

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091219\
 Data File : P0060736.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Sep 2019 3:56
 Operator : SM/AJ
 Sample : K4854-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 RI2-1-(24-30)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:42:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Sep 08 02:12:04 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...	4.368	3.534	1088214	868905	26.227	28.290
2)	SA Decachlor...	10.026	8.414	681032	502285	12.911	13.569
Target Compounds							
3)	L1 AR-1016-1	5.531	4.587	88301	75480	54.271	60.108
4)	L1 AR-1016-2	5.553	4.606	132809	106165	56.634	60.759
5)	L1 AR-1016-3	5.615	4.776	61498	60314	42.245	63.429 #
6)	L1 AR-1016-4	5.712	4.818	73163	337370	59.510	409.349 #
7)	L1 AR-1016-5	6.006	5.024	252034	219711	204.328	206.786
8)	L2 AR-1221-1	0.000	3.753	0	15315	N.D.	39.317 #
9)	L2 AR-1221-2	0.000	3.823	0	20535	N.D.	68.657 #
10)	L2 AR-1221-3	4.738	3.898	12705	20912	11.124	22.854 #
11)	L3 AR-1232-1	4.738	3.898	12705	20912	10.284	21.390 #
12)	L3 AR-1232-2	5.266	4.606	60241	106165	88.355	100.745
13)	L3 AR-1232-3	5.553	4.776	132809	60314	94.723	106.509
14)	L3 AR-1232-4	5.712	4.858	73163	143765	100.057	264.353 #
15)	L3 AR-1232-5	5.802	5.024	394318	219711	754.228	368.248 #
16)	L4 AR-1242-1	5.531	4.587	88301	75480	73.295	82.104
17)	L4 AR-1242-2	5.553	4.606	132809	106165	76.793	82.763
18)	L4 AR-1242-3	5.615	4.776	61498	60314	55.854	84.473 #
19)	L4 AR-1242-4	5.712	4.858	73163	143765	81.272	191.743 #
20)	L4 AR-1242-5	6.448	5.368	252500	703444	231.653	720.436 #
21)	L5 AR-1248-1	5.531	4.587	88301	75480	96.229	104.420
22)	L5 AR-1248-2	5.802	4.818	394318	337370	294.332	344.493
23)	L5 AR-1248-3	6.006	4.858	252034	143765	168.160	140.867
24)	L5 AR-1248-4	6.408	5.024	344882	219711	196.088	180.698
25)	L5 AR-1248-5	6.448	5.407	252500	131387	150.939	107.992 #
26)	L6 AR-1254-1	6.380	5.368	677414	703444	371.446	370.749
27)	L6 AR-1254-2	6.599	5.513	983578	572853	339.380	335.204
28)	L6 AR-1254-3	6.964	5.907	937071	895499	293.831	319.299
29)	L6 AR-1254-4	7.248	6.132	622699	505144	259.314	282.750
30)	L6 AR-1254-5	7.665	6.542	689115	725331	253.325	276.421
31)	L7 AR-1260-1	7.126	6.035	359678	432015	143.888	210.082 #
32)	L7 AR-1260-2	7.382	6.220	464326	347574	149.425	138.820
33)	L7 AR-1260-3	7.729	6.369	120713	332578	48.258	143.149 #
34)	L7 AR-1260-4	7.954	6.835	331786	60182	112.061	29.631 #
35)	L7 AR-1260-5	8.277	7.073	150767	126520	26.842	27.620
36)	L8 AR-1262-1	7.729	6.609	120713	48833	35.945	18.366 #
37)	L8 AR-1262-2	8.277	7.073	150767	126520	25.751	27.870
38)	L8 AR-1262-3	8.596	7.355	191416	25343	47.835	13.369 #
39)	L8 AR-1262-4	8.646	7.414	65519	113449	21.575	33.083 #
40)	L8 AR-1262-5	0.000	7.904	0	26636	N.D.	17.036 #
41)	L9 AR-1268-1	8.596	7.355	191416	25343	27.728	4.990 #
42)	L9 AR-1268-2	8.646	7.414	65519	113449	10.188	24.424 #

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 ALS Vial : 37 Sample Multiplier: 1

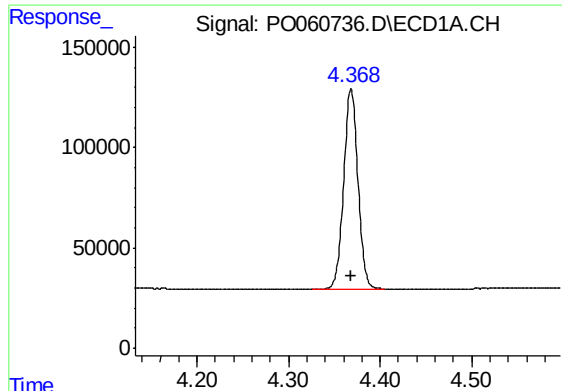
Instrument :
 ECD_O
 ClientSampleId :
 RI2-1-(24-30)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	0.000	7.904	0	26636	N.D.	15.665 #
45) L9	AR-1268-5	0.000	8.178	0	9552	N.D.	0.852 #

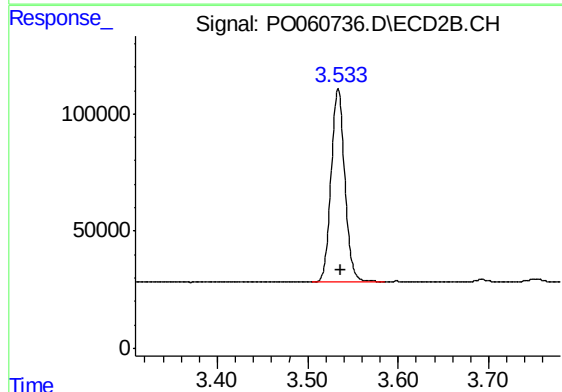
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

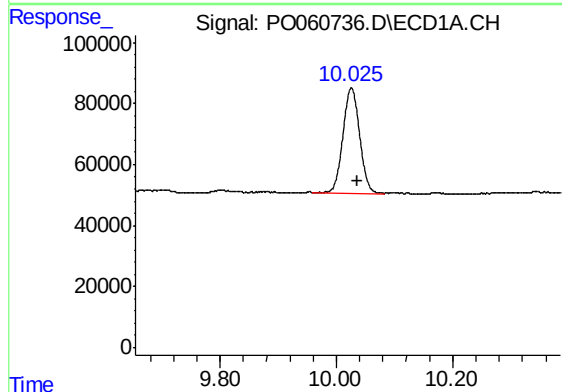
R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 1088214
Conc: 26.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



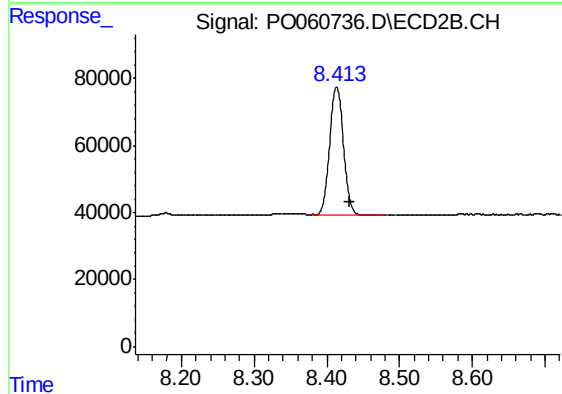
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.002 min
Response: 868905
Conc: 28.29 ng/ml



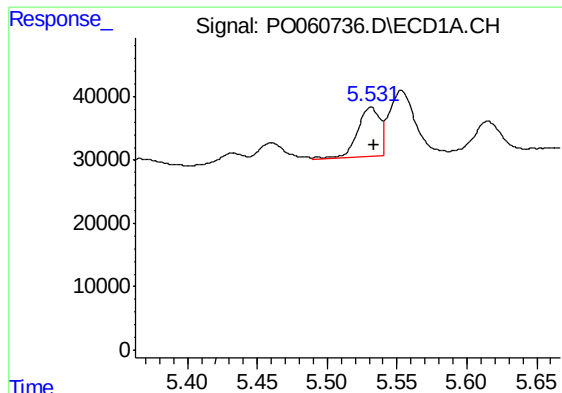
#2 Decachlorobiphenyl

R.T.: 10.026 min
Delta R.T.: -0.011 min
Response: 681032
Conc: 12.91 ng/ml



#2 Decachlorobiphenyl

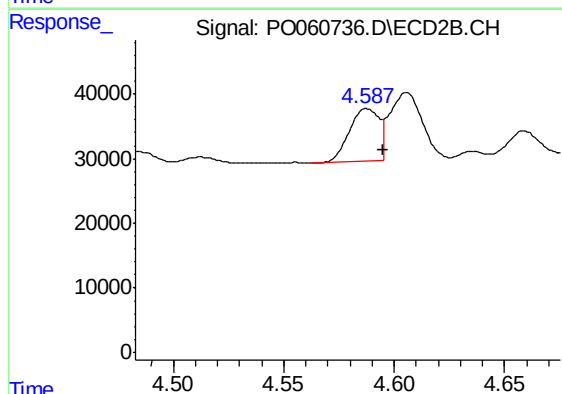
R.T.: 8.414 min
Delta R.T.: -0.017 min
Response: 502285
Conc: 13.57 ng/ml



#3 AR-1016-1

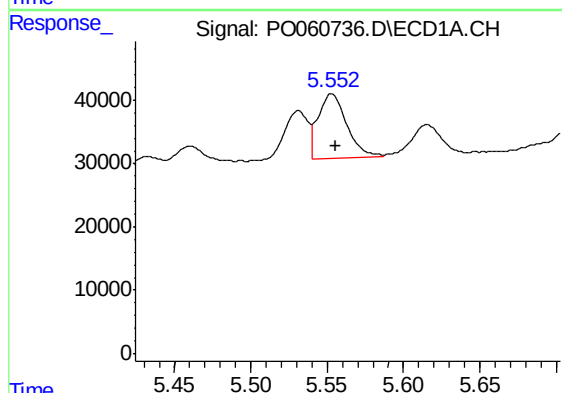
R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 88301
Conc: 54.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



