

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010120\
 Data File : P0065169.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Dec 2019 17:13
 Operator : AJ/MA
 Sample : PB125810BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB125810BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 01 02:06:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0123119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 31 07:42:34 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...	4.179	3.452	470482	572612	22.306	22.666
2)	SA Decachlor...	9.701	8.369	563848	698485	18.476	18.150
Target Compounds							
3)	L1 AR-1016-1	5.332	4.516	240786	284976	224.279	222.144
4)	L1 AR-1016-2	5.353	4.534	343413	397676	220.656	220.157
5)	L1 AR-1016-3	5.414	4.707	210774	220370	220.359	218.784
6)	L1 AR-1016-4	5.511	4.751	169287	155674	214.456	176.552
7)	L1 AR-1016-5	5.802	4.959	177147	285877	214.952	259.560
8)	L2 AR-1221-1	0.000	3.662	0	19942	N.D.	69.694 #
9)	L2 AR-1221-2	4.473	3.746	23400	29265	127.441	130.691
10)	L2 AR-1221-3	4.548	3.820	96636	118530	162.871	166.393
11)	L3 AR-1232-1	4.548	3.820	96636	118530	103.273	106.307
12)	L3 AR-1232-2	5.067	4.534	138746	397676	274.132	299.096
13)	L3 AR-1232-3	5.353	4.707	343413	220370	299.974	308.134
14)	L3 AR-1232-4	5.511	4.790	169287	225577	295.280	333.727
15)	L3 AR-1232-5	5.602	4.959	151054	285877	345.637	387.746
16)	L4 AR-1242-1	5.332	4.516	240786	284976	304.516	301.284
17)	L4 AR-1242-2	5.353	4.534	343413	397676	297.626	300.730
18)	L4 AR-1242-3	5.414	4.707	210774	220370	293.201	300.794
19)	L4 AR-1242-4	5.511	4.790	169287	225577	287.089	291.357
20)	L4 AR-1242-5	6.241	5.306	34721	245341	46.202	229.363 #
21)	L5 AR-1248-1	5.332	4.516	240786	284976	388.874	378.284
22)	L5 AR-1248-2	5.602	4.751	151054	155674	167.222	143.460
23)	L5 AR-1248-3	5.802	4.790	177147	225577	171.881	202.251
24)	L5 AR-1248-4	6.202	4.959	46336	285877	35.782	211.018 #
25)	L5 AR-1248-5	6.241	5.331	34721	179725	27.820	124.945 #
26)	L6 AR-1254-1	6.176	5.306	177472	245341	136.400	104.933
27)	L6 AR-1254-2	6.392	5.453	134755	308986	63.603	144.945 #
28)	L6 AR-1254-3	6.755	5.866	126407	406723	52.767	112.883 #
29)	L6 AR-1254-4	7.039	6.079	130724	73063	70.216	31.419 #
30)	L6 AR-1254-5	7.454	6.492	471744	611146	232.511	181.194
31)	L7 AR-1260-1	6.916	5.980	357635	550443	214.004	231.926
32)	L7 AR-1260-2	7.173	6.168	451766	612398	219.888	200.727
33)	L7 AR-1260-3	7.529	6.319	312820	512758	196.015	190.903
34)	L7 AR-1260-4	7.752	6.787	369235	436897	198.676	188.542
35)	L7 AR-1260-5	8.059	7.029	665126	991426	187.029	183.294
36)	L8 AR-1262-1	7.529	6.583	312820	230967	125.007	155.350
37)	L8 AR-1262-2	8.059	7.029	665126	991426	150.732	148.487
38)	L8 AR-1262-3	8.358	7.309	426806	222585	143.975	86.227 #
39)	L8 AR-1262-4	8.428	7.372	101842	712559	45.468	147.570 #
40)	L8 AR-1262-5	9.029	7.866	346832	234578	223.122	118.200 #
41)	L9 AR-1268-1	8.358	7.309	426806	222585	89.053	31.424 #

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 Acq On : 31 Dec 2019 17:13
 Operator : AJ/MA
 Sample : PB125810BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

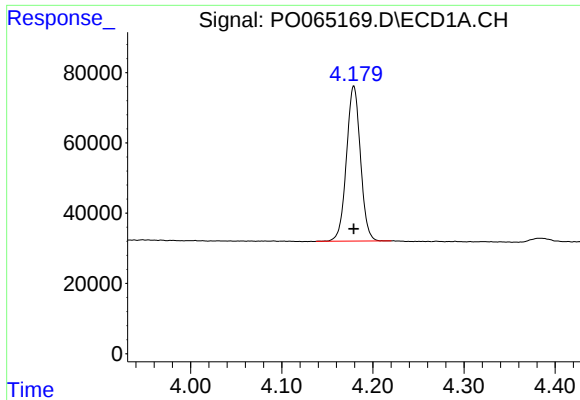
Instrument :
 ECD_O
 ClientSampleId :
 PB125810BS

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
42) L9	AR-1268-2	8.428	7.372	101842	712559	23.169	110.700 #
43) L9	AR-1268-3	8.636	7.575	60312	16920	16.270	3.229 #
44) L9	AR-1268-4	9.029	7.866	346832	234578	218.258	110.752 #
45) L9	AR-1268-5	9.400	8.136	72156	54115	6.610	3.642 #

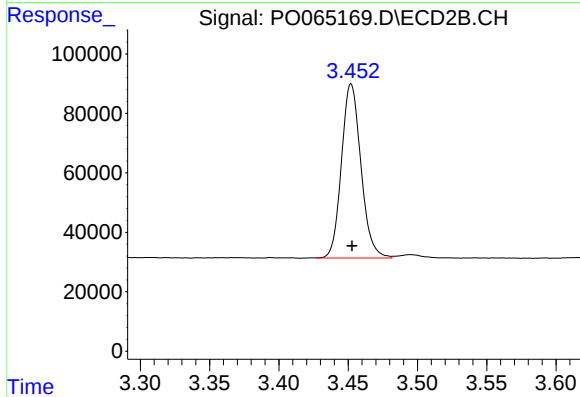
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

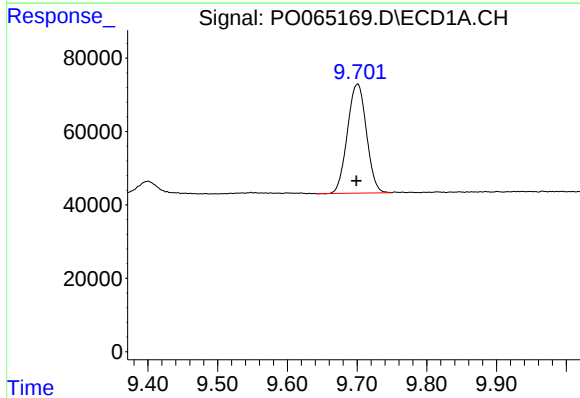
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 470482
Conc: 22.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



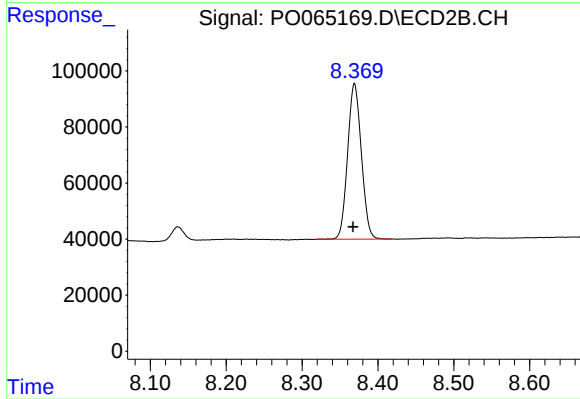
#1 Tetrachloro-m-xylene

R.T.: 3.452 min
Delta R.T.: 0.000 min
Response: 572612
Conc: 22.67 ng/ml



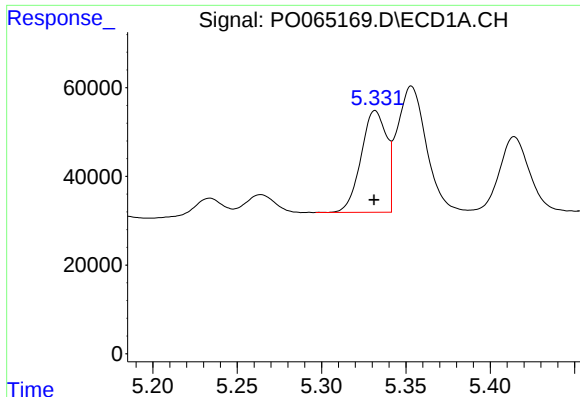
#2 Decachlorobiphenyl

R.T.: 9.701 min
Delta R.T.: 0.002 min
Response: 563848
Conc: 18.48 ng/ml



#2 Decachlorobiphenyl

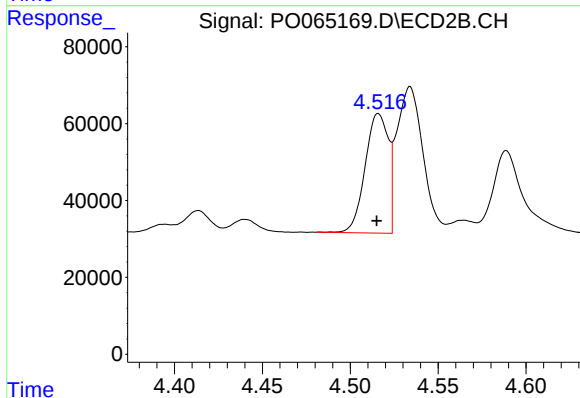
R.T.: 8.369 min
Delta R.T.: 0.002 min
Response: 698485
Conc: 18.15 ng/ml



#3 AR-1016-1

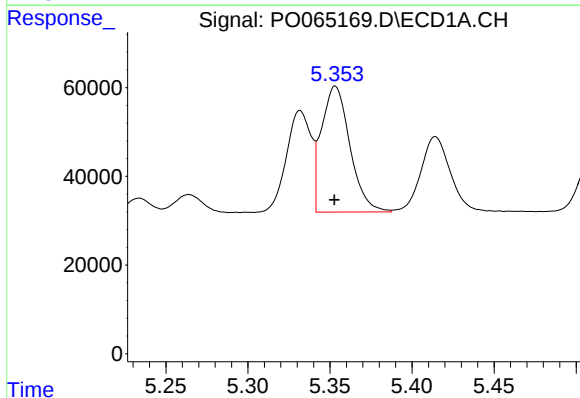
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 240786
Conc: 224.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



