36 AR-1262-1

R.T.: 7.533 min
Delta R.T.: 0.012 min
Response: 1001607
Conc: 435.59 ng/ml



#36 AR-1262-1

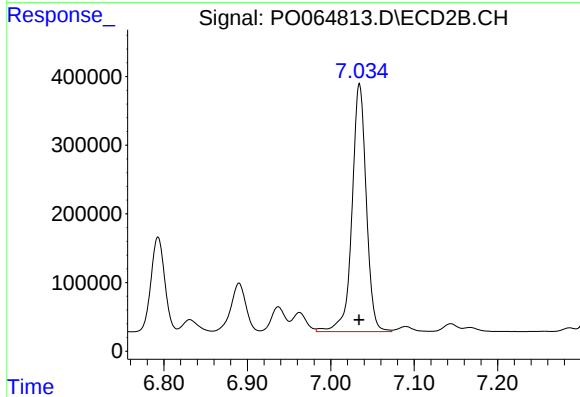
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 738888
Conc: 644.05 ng/ml



#37 AR-1262-2

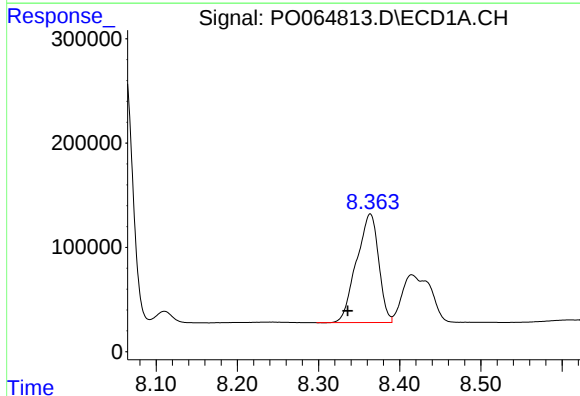
R.T.: 8.063 min
Delta R.T.: 0.013 min
Response: 2885318
Conc: 664.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