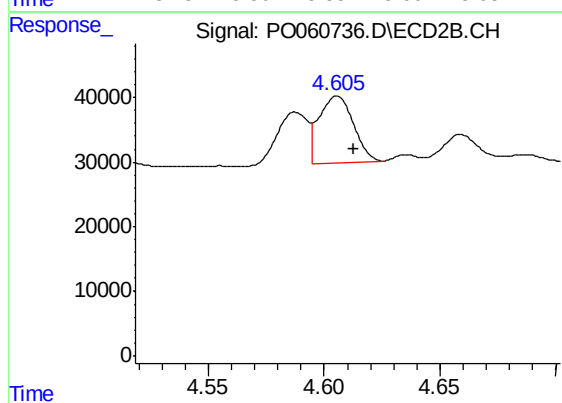
#3 AR-1016-1

R.T.: 4.587 min
Delta R.T.: -0.007 min
Response: 75480
Conc: 60.11 ng/ml



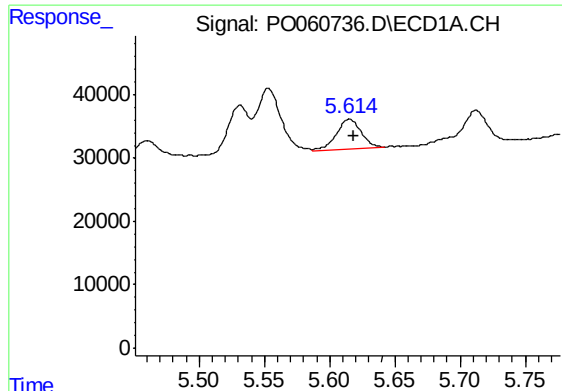
#4 AR-1016-2

R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 132809
Conc: 56.63 ng/ml



#4 AR-1016-2

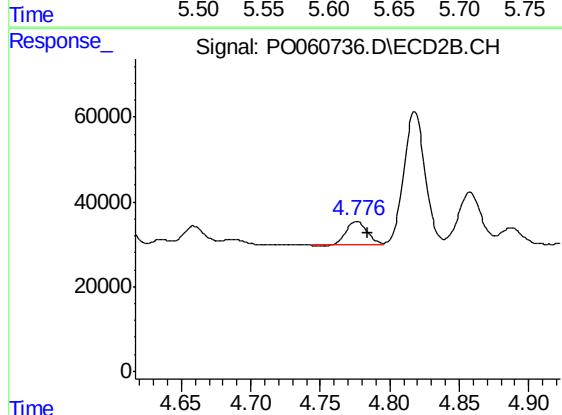
R.T.: 4.606 min
Delta R.T.: -0.007 min
Response: 106165
Conc: 60.76 ng/ml



#5 AR-1016-3

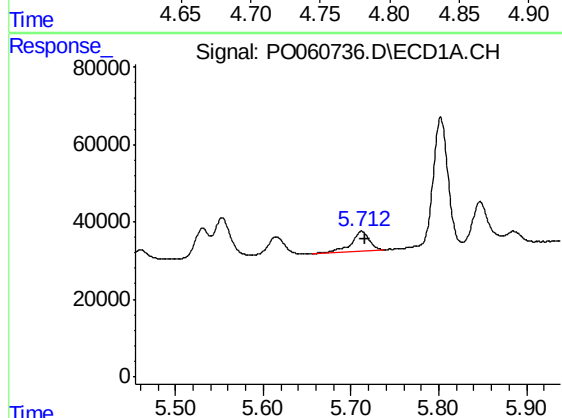
R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 61498
Conc: 42.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



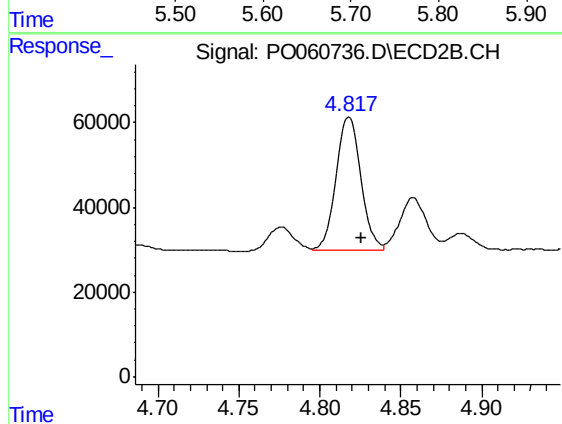
#5 AR-1016-3

R.T.: 4.776 min
Delta R.T.: -0.008 min
Response: 60314
Conc: 63.43 ng/ml



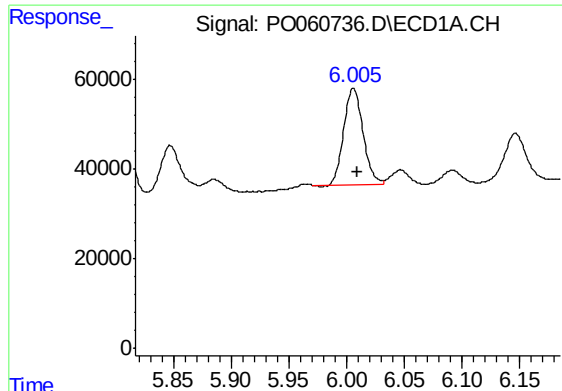
#6 AR-1016-4

R.T.: 5.712 min
Delta R.T.: -0.004 min
Response: 73163
Conc: 59.51 ng/ml



#6 AR-1016-4

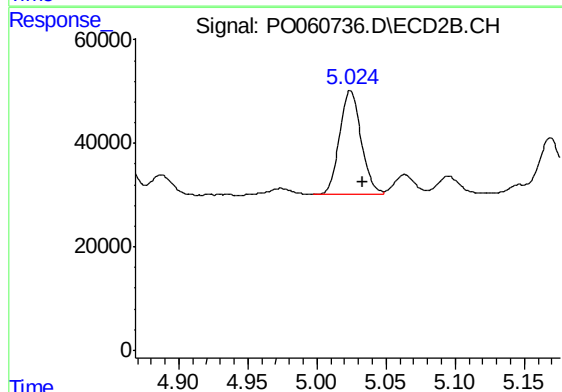
R.T.: 4.818 min
Delta R.T.: -0.008 min
Response: 337370
Conc: 409.35 ng/ml



#7 AR-1016-5

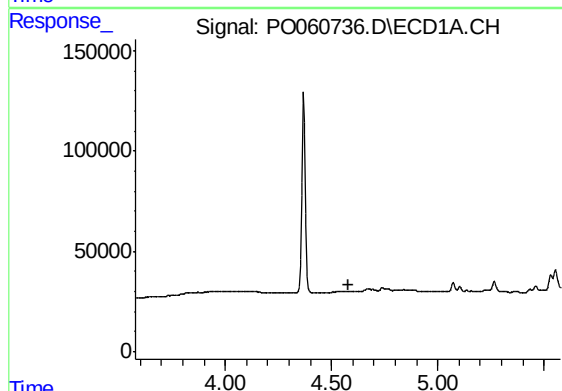
R.T.: 6.006 min
Delta R.T.: -0.004 min
Response: 252034
Conc: 204.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



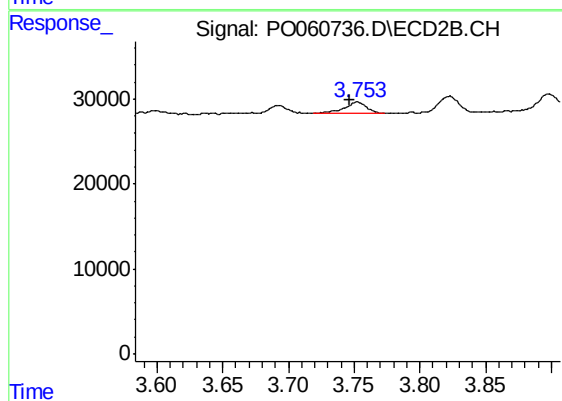
#7 AR-1016-5

R.T.: 5.024 min
Delta R.T.: -0.009 min
Response: 219711
Conc: 206.79 ng/ml



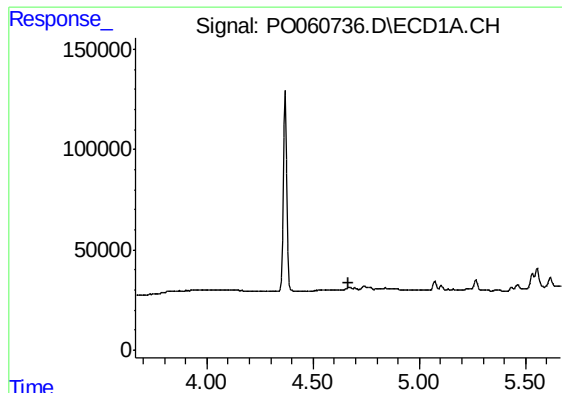
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.577 min
Response: 0
Conc: N.D.



#8 AR-1221-1

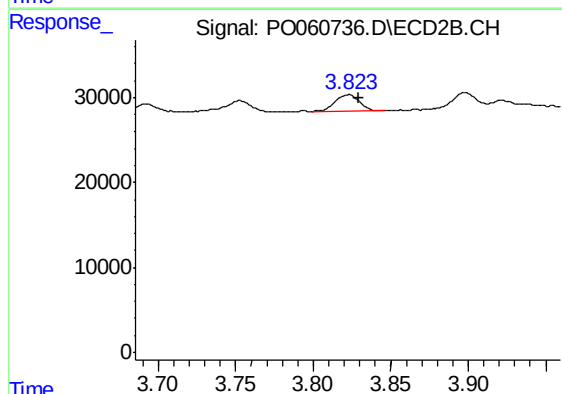
R.T.: 3.753 min
Delta R.T.: 0.006 min
Response: 15315
Conc: 39.32 ng/ml



#9 AR-1221-2

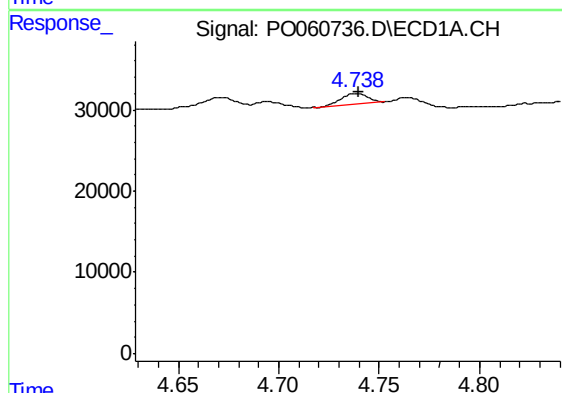
R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



