

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101719\
 Data File : PO063014.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Oct 2019 20:48
 Operator : HP/AJ
 Sample : K5393-14MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 05:00:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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...	4.324	3.483	1221993	803754	19.758	18.744
2)	SA Decachlor...	9.959	8.339	1086134	572261	19.412	19.504
Target Compounds							
3)	L1 AR-1016-1	5.486	4.546	514471	875693	217.379	559.854 #
4)	L1 AR-1016-2	5.508	4.546	749456	875693	220.026	376.495 #
5)	L1 AR-1016-3	5.570	4.716	445092	269525	215.081	218.051
6)	L1 AR-1016-4	5.668	4.758	391553	234055	231.017	238.176
7)	L1 AR-1016-5	5.960	4.964	386133	267787	217.135	207.659
8)	L2 AR-1221-1	0.000	3.687	0	45696	N.D.	89.871 #
9)	L2 AR-1221-2	4.619	3.772	69760	48668	133.766	126.658
10)	L2 AR-1221-3	4.695	3.845	272170	181701	166.710	154.403
11)	L3 AR-1232-1	4.695	3.845	272170	181701	124.614	117.263
12)	L3 AR-1232-2	5.220	4.546	345216	875693	289.344	507.219 #
13)	L3 AR-1232-3	5.508	4.716	749456	269525	292.957	294.874
14)	L3 AR-1232-4	5.668	4.798	391553	250231	304.598	307.590
15)	L3 AR-1232-5	5.757	4.964	347737	267787	351.348	303.214
16)	L4 AR-1242-1	5.486	4.546	514471	875693	277.642	728.134 #
17)	L4 AR-1242-2	5.508	4.546	749456	875693	282.525	491.618 #
18)	L4 AR-1242-3	5.570	4.716	445092	269525	272.540	283.104
19)	L4 AR-1242-4	5.668	4.798	391553	250231	290.048	265.065
20)	L4 AR-1242-5	6.403	5.305	180644	397676	118.188	333.265 #
21)	L5 AR-1248-1	5.486	4.546	514471	875693	358.956	891.971 #
22)	L5 AR-1248-2	5.757	4.758	347737	234055	173.682	184.747
23)	L5 AR-1248-3	5.960	4.798	386133	250231	174.833	188.505
24)	L5 AR-1248-4	6.362	4.964	97067	267787	37.996	169.232 #
25)	L5 AR-1248-5	6.403	5.344	180644	37701	73.879	24.497 #
26)	L6 AR-1254-1	6.335	5.305	564051	397676	211.602	162.596
27)	L6 AR-1254-2	6.552	5.450	531854	261502	130.086	123.474
28)	L6 AR-1254-3	6.917	5.845	511524	713310	122.255	218.931 #
29)	L6 AR-1254-4	7.201	6.067	186902	61329	62.025	31.753 #
30)	L6 AR-1254-5	7.619	6.476	1278080	750941	407.824	284.318 #
31)	L7 AR-1260-1	7.080	5.970	967650	612349	339.869	288.200
32)	L7 AR-1260-2	7.335	6.155	1008811	638823	294.066	251.741
33)	L7 AR-1260-3	7.693	6.304	668475	604199	252.625	267.569
34)	L7 AR-1260-4	7.918	6.768	762619	398831	272.651	227.144
35)	L7 AR-1260-5	8.230	7.009	1296754	846975	247.680	235.112
36)	L8 AR-1262-1	7.693	6.566	668475	228060	162.849	191.363
37)	L8 AR-1262-2	8.230	7.009	1296754	846975	201.108	201.574
38)	L8 AR-1262-3	8.545	7.286	837231	182176	190.394	103.579 #
39)	L8 AR-1262-4	8.617	7.348	364914	612352	105.620	200.304 #
40)	L8 AR-1262-5	9.247	7.839	307483	196605	136.134	150.538
41)	L9 AR-1268-1	8.545	7.286	837231	182176	110.599	38.902 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101719\
 Data File : P0063014.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Oct 2019 20:48
 Operator : HP/AJ
 Sample : K5393-14MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

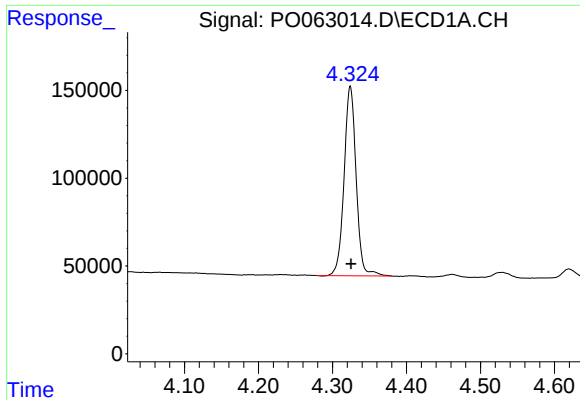
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 05:00:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
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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	8.617	7.348	364914	612352	51.946	146.574 #
44) L9	AR-1268-4	9.247	7.839	307483	196605	129.412	137.981
45) L9	AR-1268-5	9.639	8.108	126261	67454	7.005	7.286

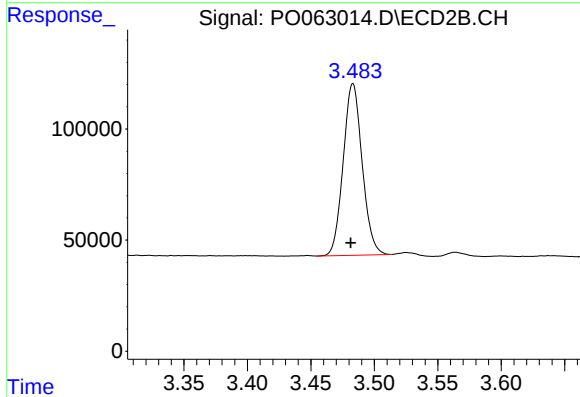
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

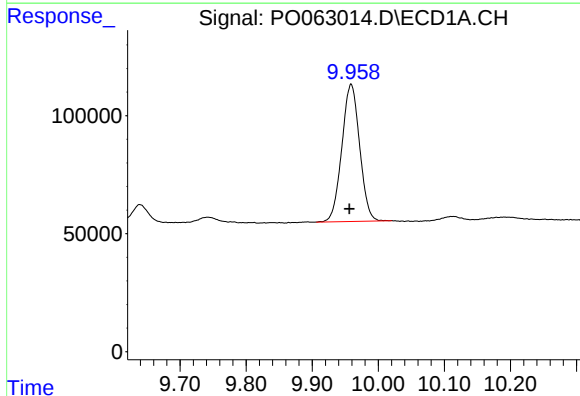
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 1221993
Conc: 19.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



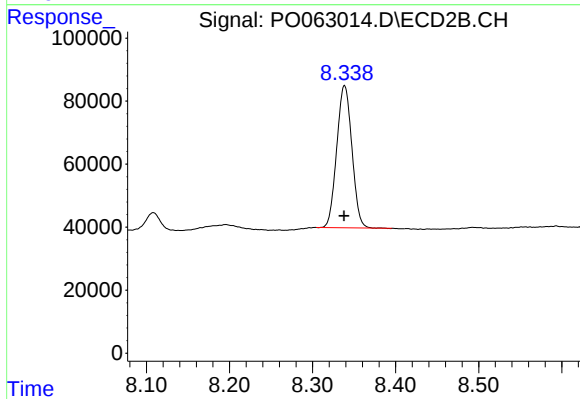
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: 0.002 min
Response: 803754
Conc: 18.74 ng/ml



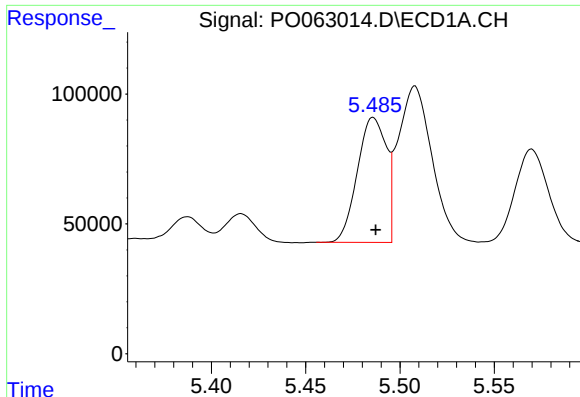
#2 Decachlorobiphenyl

R.T.: 9.959 min
Delta R.T.: 0.002 min
Response: 1086134
Conc: 19.41 ng/ml



#2 Decachlorobiphenyl

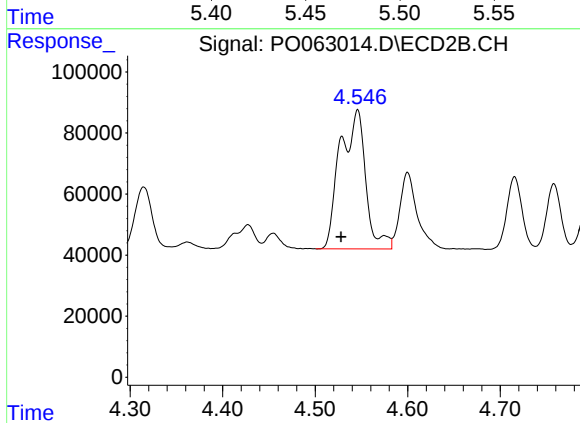
R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 572261
Conc: 19.50 ng/ml



#3 AR-1016-1

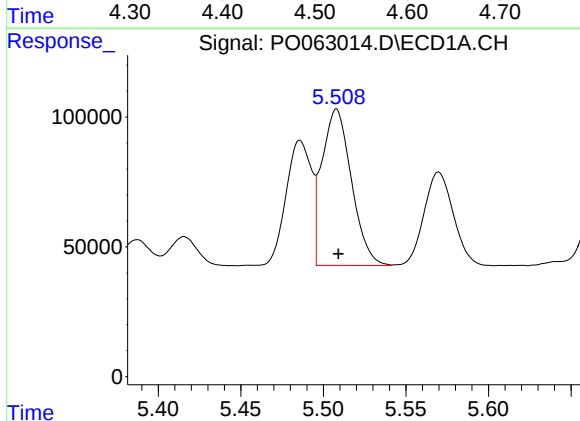
R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 514471
Conc: 217.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



