

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111321\
 Data File : PO082806.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Nov 2021 15:54
 Operator : AJ\MA
 Sample : M4654-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 01:05:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 12 10:10:59 2021
 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...	4.963	3.961	1768665	641491	19.835	19.769
2)	SA Decachlor...	11.068	9.275	1123416	547147	19.398	19.298
Target Compounds							
3)	L1 AR-1016-1	6.297	5.220	1317892	622309	447.690	444.765
4)	L1 AR-1016-2	6.321	5.240	1866742	858453	449.217	443.755
5)	L1 AR-1016-3	6.387	5.431	1137287	480317	446.996	461.726
6)	L1 AR-1016-4	6.496	5.484	945286	388794	461.167	444.488
7)	L1 AR-1016-5	6.814	5.712	918971	486585	450.476	454.683
8)	L2 AR-1221-1	5.217	4.218	188069	57448	192.280	139.378 #
9)	L2 AR-1221-2	5.318	4.319	156792	69507	227.661	220.592
10)	L2 AR-1221-3	5.406	4.407	716968	326729	327.105	330.363
11)	L3 AR-1232-1	5.406	4.407	716968	326729	408.464	403.364
12)	L3 AR-1232-2	6.000	5.240	990454	858453	1090.312	1078.055
13)	L3 AR-1232-3	6.321	5.431	1866742	480317	1151.992	1137.623
14)	L3 AR-1232-4	6.496	5.529	945286	452019	1179.570	1237.409
15)	L3 AR-1232-5	6.595	5.712	762124	486585	1333.405	1213.575
16)	L4 AR-1242-1	6.297	5.220	1317892	622309	615.202	594.264
17)	L4 AR-1242-2	6.321	5.240	1866742	858453	617.148	595.634
18)	L4 AR-1242-3	6.387	5.431	1137287	480317	598.577	616.841
19)	L4 AR-1242-4	6.496	5.529	945286	452019	629.357	589.209
20)	L4 AR-1242-5	7.285	6.093	123896	397740	79.730	396.265 #
21)	L5 AR-1248-1	6.297	5.220	1317892	622309	825.332	794.077
22)	L5 AR-1248-2	6.595	5.484	762124	388794	356.214	352.690
23)	L5 AR-1248-3	6.814	5.529	918971	452019	365.239	408.534
24)	L5 AR-1248-4	7.245	5.712	139407	486585	53.066	372.854 #
25)	L5 AR-1248-5	7.285	6.136	123896	60845	47.856	45.103
26)	L6 AR-1254-1	7.215	6.093	665980	397740	238.260	192.891
27)	L6 AR-1254-2	7.445	6.254	696841	380283	164.326	210.671 #
28)	L6 AR-1254-3	7.830	6.694f	361548	666826	84.977	240.547 #
29)	L6 AR-1254-4	8.126	6.916	204186	82725	68.429	41.274 #
30)	L6 AR-1254-5	8.559	7.345	2006749	1245547	648.278	492.604
31)	L7 AR-1260-1	7.998	6.812	1516057	892754	509.582	463.251
32)	L7 AR-1260-2	8.265	7.011	1690124	1159172	460.165	455.774
33)	L7 AR-1260-3	8.632	7.165	1041940	1018701	374.982	457.927
34)	L7 AR-1260-4	8.865	7.650	1241433	729965	394.067	419.214
35)	L7 AR-1260-5	9.198	7.899	2339315	1862601	377.646	425.291
36)	L8 AR-1262-1	8.632	7.345	1041940	1245547	288.452	947.694 #
37)	L8 AR-1262-2	9.198	7.899	2339315	1862601	370.879	383.388
38)	L8 AR-1262-3	9.537f	8.187	1532317	348760	529.788	177.481 #
39)	L8 AR-1262-4	9.592	8.249	857867	1194072	483.207	359.500 #
40)	L8 AR-1262-5	10.295	8.750	607293	354945	253.053	241.322
41)	L9 AR-1268-1	9.537f	8.187	1532317	348760	189.450	56.898 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111321\
 Data File : PO082806.D
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 Acq On : 12 Nov 2021 15:54
 Operator : AJ\MA
 Sample : M4654-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

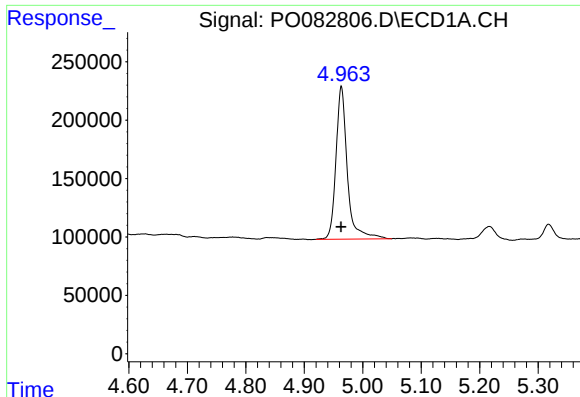
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 01:05:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111221.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	9.592f	8.249	857867	1194072	112.282	229.814 #
43) L9	AR-1268-3	9.844	8.459	45688	33101	7.050	7.676
44) L9	AR-1268-4	10.295	8.750	607293	354945	212.201	205.022
45) L9	AR-1268-5	10.721	9.031	197667	111517	9.114	9.410

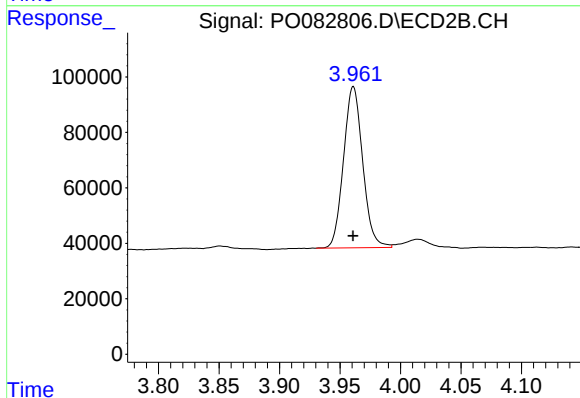
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

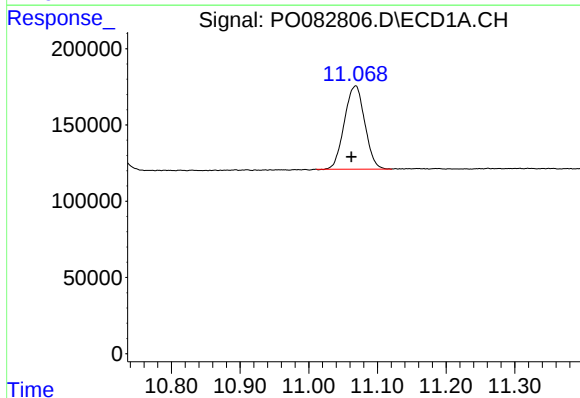
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 1768665
Conc: 19.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



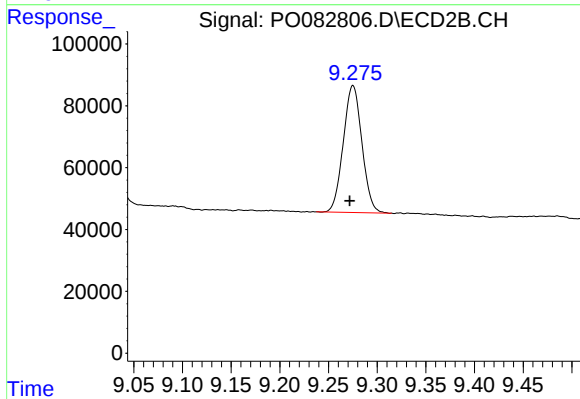
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 641491
Conc: 19.77 ng/ml



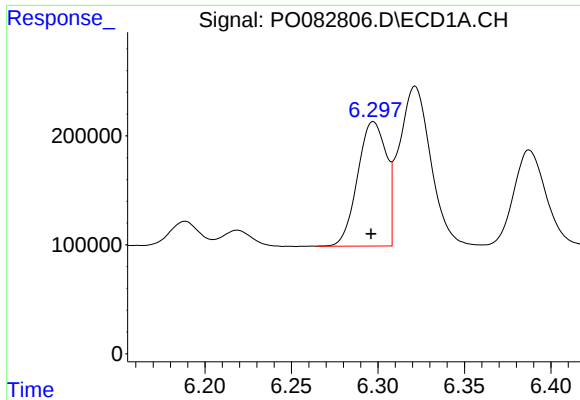
#2 Decachlorobiphenyl

R.T.: 11.068 min
Delta R.T.: 0.006 min
Response: 1123416
Conc: 19.40 ng/ml



#2 Decachlorobiphenyl

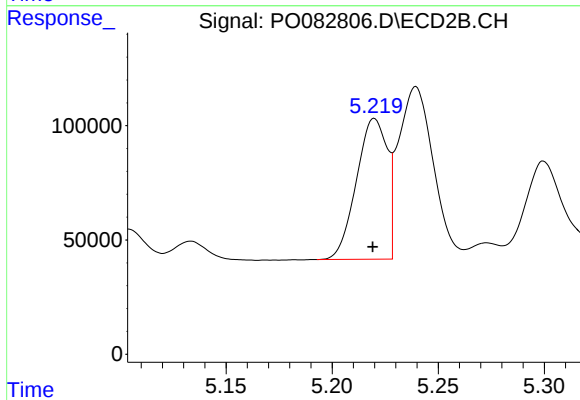
R.T.: 9.275 min
Delta R.T.: 0.003 min
Response: 547147
Conc: 19.30 ng/ml



#3 AR-1016-1

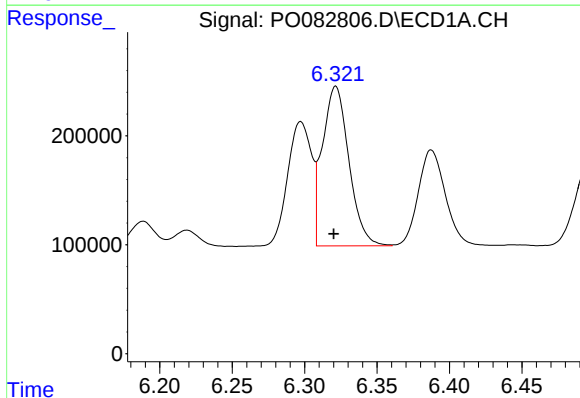
R.T.: 6.297 min
Delta R.T.: 0.001 min
Response: 1317892
Conc: 447.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