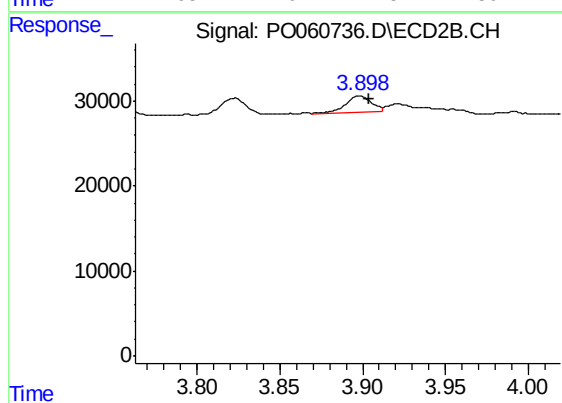
#9 AR-1221-2

R.T.: 3.823 min
Delta R.T.: -0.006 min
Response: 20535
Conc: 68.66 ng/ml



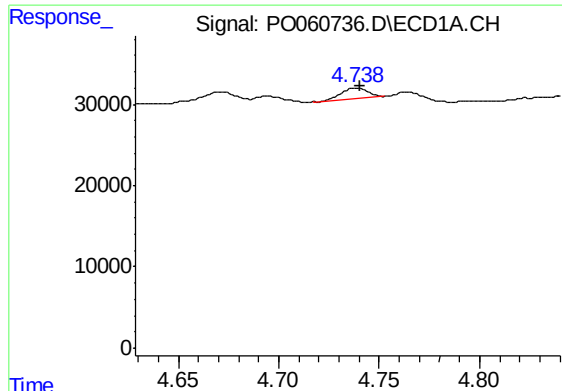
#10 AR-1221-3

R.T.: 4.738 min
Delta R.T.: -0.002 min
Response: 12705
Conc: 11.12 ng/ml



#10 AR-1221-3

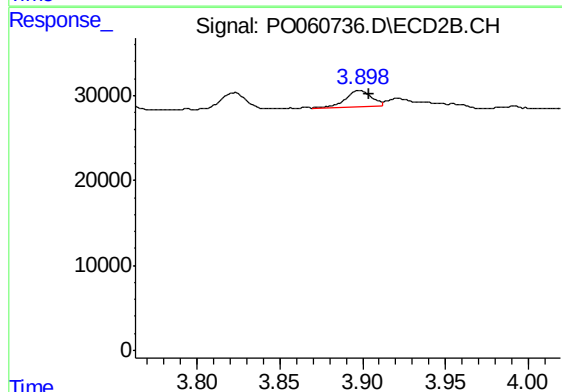
R.T.: 3.898 min
Delta R.T.: -0.005 min
Response: 20912
Conc: 22.85 ng/ml



#11 AR-1232-1

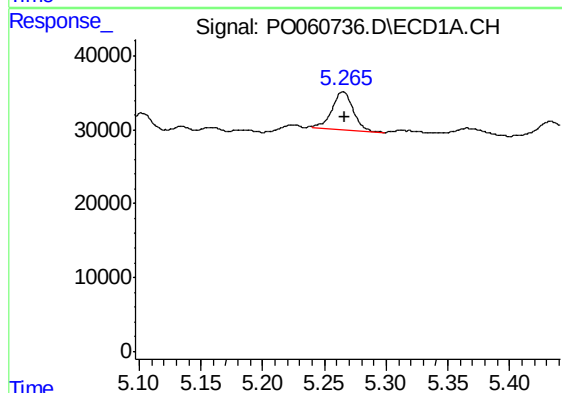
R.T.: 4.738 min
Delta R.T.: -0.002 min
Response: 12705
Conc: 10.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



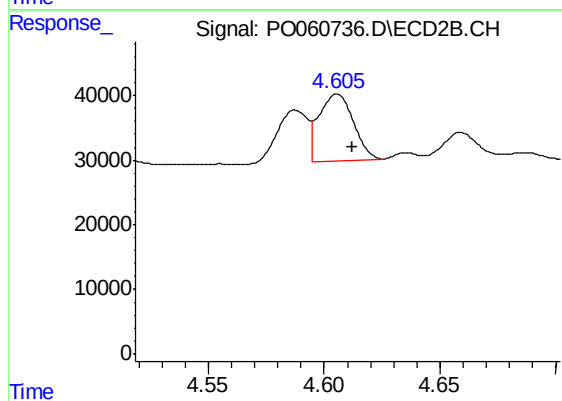
#11 AR-1232-1

R.T.: 3.898 min
Delta R.T.: -0.005 min
Response: 20912
Conc: 21.39 ng/ml



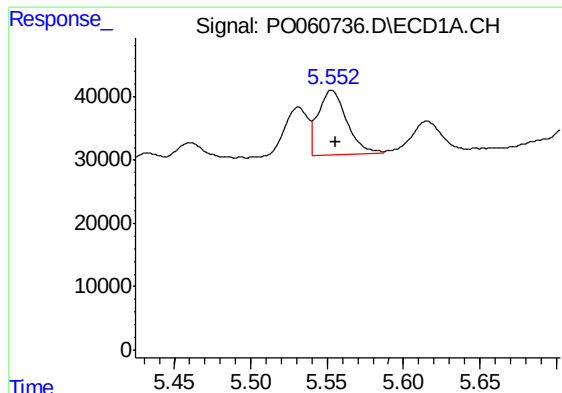
#12 AR-1232-2

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 60241
Conc: 88.36 ng/ml



#12 AR-1232-2

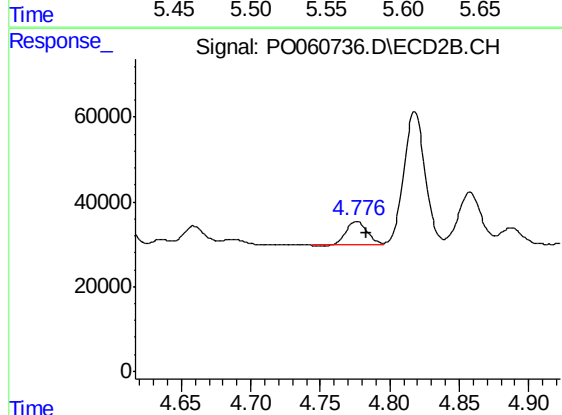
R.T.: 4.606 min
Delta R.T.: -0.006 min
Response: 106165
Conc: 100.74 ng/ml



#13 AR-1232-3

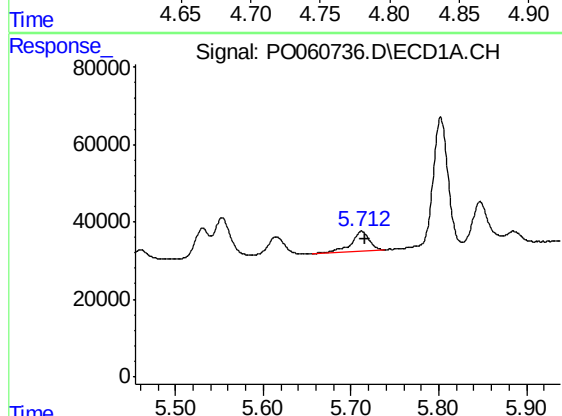
R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 132809
Conc: 94.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



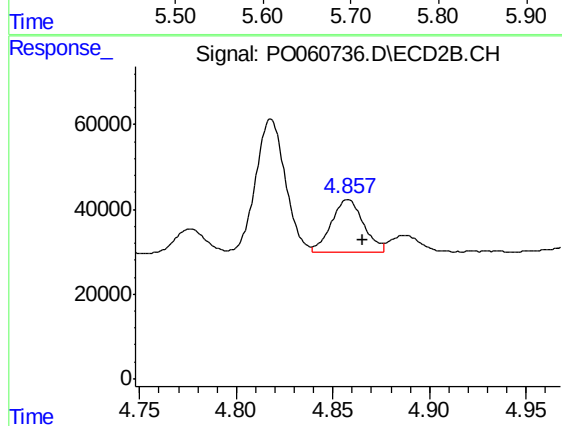
#13 AR-1232-3

R.T.: 4.776 min
Delta R.T.: -0.007 min
Response: 60314
Conc: 106.51 ng/ml



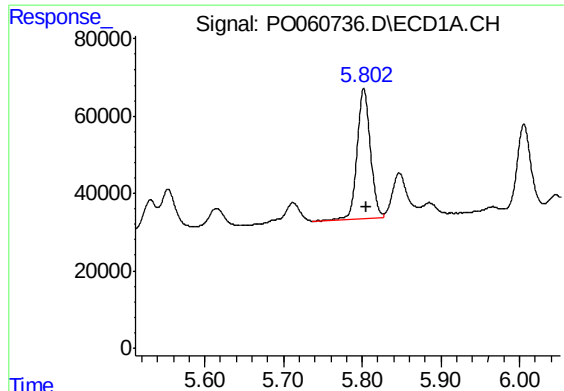
#14 AR-1232-4

R.T.: 5.712 min
Delta R.T.: -0.004 min
Response: 73163
Conc: 100.06 ng/ml



#14 AR-1232-4

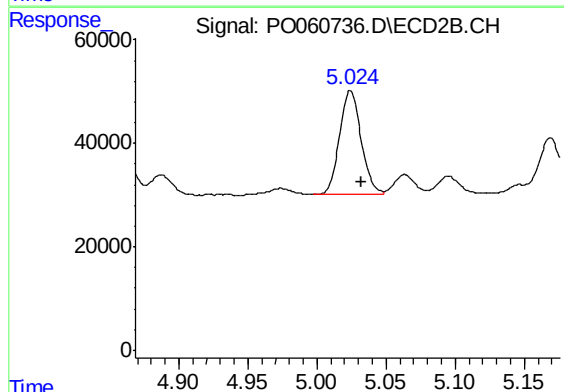
R.T.: 4.858 min
Delta R.T.: -0.008 min
Response: 143765
Conc: 264.35 ng/ml