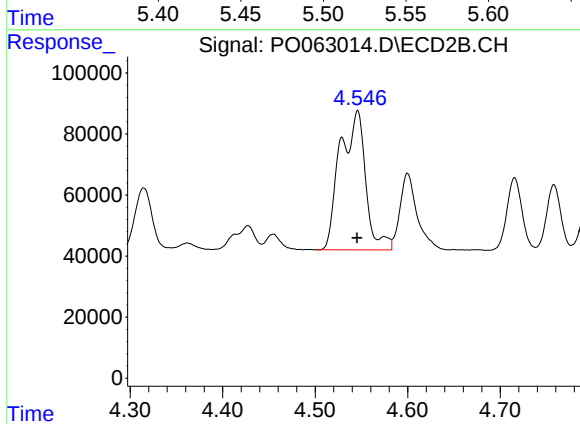
#3 AR-1016-1

R.T.: 4.546 min
Delta R.T.: 0.018 min
Response: 875693
Conc: 559.85 ng/ml



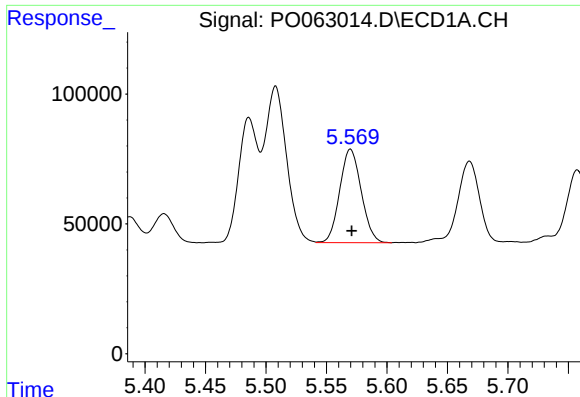
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 749456
Conc: 220.03 ng/ml



#4 AR-1016-2

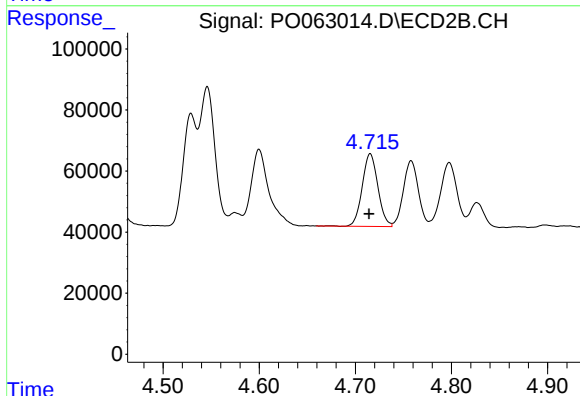
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 875693
Conc: 376.49 ng/ml



#5 AR-1016-3

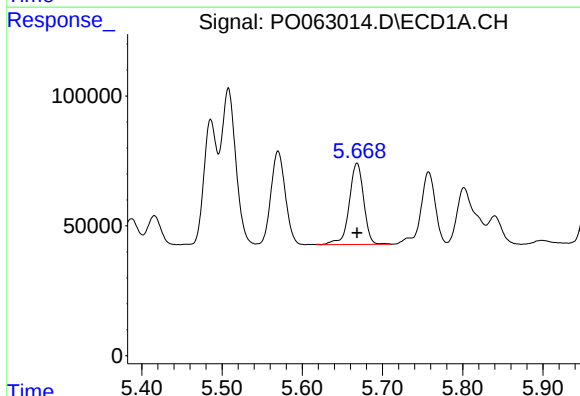
R.T.: 5.570 min
Delta R.T.: -0.001 min
Response: 445092
Conc: 215.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



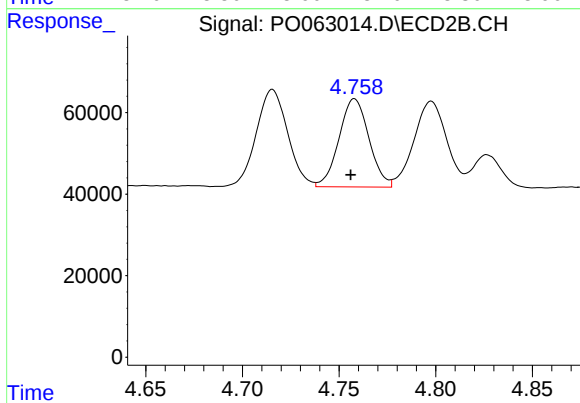
#5 AR-1016-3

R.T.: 4.716 min
Delta R.T.: 0.001 min
Response: 269525
Conc: 218.05 ng/ml



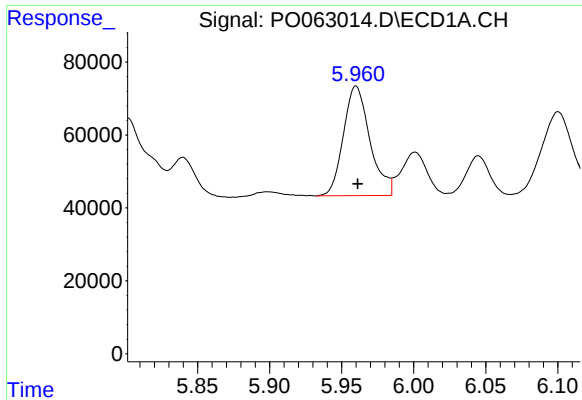
#6 AR-1016-4

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 391553
Conc: 231.02 ng/ml



#6 AR-1016-4

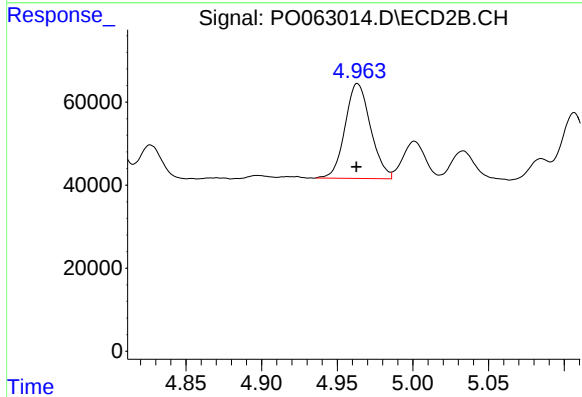
R.T.: 4.758 min
Delta R.T.: 0.002 min
Response: 234055
Conc: 238.18 ng/ml



#7 AR-1016-5

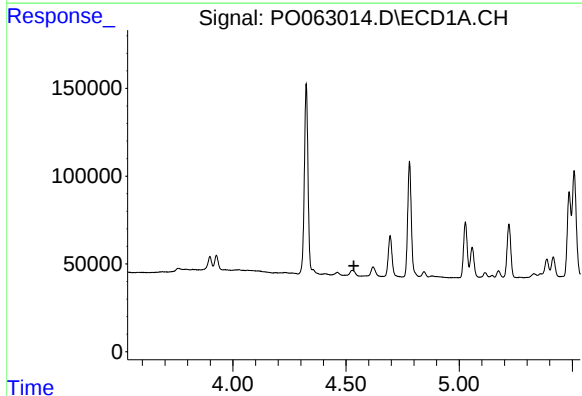
R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 386133
Conc: 217.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



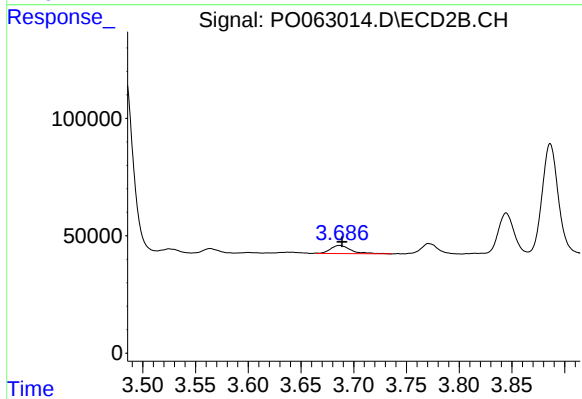
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 267787
Conc: 207.66 ng/ml



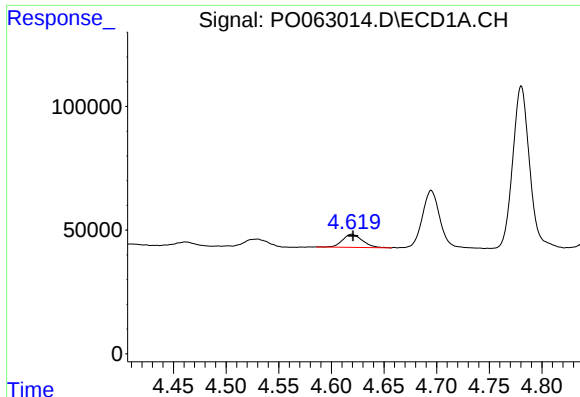
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.535 min
Response: 0
Conc: N.D.



#8 AR-1221-1

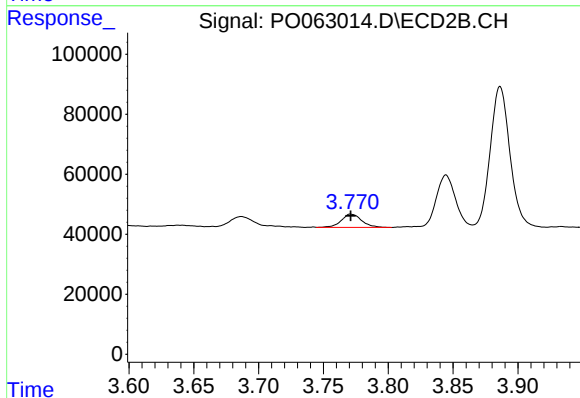
R.T.: 3.687 min
Delta R.T.: -0.002 min
Response: 45696
Conc: 89.87 ng/ml



#9 AR-1221-2

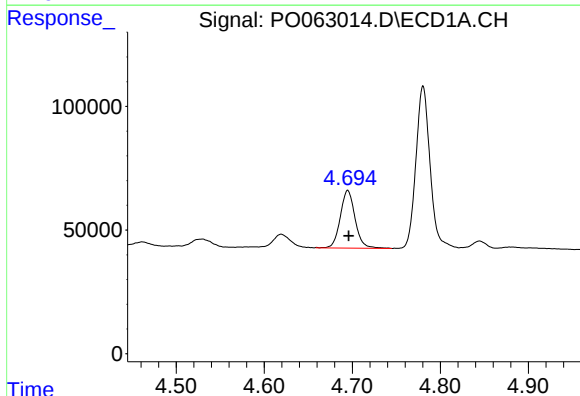
R.T.: 4.619 min
Delta R.T.: -0.001 min
Response: 69760
Conc: 133.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



