

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110719\
 Data File : P0063539.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Nov 2019 14:06
 Operator : SM/AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC050

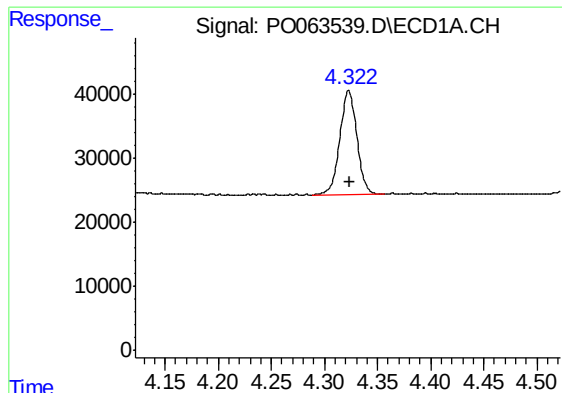
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:36:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0110719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 02:28:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation 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...	4.323	3.577	182194	110332	5.506	5.226
2)	SA Decachlor...	9.952	8.554	308261	167170	5.618	5.640
Target Compounds							
3)	L1 AR-1016-1	5.484	4.657	81578	45636	58.797	54.180
4)	L1 AR-1016-2	5.506	4.676	114865	58918	56.896	51.699
5)	L1 AR-1016-3	5.568	4.852	72660	33494	57.254	53.965
6)	L1 AR-1016-4	5.665	4.852	58996	33494	56.944	64.088
7)	L1 AR-1016-5	5.957	5.104	48919	36837	43.902	54.321
12)	L3 AR-1232-2	5.218	4.676	54753	58918	83.878	71.576
13)	L3 AR-1232-3	5.506	4.852	114865	33494	81.237	77.051
14)	L3 AR-1232-4	5.665	0.000	58996	0	82.285	N.D. #
15)	L3 AR-1232-5	5.754	5.104	53236	36837	95.278	84.052
16)	L4 AR-1242-1	5.484	4.657	81578	45636	82.568	75.672
17)	L4 AR-1242-2	5.506	4.676	114865	58918	79.814	71.050
18)	L4 AR-1242-3	5.568	4.852	72660	33494	79.641	75.410
19)	L4 AR-1242-4	5.665	0.000	58996	0	79.597	N.D. #
20)	L4 AR-1242-5	6.331	0.000	35195	0	36.522	N.D. #
21)	L5 AR-1248-1	5.484	4.657	81578	45636	100.881	92.637
22)	L5 AR-1248-2	5.754	4.852	53236	33494	43.899	49.004
23)	L5 AR-1248-3	5.957	0.000	48919	0	35.097	N.D. #
24)	L5 AR-1248-4	6.331	5.104	35195	36837	20.646	42.251 #
25)	L5 AR-1248-5	6.331	0.000	35195	0	21.397	N.D. #
26)	L6 AR-1254-1	6.331	0.000	35195	0	20.714	N.D. #
27)	L6 AR-1254-2	6.549	0.000	51010	0	18.455	N.D. #
28)	L6 AR-1254-3	6.971	6.018	73839	62066	23.219	28.782
30)	L6 AR-1254-5	7.615	6.646	177577	106133	63.636	54.609
31)	L7 AR-1260-1	7.077	6.133	140393	79562	58.418	56.249
32)	L7 AR-1260-2	7.334	6.319	179902	101185	59.560	57.205
33)	L7 AR-1260-3	7.690	6.473	124221	89147	53.679	54.869
34)	L7 AR-1260-4	7.915	6.943	156762	76753	56.487	54.405
35)	L7 AR-1260-5	8.226	7.183	301137	178134	54.277	52.878
36)	L8 AR-1262-1	7.690	6.737	124221	38585	38.869	49.094 #
37)	L8 AR-1262-2	8.226	7.183	301137	178134	50.260	50.319
38)	L8 AR-1262-3	8.541	7.468	196925	37081	48.817	26.702 #
39)	L8 AR-1262-4	8.592	7.530	122338	133965	40.416	51.161 #
40)	L8 AR-1262-5	9.241	8.022	69747	46994	34.484	41.058
41)	L9 AR-1268-1	8.541	7.468	196925	37081	28.359	9.125 #
42)	L9 AR-1268-2	8.592	7.530	122338	133965	19.270	36.360 #
44)	L9 AR-1268-4	9.241	8.022	69747	46994	31.178	36.660

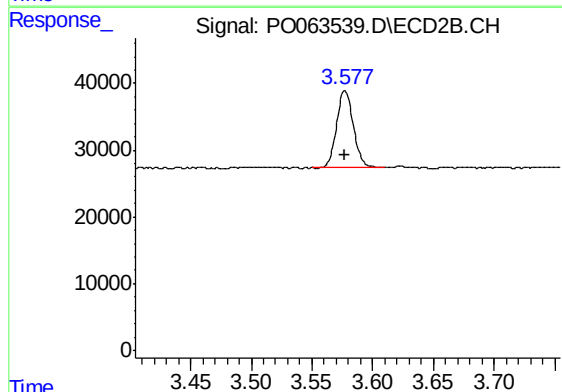
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

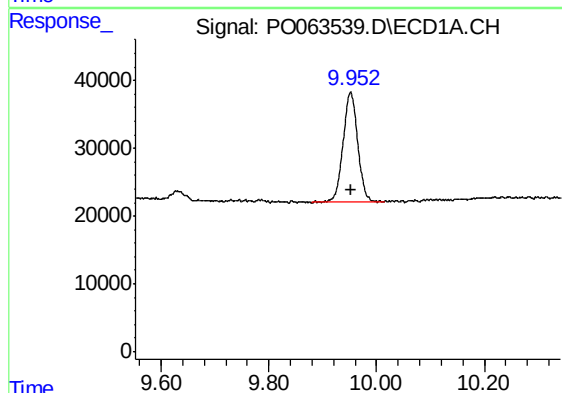
R.T.: 4.323 min
Delta R.T.: -0.001 min
Response: 182194
Conc: 5.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



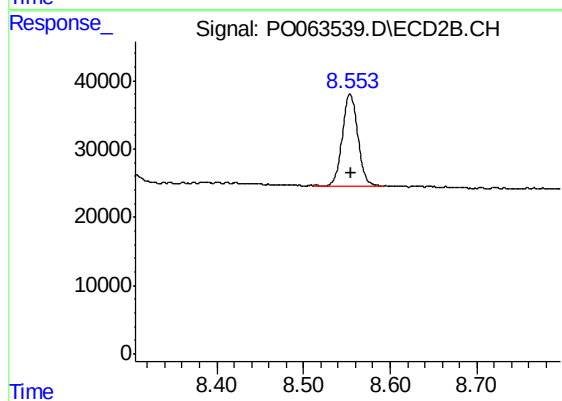
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: 0.000 min
Response: 110332
Conc: 5.23 ng/ml