#15 AR-1232-5

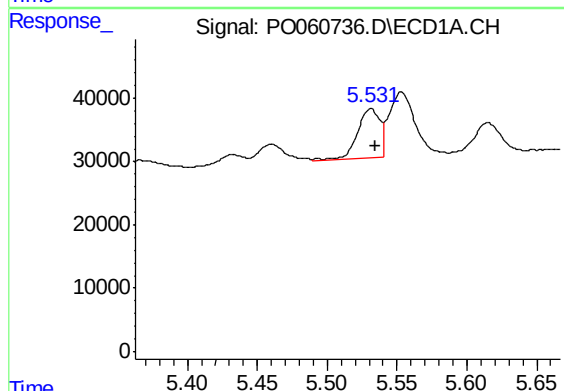
R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 394318
Conc: 754.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



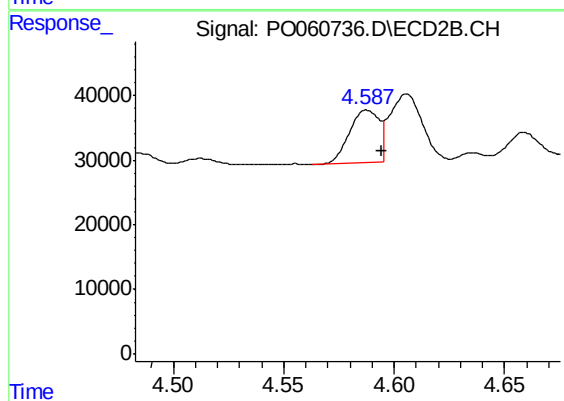
#15 AR-1232-5

R.T.: 5.024 min
Delta R.T.: -0.008 min
Response: 219711
Conc: 368.25 ng/ml



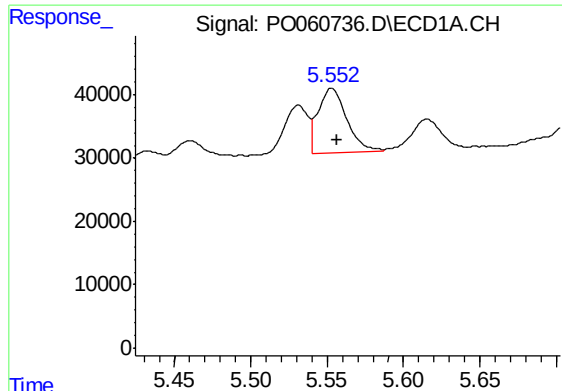
#16 AR-1242-1

R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 88301
Conc: 73.30 ng/ml



#16 AR-1242-1

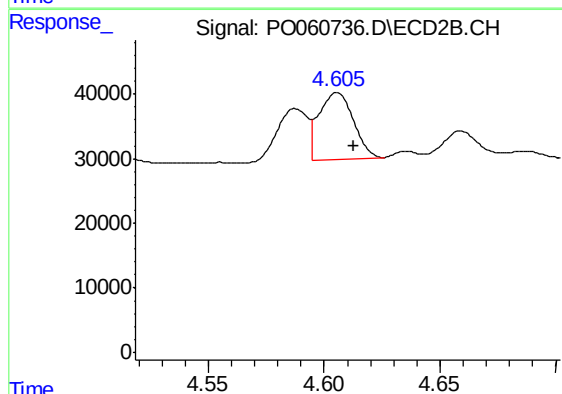
R.T.: 4.587 min
Delta R.T.: -0.007 min
Response: 75480
Conc: 82.10 ng/ml



#17 AR-1242-2

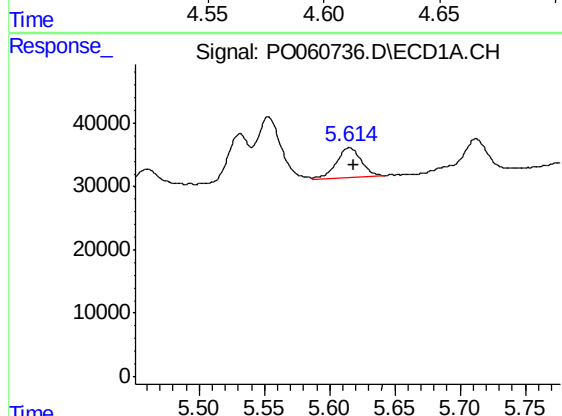
R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 132809
Conc: 76.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



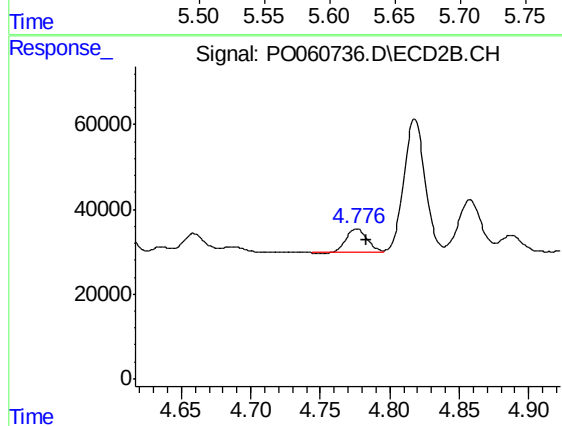
#17 AR-1242-2

R.T.: 4.606 min
Delta R.T.: -0.007 min
Response: 106165
Conc: 82.76 ng/ml



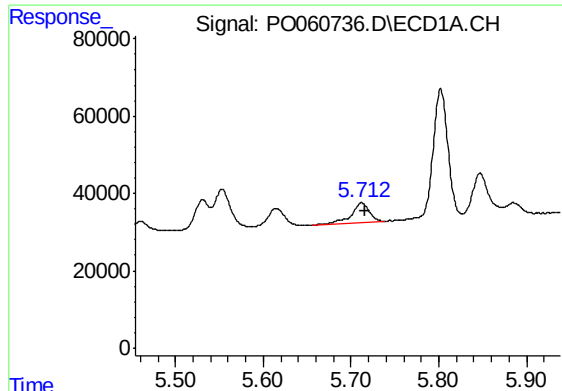
#18 AR-1242-3

R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 61498
Conc: 55.85 ng/ml



#18 AR-1242-3

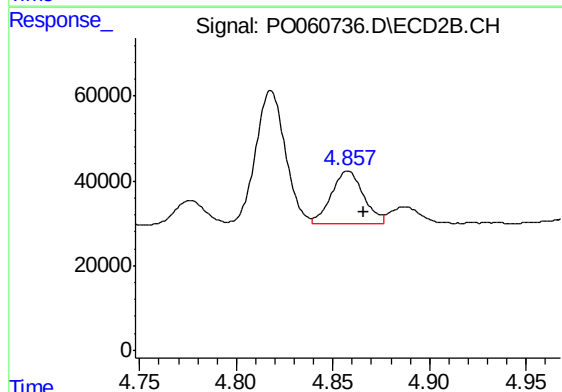
R.T.: 4.776 min
Delta R.T.: -0.007 min
Response: 60314
Conc: 84.47 ng/ml



#19 AR-1242-4

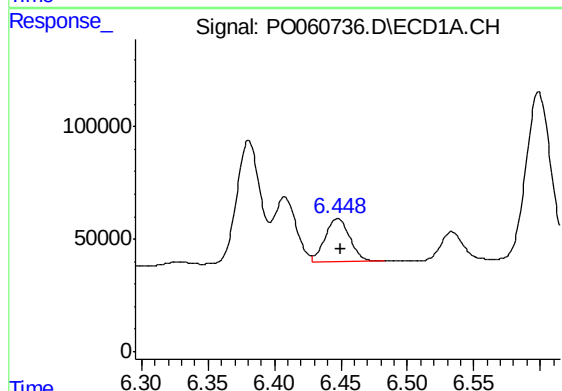
R.T.: 5.712 min
Delta R.T.: -0.005 min
Response: 73163
Conc: 81.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



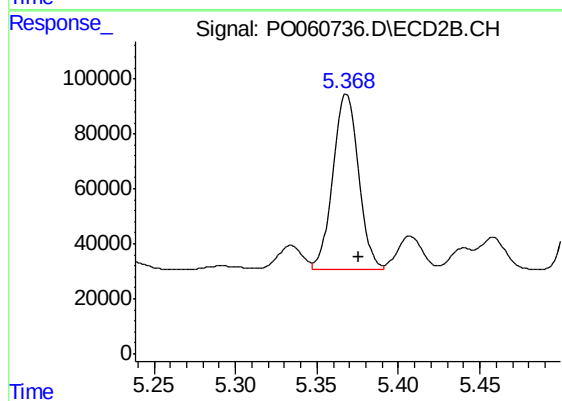
#19 AR-1242-4

R.T.: 4.858 min
Delta R.T.: -0.008 min
Response: 143765
Conc: 191.74 ng/ml



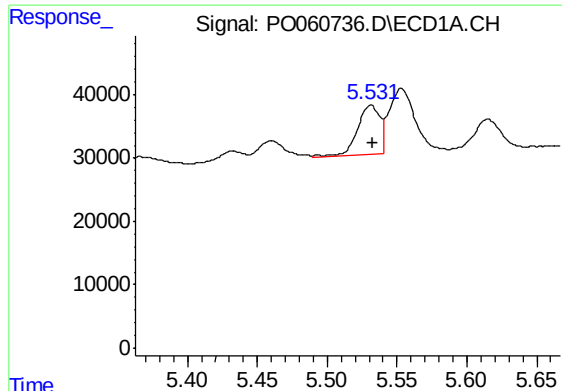
#20 AR-1242-5

R.T.: 6.448 min
Delta R.T.: -0.003 min
Response: 252500
Conc: 231.65 ng/ml



#20 AR-1242-5

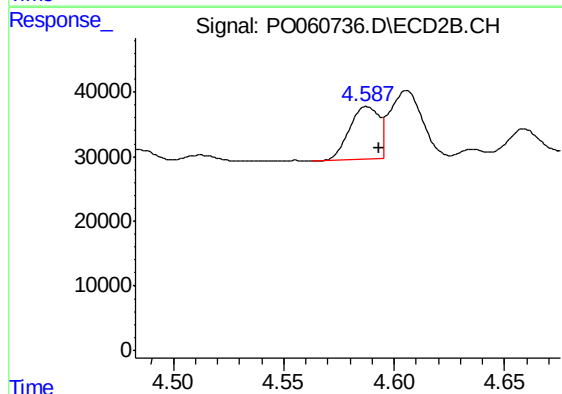
R.T.: 5.368 min
Delta R.T.: -0.008 min
Response: 703444
Conc: 720.44 ng/ml