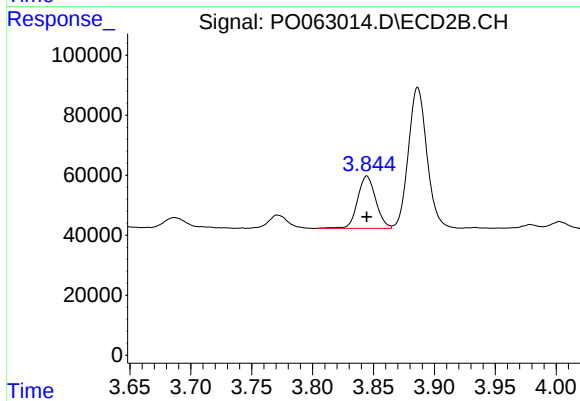
#9 AR-1221-2

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 48668
Conc: 126.66 ng/ml



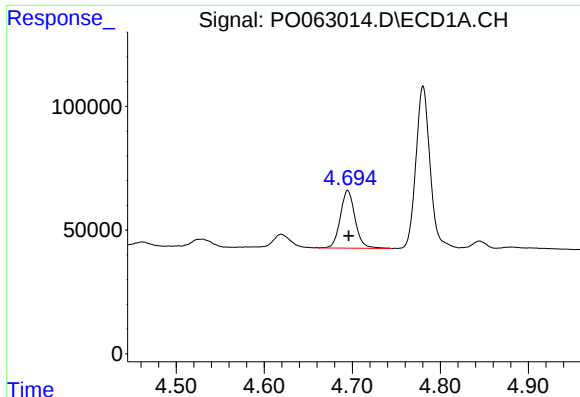
#10 AR-1221-3

R.T.: 4.695 min
Delta R.T.: -0.001 min
Response: 272170
Conc: 166.71 ng/ml



#10 AR-1221-3

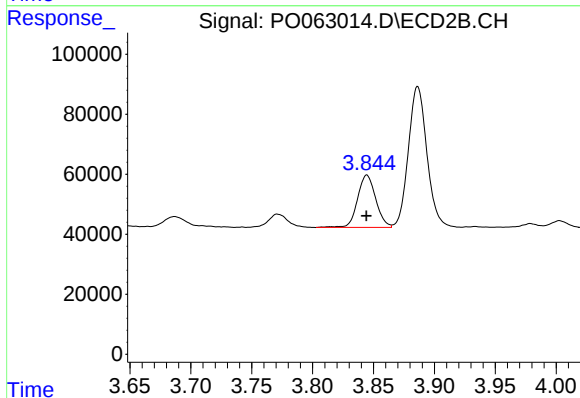
R.T.: 3.845 min
Delta R.T.: 0.000 min
Response: 181701
Conc: 154.40 ng/ml



#11 AR-1232-1

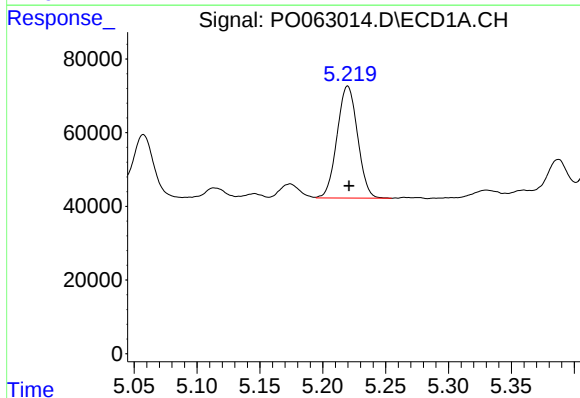
R.T.: 4.695 min
Delta R.T.: -0.001 min
Response: 272170
Conc: 124.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



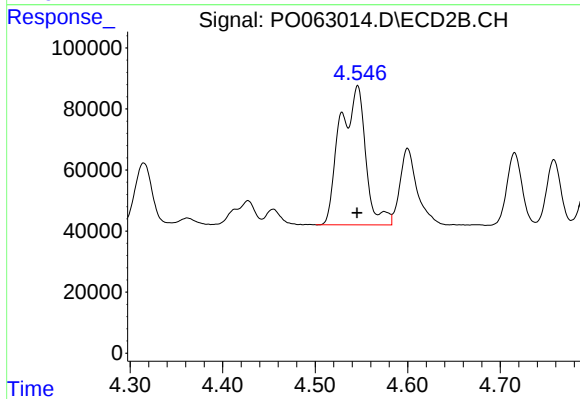
#11 AR-1232-1

R.T.: 3.845 min
Delta R.T.: 0.000 min
Response: 181701
Conc: 117.26 ng/ml



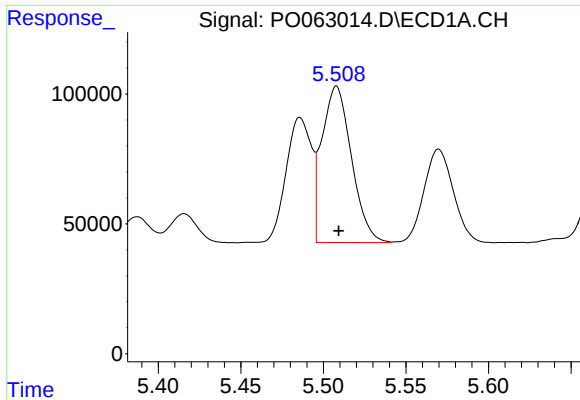
#12 AR-1232-2

R.T.: 5.220 min
Delta R.T.: -0.001 min
Response: 345216
Conc: 289.34 ng/ml



#12 AR-1232-2

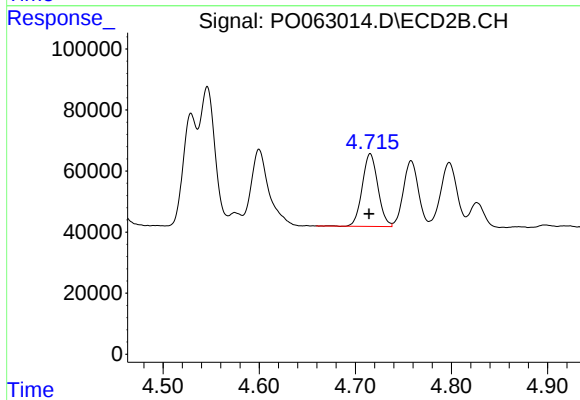
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 875693
Conc: 507.22 ng/ml



#13 AR-1232-3

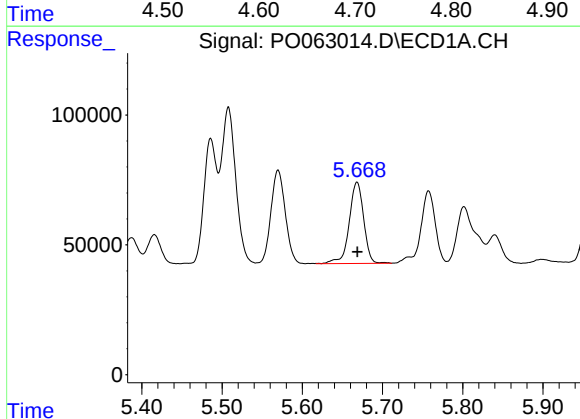
R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 749456
Conc: 292.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



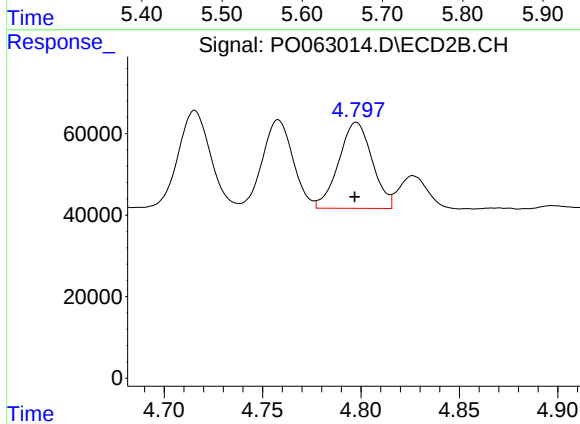
#13 AR-1232-3

R.T.: 4.716 min
Delta R.T.: 0.001 min
Response: 269525
Conc: 294.87 ng/ml



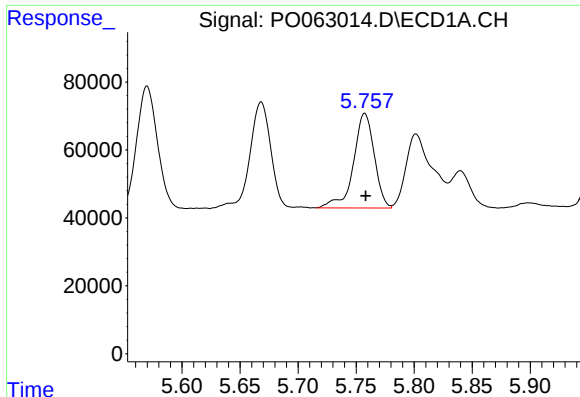
#14 AR-1232-4

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 391553
Conc: 304.60 ng/ml



#14 AR-1232-4

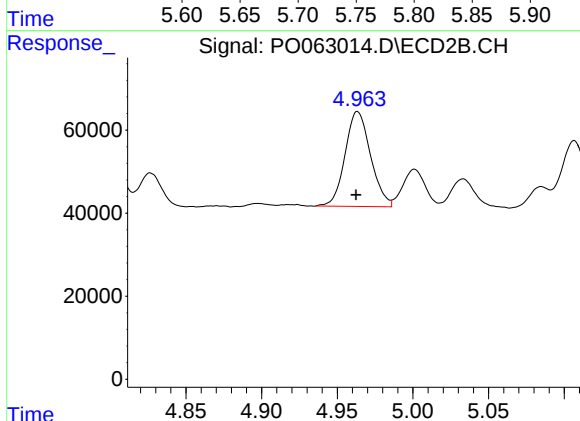
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 250231
Conc: 307.59 ng/ml