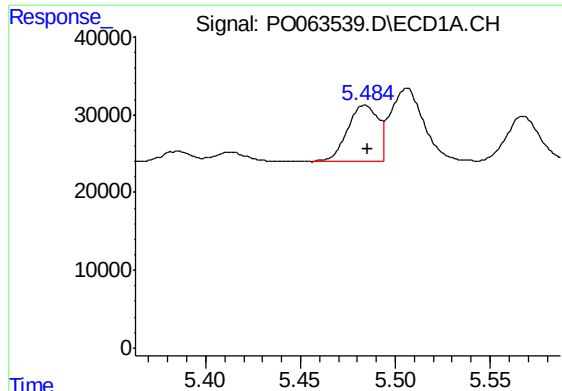
#2 Decachlorobiphenyl

R.T.: 9.952 min
Delta R.T.: 0.000 min
Response: 308261
Conc: 5.62 ng/ml



#2 Decachlorobiphenyl

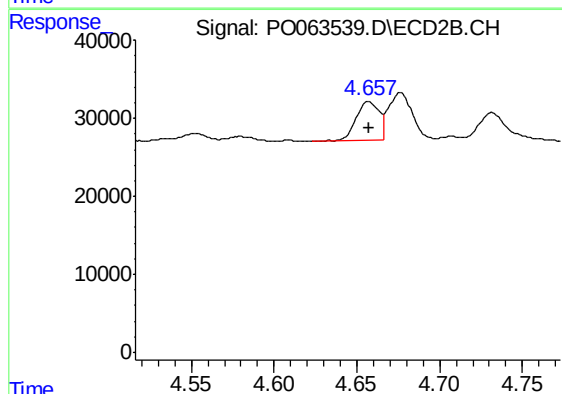
R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 167170
Conc: 5.64 ng/ml



#3 AR-1016-1

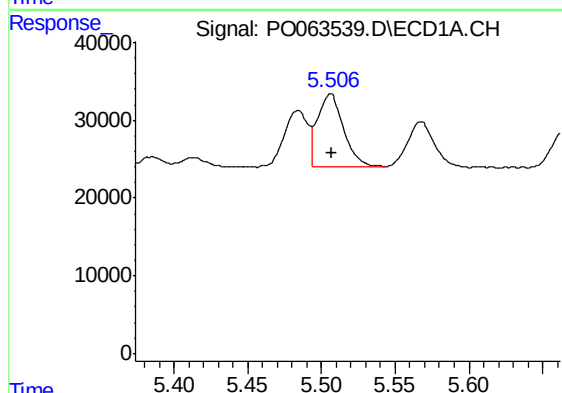
R.T.: 5.484 min
Delta R.T.: -0.001 min
Response: 81578
Conc: 58.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



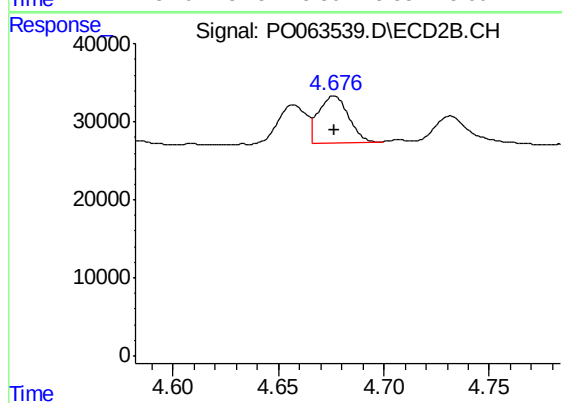
#3 AR-1016-1

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 45636
Conc: 54.18 ng/ml



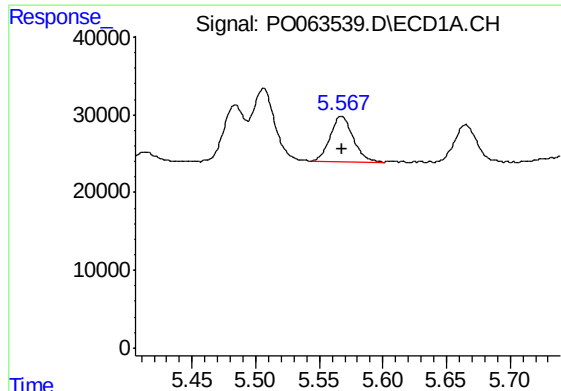
#4 AR-1016-2

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 114865
Conc: 56.90 ng/ml



#4 AR-1016-2

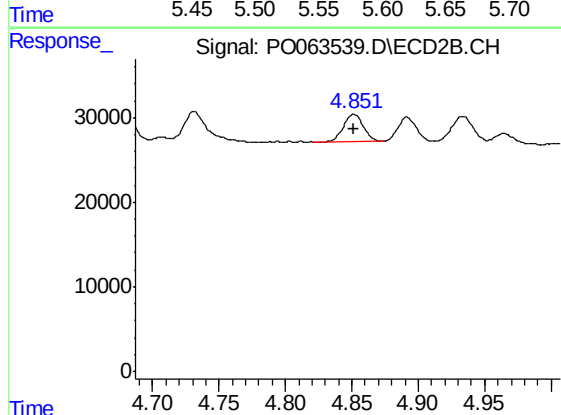
R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 58918
Conc: 51.70 ng/ml



#5 AR-1016-3

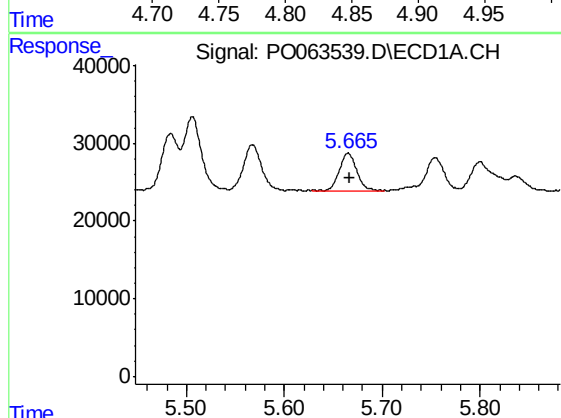
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 72660
Conc: 57.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



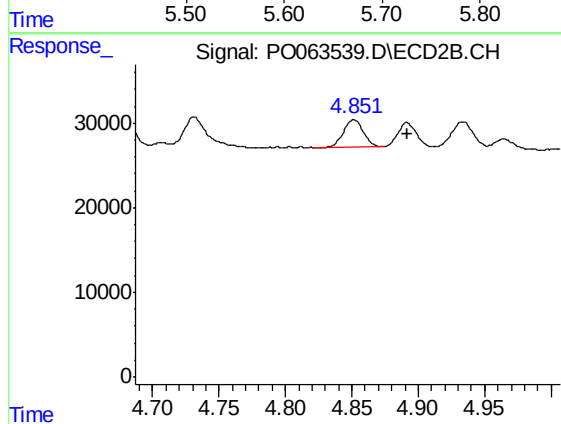
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 33494
Conc: 53.96 ng/ml