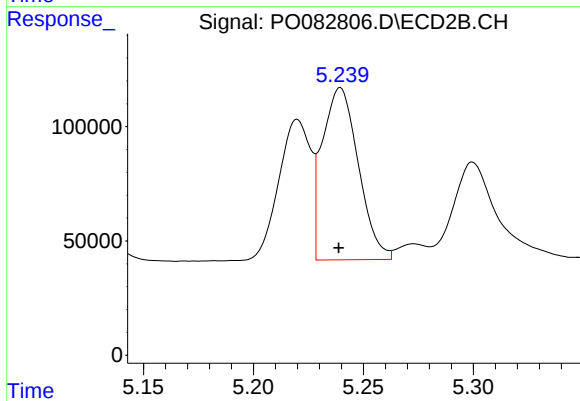
#3 AR-1016-1

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 622309
Conc: 444.76 ng/ml



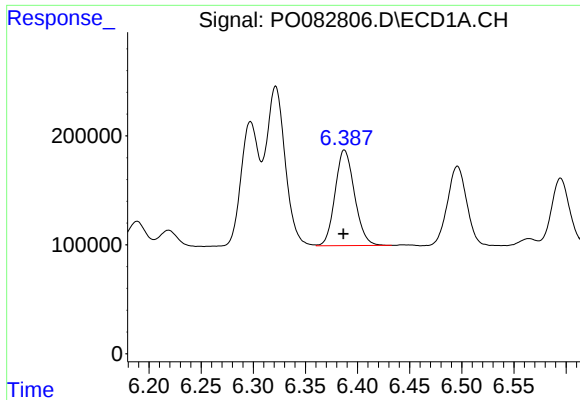
#4 AR-1016-2

R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 1866742
Conc: 449.22 ng/ml



#4 AR-1016-2

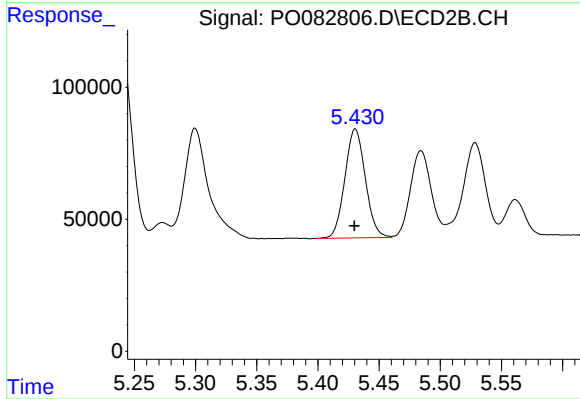
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 858453
Conc: 443.76 ng/ml



#5 AR-1016-3

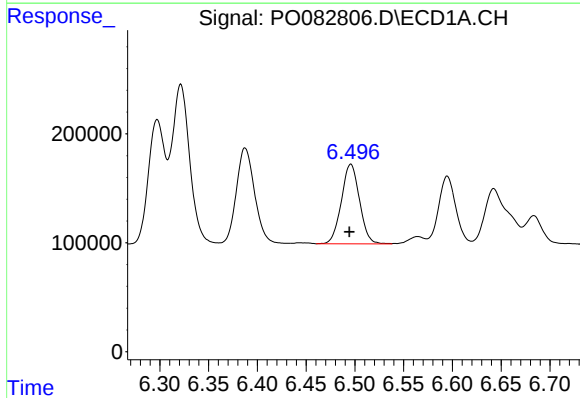
R.T.: 6.387 min
Delta R.T.: 0.001 min
Response: 1137287
Conc: 447.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



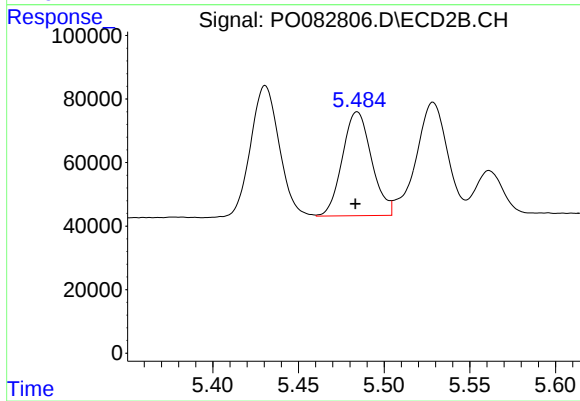
#5 AR-1016-3

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 480317
Conc: 461.73 ng/ml



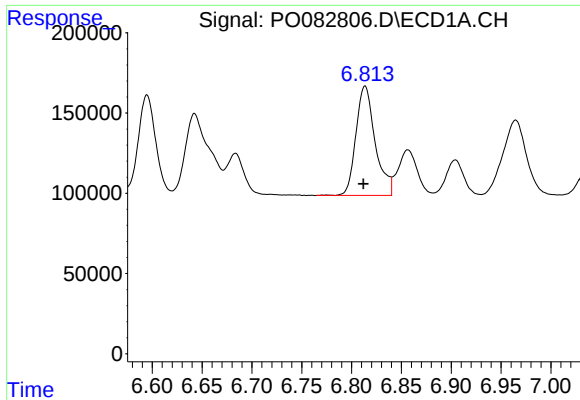
#6 AR-1016-4

R.T.: 6.496 min
Delta R.T.: 0.002 min
Response: 945286
Conc: 461.17 ng/ml



#6 AR-1016-4

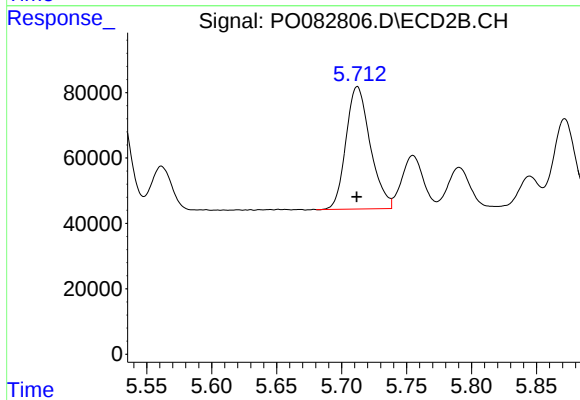
R.T.: 5.484 min
Delta R.T.: 0.001 min
Response: 388794
Conc: 444.49 ng/ml



#7 AR-1016-5

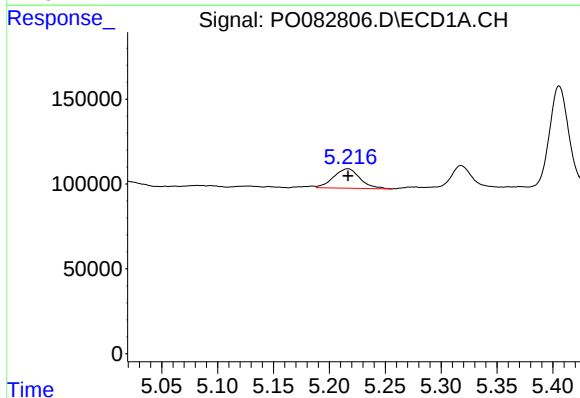
R.T.: 6.814 min
Delta R.T.: 0.002 min
Response: 918971
Conc: 450.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



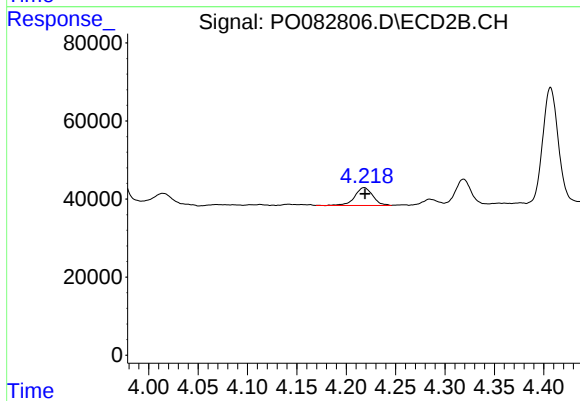
#7 AR-1016-5

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 486585
Conc: 454.68 ng/ml



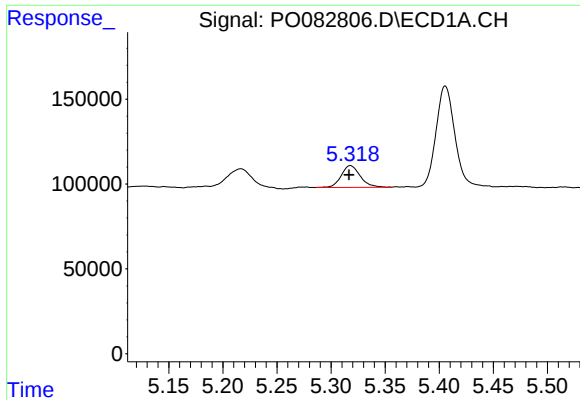
#8 AR-1221-1

R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 188069
Conc: 192.28 ng/ml



#8 AR-1221-1

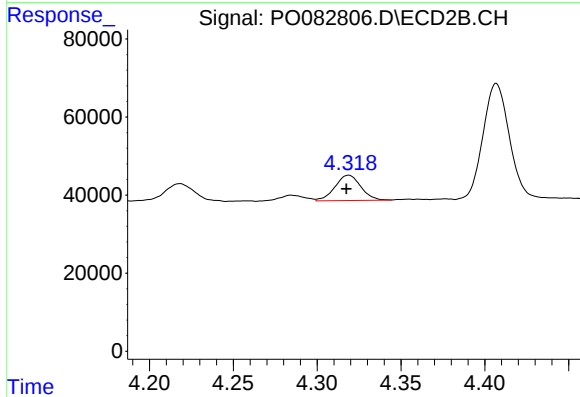
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 57448
Conc: 139.38 ng/ml



#9 AR-1221-2

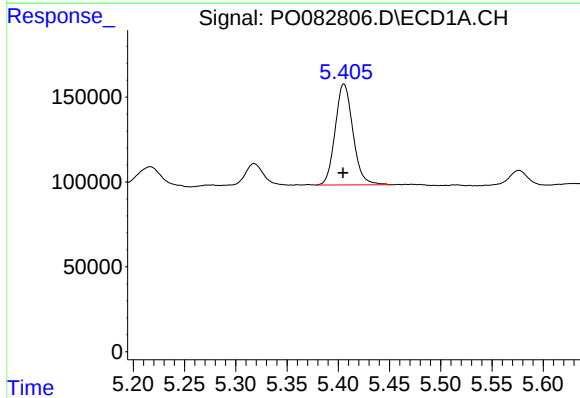
R.T.: 5.318 min
Delta R.T.: 0.001 min
Response: 156792
Conc: 227.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