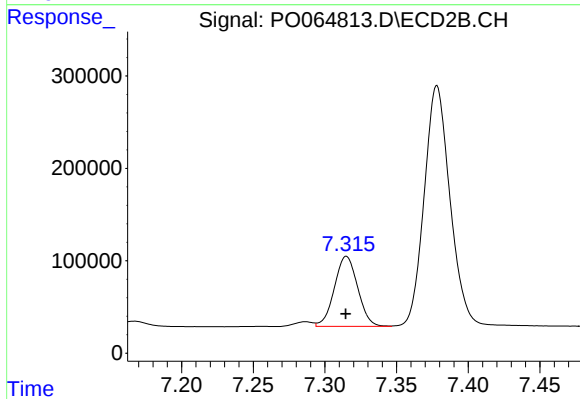
#37 AR-1262-2

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 4288615
Conc: 784.84 ng/ml



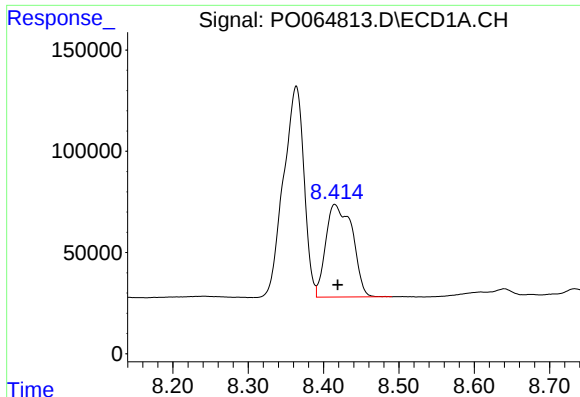
#38 AR-1262-3

R.T.: 8.364 min
Delta R.T.: 0.028 min
Response: 1973167
Conc: 678.07 ng/ml



#38 AR-1262-3

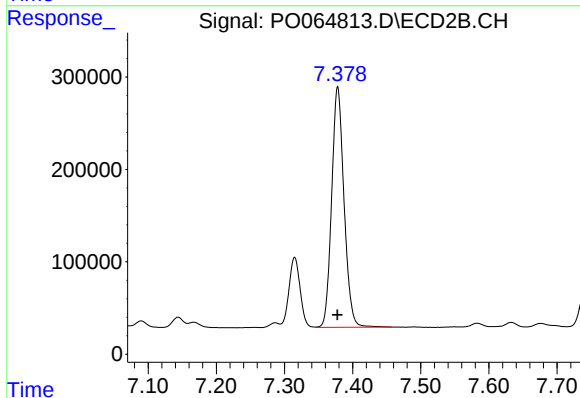
R.T.: 7.315 min
Delta R.T.: 0.000 min
Response: 858155
Conc: 412.02 ng/ml



#39 AR-1262-4

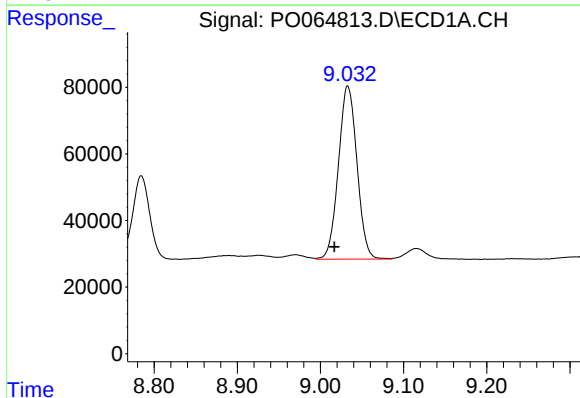
R.T.: 8.415 min
Delta R.T.: -0.004 min
Response: 1124007
Conc: 519.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



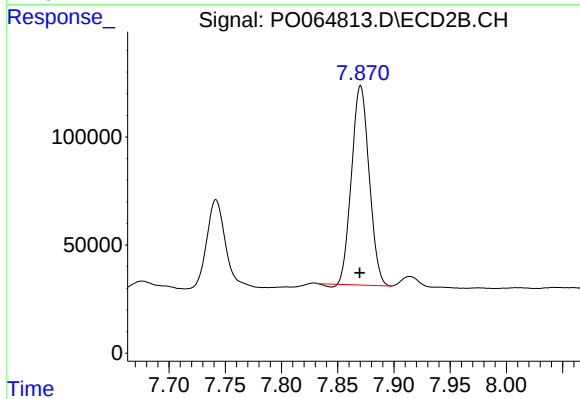
#39 AR-1262-4

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 3278274
Conc: 823.46 ng/ml



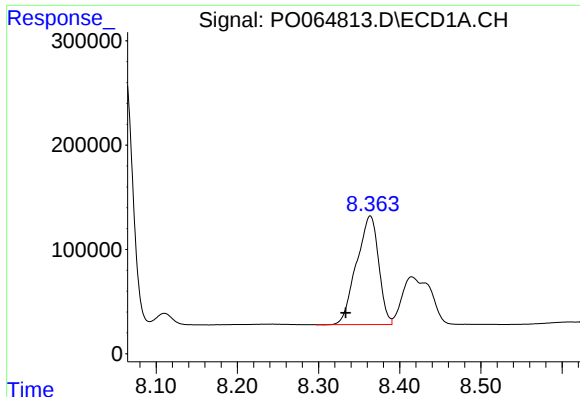
#40 AR-1262-5

R.T.: 9.033 min
Delta R.T.: 0.016 min
Response: 805791
Conc: 549.34 ng/ml



#40 AR-1262-5

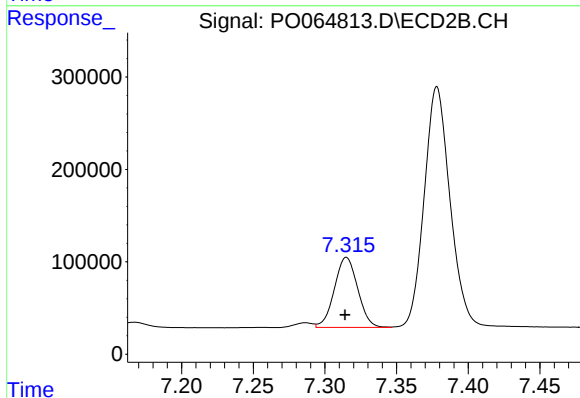
R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 1001113
Conc: 574.17 ng/ml