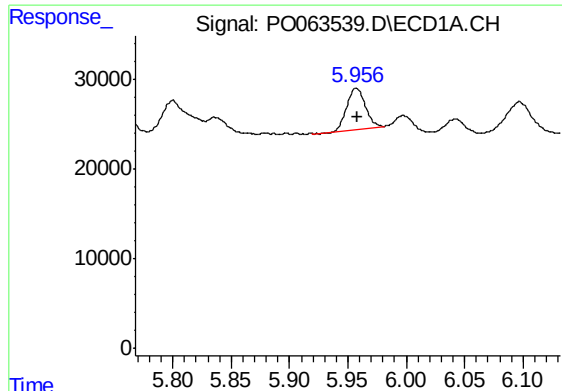
#6 AR-1016-4

R.T.: 5.665 min
Delta R.T.: -0.002 min
Response: 58996
Conc: 56.94 ng/ml



#6 AR-1016-4

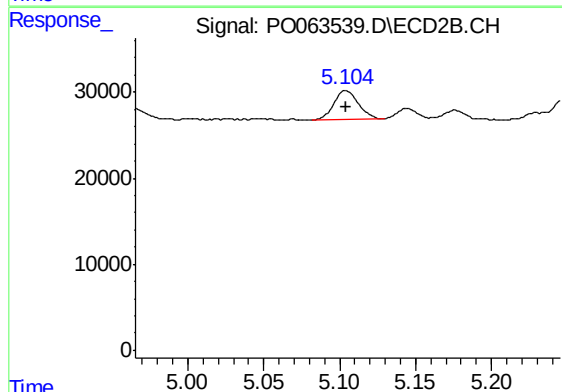
R.T.: 4.852 min
Delta R.T.: -0.040 min
Response: 33494
Conc: 64.09 ng/ml



#7 AR-1016-5

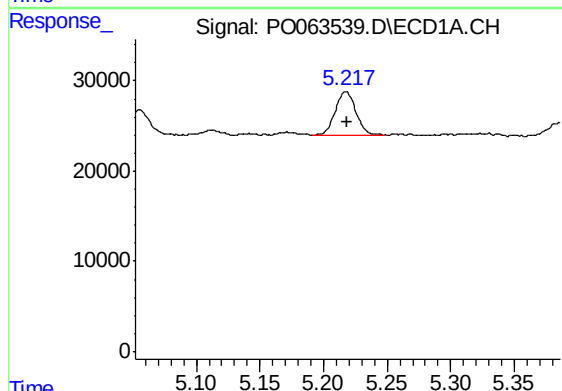
R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 48919
Conc: 43.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



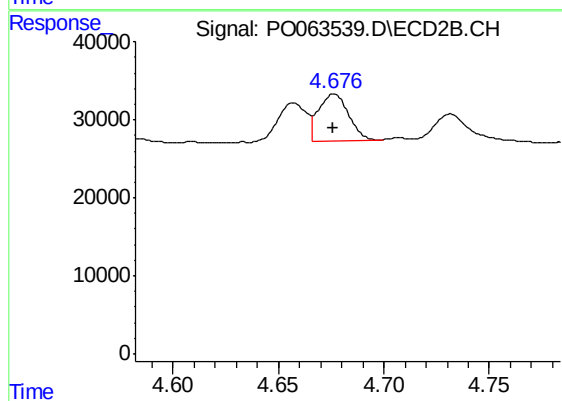
#7 AR-1016-5

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 36837
Conc: 54.32 ng/ml



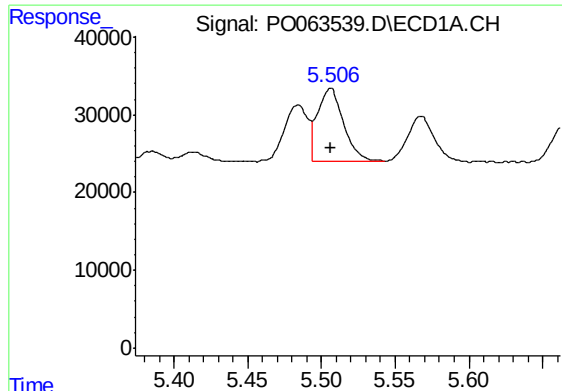
#12 AR-1232-2

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 54753
Conc: 83.88 ng/ml



#12 AR-1232-2

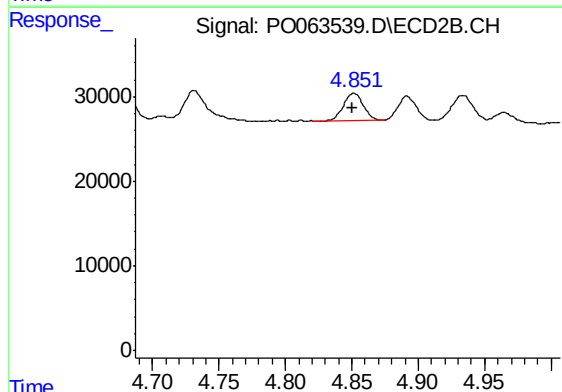
R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 58918
Conc: 71.58 ng/ml



#13 AR-1232-3

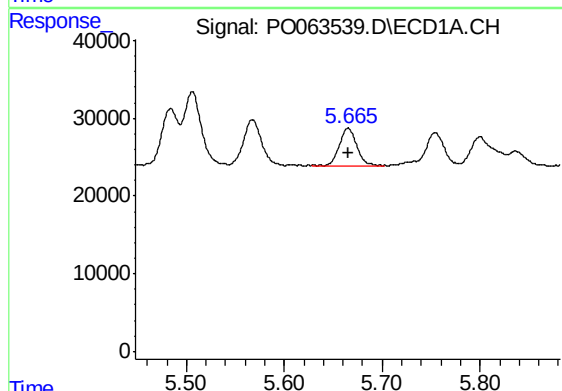
R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 114865
Conc: 81.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



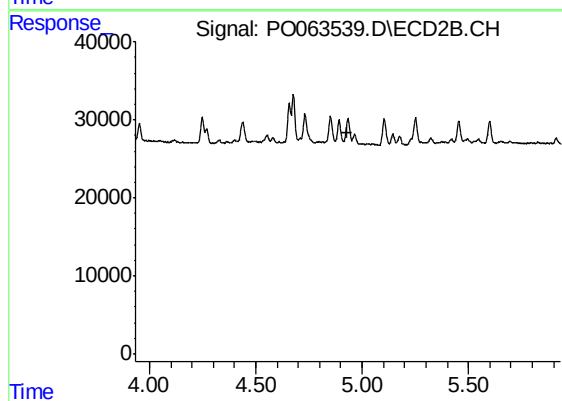
#13 AR-1232-3

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 33494
Conc: 77.05 ng/ml



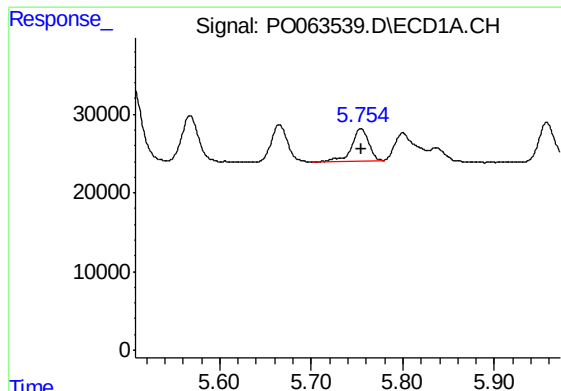
#14 AR-1232-4

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 58996
Conc: 82.29 ng/ml



#14 AR-1232-4

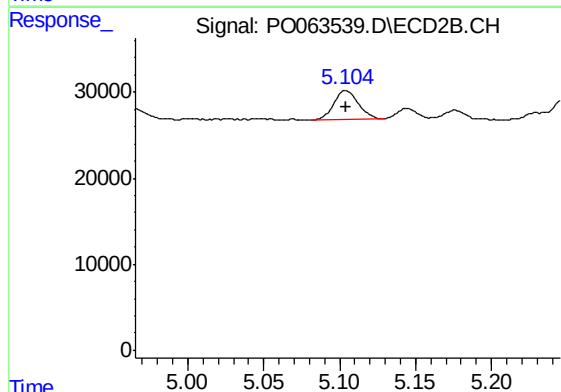
R.T.: 0.000 min
Exp R.T. : 4.933 min
Response: 0
Conc: N.D.