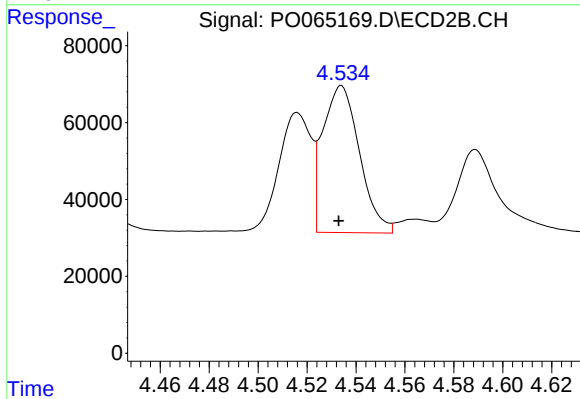
#3 AR-1016-1

R.T.: 4.516 min
Delta R.T.: 0.001 min
Response: 284976
Conc: 222.14 ng/ml



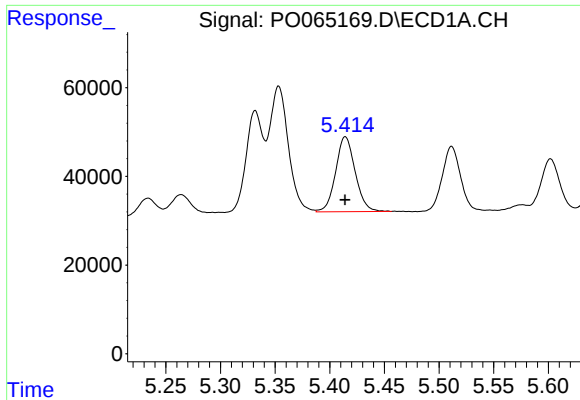
#4 AR-1016-2

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 343413
Conc: 220.66 ng/ml



#4 AR-1016-2

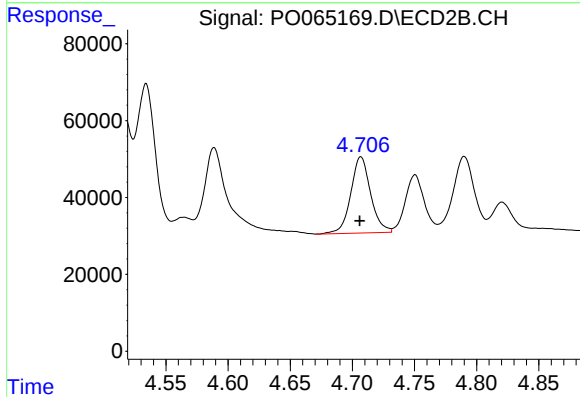
R.T.: 4.534 min
Delta R.T.: 0.001 min
Response: 397676
Conc: 220.16 ng/ml



#5 AR-1016-3

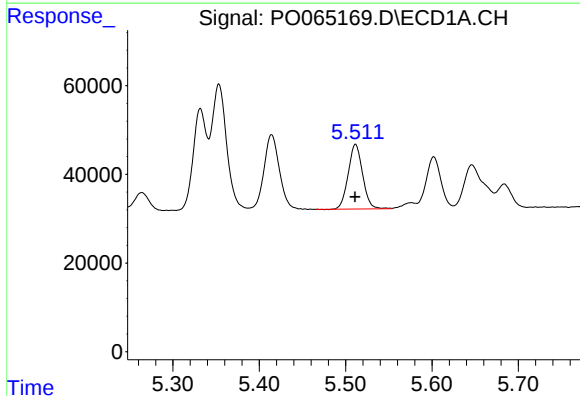
R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 210774
Conc: 220.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



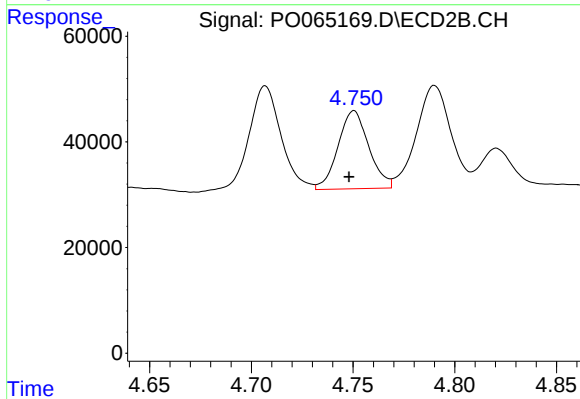
#5 AR-1016-3

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 220370
Conc: 218.78 ng/ml



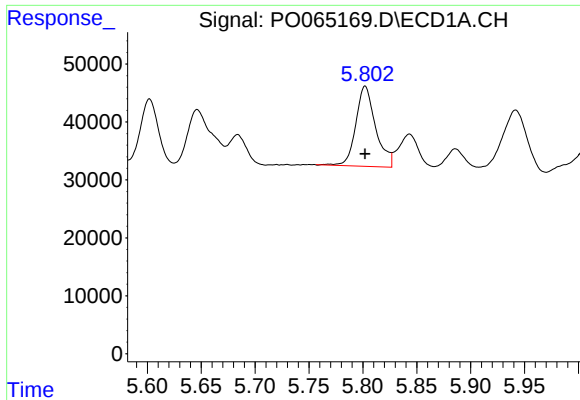
#6 AR-1016-4

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 169287
Conc: 214.46 ng/ml



#6 AR-1016-4

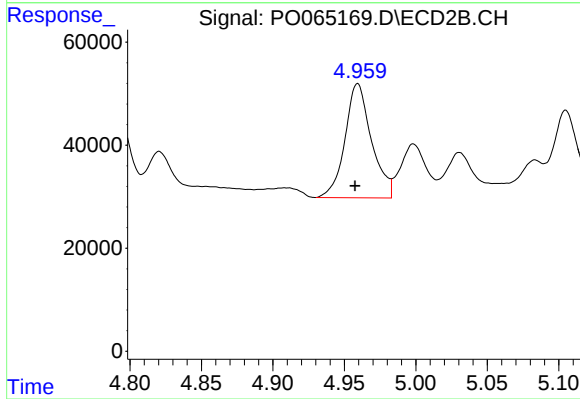
R.T.: 4.751 min
Delta R.T.: 0.003 min
Response: 155674
Conc: 176.55 ng/ml



#7 AR-1016-5

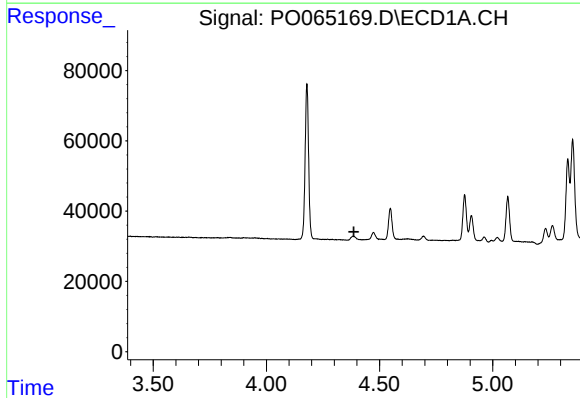
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 177147
Conc: 214.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



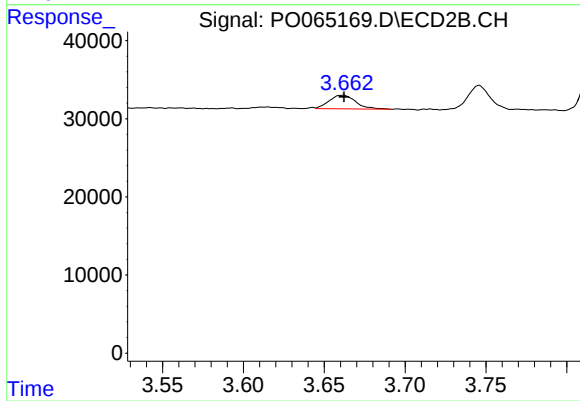
#7 AR-1016-5

R.T.: 4.959 min
Delta R.T.: 0.002 min
Response: 285877
Conc: 259.56 ng/ml



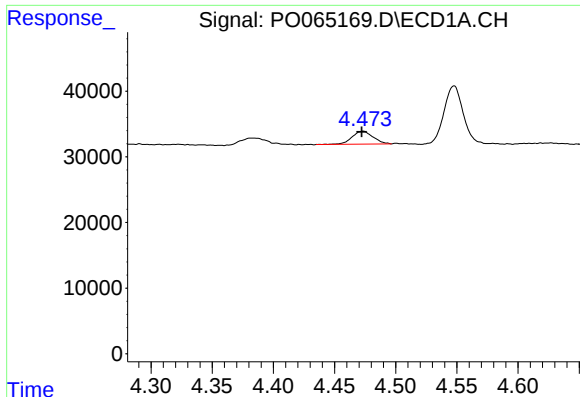
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.387 min
Response: 0
Conc: N.D.



#8 AR-1221-1

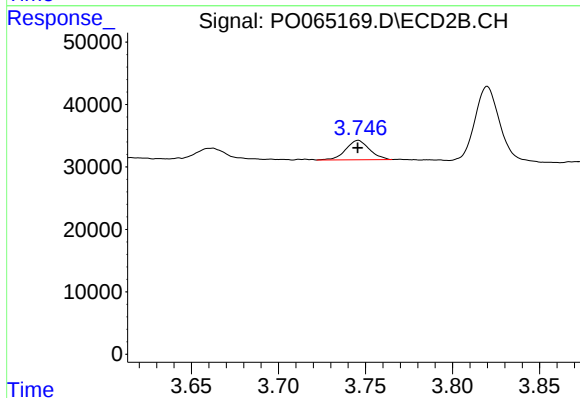
R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 19942
Conc: 69.69 ng/ml



#9 AR-1221-2

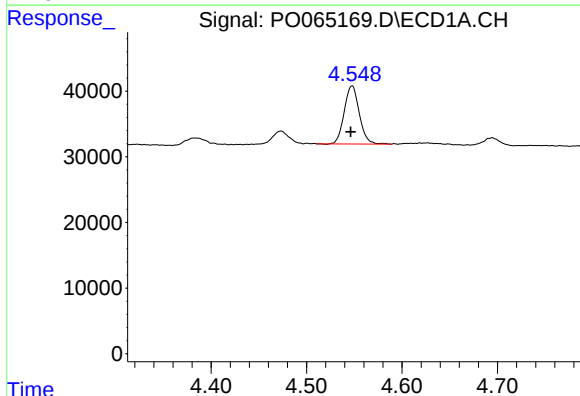
R.T.: 4.473 min
Delta R.T.: 0.001 min
Response: 23400
Conc: 127.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