#21 AR-1248-1

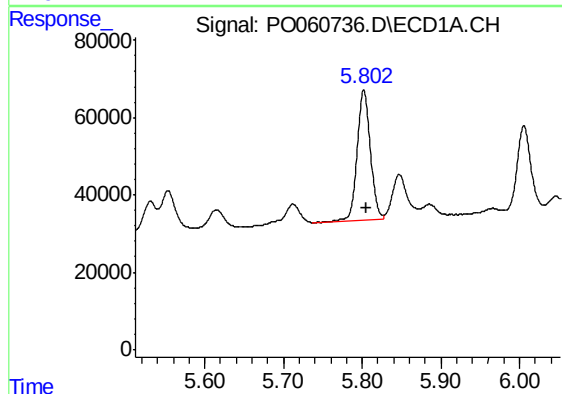
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 88301
Conc: 96.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



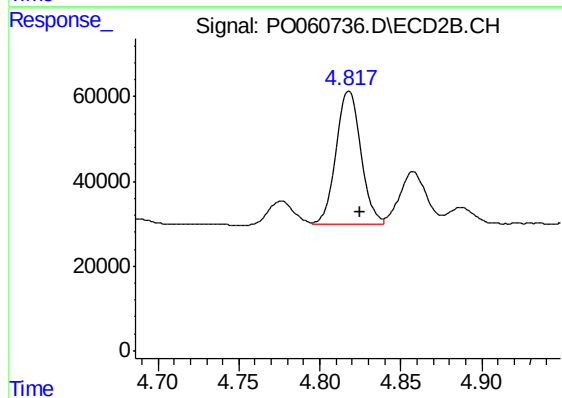
#21 AR-1248-1

R.T.: 4.587 min
Delta R.T.: -0.006 min
Response: 75480
Conc: 104.42 ng/ml



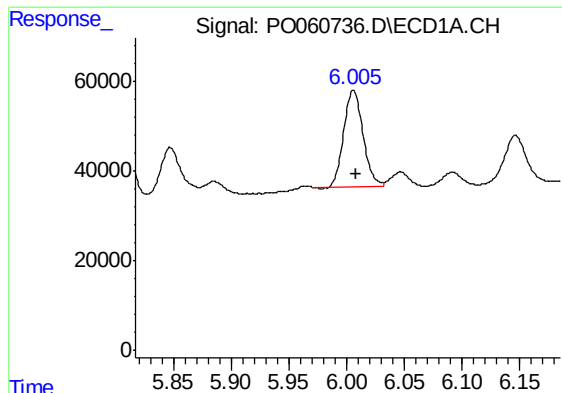
#22 AR-1248-2

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 394318
Conc: 294.33 ng/ml



#22 AR-1248-2

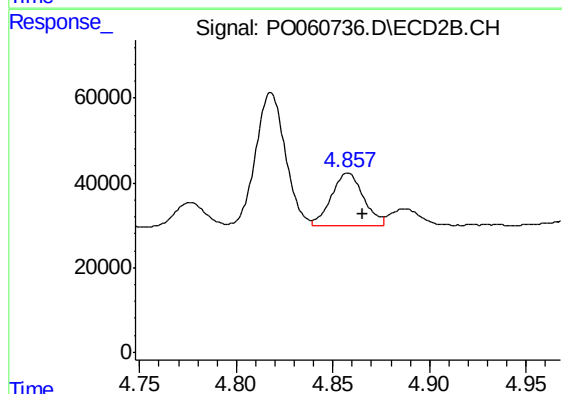
R.T.: 4.818 min
Delta R.T.: -0.007 min
Response: 337370
Conc: 344.49 ng/ml



#23 AR-1248-3

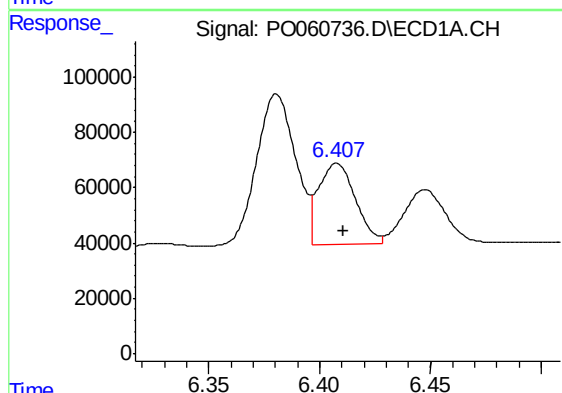
R.T.: 6.006 min
Delta R.T.: -0.003 min
Response: 252034
Conc: 168.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



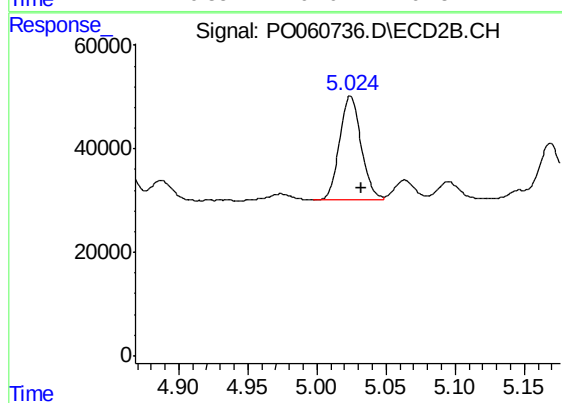
#23 AR-1248-3

R.T.: 4.858 min
Delta R.T.: -0.007 min
Response: 143765
Conc: 140.87 ng/ml



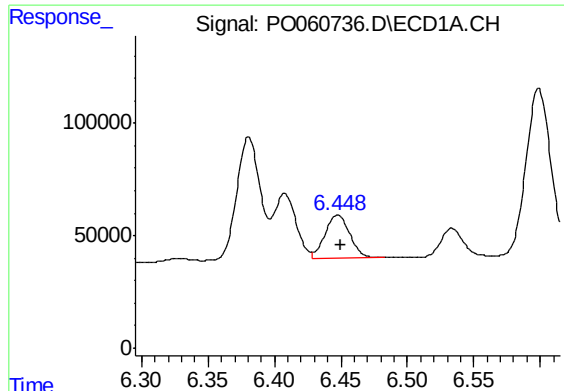
#24 AR-1248-4

R.T.: 6.408 min
Delta R.T.: -0.003 min
Response: 344882
Conc: 196.09 ng/ml



#24 AR-1248-4

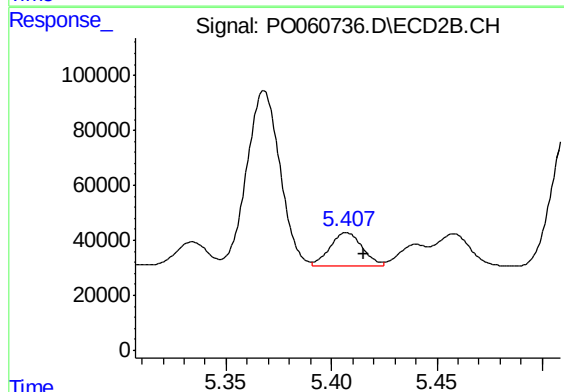
R.T.: 5.024 min
Delta R.T.: -0.008 min
Response: 219711
Conc: 180.70 ng/ml



#25 AR-1248-5

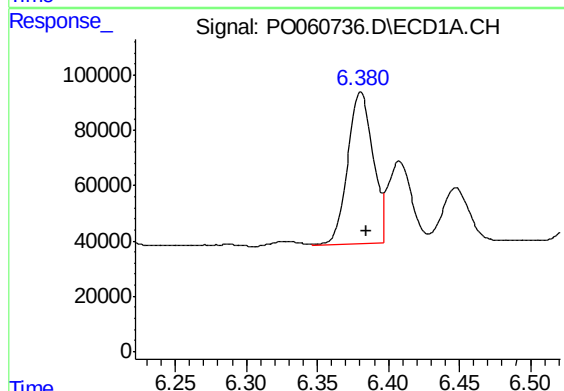
R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 252500
Conc: 150.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



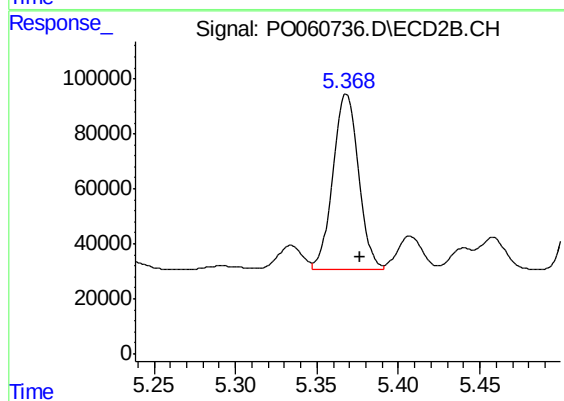
#25 AR-1248-5

R.T.: 5.407 min
Delta R.T.: -0.008 min
Response: 131387
Conc: 107.99 ng/ml



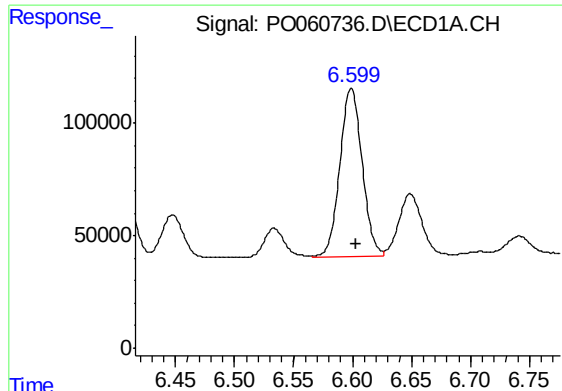
#26 AR-1254-1

R.T.: 6.380 min
Delta R.T.: -0.004 min
Response: 677414
Conc: 371.45 ng/ml



#26 AR-1254-1

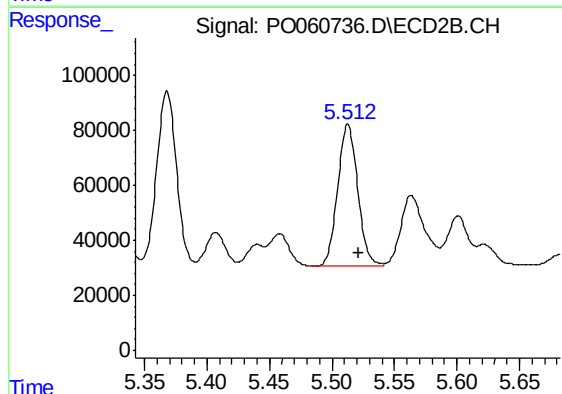
R.T.: 5.368 min
Delta R.T.: -0.009 min
Response: 703444
Conc: 370.75 ng/ml