#15 AR-1232-5

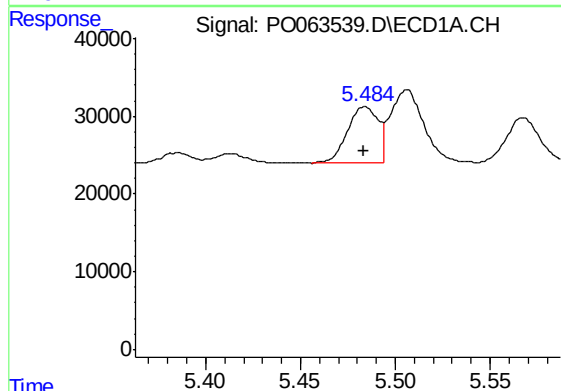
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 53236
Conc: 95.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



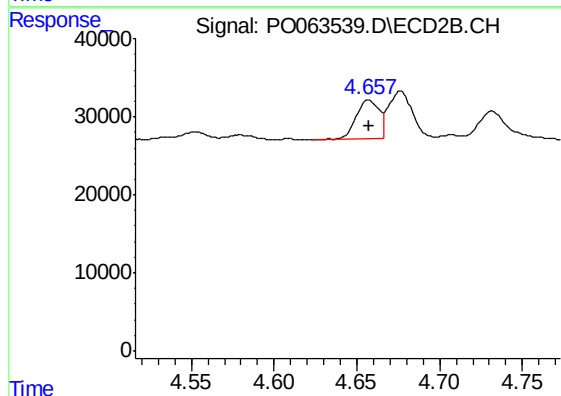
#15 AR-1232-5

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 36837
Conc: 84.05 ng/ml



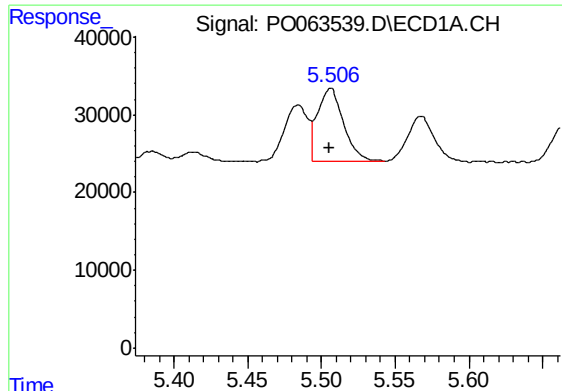
#16 AR-1242-1

R.T.: 5.484 min
Delta R.T.: 0.000 min
Response: 81578
Conc: 82.57 ng/ml



#16 AR-1242-1

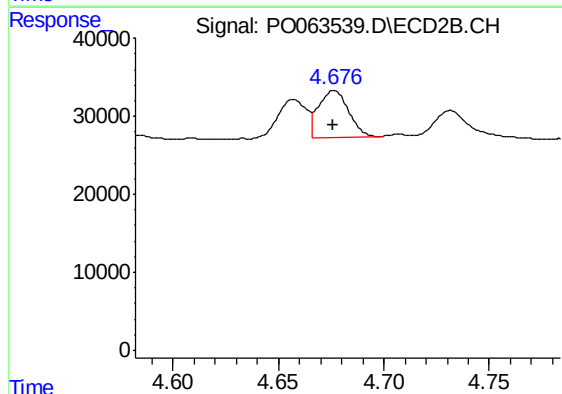
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 45636
Conc: 75.67 ng/ml



#17 AR-1242-2

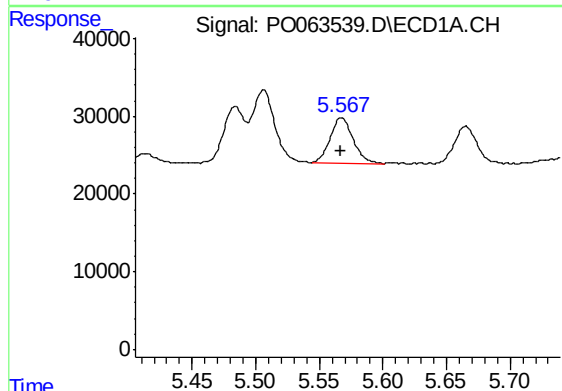
R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 114865
Conc: 79.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



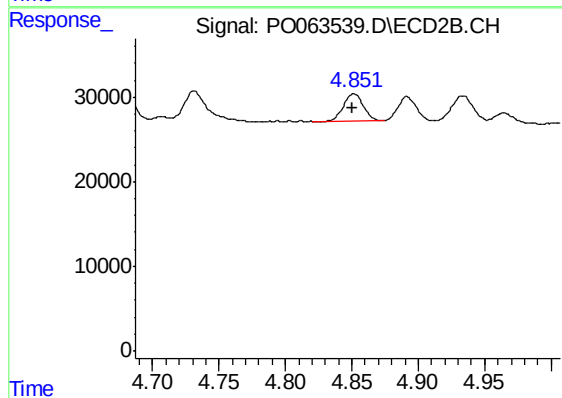
#17 AR-1242-2

R.T.: 4.676 min
Delta R.T.: 0.000 min
Response: 58918
Conc: 71.05 ng/ml



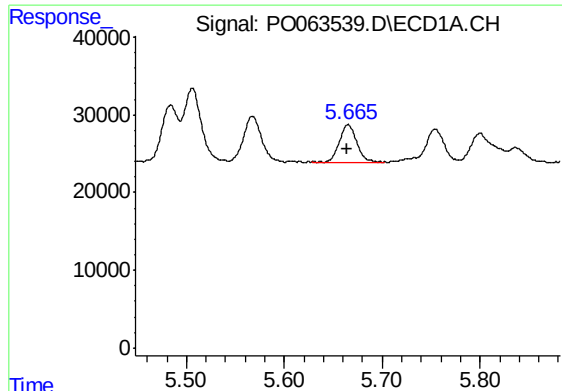
#18 AR-1242-3

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 72660
Conc: 79.64 ng/ml



#18 AR-1242-3

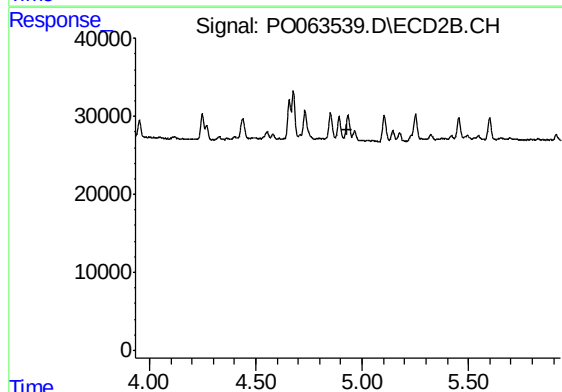
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 33494
Conc: 75.41 ng/ml