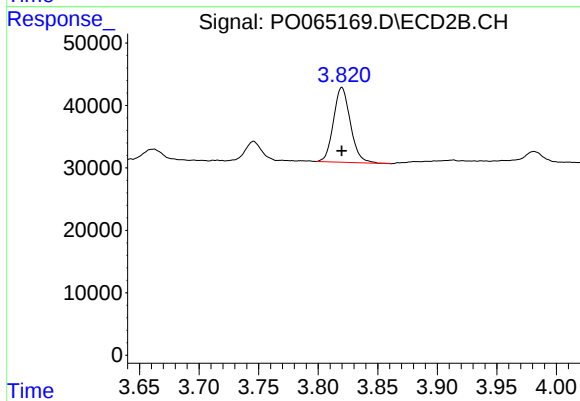
#9 AR-1221-2

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 29265
Conc: 130.69 ng/ml



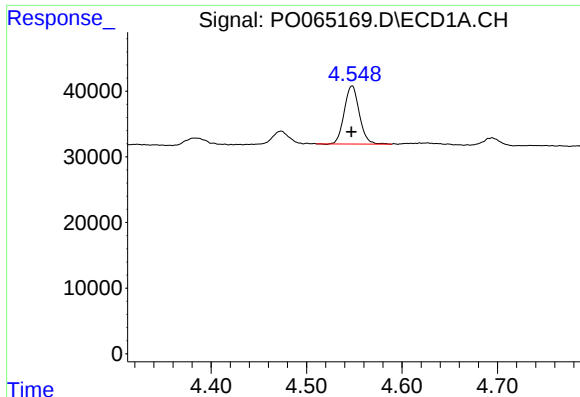
#10 AR-1221-3

R.T.: 4.548 min
Delta R.T.: 0.001 min
Response: 96636
Conc: 162.87 ng/ml



#10 AR-1221-3

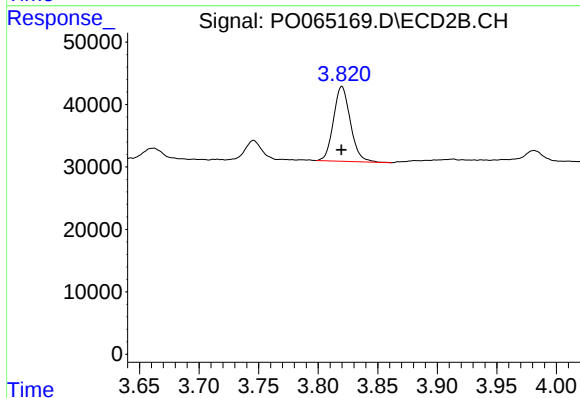
R.T.: 3.820 min
Delta R.T.: 0.000 min
Response: 118530
Conc: 166.39 ng/ml



#11 AR-1232-1

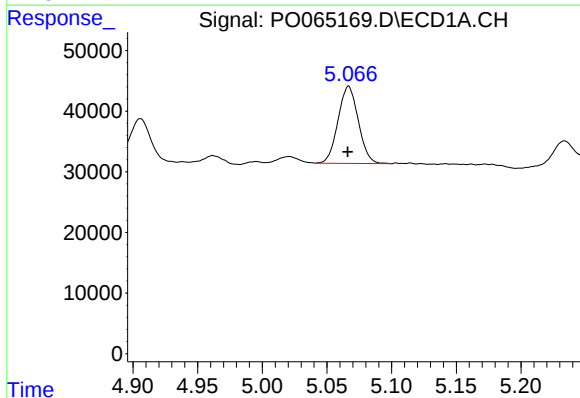
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 96636
Conc: 103.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



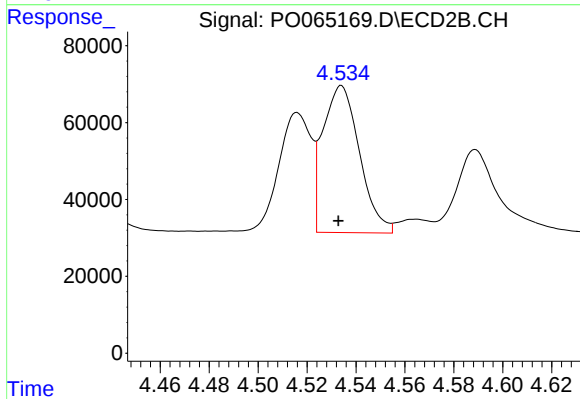
#11 AR-1232-1

R.T.: 3.820 min
Delta R.T.: 0.000 min
Response: 118530
Conc: 106.31 ng/ml



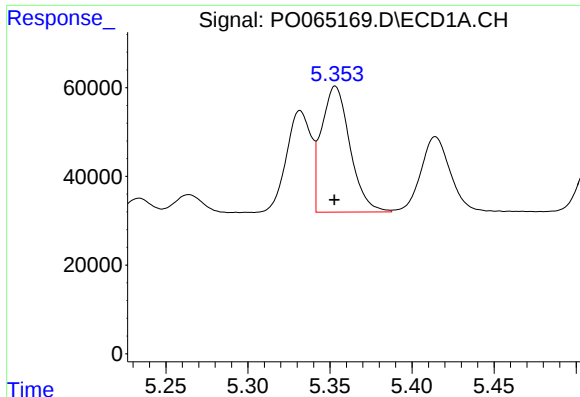
#12 AR-1232-2

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 138746
Conc: 274.13 ng/ml



#12 AR-1232-2

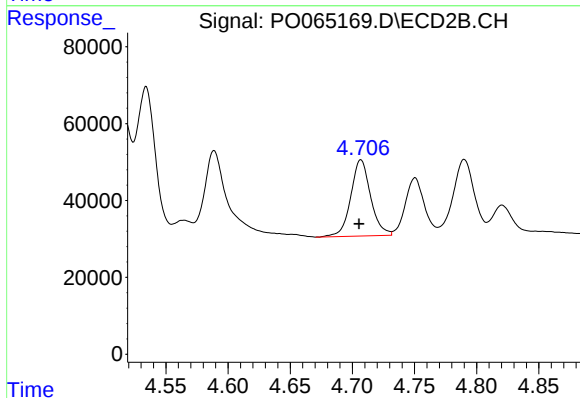
R.T.: 4.534 min
Delta R.T.: 0.001 min
Response: 397676
Conc: 299.10 ng/ml



#13 AR-1232-3

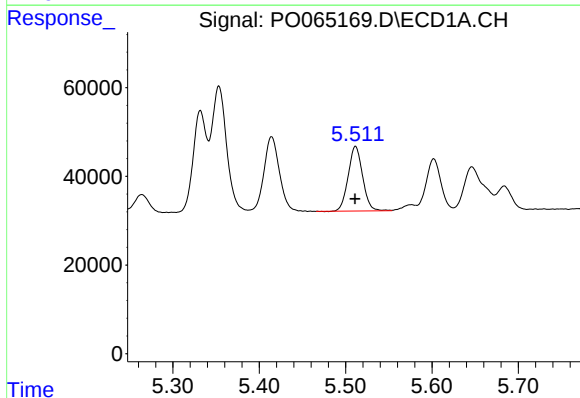
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 343413
Conc: 299.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



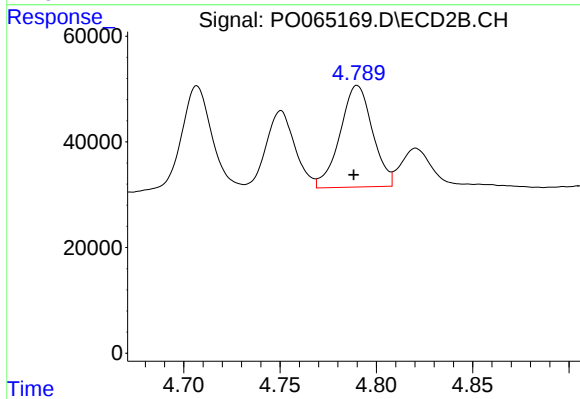
#13 AR-1232-3

R.T.: 4.707 min
Delta R.T.: 0.001 min
Response: 220370
Conc: 308.13 ng/ml



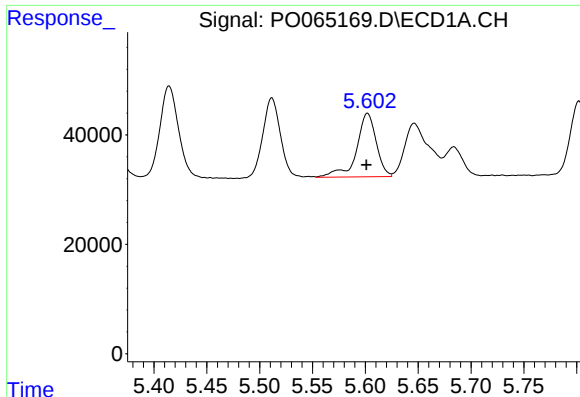
#14 AR-1232-4

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 169287
Conc: 295.28 ng/ml



#14 AR-1232-4

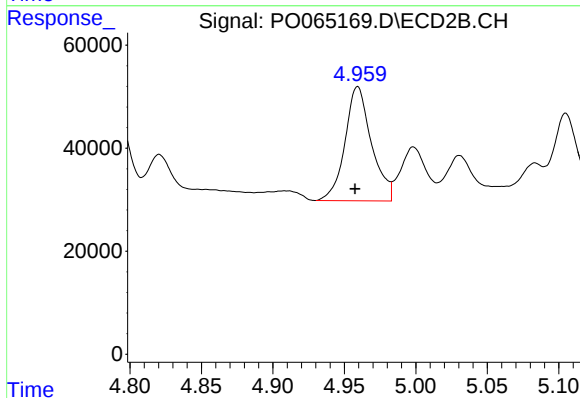
R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 225577
Conc: 333.73 ng/ml



#15 AR-1232-5

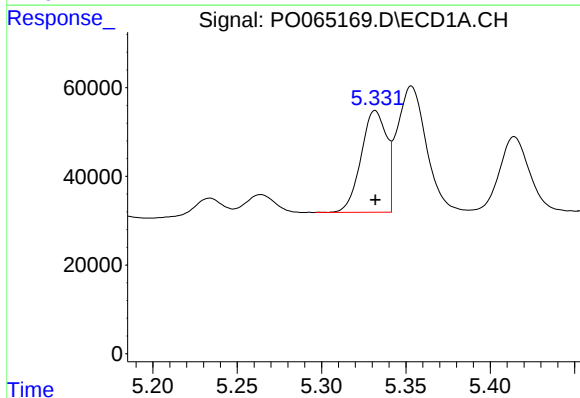
R.T.: 5.602 min
Delta R.T.: 0.001 min
Response: 151054
Conc: 345.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