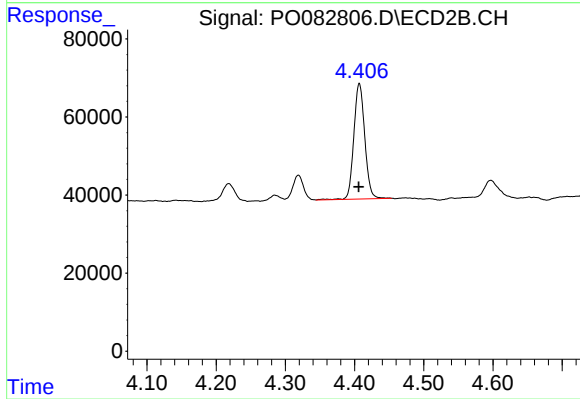
#9 AR-1221-2

R.T.: 4.319 min
Delta R.T.: 0.001 min
Response: 69507
Conc: 220.59 ng/ml



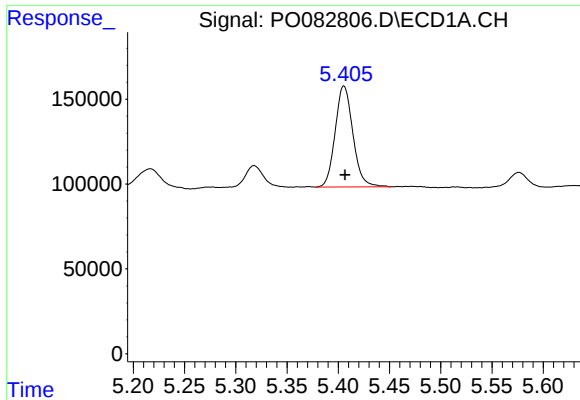
#10 AR-1221-3

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 716968
Conc: 327.10 ng/ml



#10 AR-1221-3

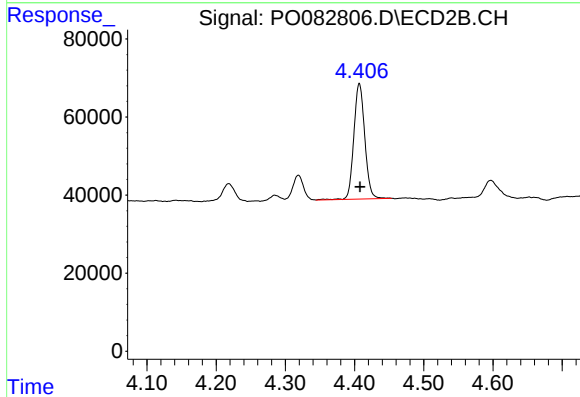
R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 326729
Conc: 330.36 ng/ml



#11 AR-1232-1

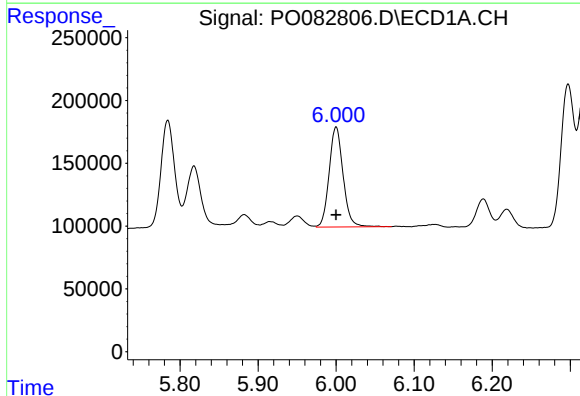
R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 716968
Conc: 408.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



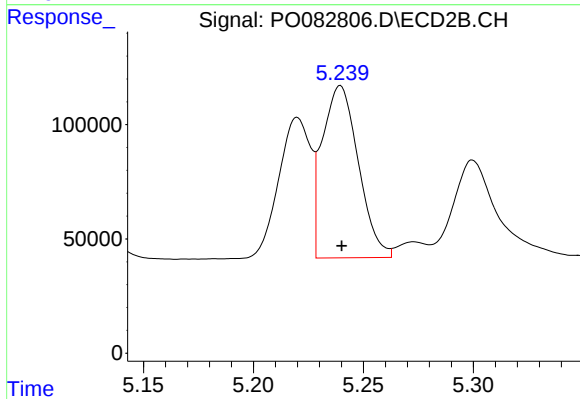
#11 AR-1232-1

R.T.: 4.407 min
Delta R.T.: -0.001 min
Response: 326729
Conc: 403.36 ng/ml



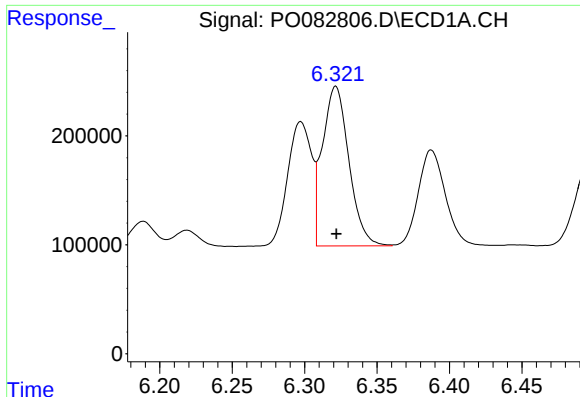
#12 AR-1232-2

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 990454
Conc: 1090.31 ng/ml



#12 AR-1232-2

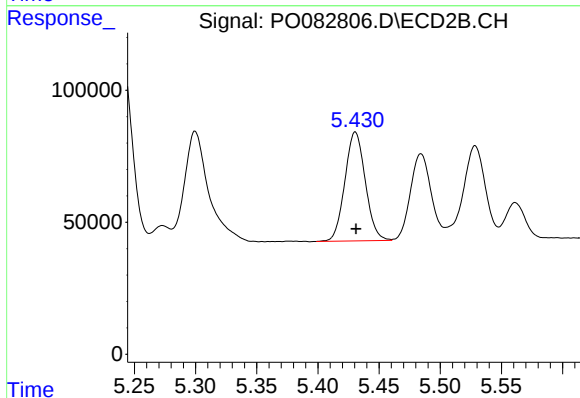
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 858453
Conc: 1078.06 ng/ml



#13 AR-1232-3

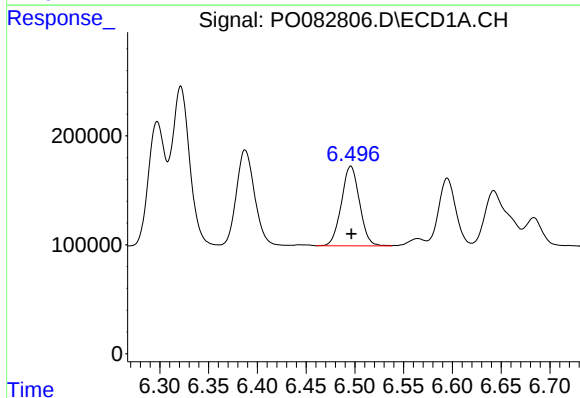
R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 1866742
Conc: 1151.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



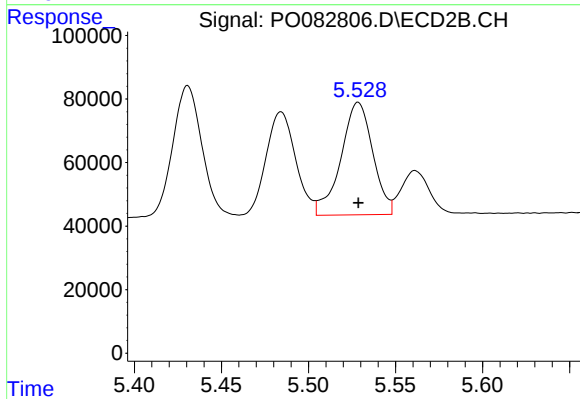
#13 AR-1232-3

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 480317
Conc: 1137.62 ng/ml



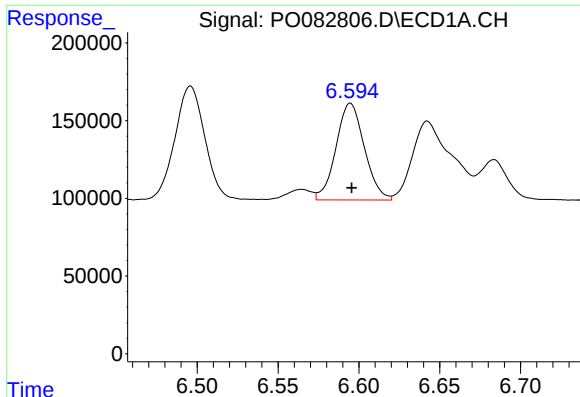
#14 AR-1232-4

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 945286
Conc: 1179.57 ng/ml



#14 AR-1232-4

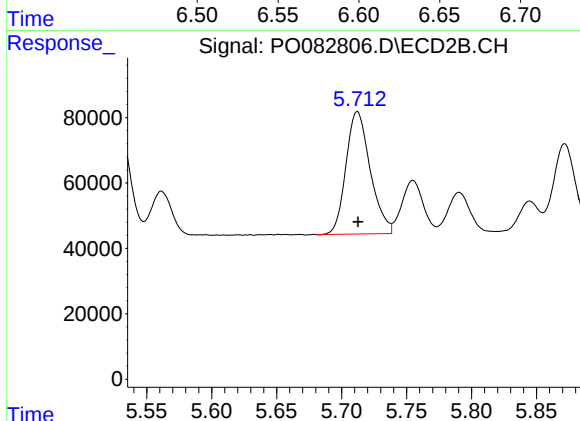
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 452019
Conc: 1237.41 ng/ml



#15 AR-1232-5

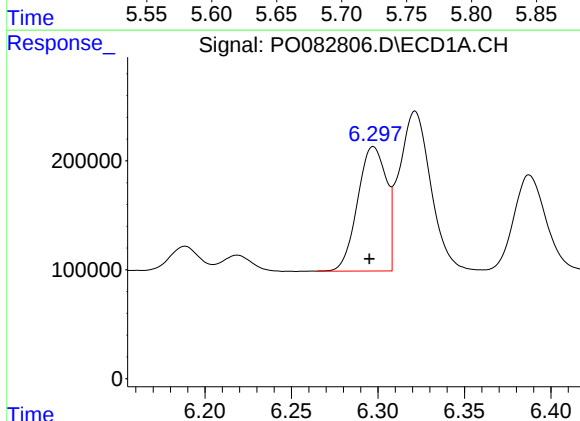
R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 762124
Conc: 1333.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