#15 AR-1232-5

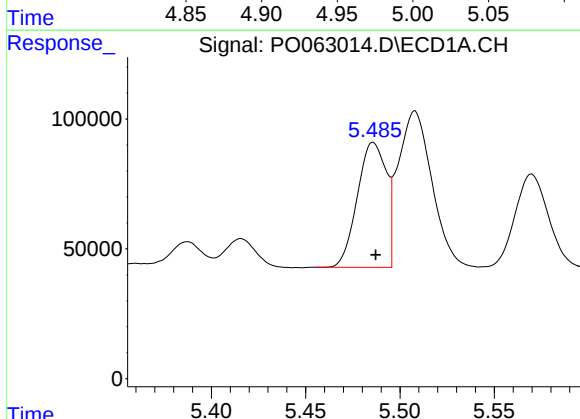
R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 347737
Conc: 351.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



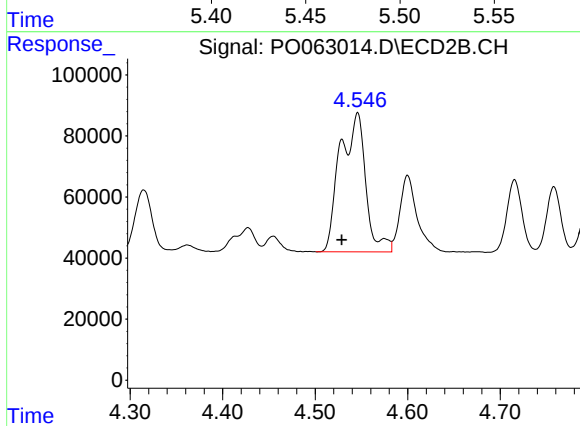
#15 AR-1232-5

R.T.: 4.964 min
Delta R.T.: 0.001 min
Response: 267787
Conc: 303.21 ng/ml



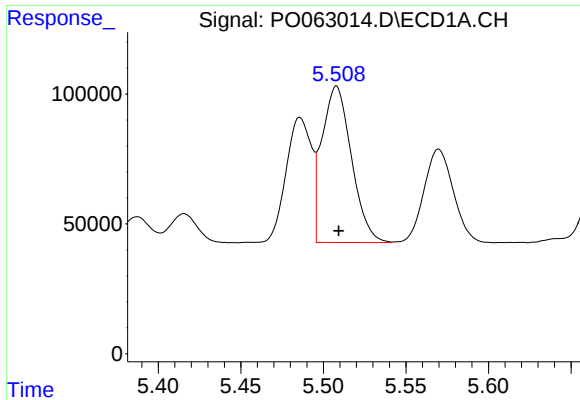
#16 AR-1242-1

R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 514471
Conc: 277.64 ng/ml



#16 AR-1242-1

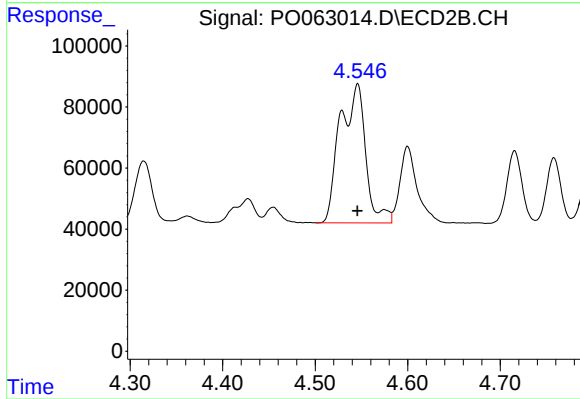
R.T.: 4.546 min
Delta R.T.: 0.017 min
Response: 875693
Conc: 728.13 ng/ml



#17 AR-1242-2

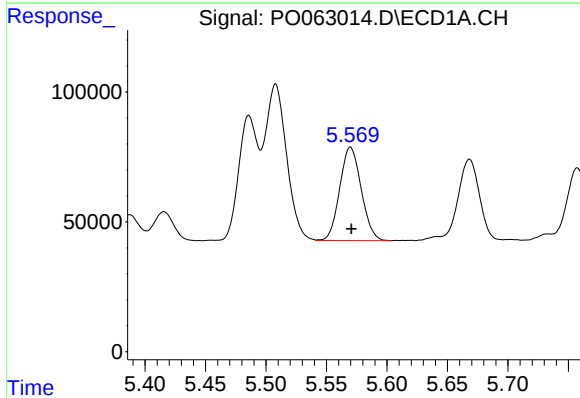
R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 749456
Conc: 282.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



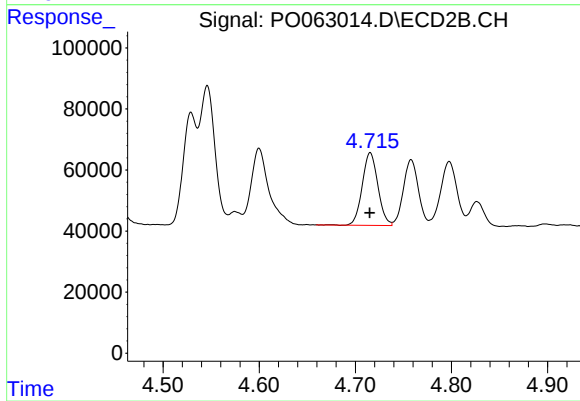
#17 AR-1242-2

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 875693
Conc: 491.62 ng/ml



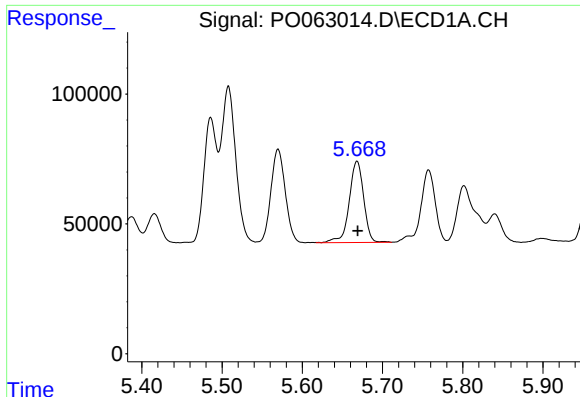
#18 AR-1242-3

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 445092
Conc: 272.54 ng/ml



#18 AR-1242-3

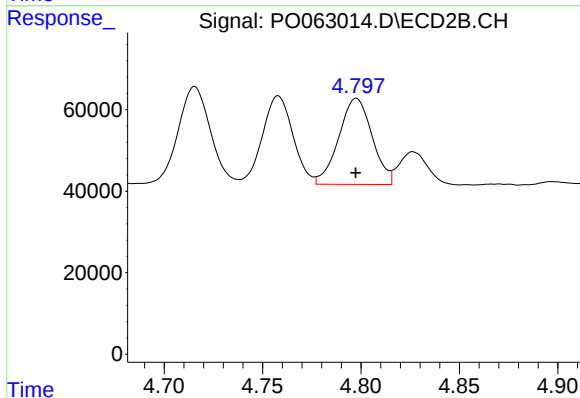
R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 269525
Conc: 283.10 ng/ml



#19 AR-1242-4

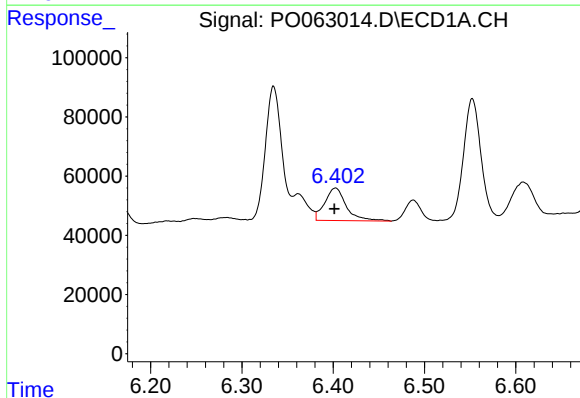
R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 391553
Conc: 290.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



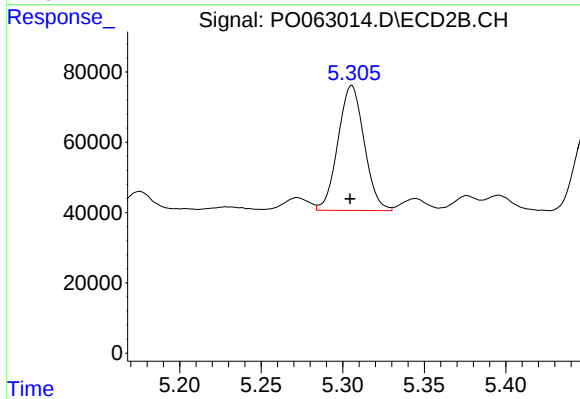
#19 AR-1242-4

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 250231
Conc: 265.07 ng/ml



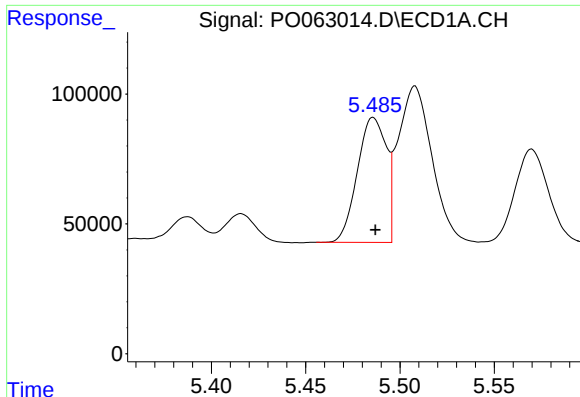
#20 AR-1242-5

R.T.: 6.403 min
Delta R.T.: 0.001 min
Response: 180644
Conc: 118.19 ng/ml



#20 AR-1242-5

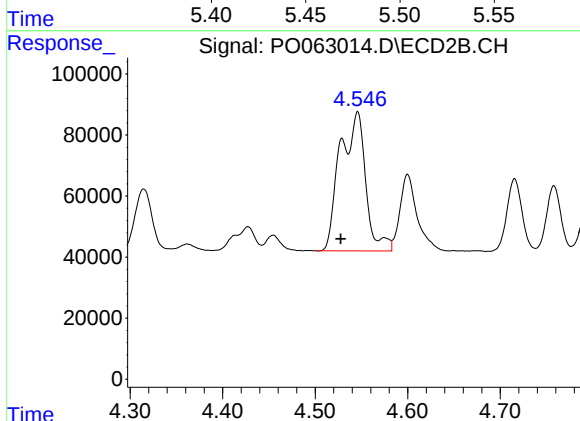
R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 397676
Conc: 333.26 ng/ml