#19 AR-1242-4

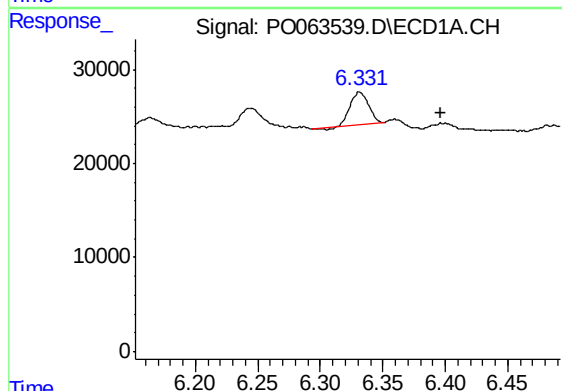
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 58996
Conc: 79.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



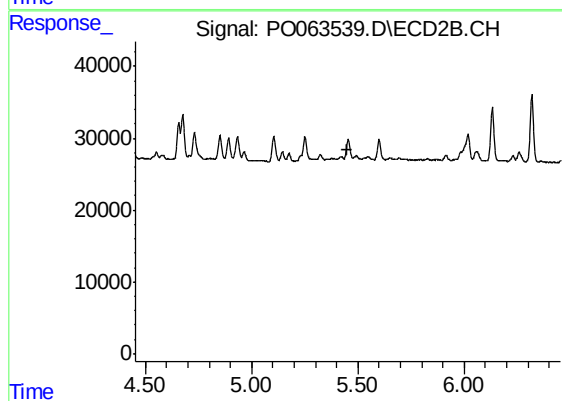
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.933 min
Response: 0
Conc: N.D.



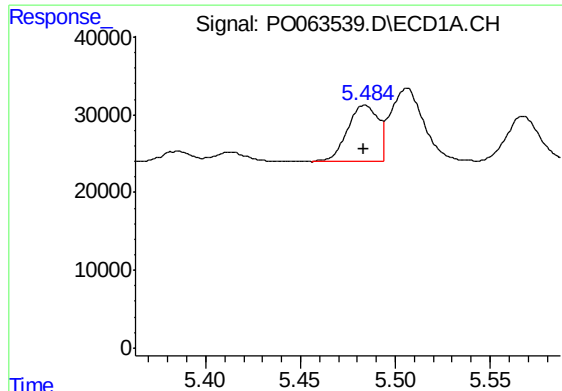
#20 AR-1242-5

R.T.: 6.331 min
Delta R.T.: -0.065 min
Response: 35195
Conc: 36.52 ng/ml



#20 AR-1242-5

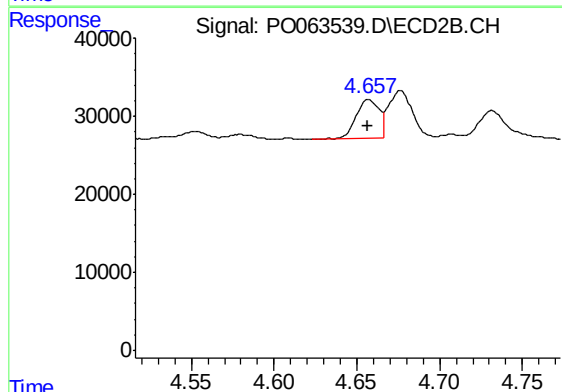
R.T.: 0.000 min
Exp R.T. : 5.453 min
Response: 0
Conc: N.D.



#21 AR-1248-1

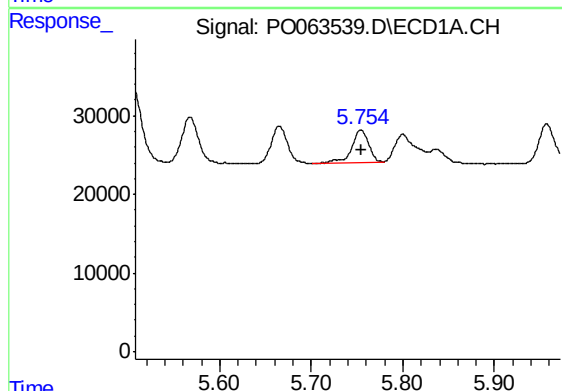
R.T.: 5.484 min
Delta R.T.: 0.000 min
Response: 81578
Conc: 100.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



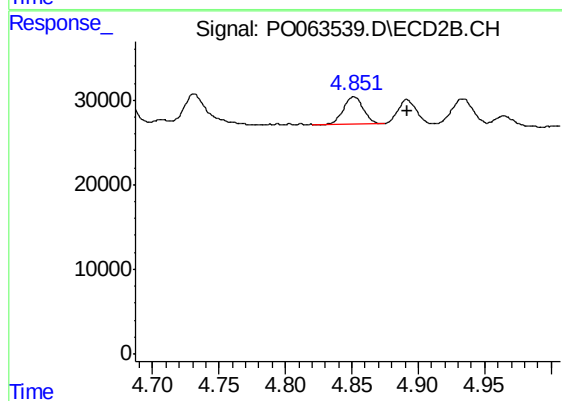
#21 AR-1248-1

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 45636
Conc: 92.64 ng/ml



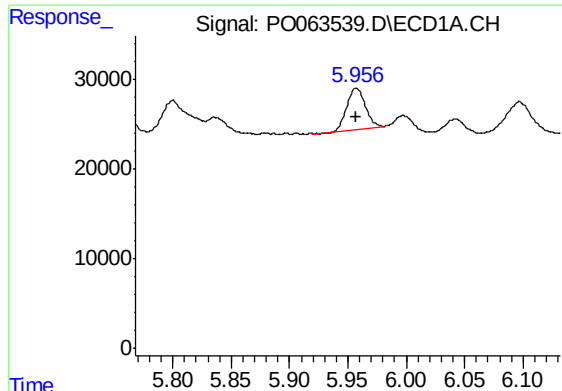
#22 AR-1248-2

R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 53236
Conc: 43.90 ng/ml



#22 AR-1248-2

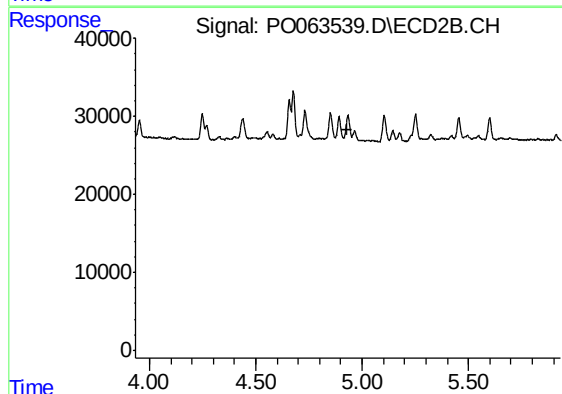
R.T.: 4.852 min
Delta R.T.: -0.040 min
Response: 33494
Conc: 49.00 ng/ml