#41 AR-1268-1

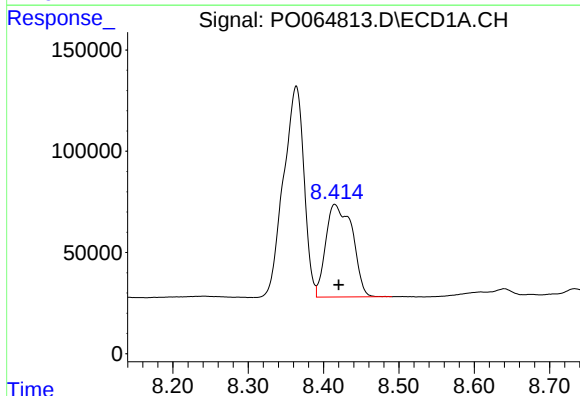
R.T.: 8.364 min
Delta R.T.: 0.030 min
Response: 1973167
Conc: 381.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



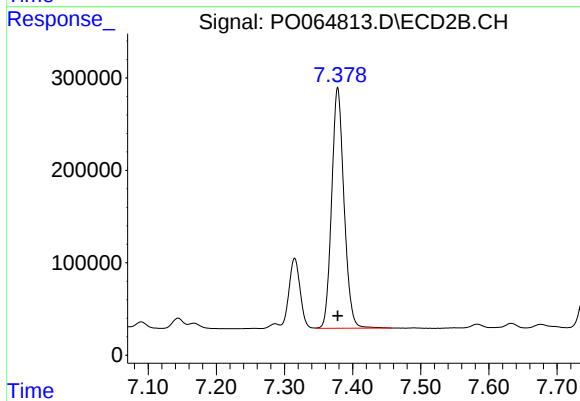
#41 AR-1268-1

R.T.: 7.315 min
Delta R.T.: 0.001 min
Response: 858155
Conc: 134.20 ng/ml



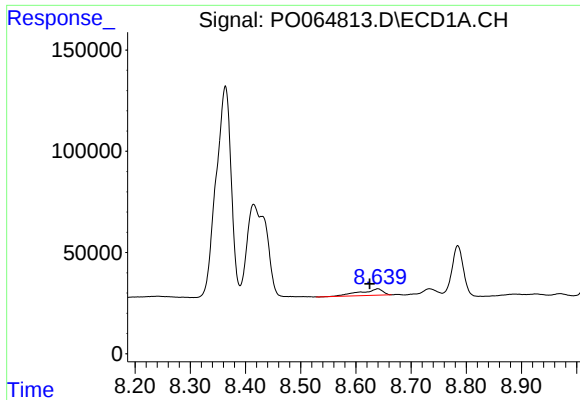
#42 AR-1268-2

R.T.: 8.415 min
Delta R.T.: -0.005 min
Response: 1124007
Conc: 239.03 ng/ml



#42 AR-1268-2

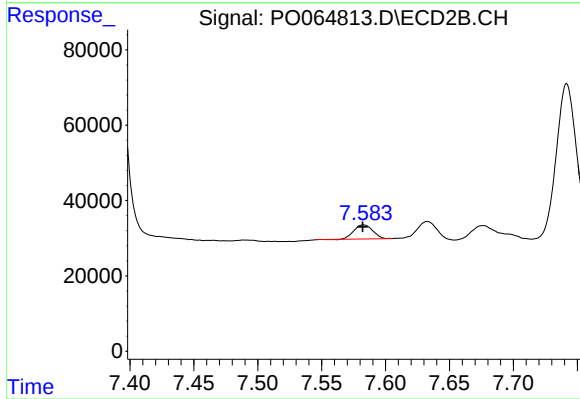
R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 3278274
Conc: 562.46 ng/ml