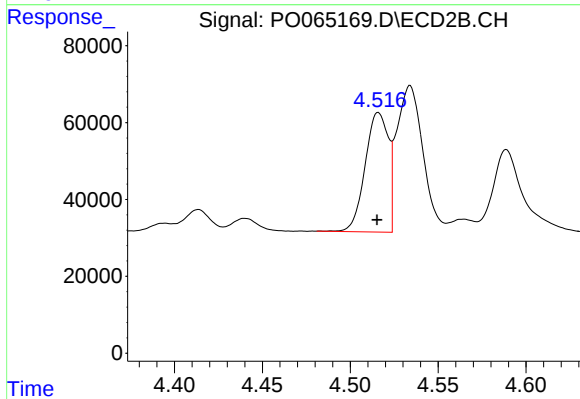
#15 AR-1232-5

R.T.: 4.959 min
Delta R.T.: 0.002 min
Response: 285877
Conc: 387.75 ng/ml



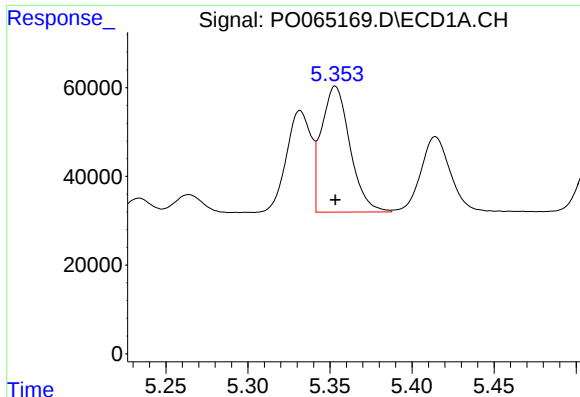
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 240786
Conc: 304.52 ng/ml



#16 AR-1242-1

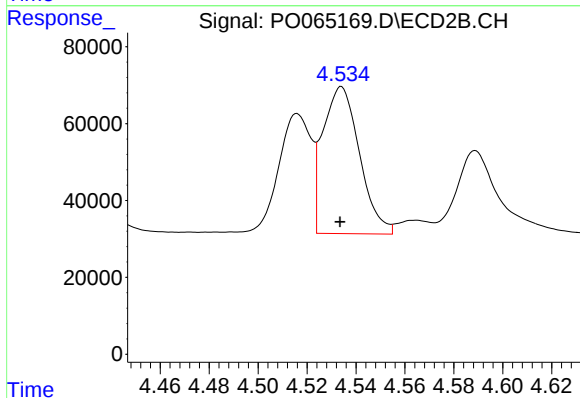
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 284976
Conc: 301.28 ng/ml



#17 AR-1242-2

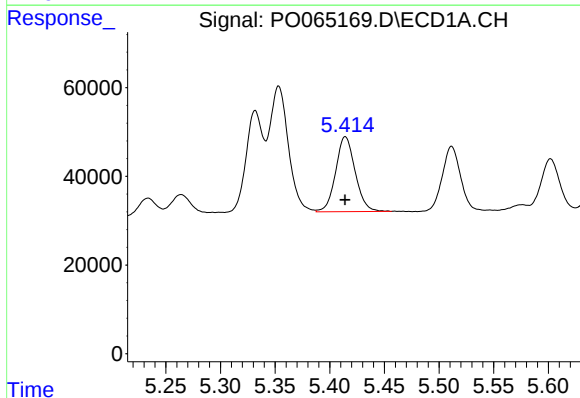
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 343413
Conc: 297.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



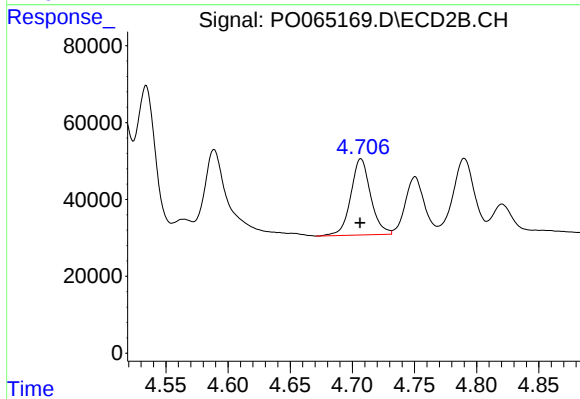
#17 AR-1242-2

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 397676
Conc: 300.73 ng/ml



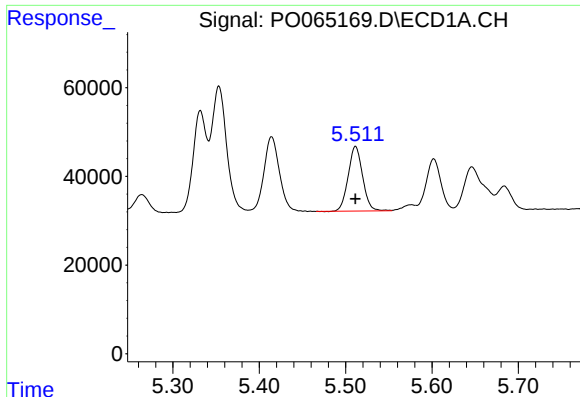
#18 AR-1242-3

R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 210774
Conc: 293.20 ng/ml



#18 AR-1242-3

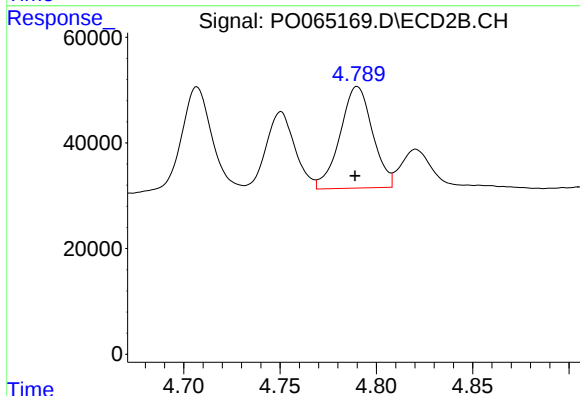
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 220370
Conc: 300.79 ng/ml



#19 AR-1242-4

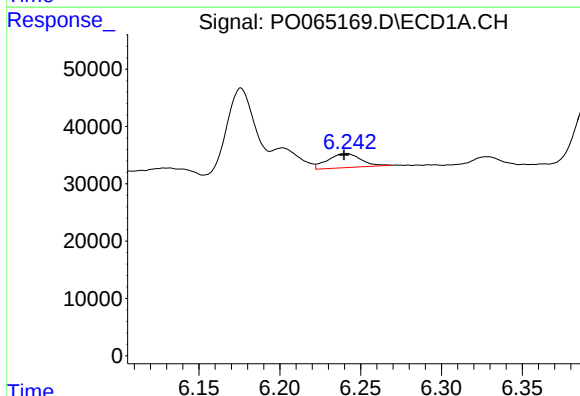
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 169287
Conc: 287.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



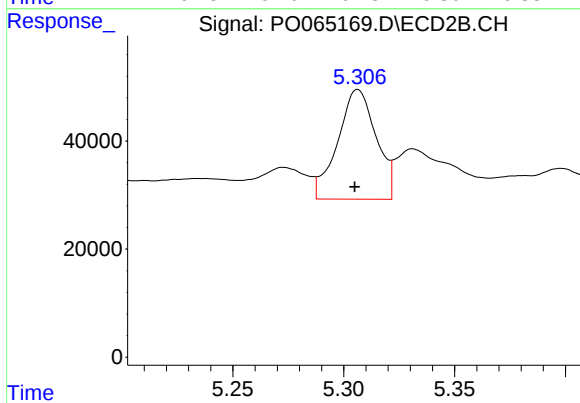
#19 AR-1242-4

R.T.: 4.790 min
Delta R.T.: 0.001 min
Response: 225577
Conc: 291.36 ng/ml



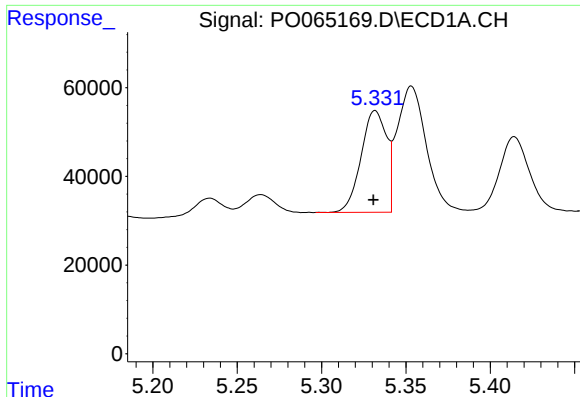
#20 AR-1242-5

R.T.: 6.241 min
Delta R.T.: 0.001 min
Response: 34721
Conc: 46.20 ng/ml



#20 AR-1242-5

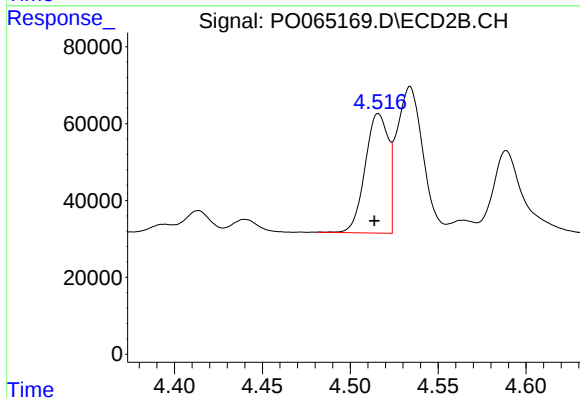
R.T.: 5.306 min
Delta R.T.: 0.001 min
Response: 245341
Conc: 229.36 ng/ml



#21 AR-1248-1

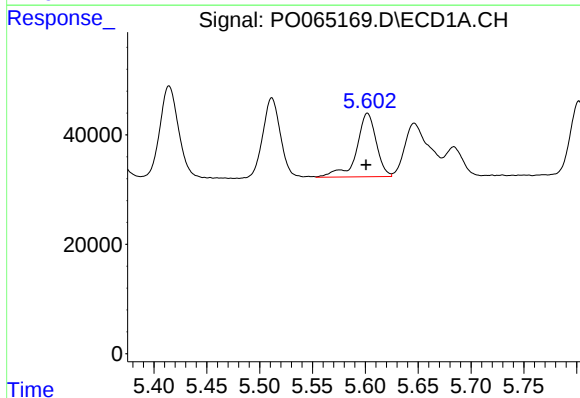
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 240786
Conc: 388.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