#23 AR-1248-3

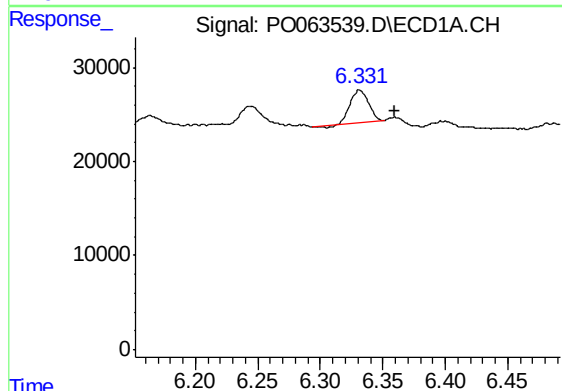
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 48919
Conc: 35.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



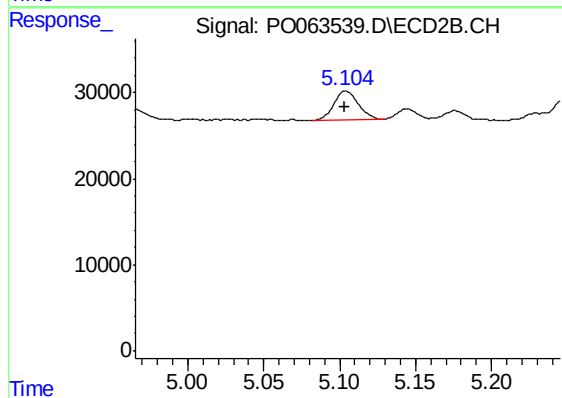
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.933 min
Response: 0
Conc: N.D.



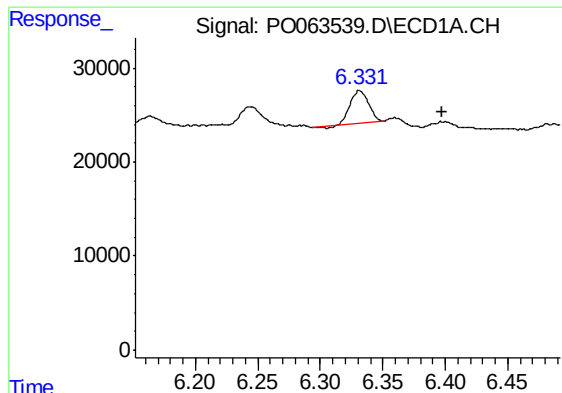
#24 AR-1248-4

R.T.: 6.331 min
Delta R.T.: -0.028 min
Response: 35195
Conc: 20.65 ng/ml



#24 AR-1248-4

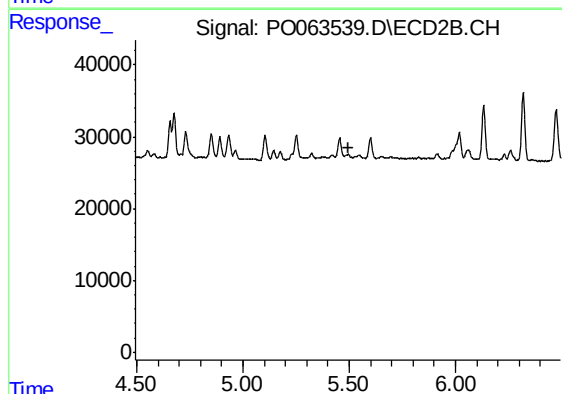
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 36837
Conc: 42.25 ng/ml



#25 AR-1248-5

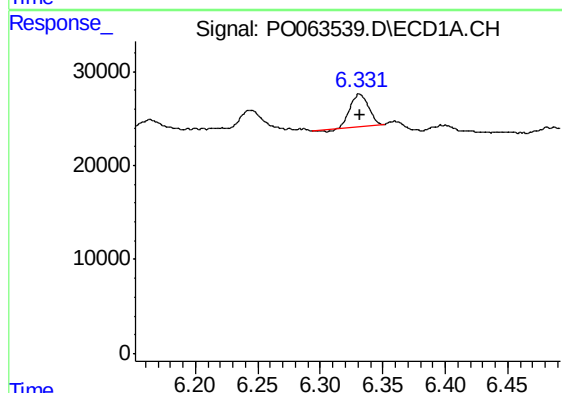
R.T.: 6.331 min
Delta R.T.: -0.066 min
Response: 35195
Conc: 21.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



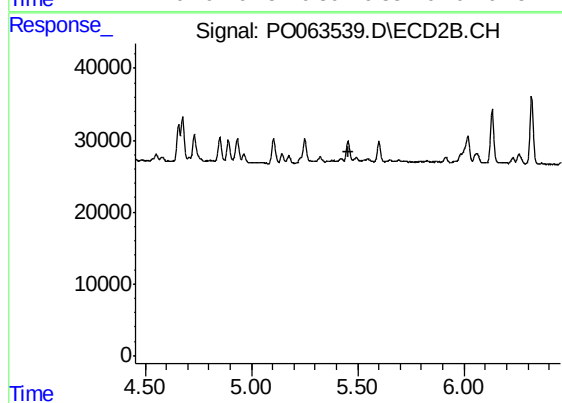
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



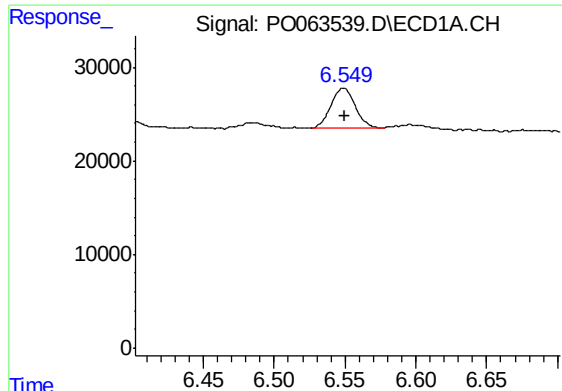
#26 AR-1254-1

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 35195
Conc: 20.71 ng/ml



#26 AR-1254-1

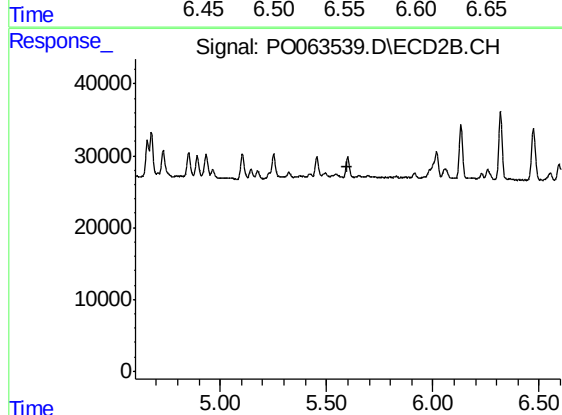
R.T.: 0.000 min
Exp R.T. : 5.454 min
Response: 0
Conc: N.D.