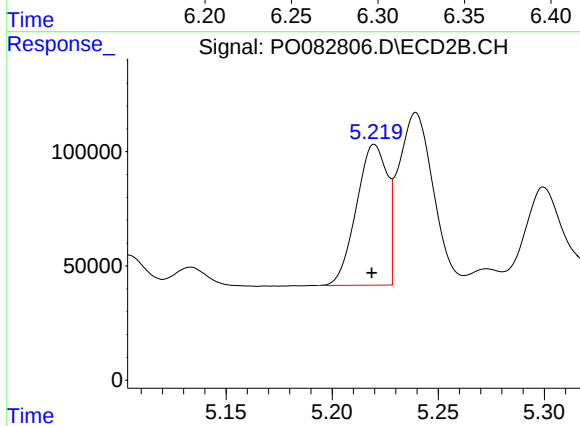
#15 AR-1232-5

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 486585
Conc: 1213.57 ng/ml



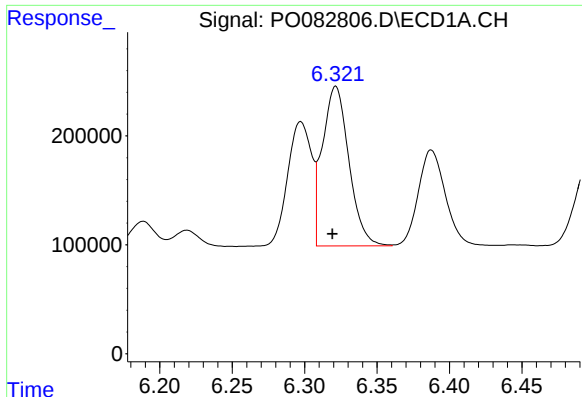
#16 AR-1242-1

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 1317892
Conc: 615.20 ng/ml



#16 AR-1242-1

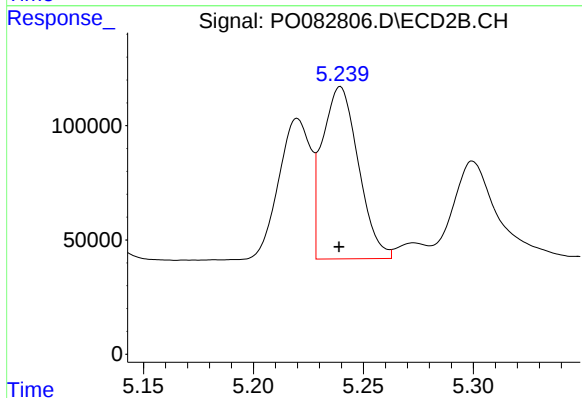
R.T.: 5.220 min
Delta R.T.: 0.001 min
Response: 622309
Conc: 594.26 ng/ml



#17 AR-1242-2

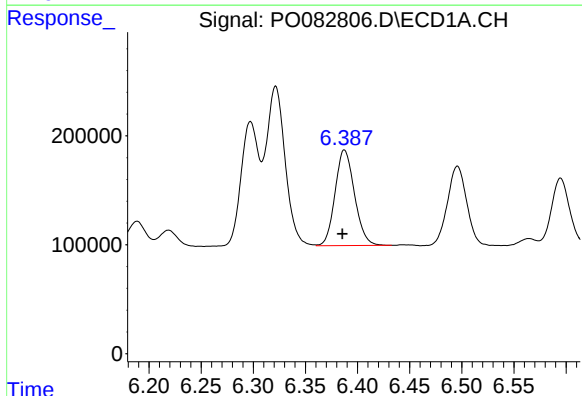
R.T.: 6.321 min
Delta R.T.: 0.002 min
Response: 1866742
Conc: 617.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



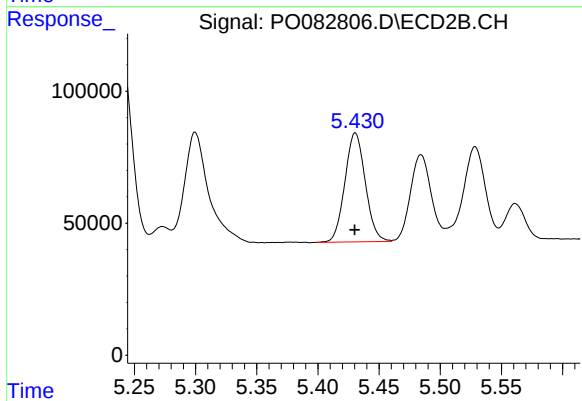
#17 AR-1242-2

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 858453
Conc: 595.63 ng/ml



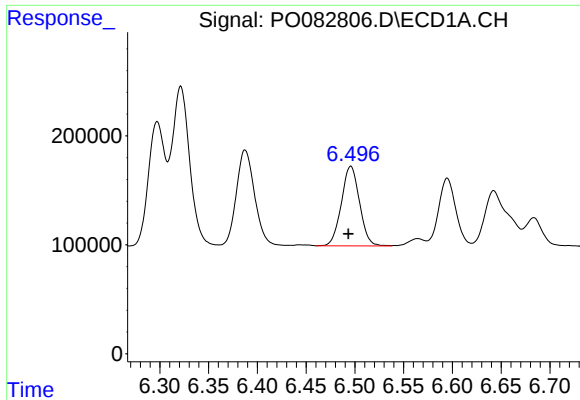
#18 AR-1242-3

R.T.: 6.387 min
Delta R.T.: 0.002 min
Response: 1137287
Conc: 598.58 ng/ml



#18 AR-1242-3

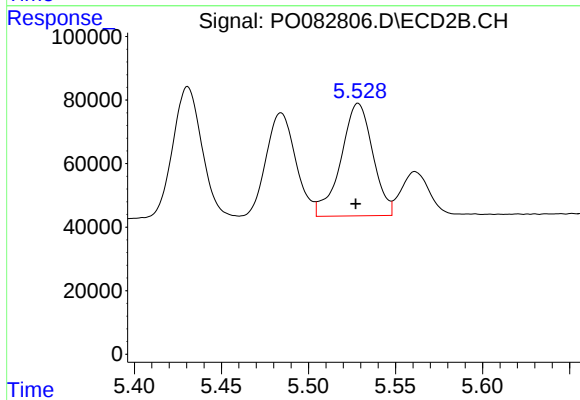
R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 480317
Conc: 616.84 ng/ml



#19 AR-1242-4

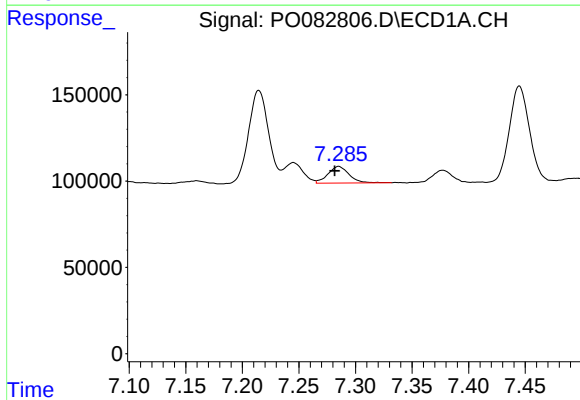
R.T.: 6.496 min
Delta R.T.: 0.003 min
Response: 945286
Conc: 629.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



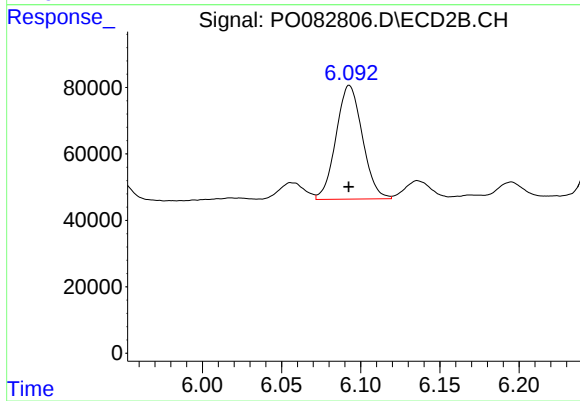
#19 AR-1242-4

R.T.: 5.529 min
Delta R.T.: 0.001 min
Response: 452019
Conc: 589.21 ng/ml



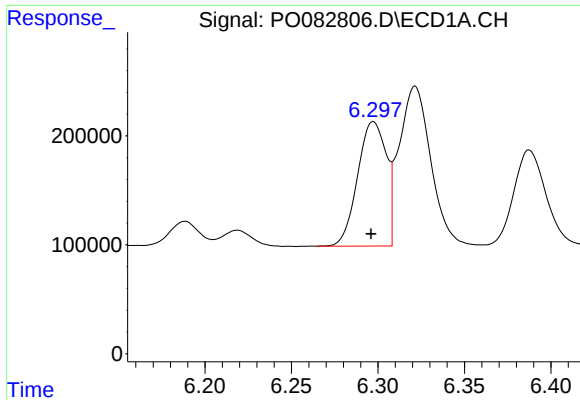
#20 AR-1242-5

R.T.: 7.285 min
Delta R.T.: 0.003 min
Response: 123896
Conc: 79.73 ng/ml



#20 AR-1242-5

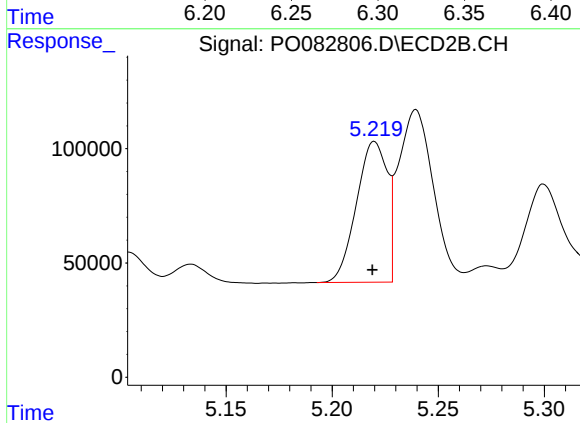
R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 397740
Conc: 396.27 ng/ml



#21 AR-1248-1

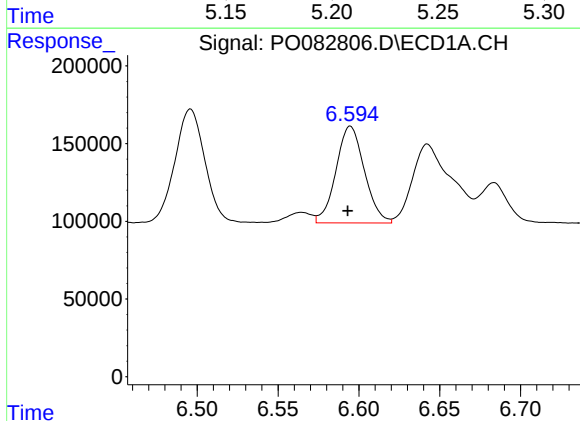
R.T.: 6.297 min
Delta R.T.: 0.001 min
Response: 1317892
Conc: 825.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