#21 AR-1248-1

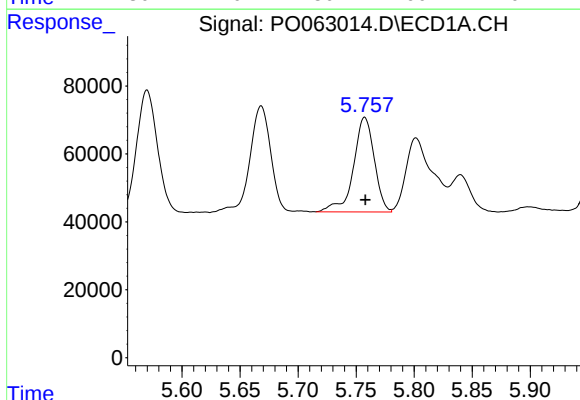
R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 514471
Conc: 358.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



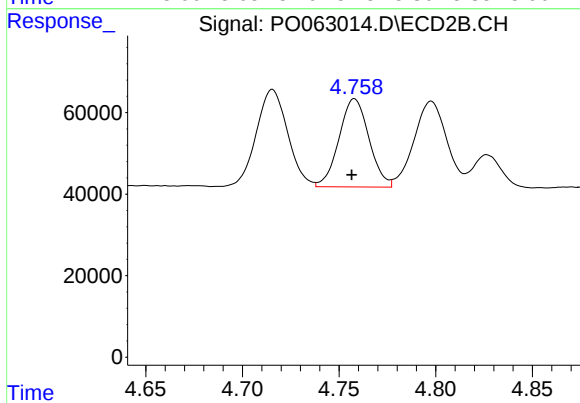
#21 AR-1248-1

R.T.: 4.546 min
Delta R.T.: 0.018 min
Response: 875693
Conc: 891.97 ng/ml



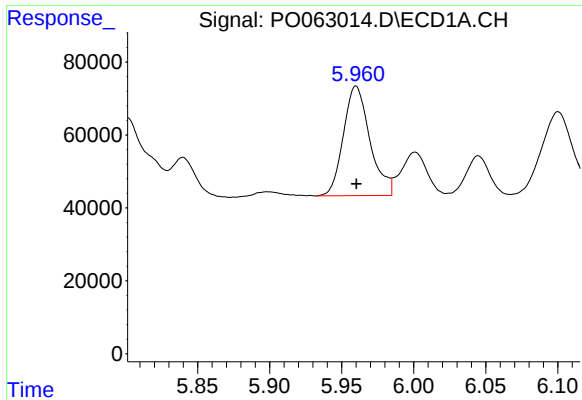
#22 AR-1248-2

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 347737
Conc: 173.68 ng/ml



#22 AR-1248-2

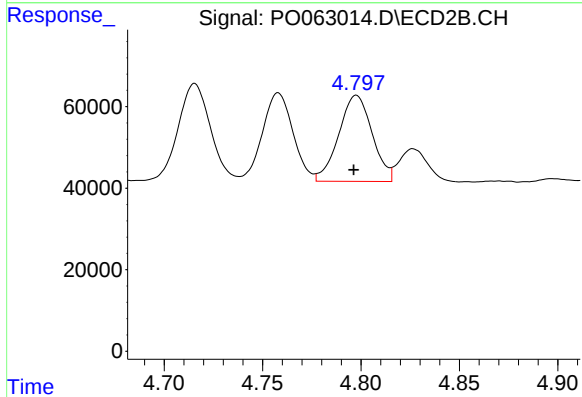
R.T.: 4.758 min
Delta R.T.: 0.001 min
Response: 234055
Conc: 184.75 ng/ml



#23 AR-1248-3

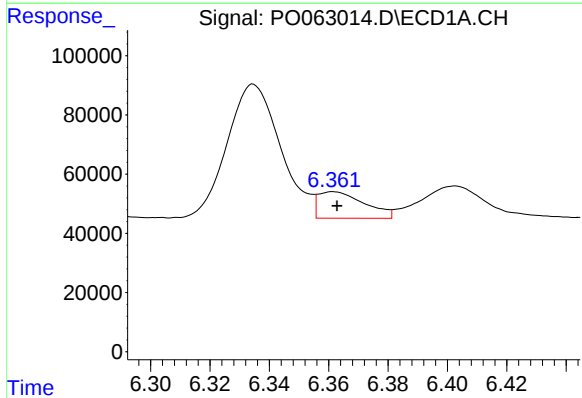
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 386133
Conc: 174.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



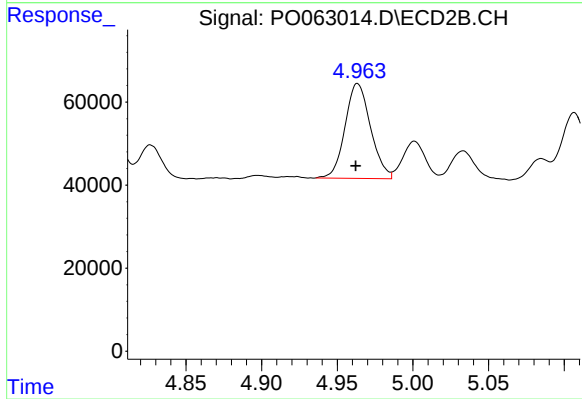
#23 AR-1248-3

R.T.: 4.798 min
Delta R.T.: 0.001 min
Response: 250231
Conc: 188.51 ng/ml



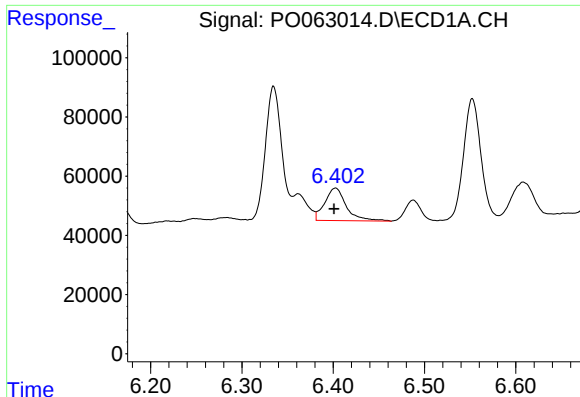
#24 AR-1248-4

R.T.: 6.362 min
Delta R.T.: -0.001 min
Response: 97067
Conc: 38.00 ng/ml



#24 AR-1248-4

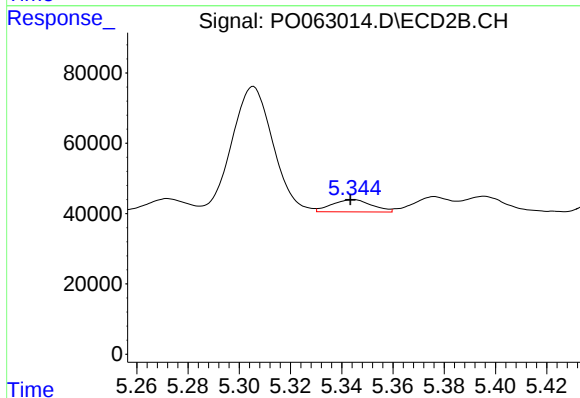
R.T.: 4.964 min
Delta R.T.: 0.001 min
Response: 267787
Conc: 169.23 ng/ml



#25 AR-1248-5

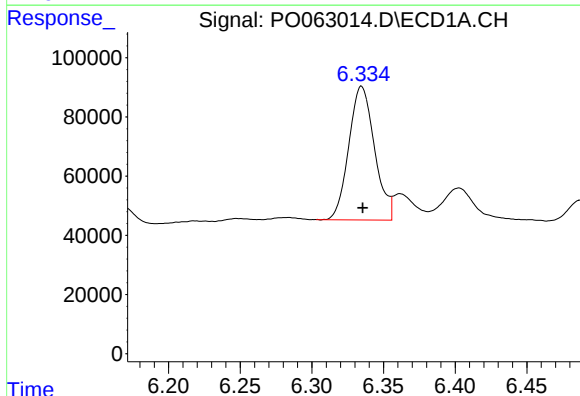
R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 180644
Conc: 73.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



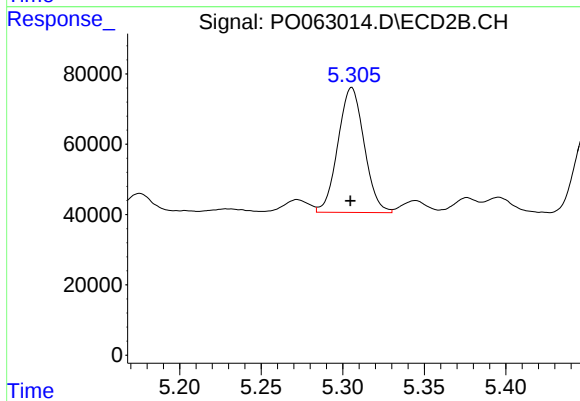
#25 AR-1248-5

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 37701
Conc: 24.50 ng/ml



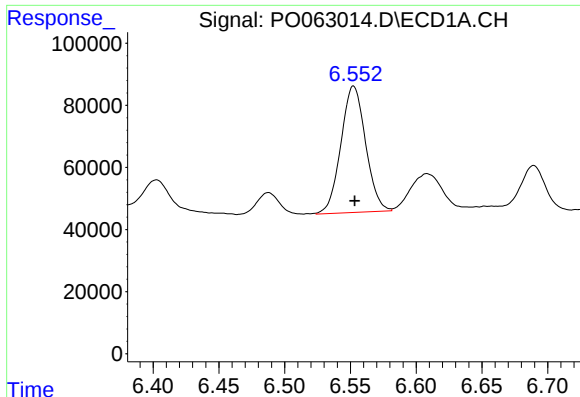
#26 AR-1254-1

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 564051
Conc: 211.60 ng/ml



#26 AR-1254-1

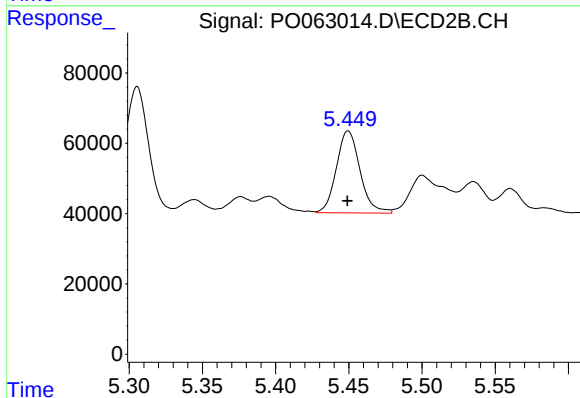
R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 397676
Conc: 162.60 ng/ml