#27 AR-1254-2

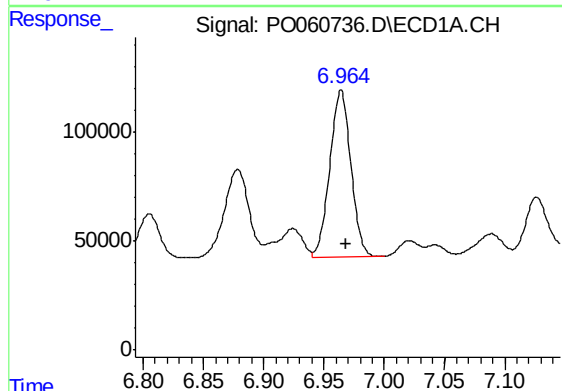
R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 983578
Conc: 339.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



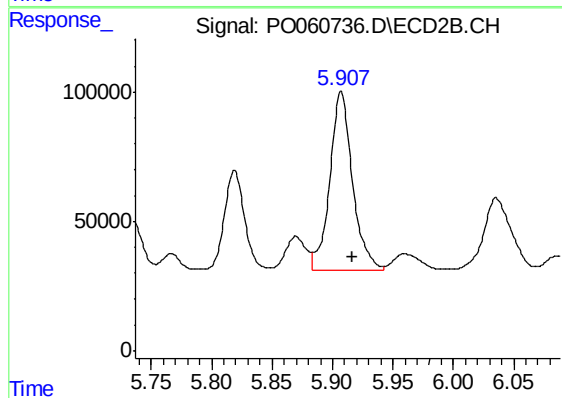
#27 AR-1254-2

R.T.: 5.513 min
Delta R.T.: -0.008 min
Response: 572853
Conc: 335.20 ng/ml



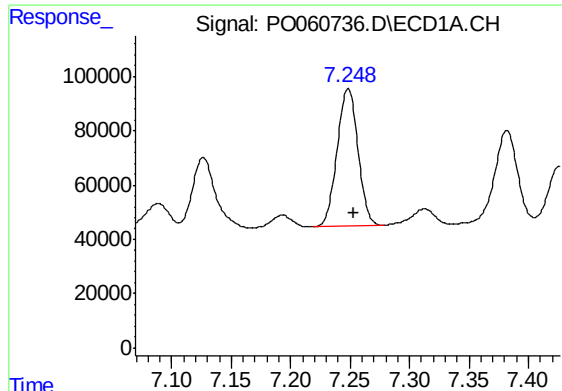
#28 AR-1254-3

R.T.: 6.964 min
Delta R.T.: -0.004 min
Response: 937071
Conc: 293.83 ng/ml



#28 AR-1254-3

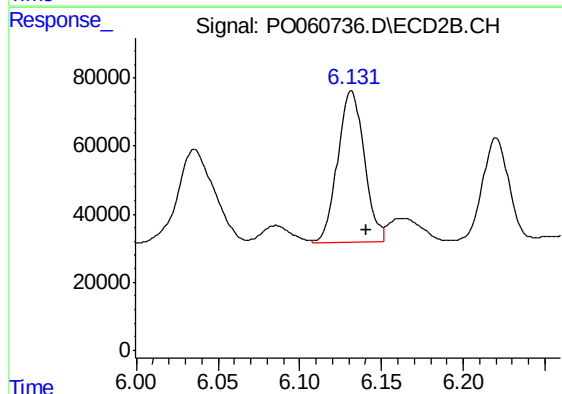
R.T.: 5.907 min
Delta R.T.: -0.009 min
Response: 895499
Conc: 319.30 ng/ml



#29 AR-1254-4

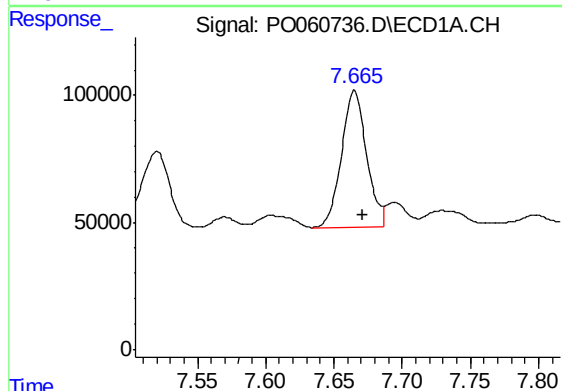
R.T.: 7.248 min
Delta R.T.: -0.004 min
Response: 622699
Conc: 259.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



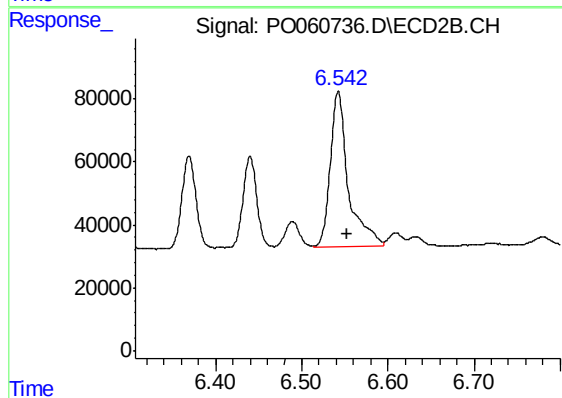
#29 AR-1254-4

R.T.: 6.132 min
Delta R.T.: -0.009 min
Response: 505144
Conc: 282.75 ng/ml



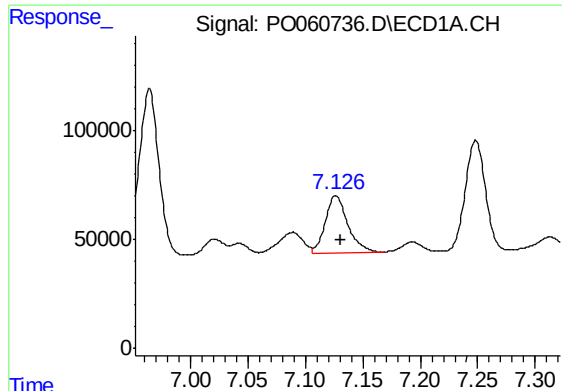
#30 AR-1254-5

R.T.: 7.665 min
Delta R.T.: -0.006 min
Response: 689115
Conc: 253.33 ng/ml



#30 AR-1254-5

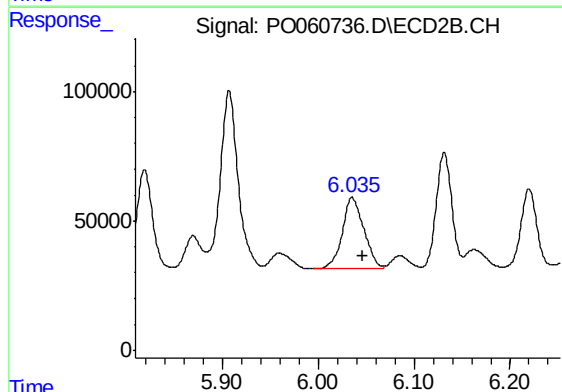
R.T.: 6.542 min
Delta R.T.: -0.010 min
Response: 725331
Conc: 276.42 ng/ml



#31 AR-1260-1

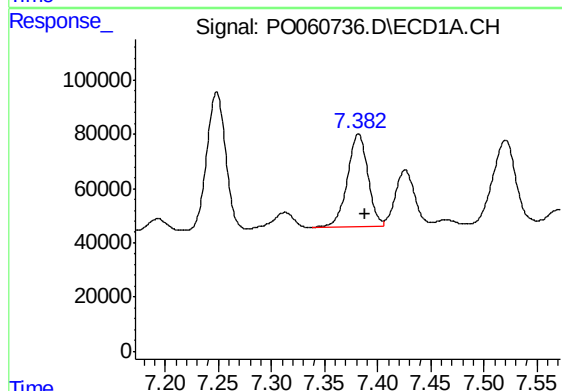
R.T.: 7.126 min
Delta R.T.: -0.004 min
Response: 359678
Conc: 143.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



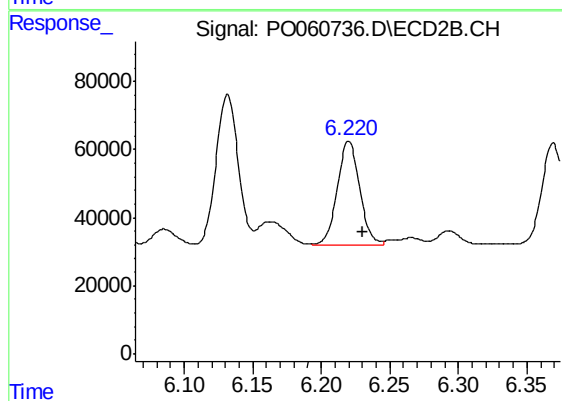
#31 AR-1260-1

R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 432015
Conc: 210.08 ng/ml



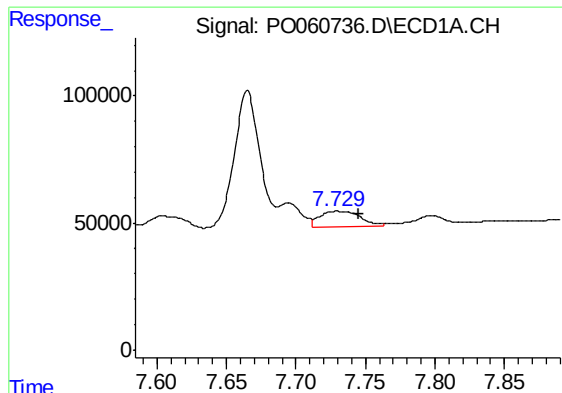
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 464326
Conc: 149.42 ng/ml