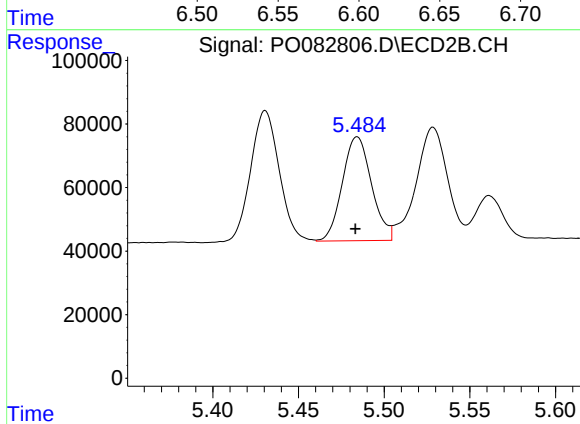
#21 AR-1248-1

R.T.: 5.220 min
Delta R.T.: 0.001 min
Response: 622309
Conc: 794.08 ng/ml



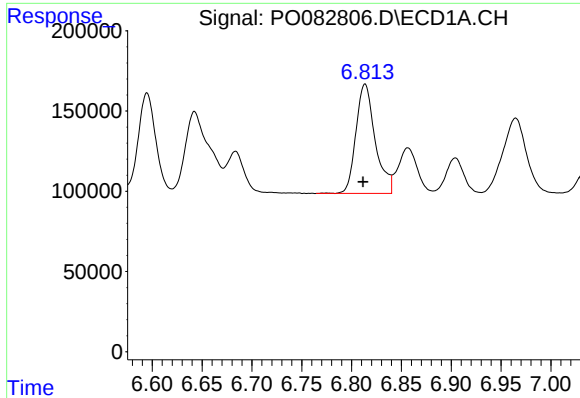
#22 AR-1248-2

R.T.: 6.595 min
Delta R.T.: 0.002 min
Response: 762124
Conc: 356.21 ng/ml



#22 AR-1248-2

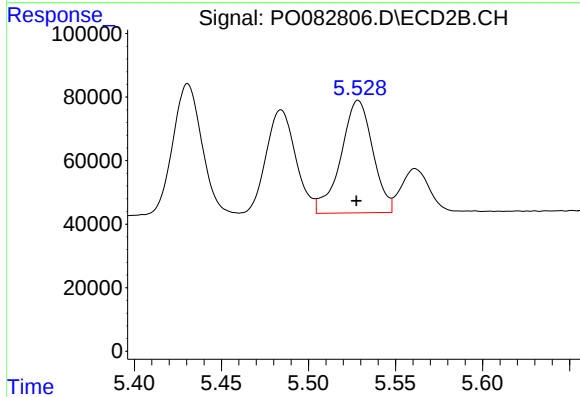
R.T.: 5.484 min
Delta R.T.: 0.001 min
Response: 388794
Conc: 352.69 ng/ml



#23 AR-1248-3

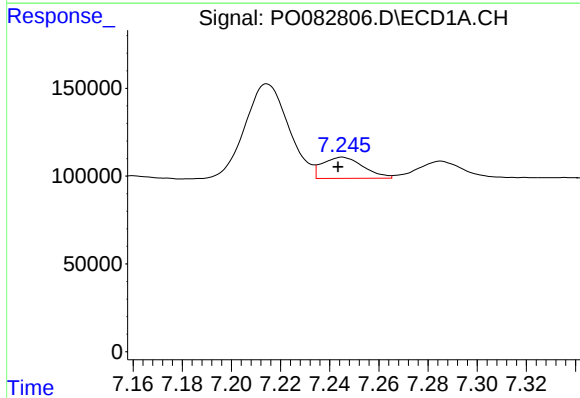
R.T.: 6.814 min
Delta R.T.: 0.002 min
Response: 918971
Conc: 365.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



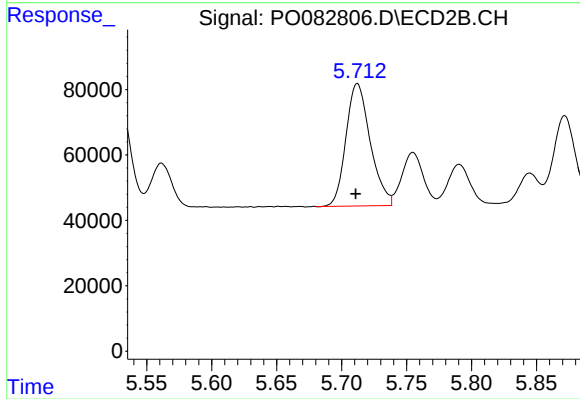
#23 AR-1248-3

R.T.: 5.529 min
Delta R.T.: 0.001 min
Response: 452019
Conc: 408.53 ng/ml



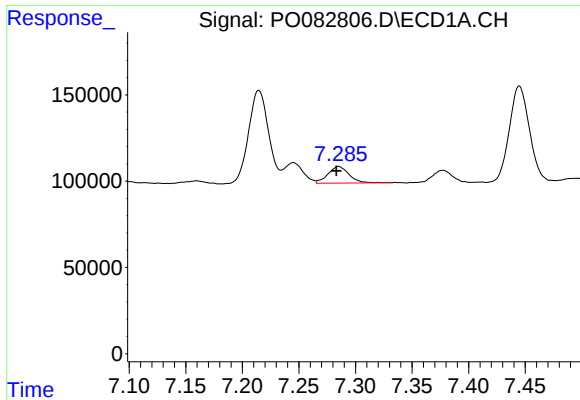
#24 AR-1248-4

R.T.: 7.245 min
Delta R.T.: 0.002 min
Response: 139407
Conc: 53.07 ng/ml



#24 AR-1248-4

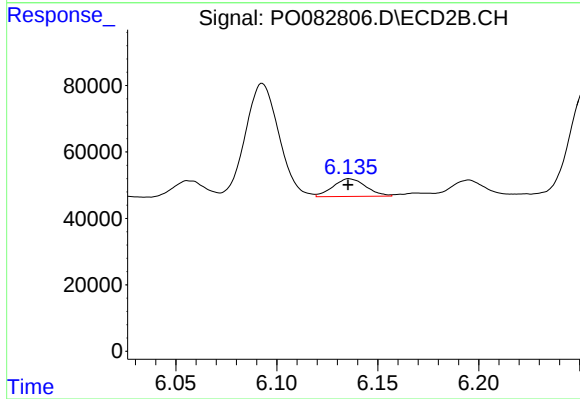
R.T.: 5.712 min
Delta R.T.: 0.001 min
Response: 486585
Conc: 372.85 ng/ml



#25 AR-1248-5

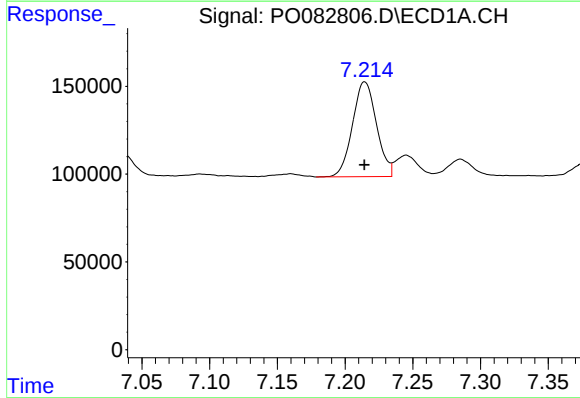
R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 123896
Conc: 47.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



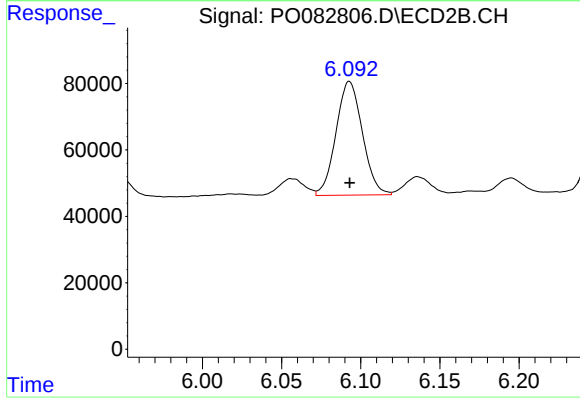
#25 AR-1248-5

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 60845
Conc: 45.10 ng/ml



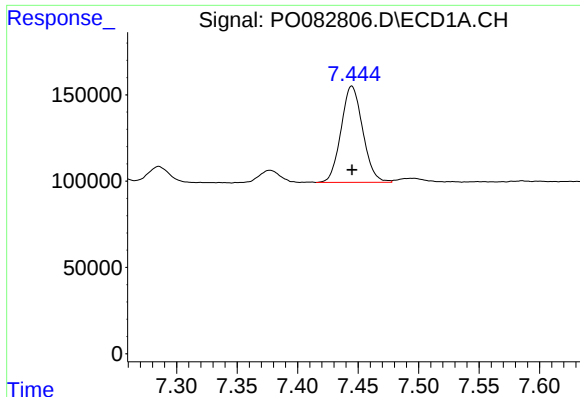
#26 AR-1254-1

R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 665980
Conc: 238.26 ng/ml



#26 AR-1254-1

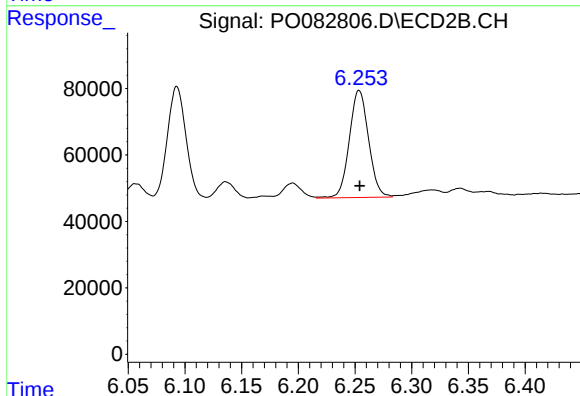
R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 397740
Conc: 192.89 ng/ml



#27 AR-1254-2

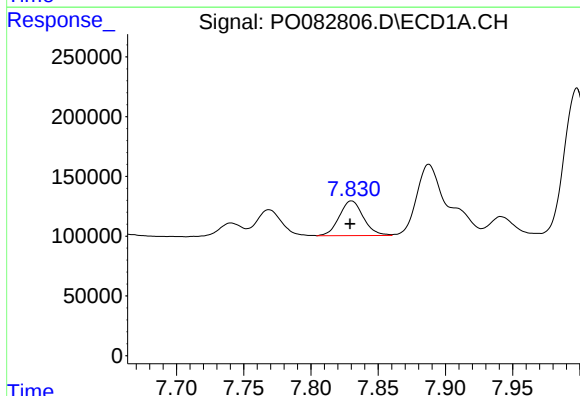
R.T.: 7.445 min
Delta R.T.: 0.000 min
Response: 696841
Conc: 164.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