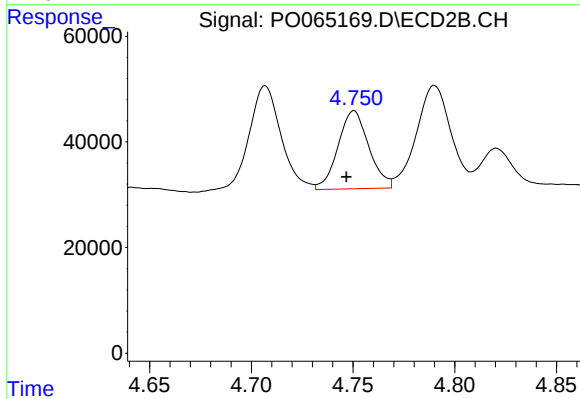
#21 AR-1248-1

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 284976
Conc: 378.28 ng/ml



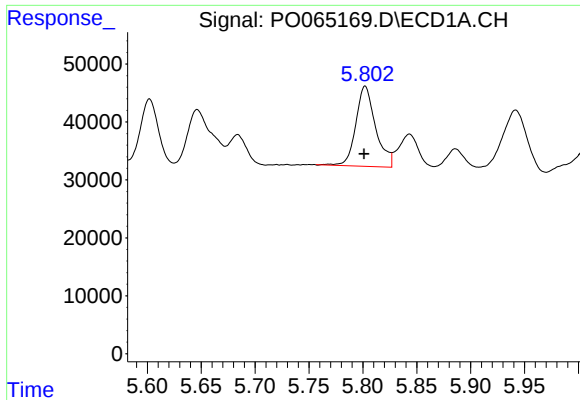
#22 AR-1248-2

R.T.: 5.602 min
Delta R.T.: 0.001 min
Response: 151054
Conc: 167.22 ng/ml



#22 AR-1248-2

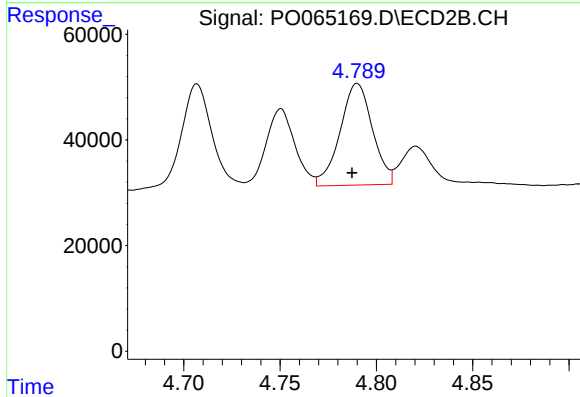
R.T.: 4.751 min
Delta R.T.: 0.004 min
Response: 155674
Conc: 143.46 ng/ml



#23 AR-1248-3

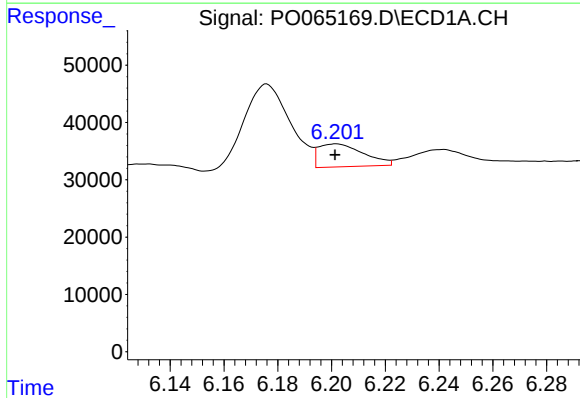
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 177147
Conc: 171.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



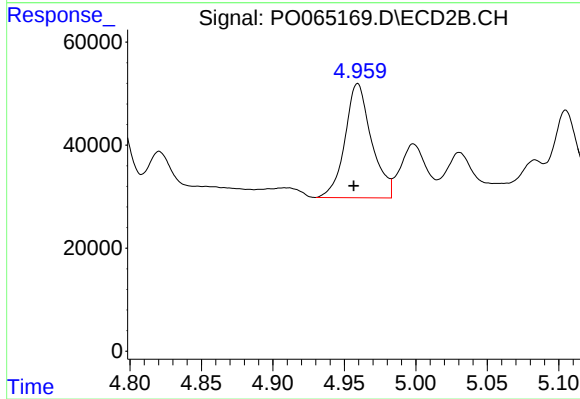
#23 AR-1248-3

R.T.: 4.790 min
Delta R.T.: 0.003 min
Response: 225577
Conc: 202.25 ng/ml



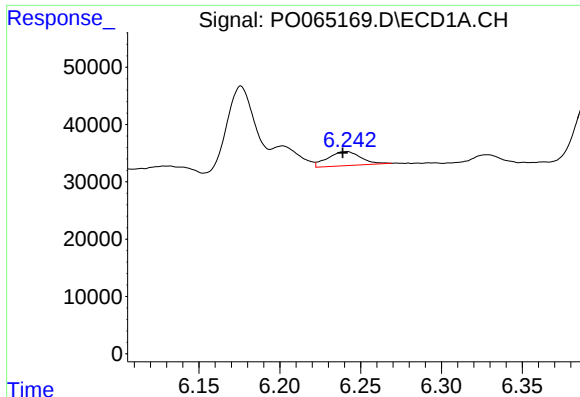
#24 AR-1248-4

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 46336
Conc: 35.78 ng/ml



#24 AR-1248-4

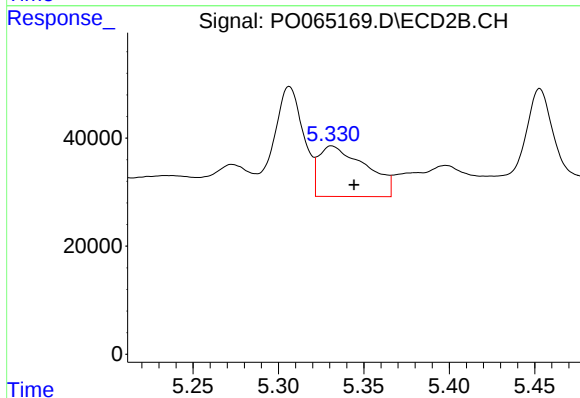
R.T.: 4.959 min
Delta R.T.: 0.003 min
Response: 285877
Conc: 211.02 ng/ml



#25 AR-1248-5

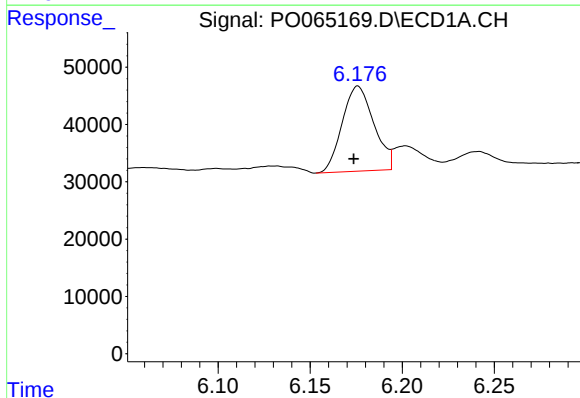
R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 34721
Conc: 27.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



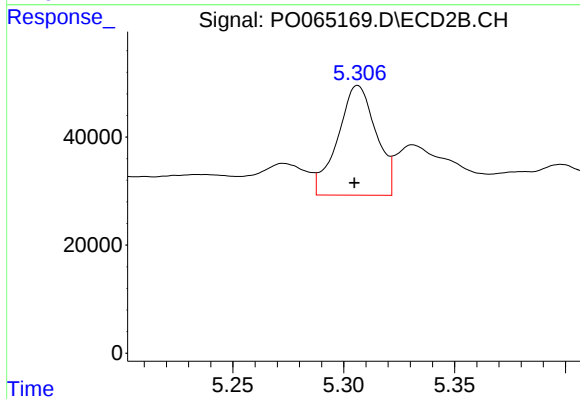
#25 AR-1248-5

R.T.: 5.331 min
Delta R.T.: -0.013 min
Response: 179725
Conc: 124.95 ng/ml



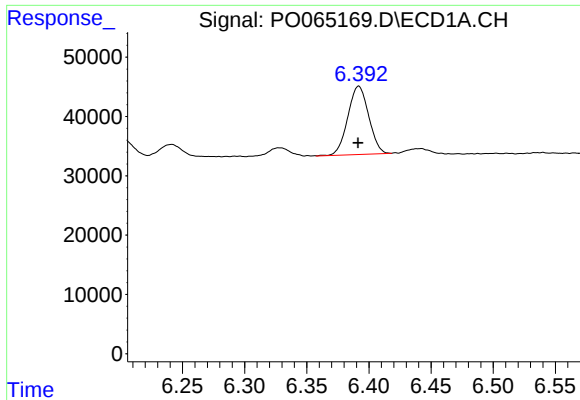
#26 AR-1254-1

R.T.: 6.176 min
Delta R.T.: 0.002 min
Response: 177472
Conc: 136.40 ng/ml



#26 AR-1254-1

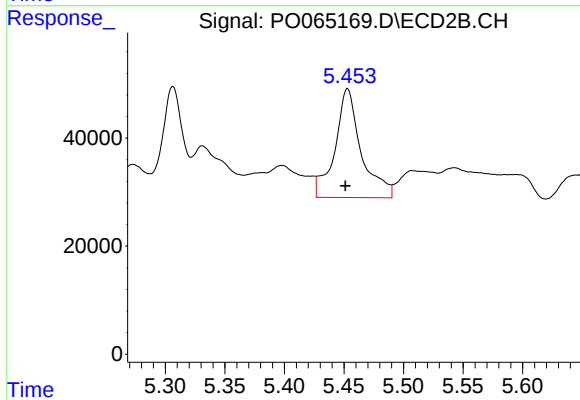
R.T.: 5.306 min
Delta R.T.: 0.002 min
Response: 245341
Conc: 104.93 ng/ml



#27 AR-1254-2

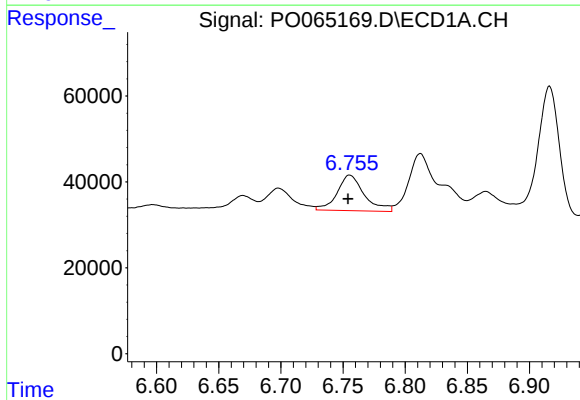
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 134755
Conc: 63.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