#32 AR-1260-2

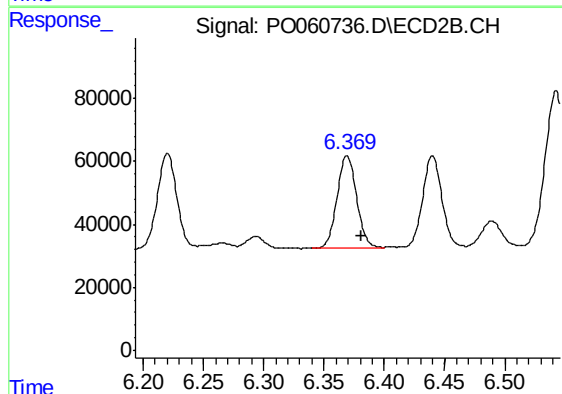
R.T.: 6.220 min
Delta R.T.: -0.010 min
Response: 347574
Conc: 138.82 ng/ml



#33 AR-1260-3

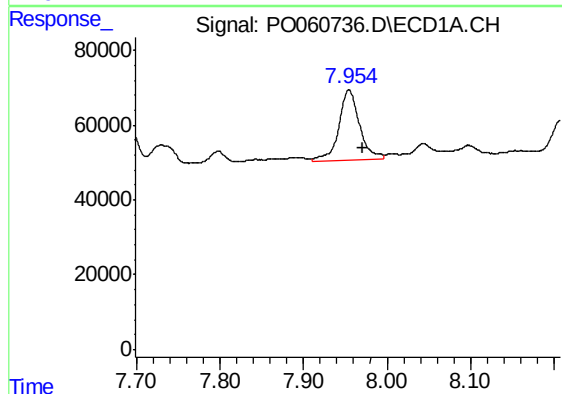
R.T.: 7.729 min
Delta R.T.: -0.016 min
Response: 120713
Conc: 48.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



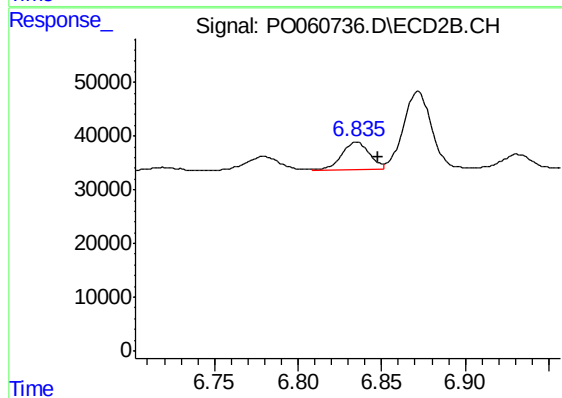
#33 AR-1260-3

R.T.: 6.369 min
Delta R.T.: -0.012 min
Response: 332578
Conc: 143.15 ng/ml



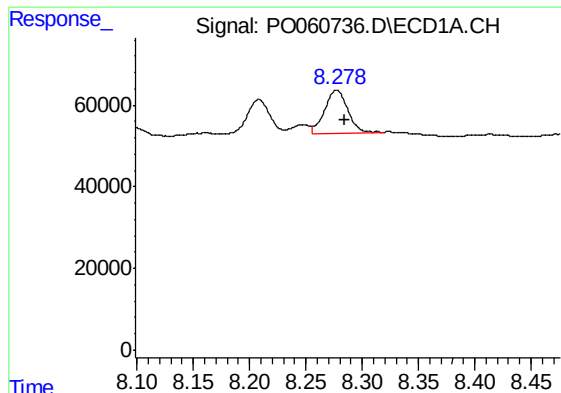
#34 AR-1260-4

R.T.: 7.954 min
Delta R.T.: -0.016 min
Response: 331786
Conc: 112.06 ng/ml



#34 AR-1260-4

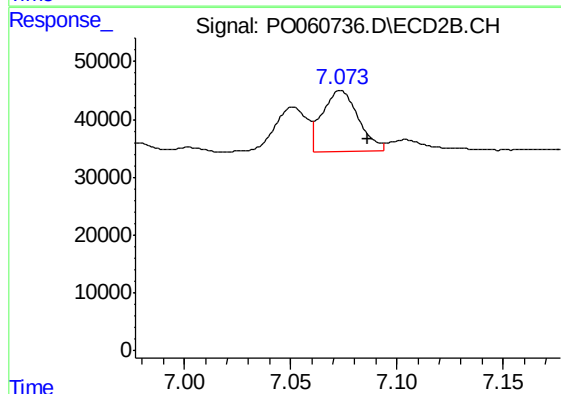
R.T.: 6.835 min
Delta R.T.: -0.013 min
Response: 60182
Conc: 29.63 ng/ml



#35 AR-1260-5

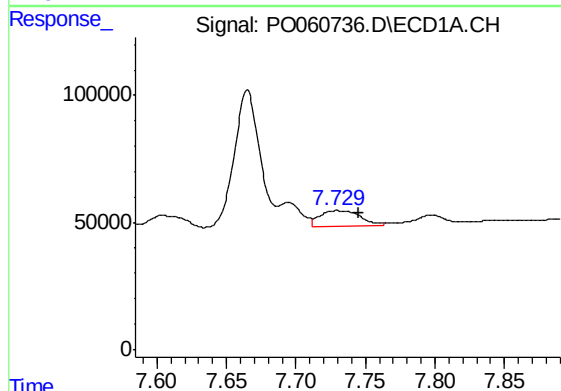
R.T.: 8.277 min
Delta R.T.: -0.007 min
Response: 150767
Conc: 26.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



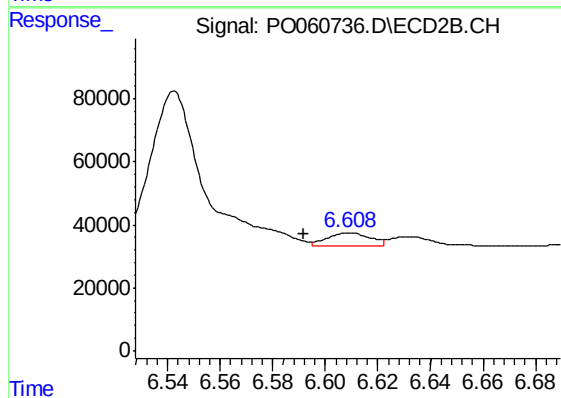
#35 AR-1260-5

R.T.: 7.073 min
Delta R.T.: -0.013 min
Response: 126520
Conc: 27.62 ng/ml



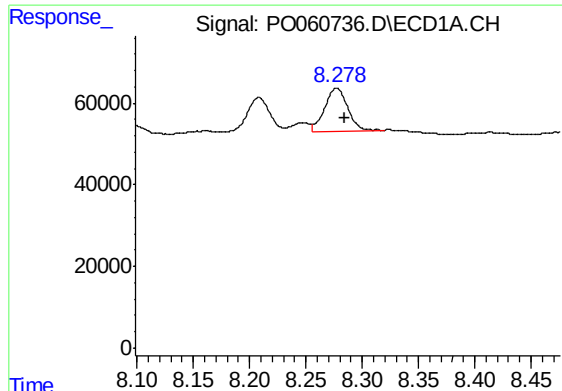
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: -0.016 min
Response: 120713
Conc: 35.94 ng/ml



#36 AR-1262-1

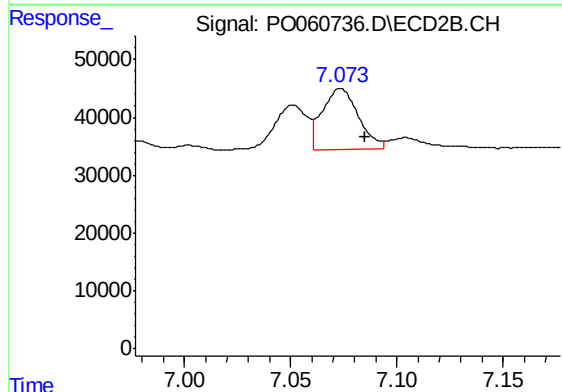
R.T.: 6.609 min
Delta R.T.: 0.017 min
Response: 48833
Conc: 18.37 ng/ml



#37 AR-1262-2

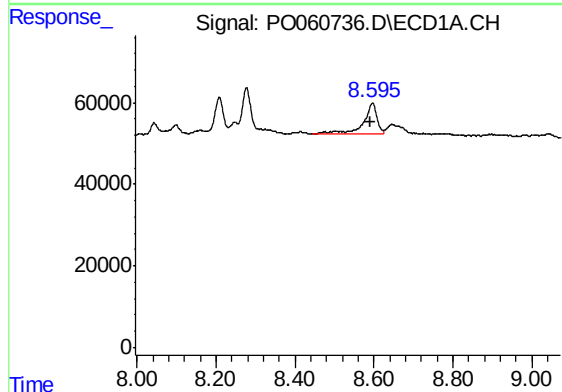
R.T.: 8.277 min
Delta R.T.: -0.007 min
Response: 150767
Conc: 25.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



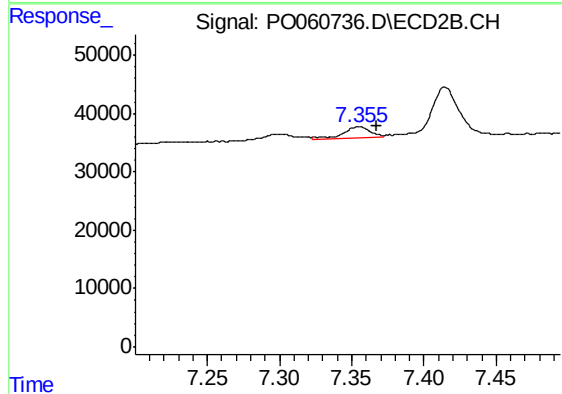
#37 AR-1262-2

R.T.: 7.073 min
Delta R.T.: -0.012 min
Response: 126520
Conc: 27.87 ng/ml



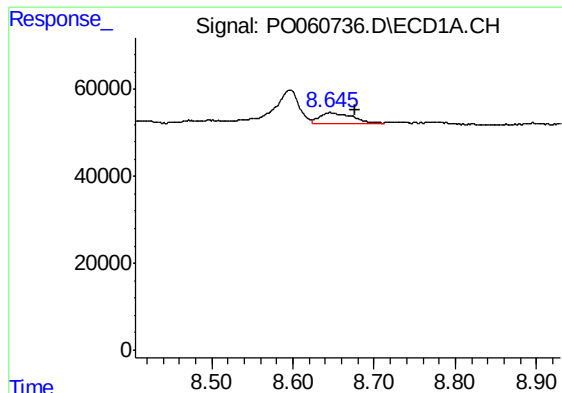
#38 AR-1262-3

R.T.: 8.596 min
Delta R.T.: 0.007 min
Response: 191416
Conc: 47.83 ng/ml



#38 AR-1262-3

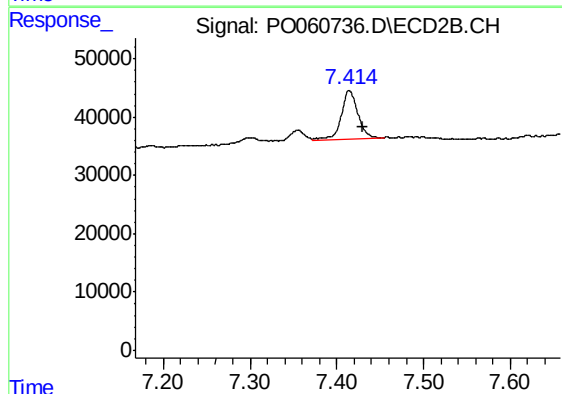
R.T.: 7.355 min
Delta R.T.: -0.012 min
Response: 25343
Conc: 13.37 ng/ml