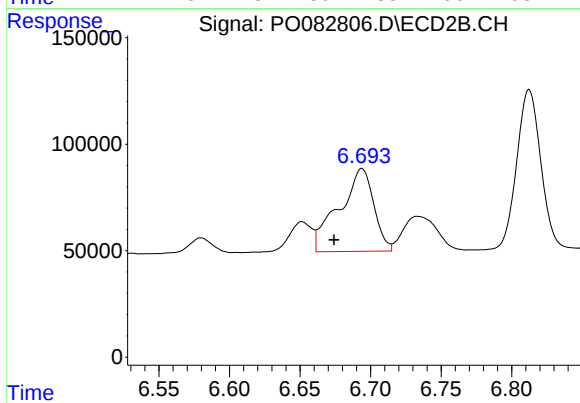
#27 AR-1254-2

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 380283
Conc: 210.67 ng/ml



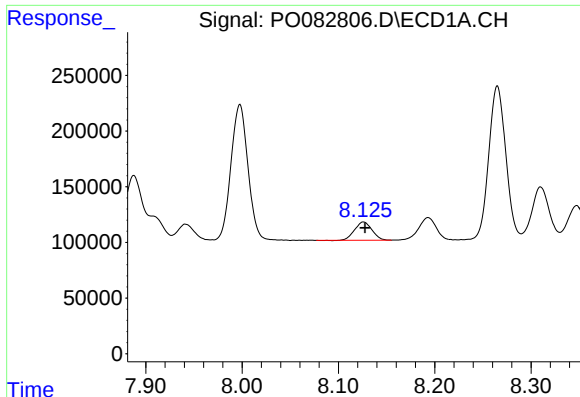
#28 AR-1254-3

R.T.: 7.830 min
Delta R.T.: 0.001 min
Response: 361548
Conc: 84.98 ng/ml



#28 AR-1254-3

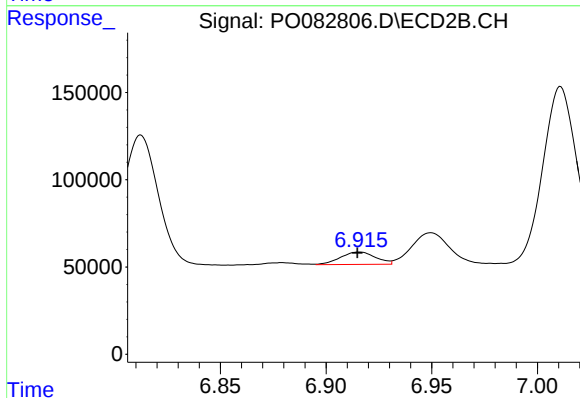
R.T.: 6.694 min
Delta R.T.: 0.020 min
Response: 666826
Conc: 240.55 ng/ml



#29 AR-1254-4

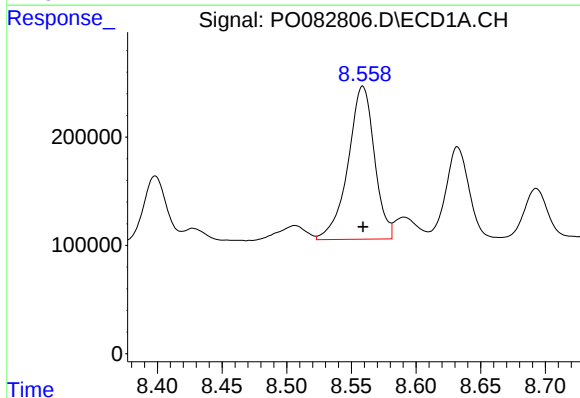
R.T.: 8.126 min
Delta R.T.: -0.001 min
Response: 204186
Conc: 68.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



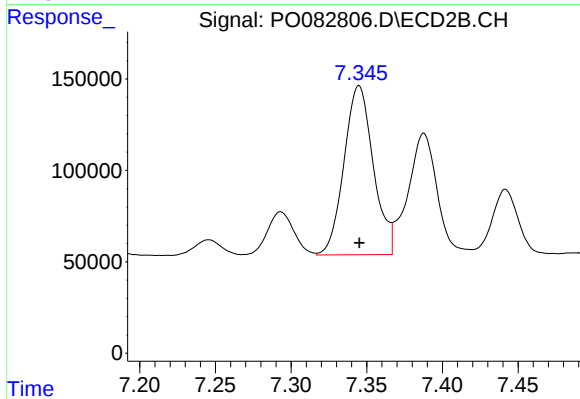
#29 AR-1254-4

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 82725
Conc: 41.27 ng/ml



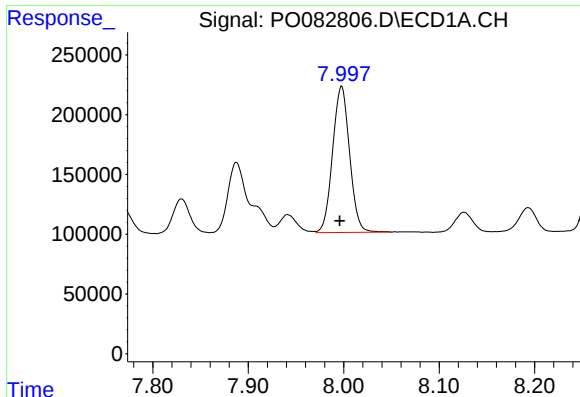
#30 AR-1254-5

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 2006749
Conc: 648.28 ng/ml



#30 AR-1254-5

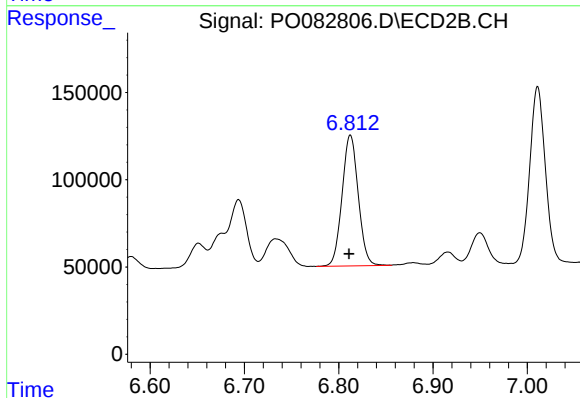
R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 1245547
Conc: 492.60 ng/ml



#31 AR-1260-1

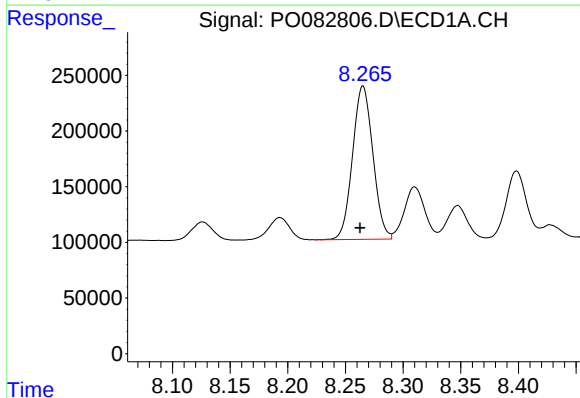
R.T.: 7.998 min
Delta R.T.: 0.002 min
Response: 1516057
Conc: 509.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



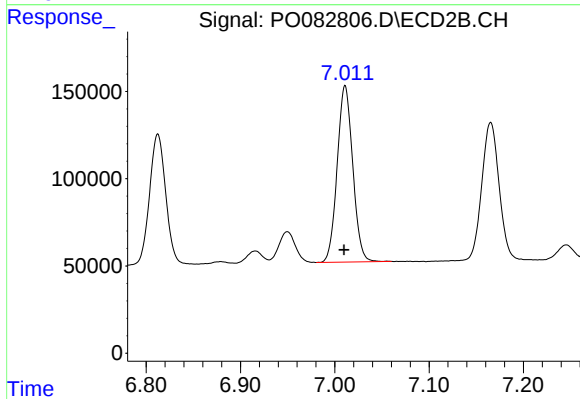
#31 AR-1260-1

R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 892754
Conc: 463.25 ng/ml



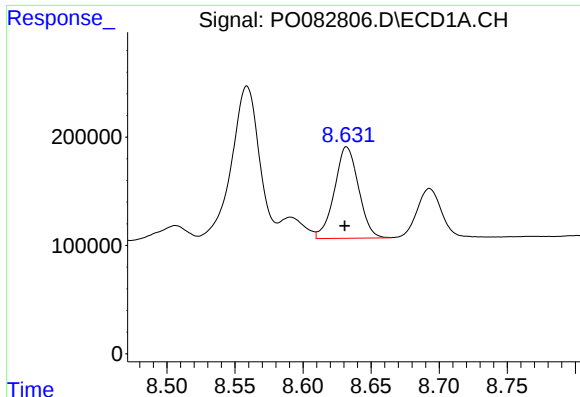
#32 AR-1260-2

R.T.: 8.265 min
Delta R.T.: 0.003 min
Response: 1690124
Conc: 460.16 ng/ml



#32 AR-1260-2

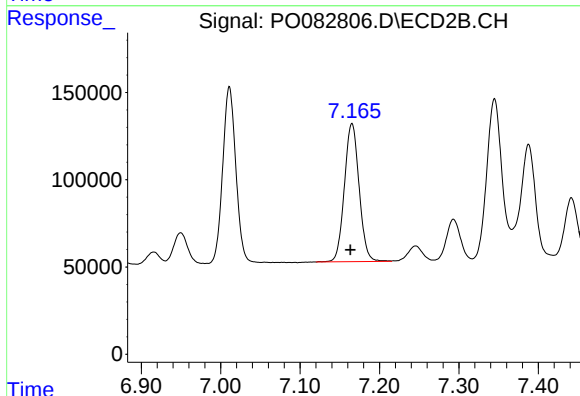
R.T.: 7.011 min
Delta R.T.: 0.001 min
Response: 1159172
Conc: 455.77 ng/ml



#33 AR-1260-3

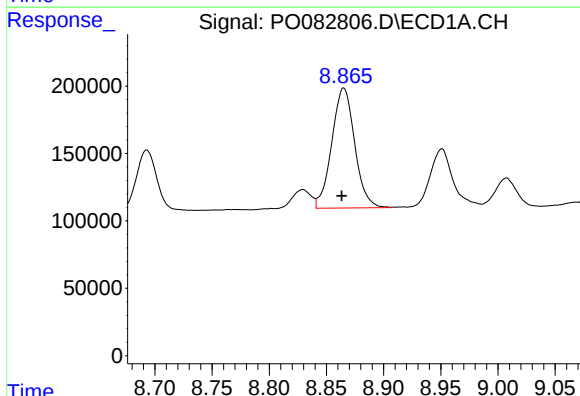
R.T.: 8.632 min
Delta R.T.: 0.002 min
Response: 1041940
Conc: 374.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