#43 AR-1268-3

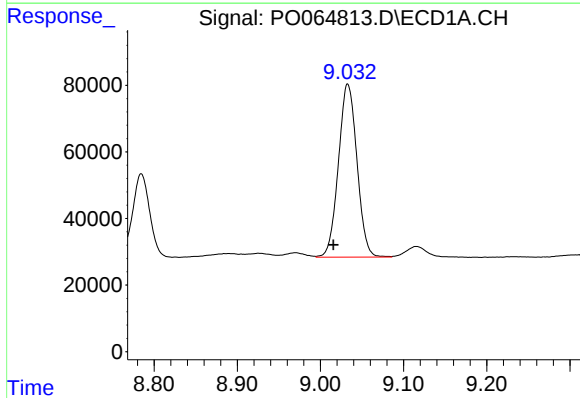
R.T.: 8.640 min
Delta R.T.: 0.015 min
Response: 88577
Conc: 22.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



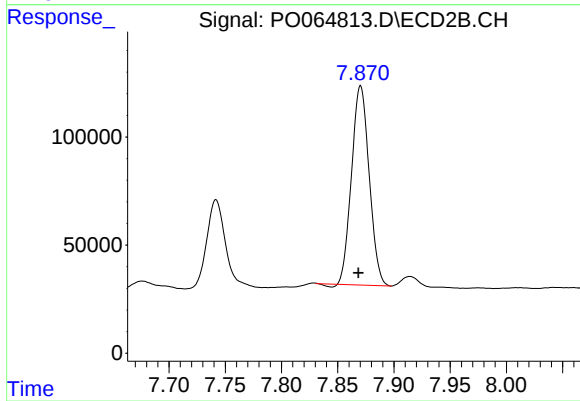
#43 AR-1268-3

R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 38355
Conc: 8.03 ng/ml



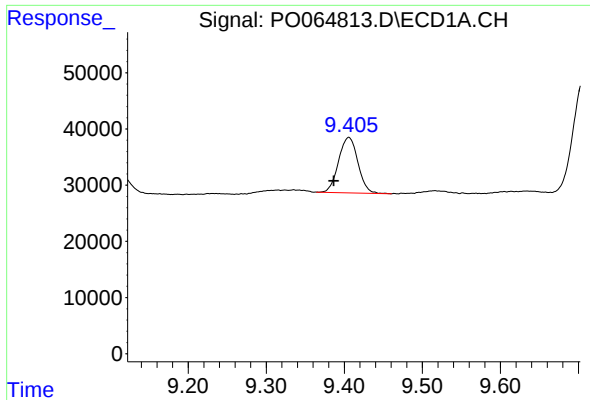
#44 AR-1268-4

R.T.: 9.033 min
Delta R.T.: 0.017 min
Response: 805791
Conc: 479.29 ng/ml



#44 AR-1268-4

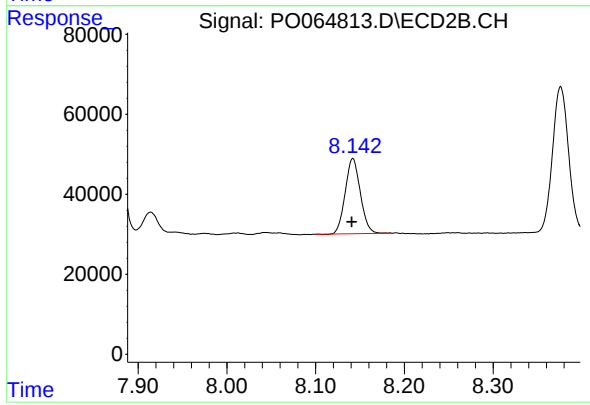
R.T.: 7.870 min
Delta R.T.: 0.002 min
Response: 1001113
Conc: 497.35 ng/ml



#45 AR-1268-5

R.T.: 9.406 min
Delta R.T.: 0.019 min
Response: 169666
Conc: 14.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.142 min
Delta R.T.: 0.001 min
Response: 222795
Conc: 15.40 ng/ml