#27 AR-1254-2

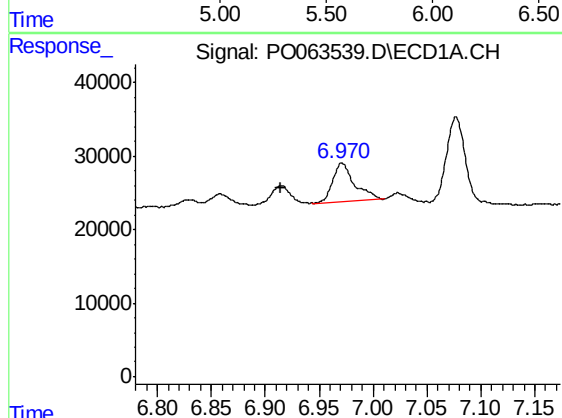
R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 51010
Conc: 18.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



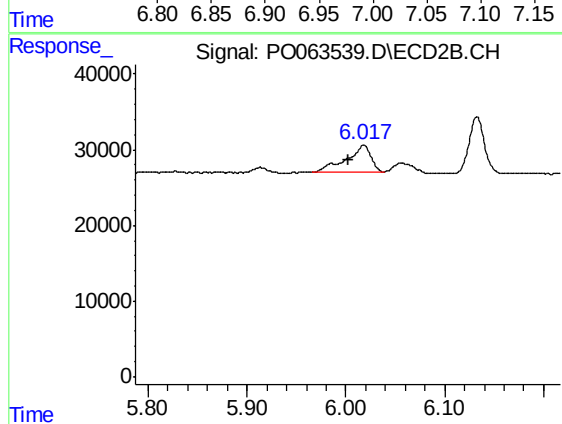
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.600 min
Response: 0
Conc: N.D.



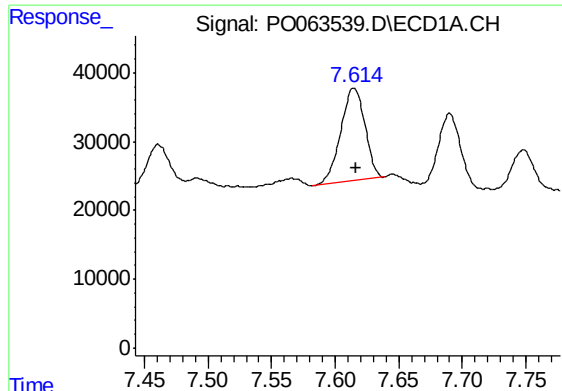
#28 AR-1254-3

R.T.: 6.971 min
Delta R.T.: 0.057 min
Response: 73839
Conc: 23.22 ng/ml



#28 AR-1254-3

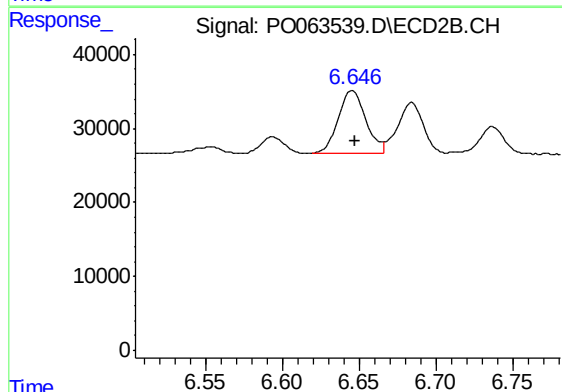
R.T.: 6.018 min
Delta R.T.: 0.015 min
Response: 62066
Conc: 28.78 ng/ml



#30 AR-1254-5

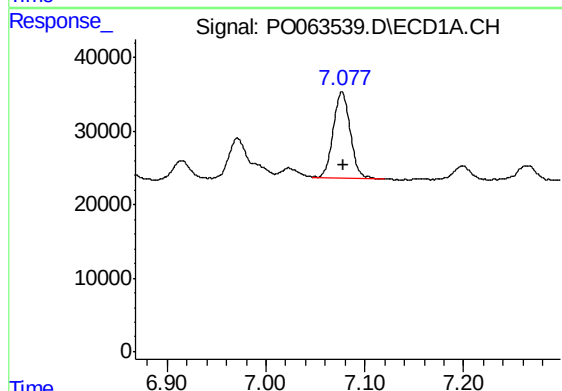
R.T.: 7.615 min
Delta R.T.: -0.002 min
Response: 177577
Conc: 63.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



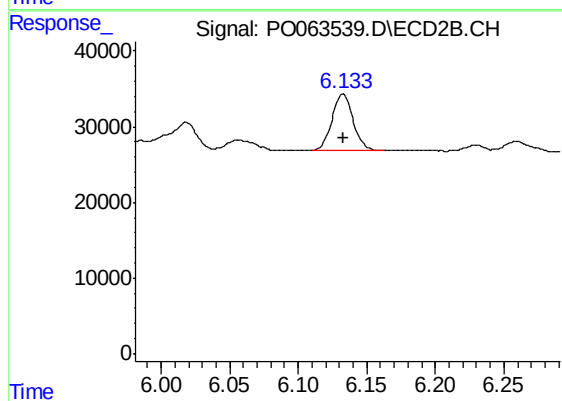
#30 AR-1254-5

R.T.: 6.646 min
Delta R.T.: -0.002 min
Response: 106133
Conc: 54.61 ng/ml



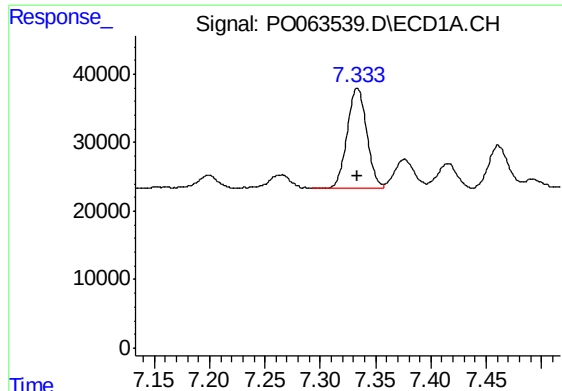
#31 AR-1260-1

R.T.: 7.077 min
Delta R.T.: 0.000 min
Response: 140393
Conc: 58.42 ng/ml



#31 AR-1260-1

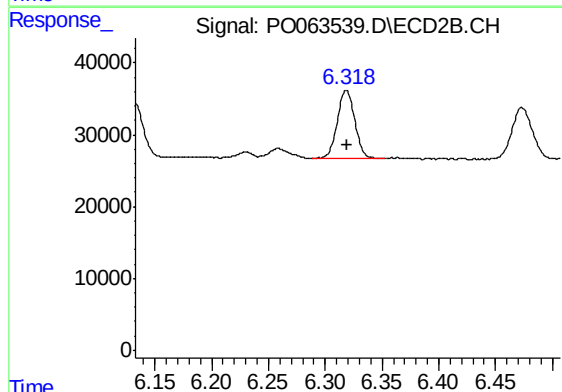
R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 79562
Conc: 56.25 ng/ml



#32 AR-1260-2

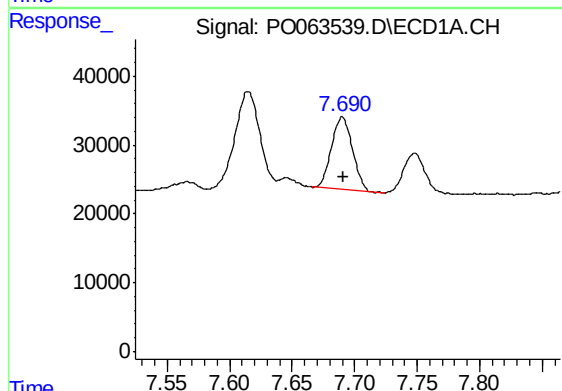
R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 179902
Conc: 59.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