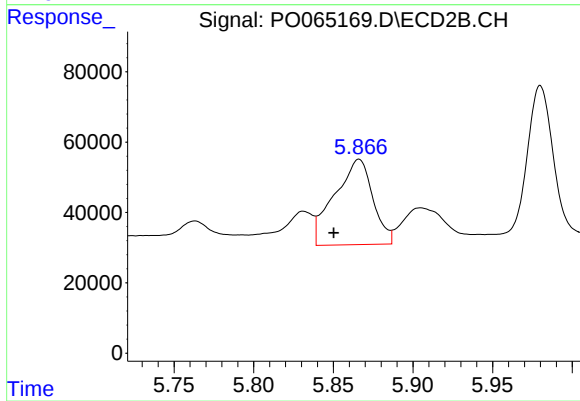
#27 AR-1254-2

R.T.: 5.453 min
Delta R.T.: 0.002 min
Response: 308986
Conc: 144.95 ng/ml



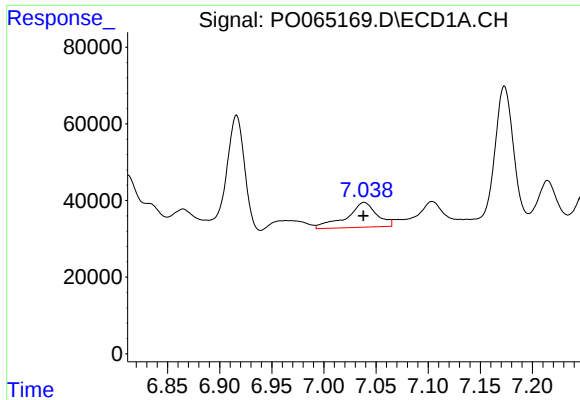
#28 AR-1254-3

R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 126407
Conc: 52.77 ng/ml



#28 AR-1254-3

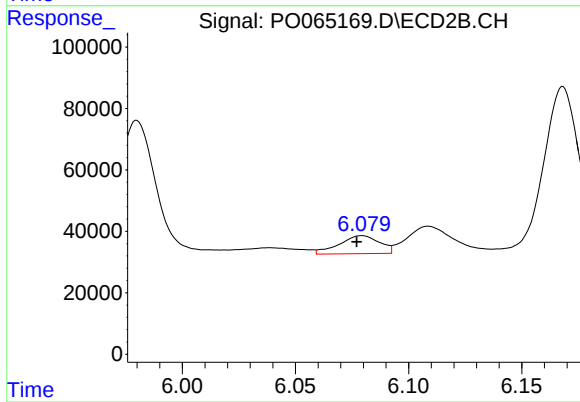
R.T.: 5.866 min
Delta R.T.: 0.016 min
Response: 406723
Conc: 112.88 ng/ml



#29 AR-1254-4

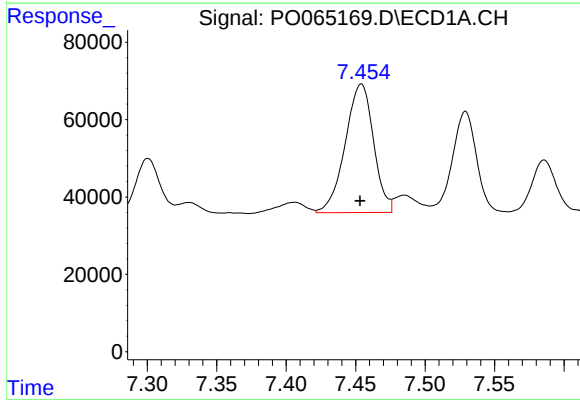
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 130724
Conc: 70.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



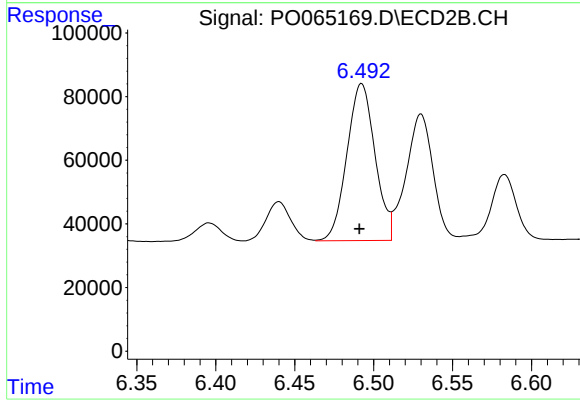
#29 AR-1254-4

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 73063
Conc: 31.42 ng/ml



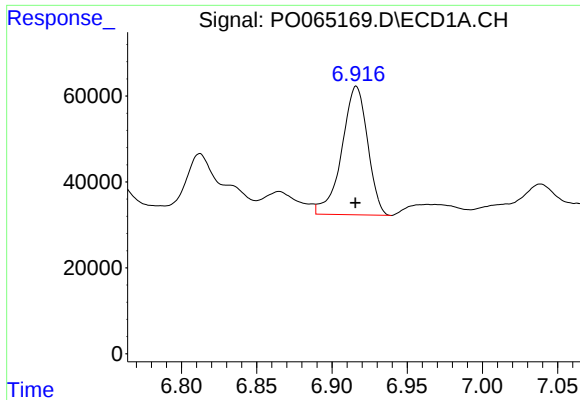
#30 AR-1254-5

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 471744
Conc: 232.51 ng/ml



#30 AR-1254-5

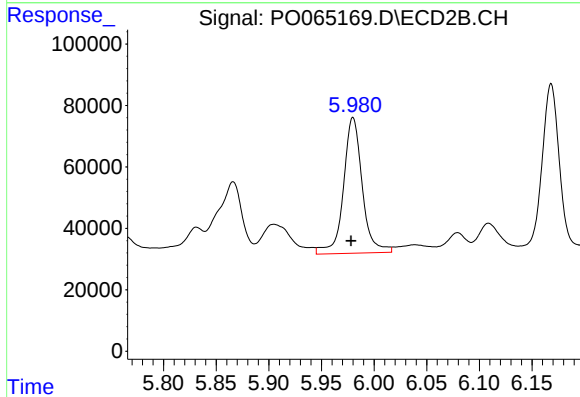
R.T.: 6.492 min
Delta R.T.: 0.001 min
Response: 611146
Conc: 181.19 ng/ml



#31 AR-1260-1

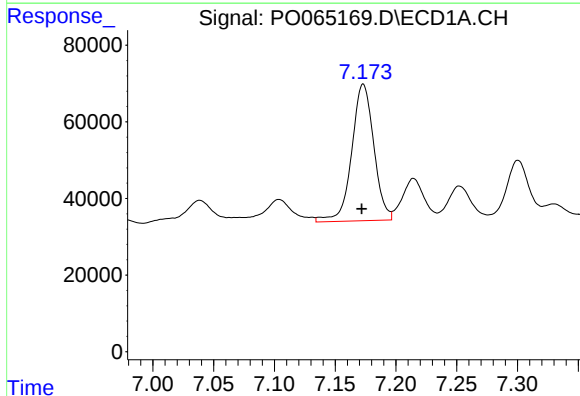
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 357635
Conc: 214.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



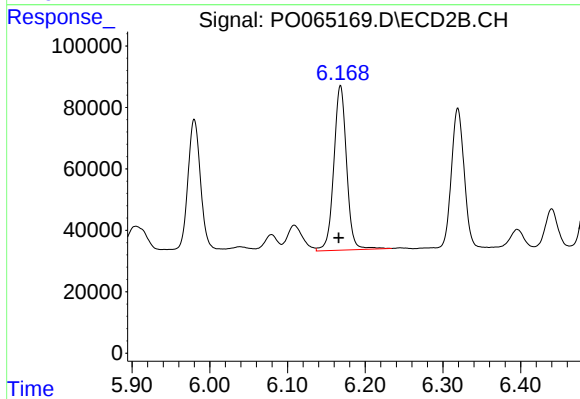
#31 AR-1260-1

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 550443
Conc: 231.93 ng/ml



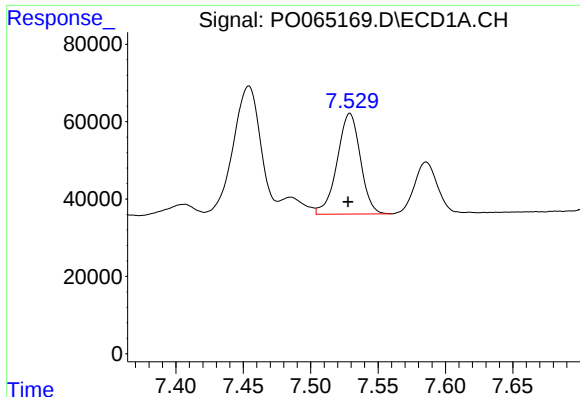
#32 AR-1260-2

R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 451766
Conc: 219.89 ng/ml



#32 AR-1260-2

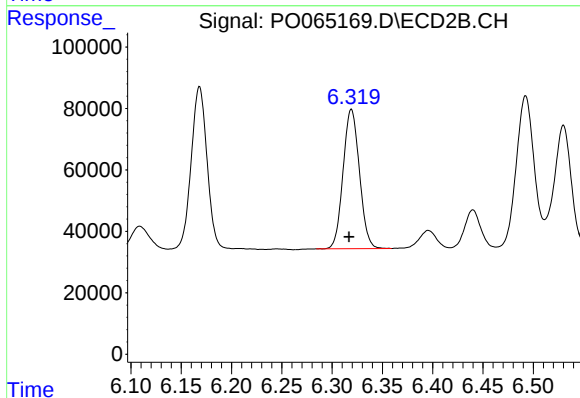
R.T.: 6.168 min
Delta R.T.: 0.002 min
Response: 612398
Conc: 200.73 ng/ml



#33 AR-1260-3

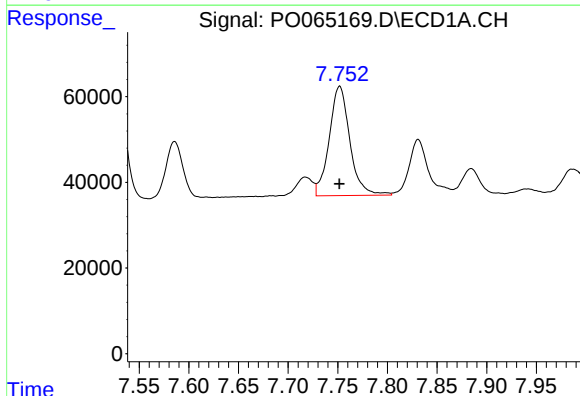
R.T.: 7.529 min
Delta R.T.: 0.001 min
Response: 312820
Conc: 196.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