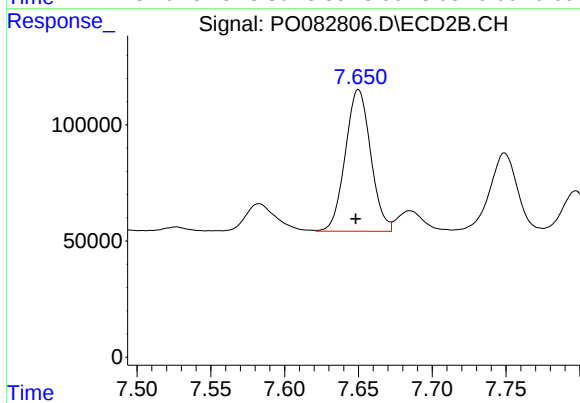
#33 AR-1260-3

R.T.: 7.165 min
Delta R.T.: 0.002 min
Response: 1018701
Conc: 457.93 ng/ml



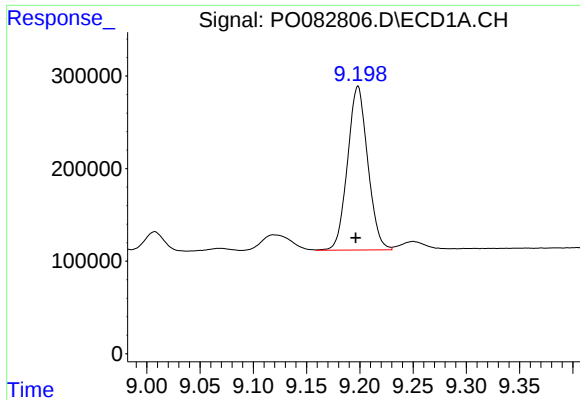
#34 AR-1260-4

R.T.: 8.865 min
Delta R.T.: 0.002 min
Response: 1241433
Conc: 394.07 ng/ml



#34 AR-1260-4

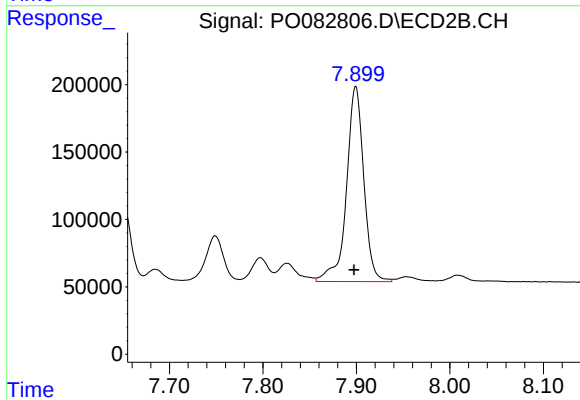
R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 729965
Conc: 419.21 ng/ml



#35 AR-1260-5

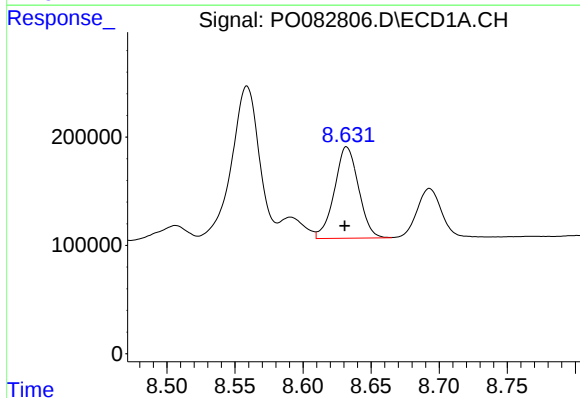
R.T.: 9.198 min
Delta R.T.: 0.002 min
Response: 2339315
Conc: 377.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



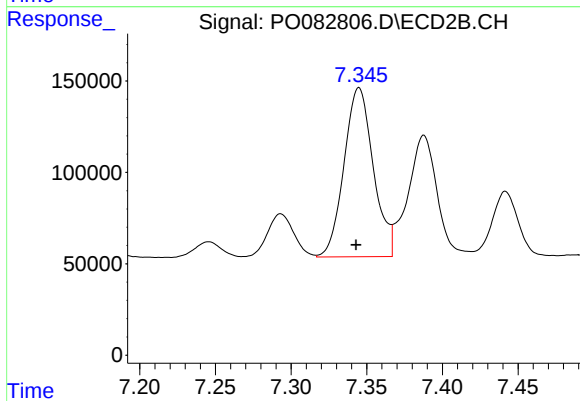
#35 AR-1260-5

R.T.: 7.899 min
Delta R.T.: 0.002 min
Response: 1862601
Conc: 425.29 ng/ml



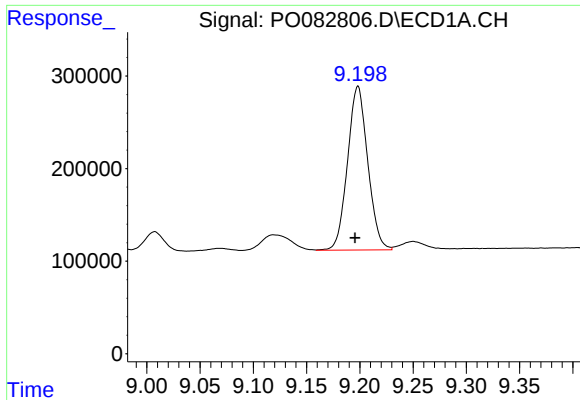
#36 AR-1262-1

R.T.: 8.632 min
Delta R.T.: 0.001 min
Response: 1041940
Conc: 288.45 ng/ml



#36 AR-1262-1

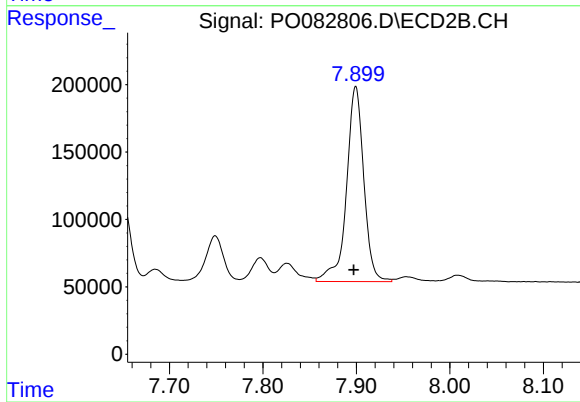
R.T.: 7.345 min
Delta R.T.: 0.002 min
Response: 1245547
Conc: 947.69 ng/ml



#37 AR-1262-2

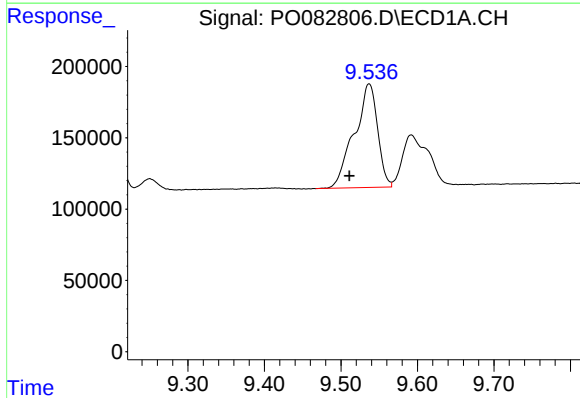
R.T.: 9.198 min
Delta R.T.: 0.003 min
Response: 2339315
Conc: 370.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



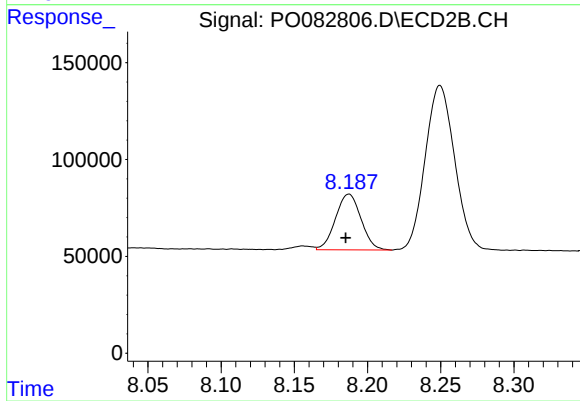
#37 AR-1262-2

R.T.: 7.899 min
Delta R.T.: 0.002 min
Response: 1862601
Conc: 383.39 ng/ml



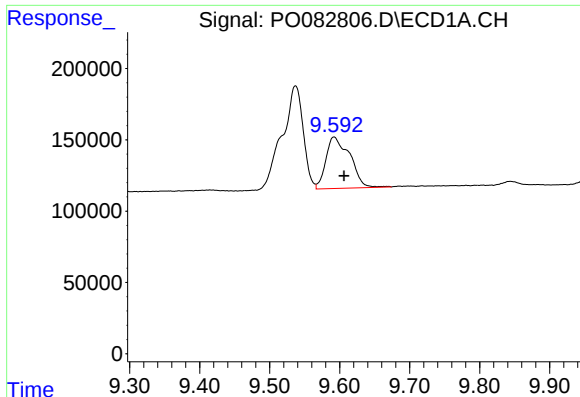
#38 AR-1262-3

R.T.: 9.537 min
Delta R.T.: 0.026 min
Response: 1532317
Conc: 529.79 ng/ml



#38 AR-1262-3

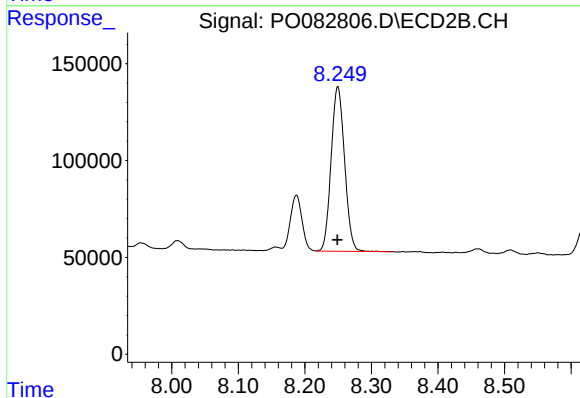
R.T.: 8.187 min
Delta R.T.: 0.002 min
Response: 348760
Conc: 177.48 ng/ml



#39 AR-1262-4

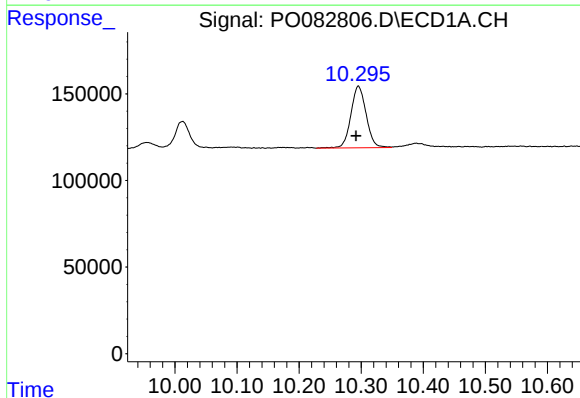
R.T.: 9.592 min
Delta R.T.: -0.014 min
Response: 857867
Conc: 483.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