#27 AR-1254-2

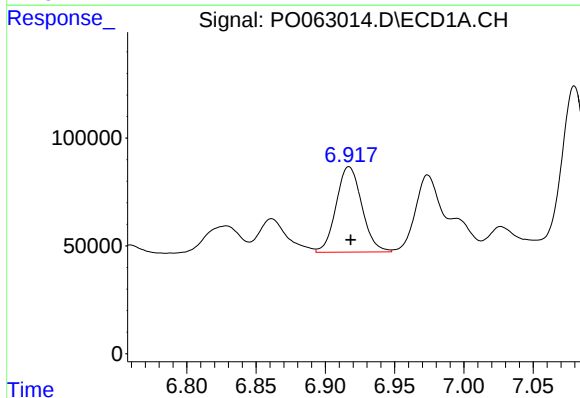
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 531854
Conc: 130.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



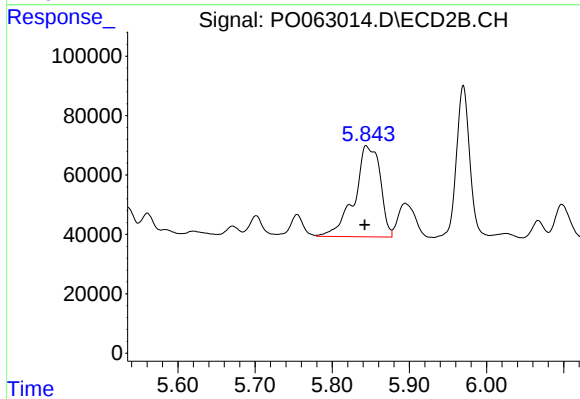
#27 AR-1254-2

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 261502
Conc: 123.47 ng/ml



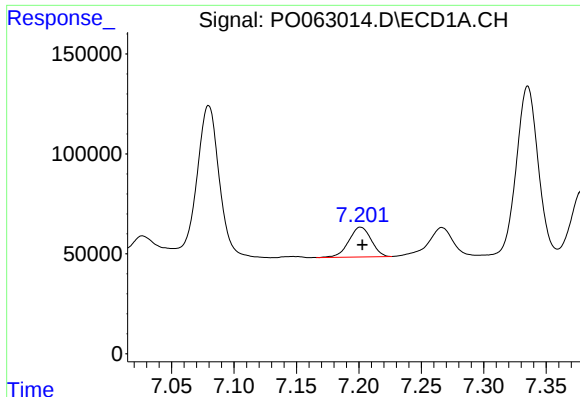
#28 AR-1254-3

R.T.: 6.917 min
Delta R.T.: -0.001 min
Response: 511524
Conc: 122.25 ng/ml



#28 AR-1254-3

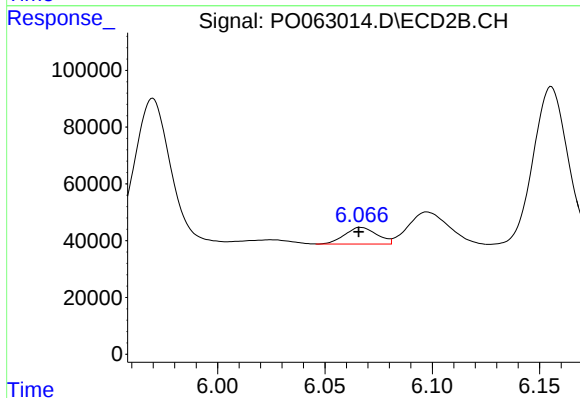
R.T.: 5.845 min
Delta R.T.: 0.003 min
Response: 713310
Conc: 218.93 ng/ml



#29 AR-1254-4

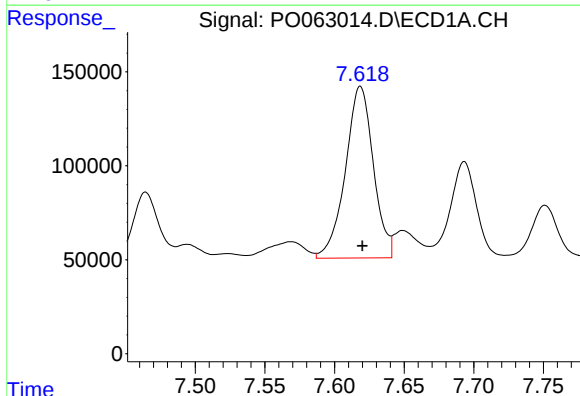
R.T.: 7.201 min
Delta R.T.: -0.001 min
Response: 186902
Conc: 62.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



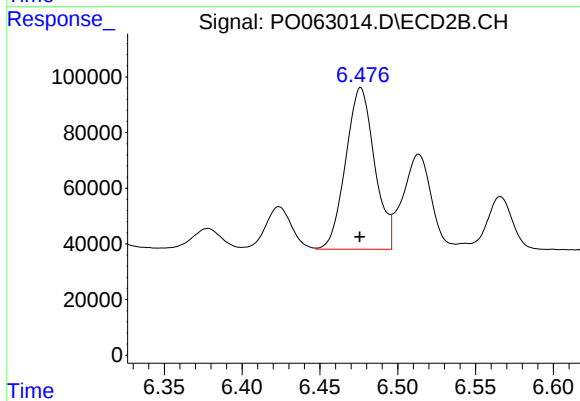
#29 AR-1254-4

R.T.: 6.067 min
Delta R.T.: 0.001 min
Response: 61329
Conc: 31.75 ng/ml



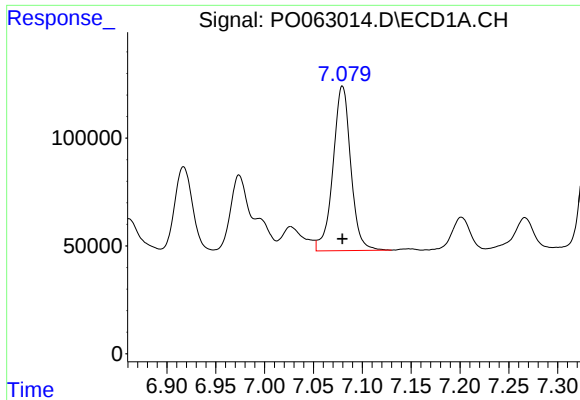
#30 AR-1254-5

R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 1278080
Conc: 407.82 ng/ml



#30 AR-1254-5

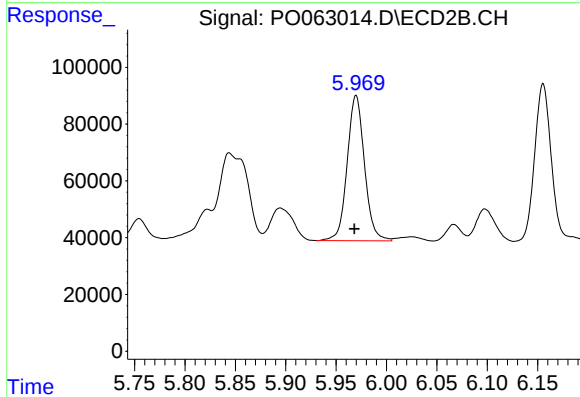
R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 750941
Conc: 284.32 ng/ml



#31 AR-1260-1

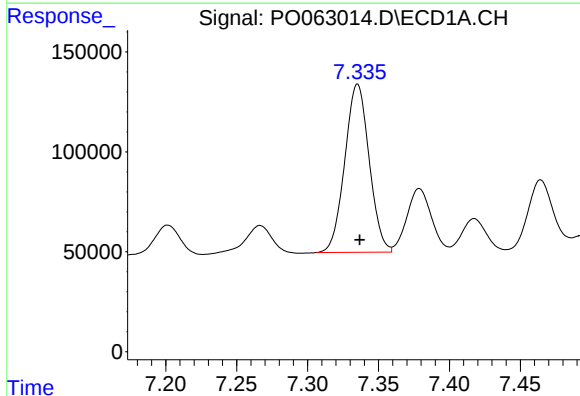
R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 967650
Conc: 339.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



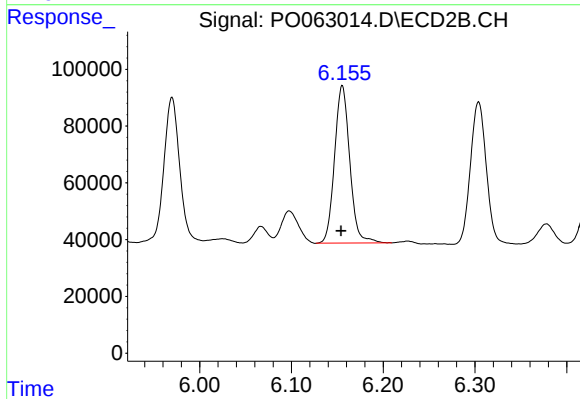
#31 AR-1260-1

R.T.: 5.970 min
Delta R.T.: 0.002 min
Response: 612349
Conc: 288.20 ng/ml



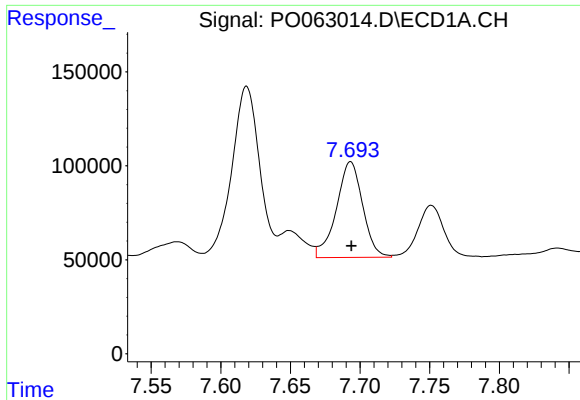
#32 AR-1260-2

R.T.: 7.335 min
Delta R.T.: -0.001 min
Response: 1008811
Conc: 294.07 ng/ml



#32 AR-1260-2

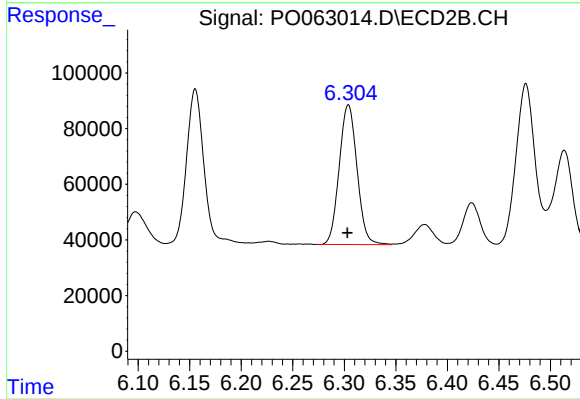
R.T.: 6.155 min
Delta R.T.: 0.002 min
Response: 638823
Conc: 251.74 ng/ml