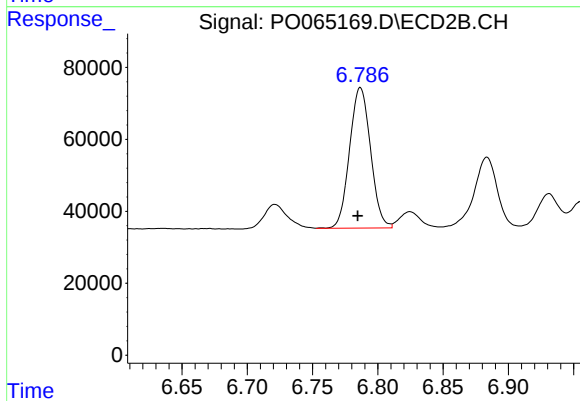
#33 AR-1260-3

R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 512758
Conc: 190.90 ng/ml



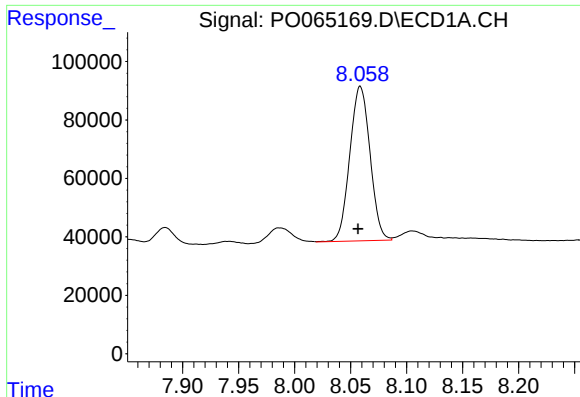
#34 AR-1260-4

R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 369235
Conc: 198.68 ng/ml



#34 AR-1260-4

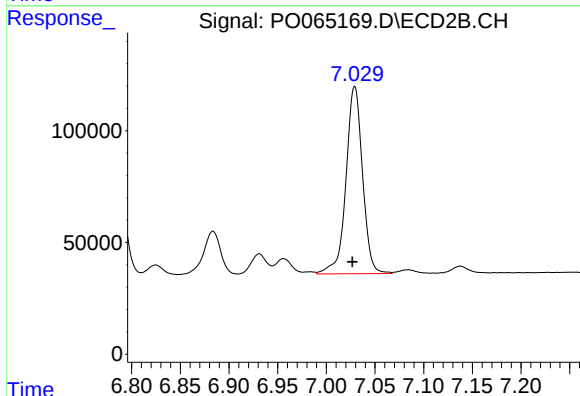
R.T.: 6.787 min
Delta R.T.: 0.002 min
Response: 436897
Conc: 188.54 ng/ml



#35 AR-1260-5

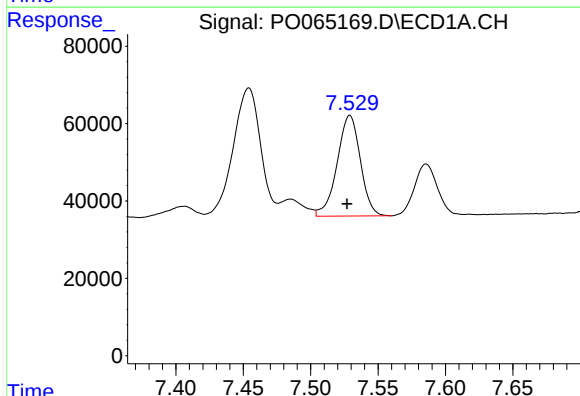
R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 665126
Conc: 187.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



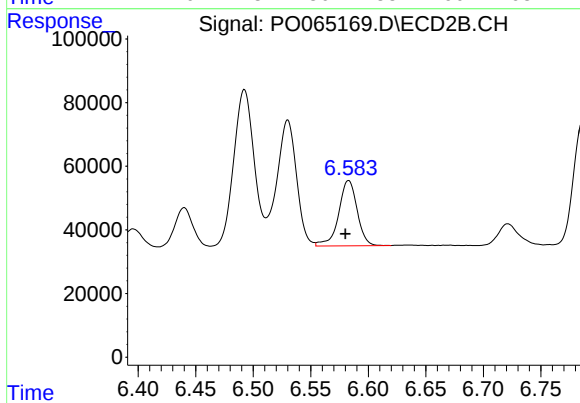
#35 AR-1260-5

R.T.: 7.029 min
Delta R.T.: 0.002 min
Response: 991426
Conc: 183.29 ng/ml



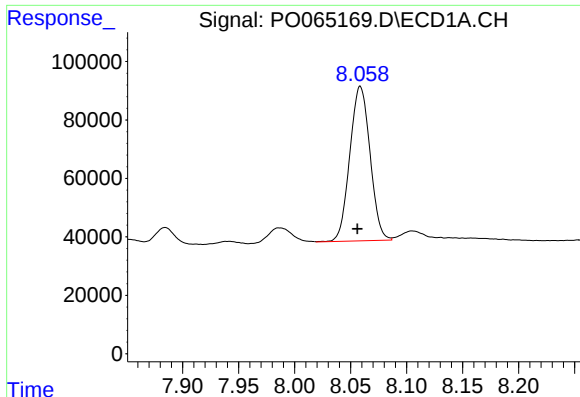
#36 AR-1262-1

R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 312820
Conc: 125.01 ng/ml



#36 AR-1262-1

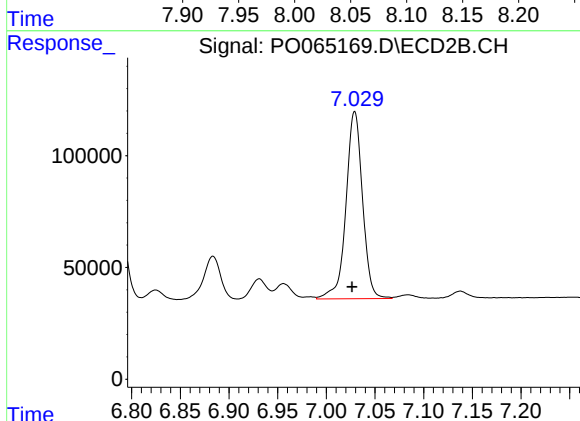
R.T.: 6.583 min
Delta R.T.: 0.003 min
Response: 230967
Conc: 155.35 ng/ml



#37 AR-1262-2

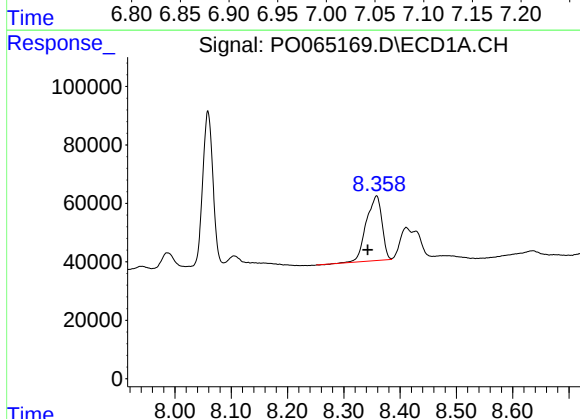
R.T.: 8.059 min
Delta R.T.: 0.003 min
Response: 665126
Conc: 150.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



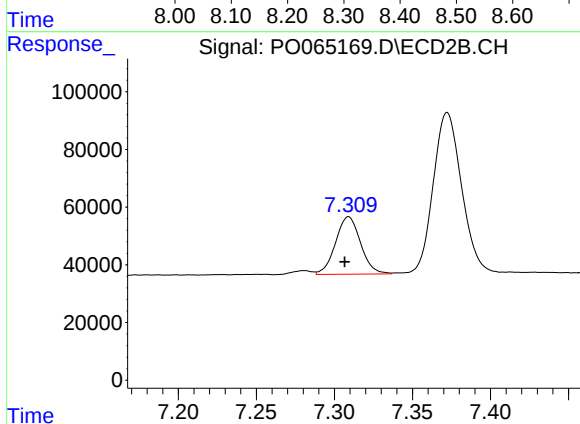
#37 AR-1262-2

R.T.: 7.029 min
Delta R.T.: 0.003 min
Response: 991426
Conc: 148.49 ng/ml



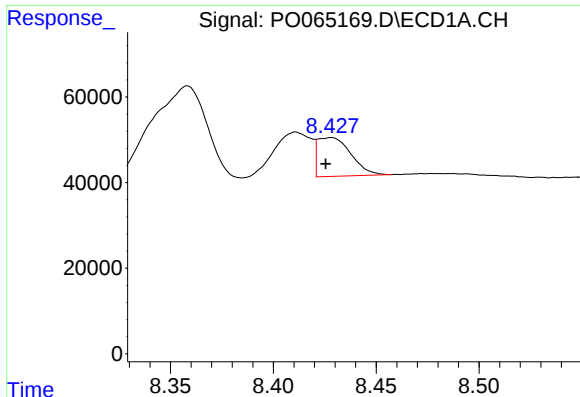
#38 AR-1262-3

R.T.: 8.358 min
Delta R.T.: 0.016 min
Response: 426806
Conc: 143.98 ng/ml



#38 AR-1262-3

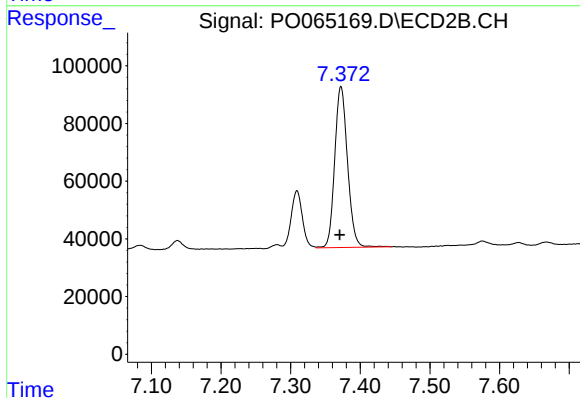
R.T.: 7.309 min
Delta R.T.: 0.003 min
Response: 222585
Conc: 86.23 ng/ml



#39 AR-1262-4

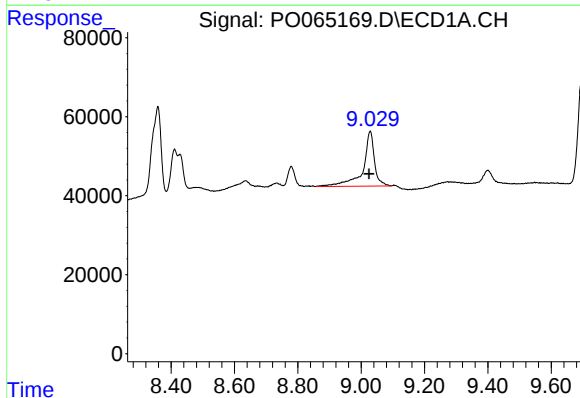
R.T.: 8.428 min
Delta R.T.: 0.003 min
Response: 101842
Conc: 45.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