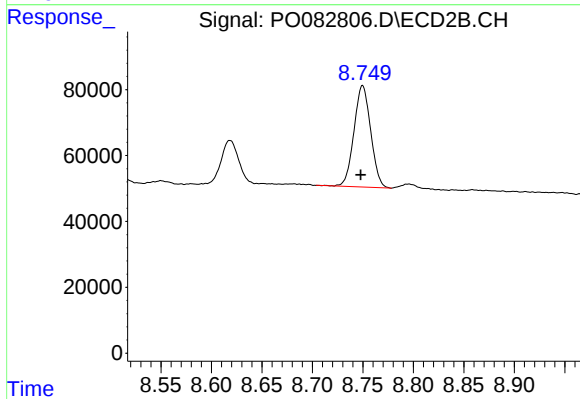
#39 AR-1262-4

R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 1194072
Conc: 359.50 ng/ml



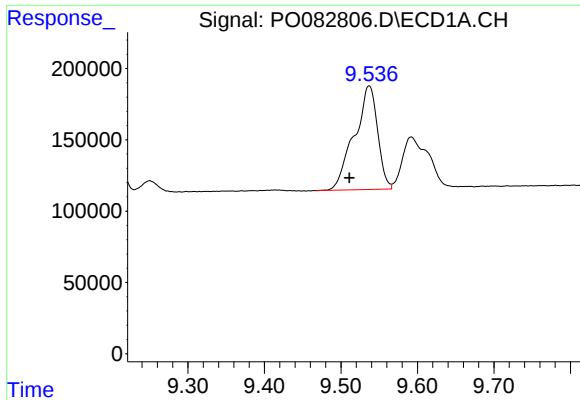
#40 AR-1262-5

R.T.: 10.295 min
Delta R.T.: 0.004 min
Response: 607293
Conc: 253.05 ng/ml



#40 AR-1262-5

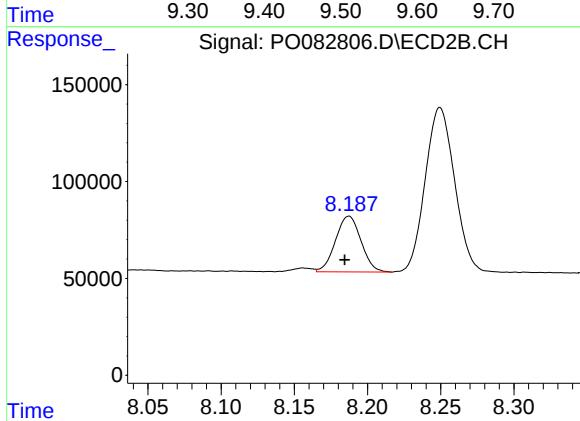
R.T.: 8.750 min
Delta R.T.: 0.002 min
Response: 354945
Conc: 241.32 ng/ml



#41 AR-1268-1

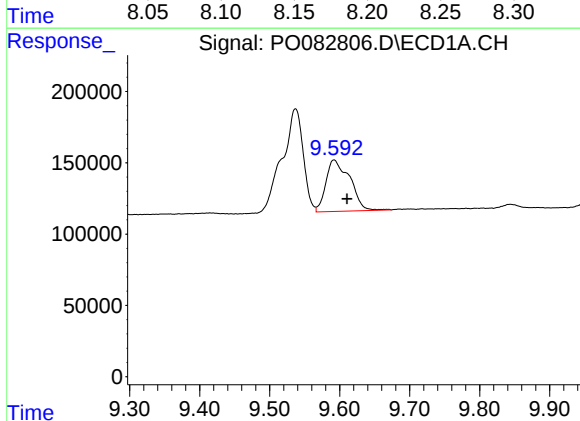
R.T.: 9.537 min
Delta R.T.: 0.026 min
Response: 1532317
Conc: 189.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



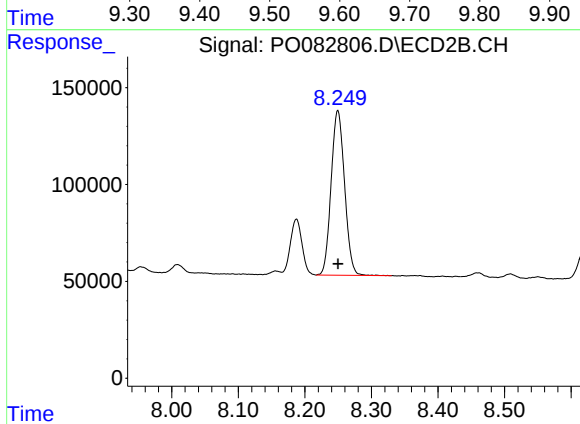
#41 AR-1268-1

R.T.: 8.187 min
Delta R.T.: 0.003 min
Response: 348760
Conc: 56.90 ng/ml



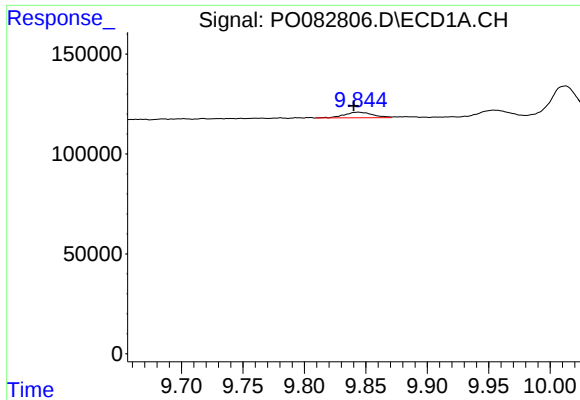
#42 AR-1268-2

R.T.: 9.592 min
Delta R.T.: -0.019 min
Response: 857867
Conc: 112.28 ng/ml



#42 AR-1268-2

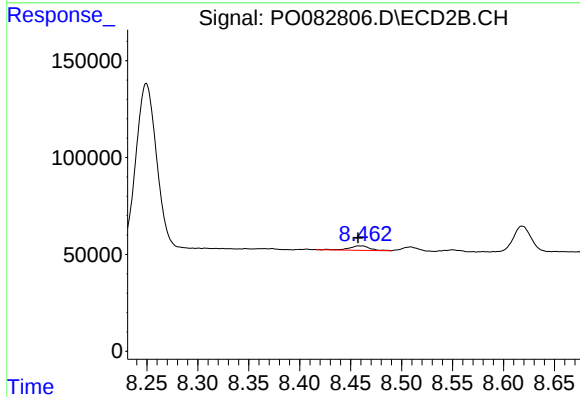
R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 1194072
Conc: 229.81 ng/ml



#43 AR-1268-3

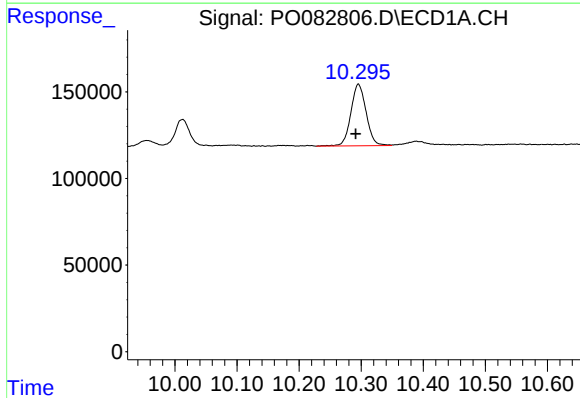
R.T.: 9.844 min
Delta R.T.: 0.004 min
Response: 45688
Conc: 7.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



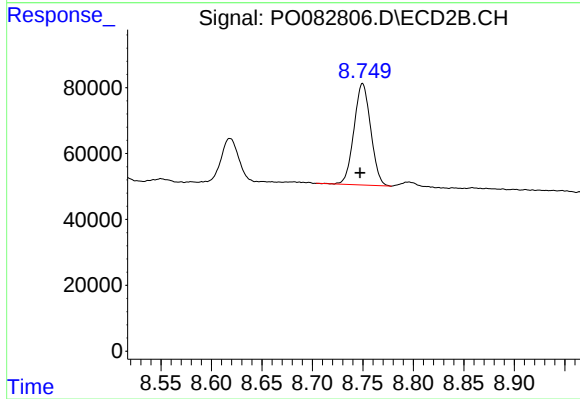
#43 AR-1268-3

R.T.: 8.459 min
Delta R.T.: 0.002 min
Response: 33101
Conc: 7.68 ng/ml



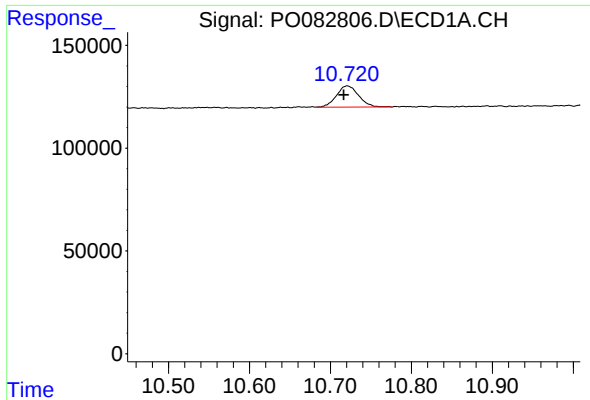
#44 AR-1268-4

R.T.: 10.295 min
Delta R.T.: 0.004 min
Response: 607293
Conc: 212.20 ng/ml



#44 AR-1268-4

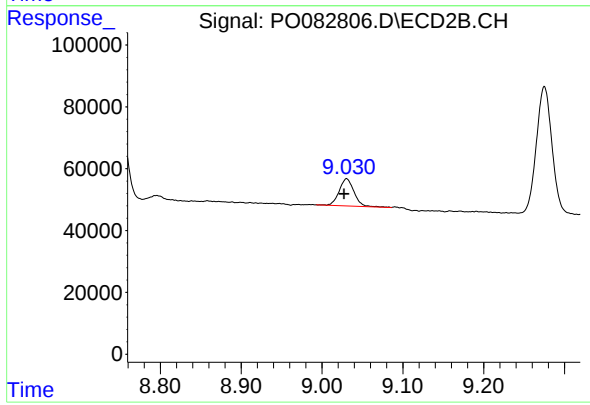
R.T.: 8.750 min
Delta R.T.: 0.003 min
Response: 354945
Conc: 205.02 ng/ml



#45 AR-1268-5

R.T.: 10.721 min
Delta R.T.: 0.004 min
Response: 197667
Conc: 9.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.031 min
Delta R.T.: 0.003 min
Response: 111517
Conc: 9.41 ng/ml