#33 AR-1260-3

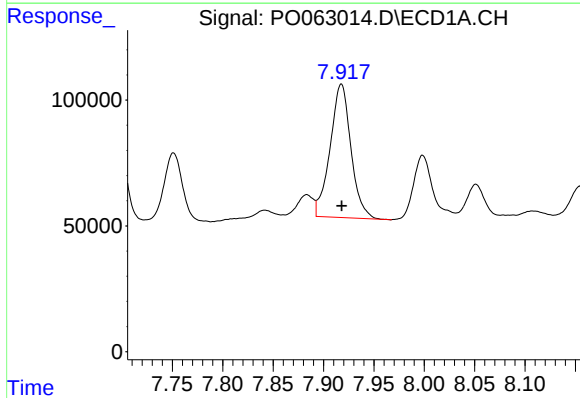
R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 668475
Conc: 252.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



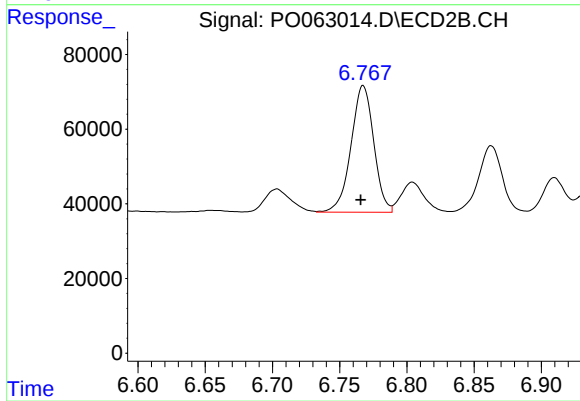
#33 AR-1260-3

R.T.: 6.304 min
Delta R.T.: 0.001 min
Response: 604199
Conc: 267.57 ng/ml



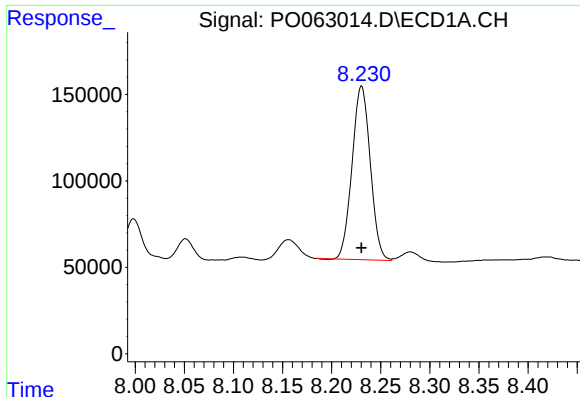
#34 AR-1260-4

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 762619
Conc: 272.65 ng/ml



#34 AR-1260-4

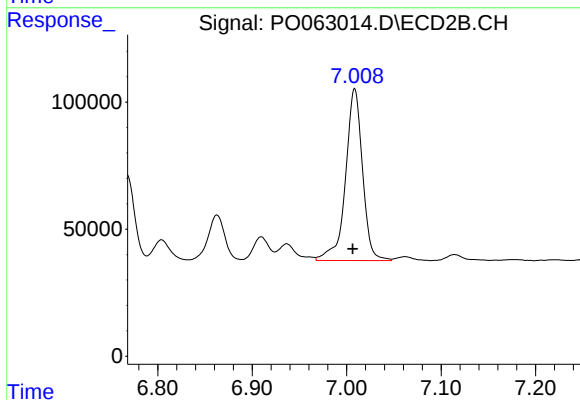
R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 398831
Conc: 227.14 ng/ml



#35 AR-1260-5

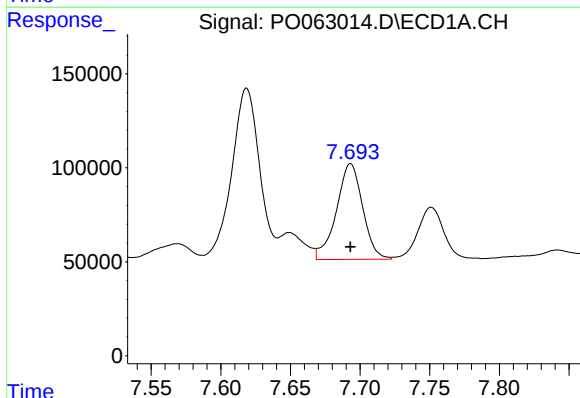
R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 1296754
Conc: 247.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



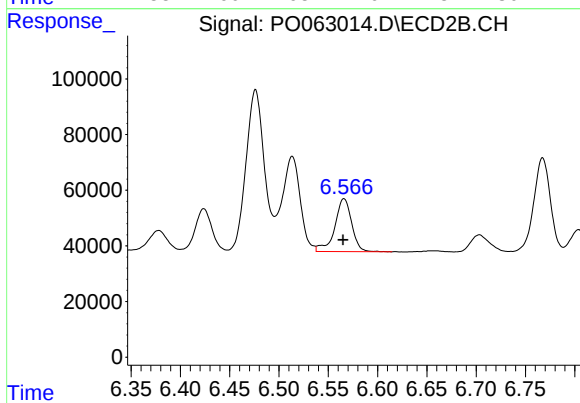
#35 AR-1260-5

R.T.: 7.009 min
Delta R.T.: 0.002 min
Response: 846975
Conc: 235.11 ng/ml



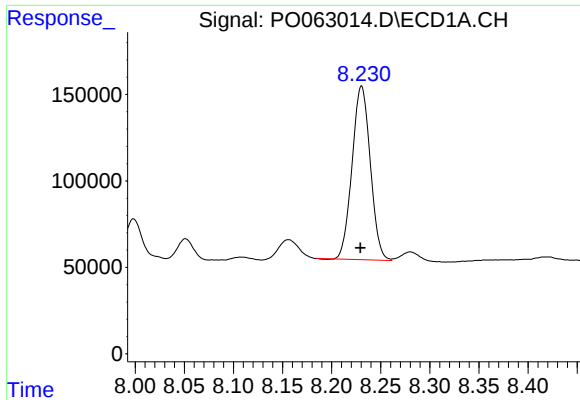
#36 AR-1262-1

R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 668475
Conc: 162.85 ng/ml



#36 AR-1262-1

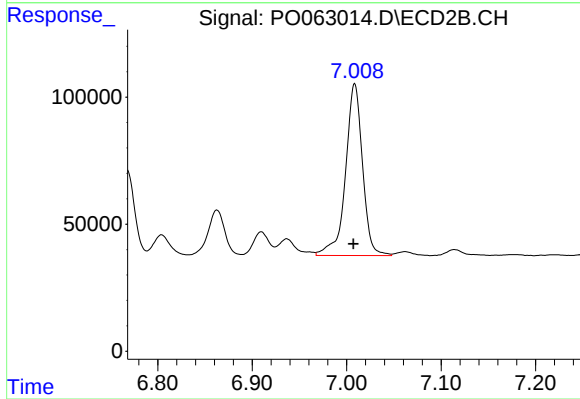
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 228060
Conc: 191.36 ng/ml



#37 AR-1262-2

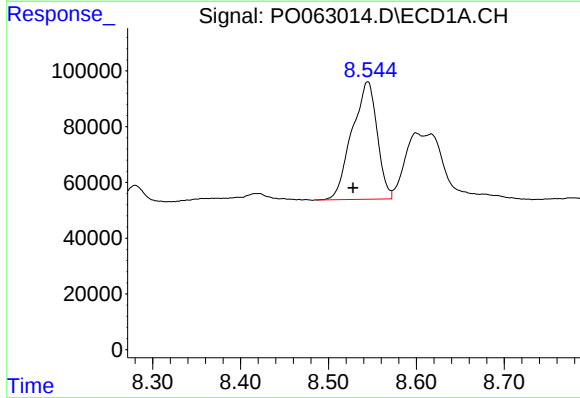
R.T.: 8.230 min
Delta R.T.: 0.001 min
Response: 1296754
Conc: 201.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



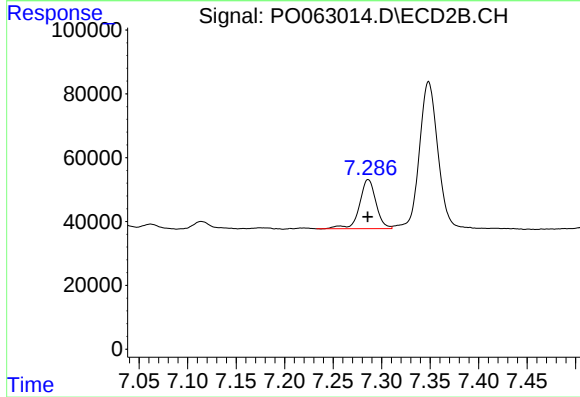
#37 AR-1262-2

R.T.: 7.009 min
Delta R.T.: 0.001 min
Response: 846975
Conc: 201.57 ng/ml



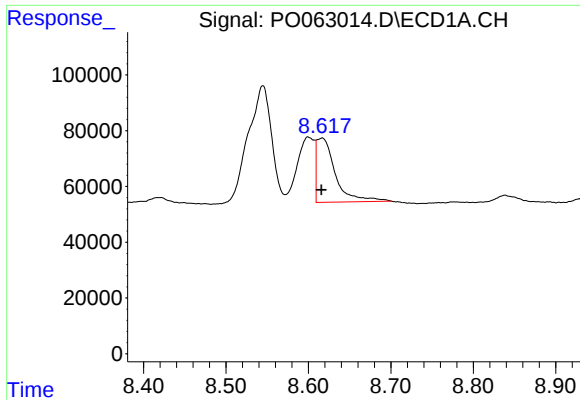
#38 AR-1262-3

R.T.: 8.545 min
Delta R.T.: 0.017 min
Response: 837231
Conc: 190.39 ng/ml



#38 AR-1262-3

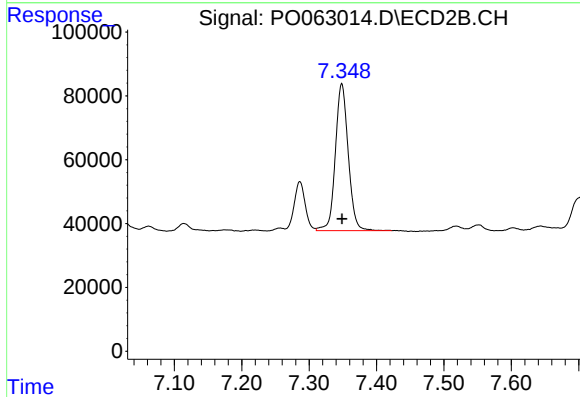
R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 182176
Conc: 103.58 ng/ml