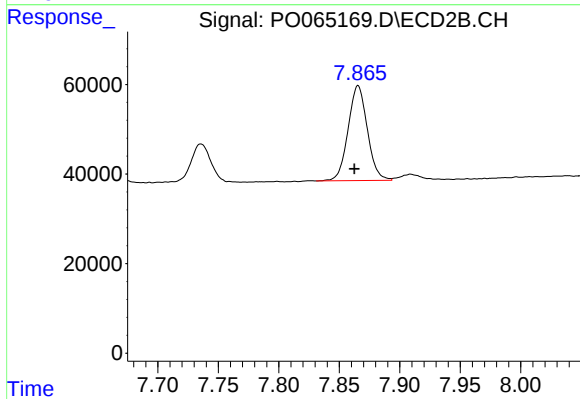
#39 AR-1262-4

R.T.: 7.372 min
Delta R.T.: 0.002 min
Response: 712559
Conc: 147.57 ng/ml



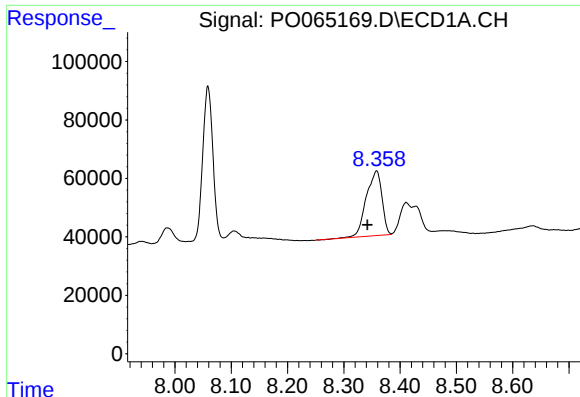
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 346832
Conc: 223.12 ng/ml



#40 AR-1262-5

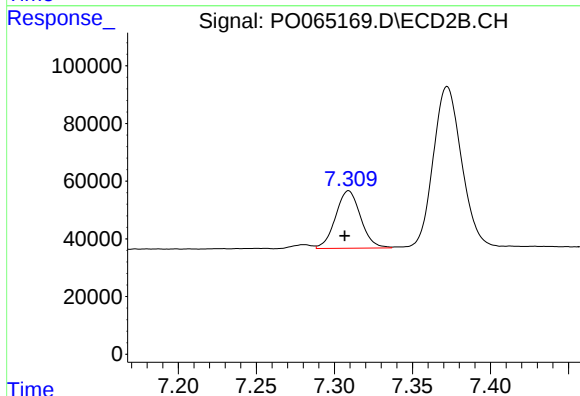
R.T.: 7.866 min
Delta R.T.: 0.003 min
Response: 234578
Conc: 118.20 ng/ml



#41 AR-1268-1

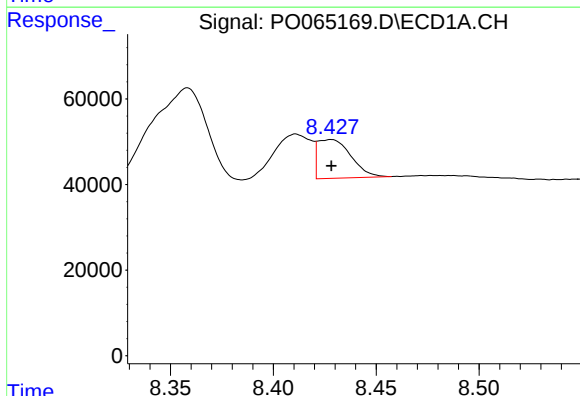
R.T.: 8.358 min
Delta R.T.: 0.016 min
Response: 426806
Conc: 89.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



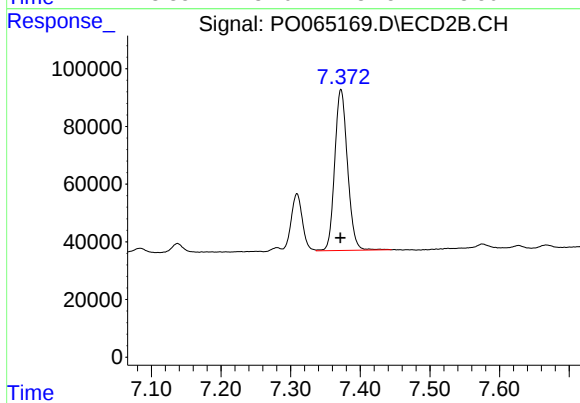
#41 AR-1268-1

R.T.: 7.309 min
Delta R.T.: 0.003 min
Response: 222585
Conc: 31.42 ng/ml



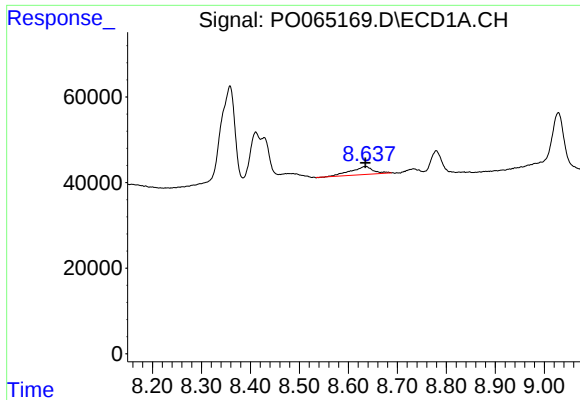
#42 AR-1268-2

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 101842
Conc: 23.17 ng/ml



#42 AR-1268-2

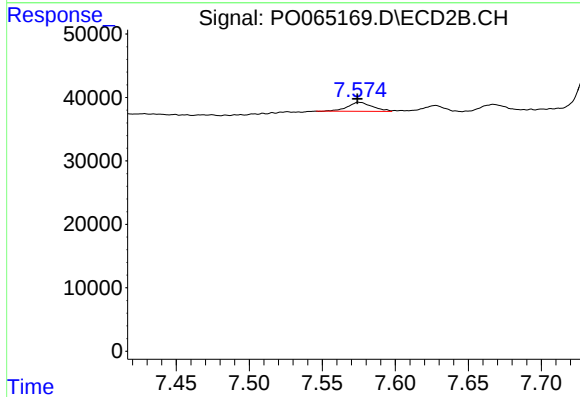
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 712559
Conc: 110.70 ng/ml



#43 AR-1268-3

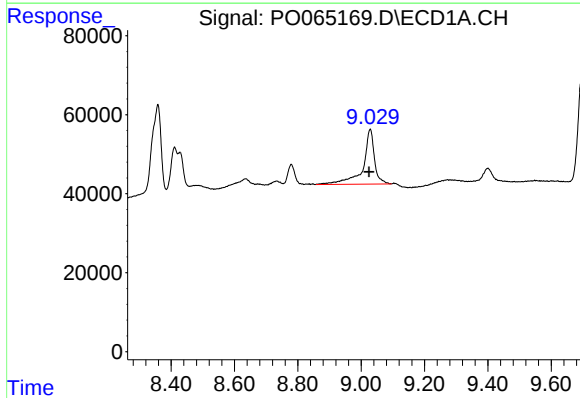
R.T.: 8.636 min
Delta R.T.: 0.001 min
Response: 60312
Conc: 16.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



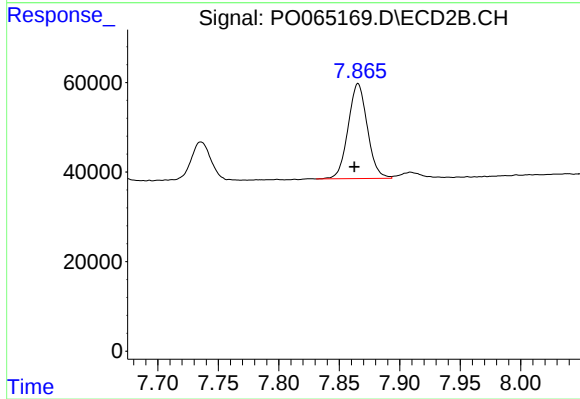
#43 AR-1268-3

R.T.: 7.575 min
Delta R.T.: 0.001 min
Response: 16920
Conc: 3.23 ng/ml



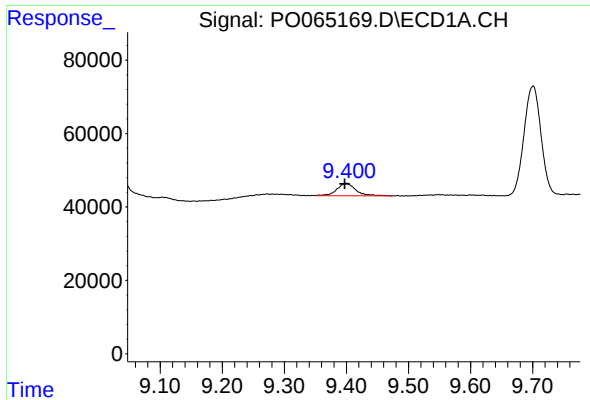
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: 0.003 min
Response: 346832
Conc: 218.26 ng/ml



#44 AR-1268-4

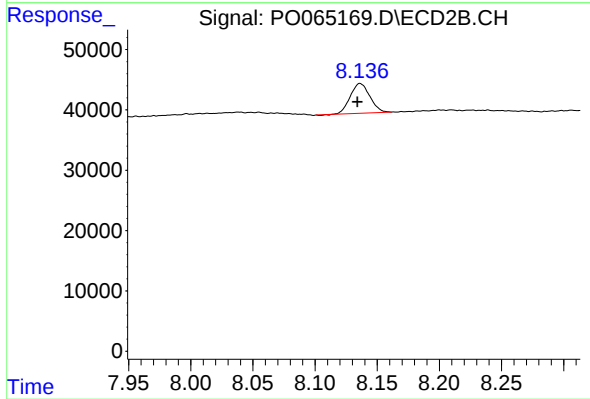
R.T.: 7.866 min
Delta R.T.: 0.003 min
Response: 234578
Conc: 110.75 ng/ml



#45 AR-1268-5

R.T.: 9.400 min
Delta R.T.: 0.003 min
Response: 72156
Conc: 6.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB125810BS



#45 AR-1268-5

R.T.: 8.136 min
Delta R.T.: 0.002 min
Response: 54115
Conc: 3.64 ng/ml