#39 AR-1262-4

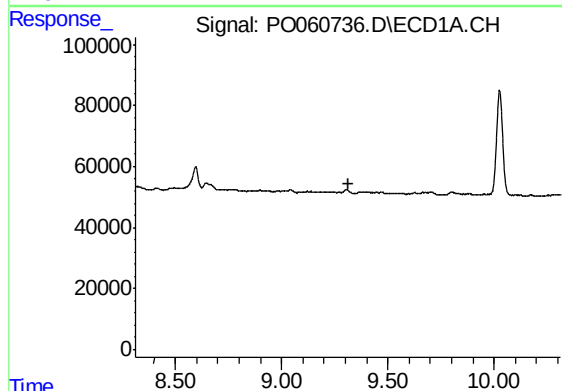
R.T.: 8.646 min
Delta R.T.: -0.030 min
Response: 65519
Conc: 21.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



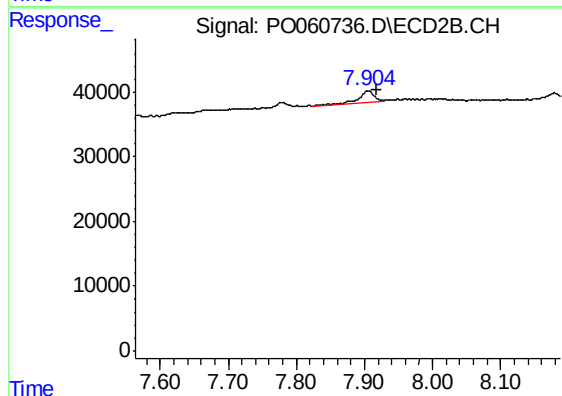
#39 AR-1262-4

R.T.: 7.414 min
Delta R.T.: -0.015 min
Response: 113449
Conc: 33.08 ng/ml



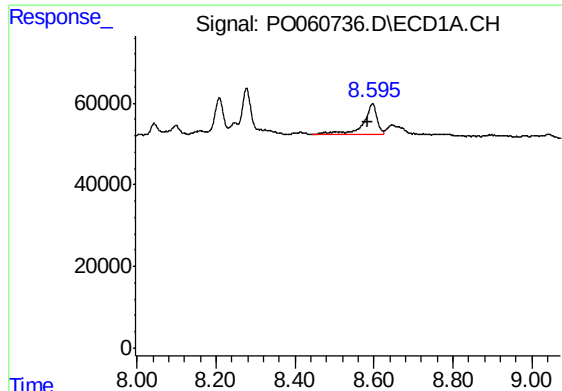
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.313 min
Response: 0
Conc: N.D.



#40 AR-1262-5

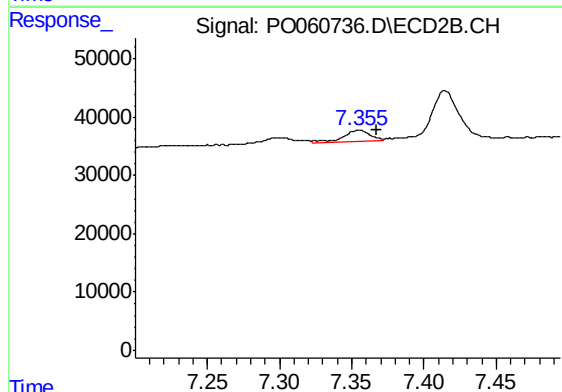
R.T.: 7.904 min
Delta R.T.: -0.013 min
Response: 26636
Conc: 17.04 ng/ml



#41 AR-1268-1

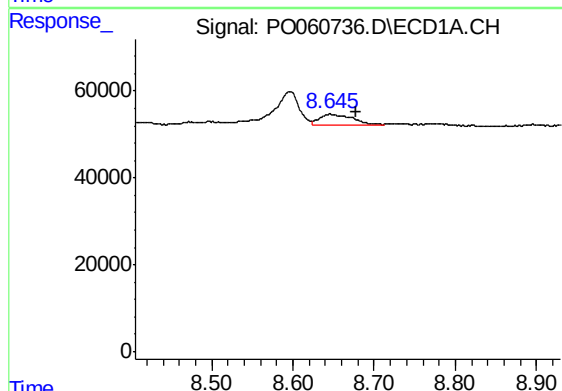
R.T.: 8.596 min
Delta R.T.: 0.011 min
Response: 191416
Conc: 27.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



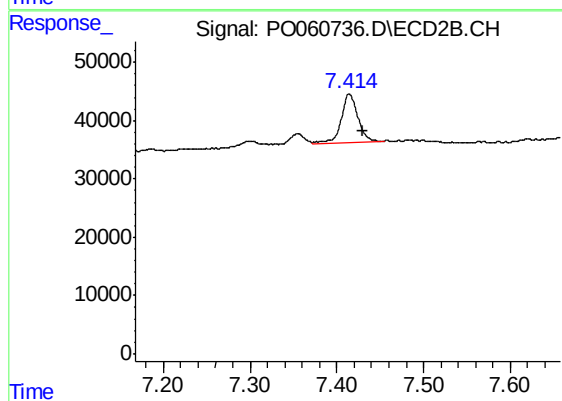
#41 AR-1268-1

R.T.: 7.355 min
Delta R.T.: -0.012 min
Response: 25343
Conc: 4.99 ng/ml



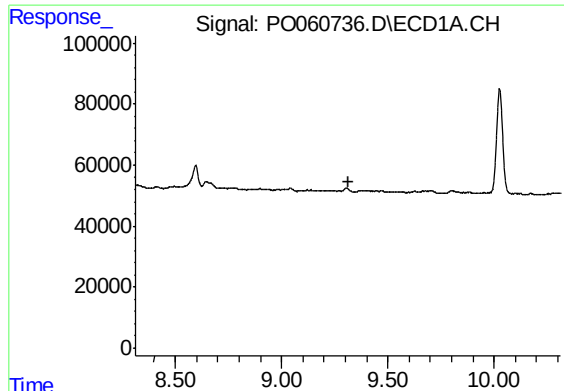
#42 AR-1268-2

R.T.: 8.646 min
Delta R.T.: -0.031 min
Response: 65519
Conc: 10.19 ng/ml



#42 AR-1268-2

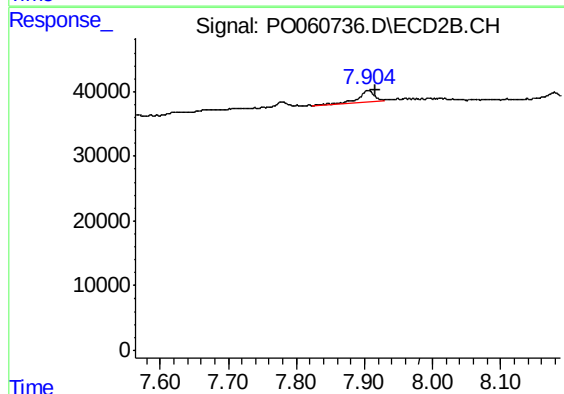
R.T.: 7.414 min
Delta R.T.: -0.016 min
Response: 113449
Conc: 24.42 ng/ml



#44 AR-1268-4

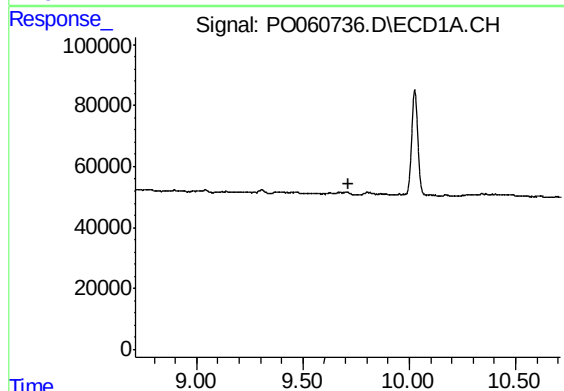
R.T.: 0.000 min
Exp R.T. : 9.313 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RI2-1-(24-30)



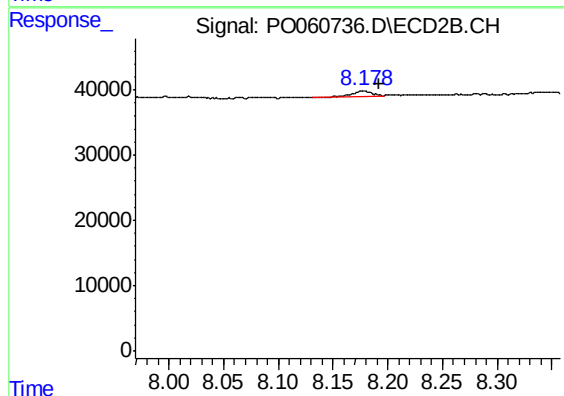
#44 AR-1268-4

R.T.: 7.904 min
Delta R.T.: -0.013 min
Response: 26636
Conc: 15.67 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.712 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.178 min
Delta R.T.: -0.014 min
Response: 9552
Conc: 0.85 ng/ml