#39 AR-1262-4

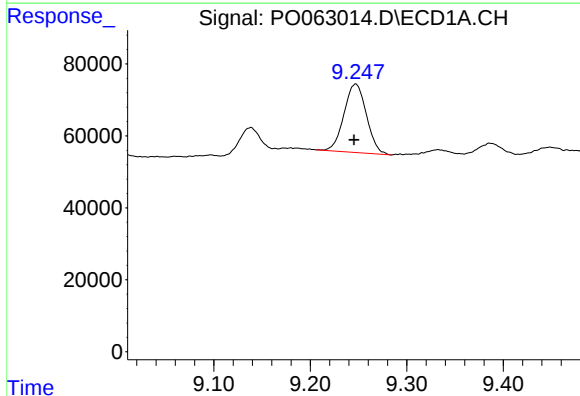
R.T.: 8.617 min
Delta R.T.: 0.000 min
Response: 364914
Conc: 105.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



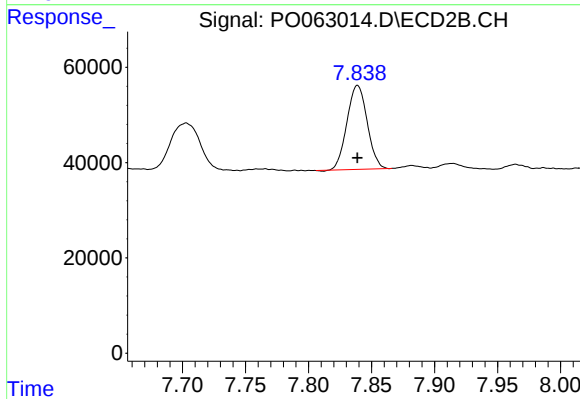
#39 AR-1262-4

R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 612352
Conc: 200.30 ng/ml



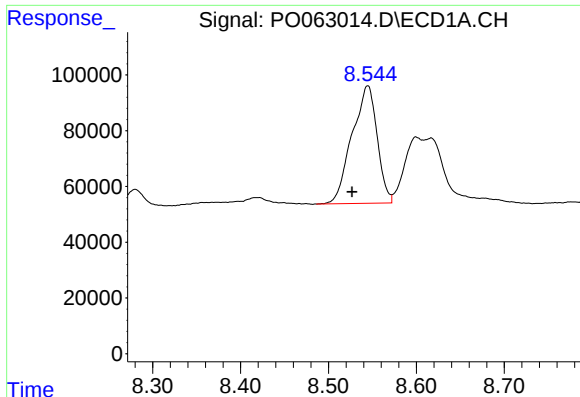
#40 AR-1262-5

R.T.: 9.247 min
Delta R.T.: 0.002 min
Response: 307483
Conc: 136.13 ng/ml



#40 AR-1262-5

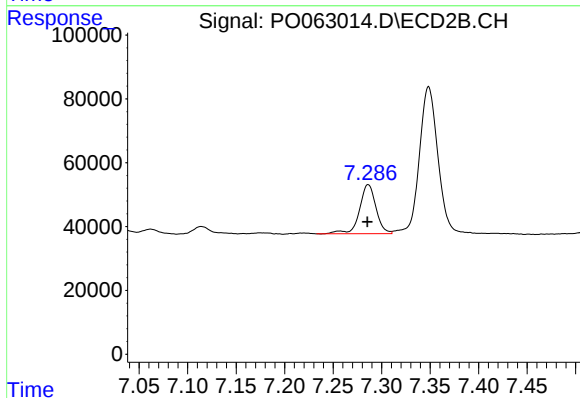
R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 196605
Conc: 150.54 ng/ml



#41 AR-1268-1

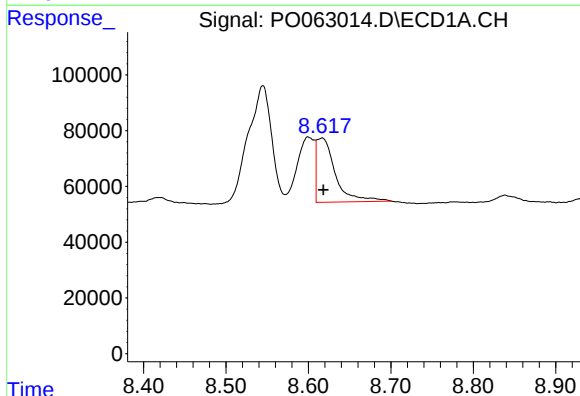
R.T.: 8.545 min
Delta R.T.: 0.018 min
Response: 837231
Conc: 110.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



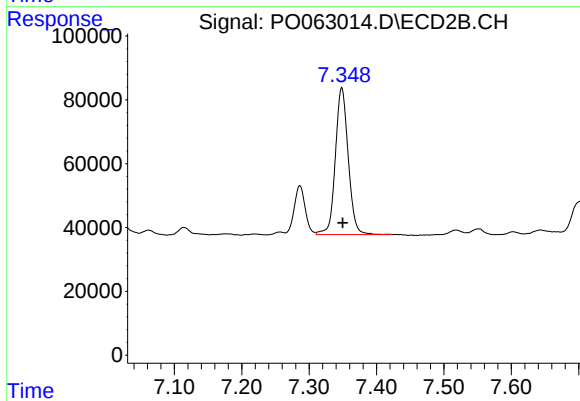
#41 AR-1268-1

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 182176
Conc: 38.90 ng/ml



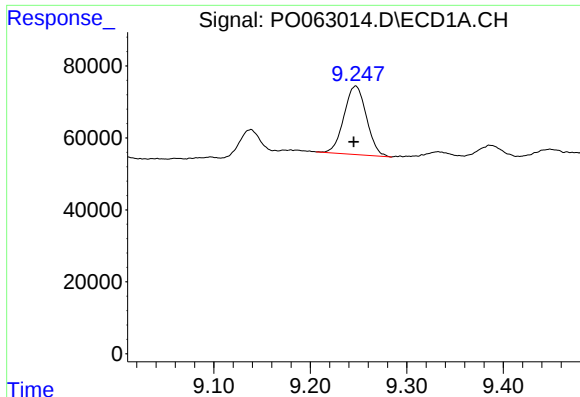
#42 AR-1268-2

R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 364914
Conc: 51.95 ng/ml



#42 AR-1268-2

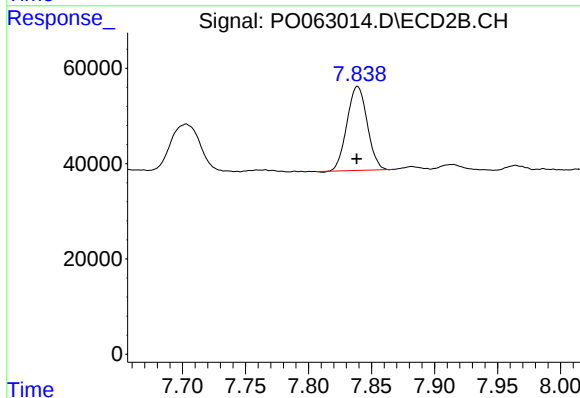
R.T.: 7.348 min
Delta R.T.: -0.001 min
Response: 612352
Conc: 146.57 ng/ml



#44 AR-1268-4

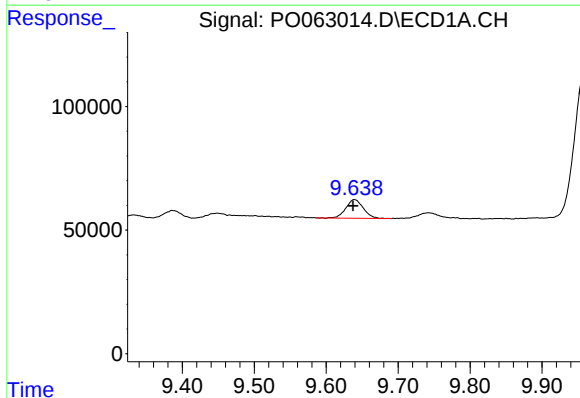
R.T.: 9.247 min
Delta R.T.: 0.002 min
Response: 307483
Conc: 129.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



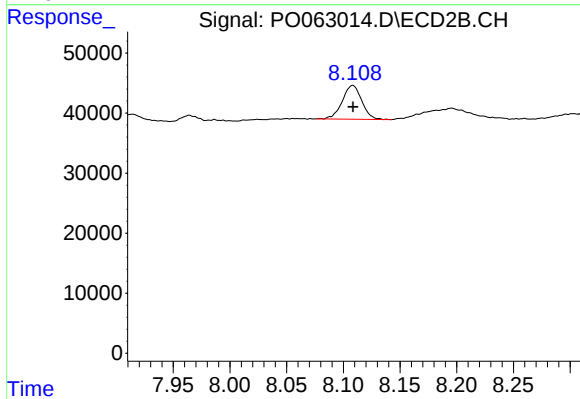
#44 AR-1268-4

R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 196605
Conc: 137.98 ng/ml



#45 AR-1268-5

R.T.: 9.639 min
Delta R.T.: 0.002 min
Response: 126261
Conc: 7.01 ng/ml



#45 AR-1268-5

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 67454
Conc: 7.29 ng/ml