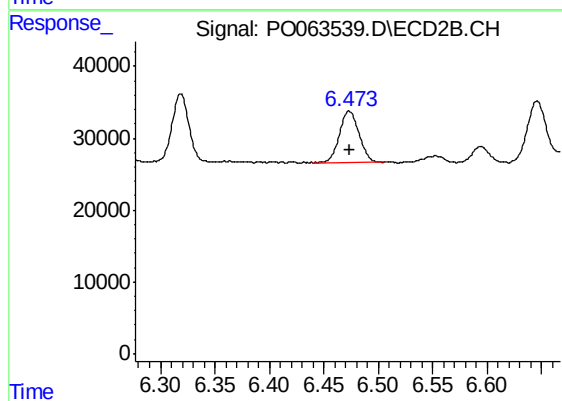
#32 AR-1260-2

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 101185
Conc: 57.21 ng/ml



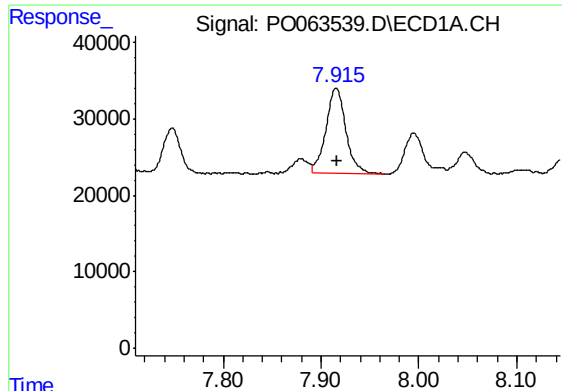
#33 AR-1260-3

R.T.: 7.690 min
Delta R.T.: -0.001 min
Response: 124221
Conc: 53.68 ng/ml



#33 AR-1260-3

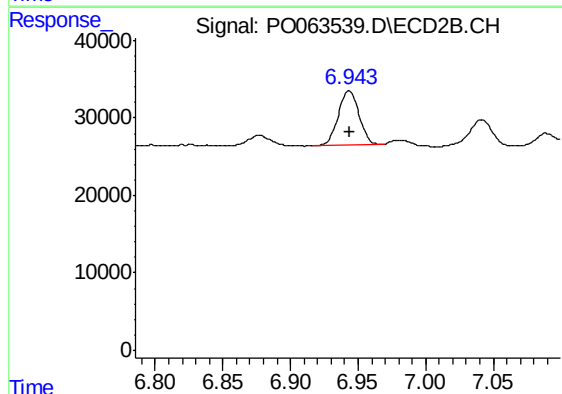
R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 89147
Conc: 54.87 ng/ml



#34 AR-1260-4

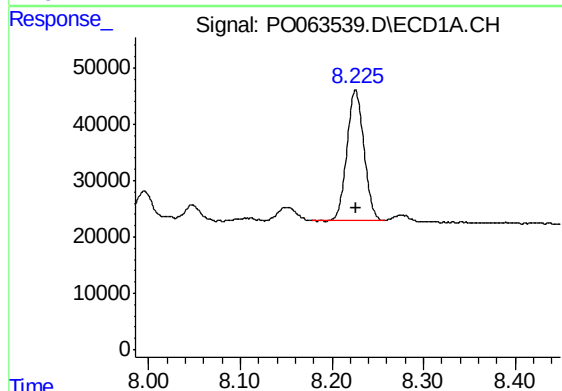
R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 156762
Conc: 56.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



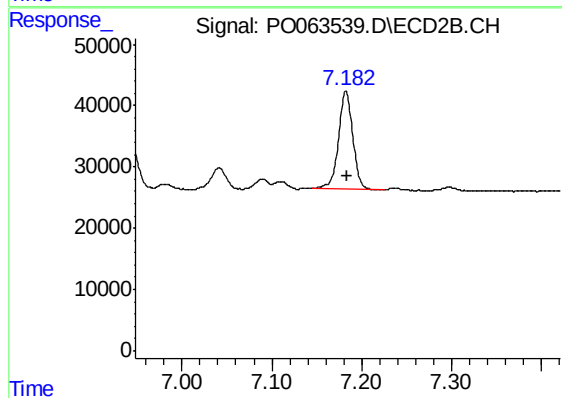
#34 AR-1260-4

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 76753
Conc: 54.40 ng/ml



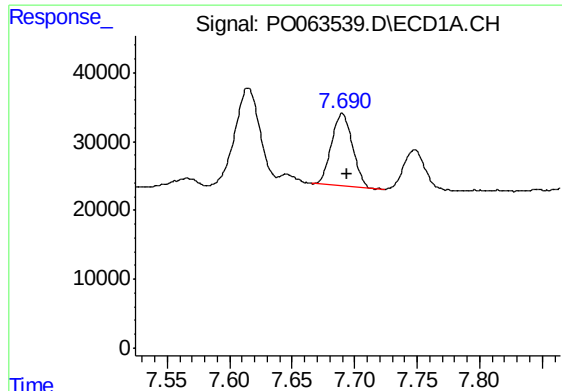
#35 AR-1260-5

R.T.: 8.226 min
Delta R.T.: -0.001 min
Response: 301137
Conc: 54.28 ng/ml



#35 AR-1260-5

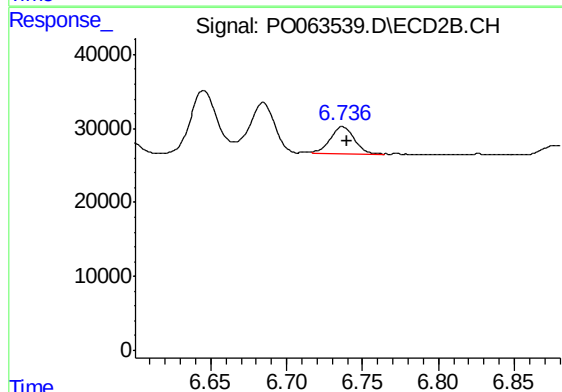
R.T.: 7.183 min
Delta R.T.: -0.001 min
Response: 178134
Conc: 52.88 ng/ml



#36 AR-1262-1

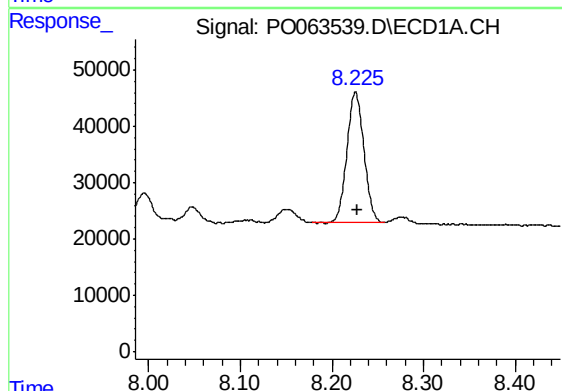
R.T.: 7.690 min
Delta R.T.: -0.004 min
Response: 124221
Conc: 38.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



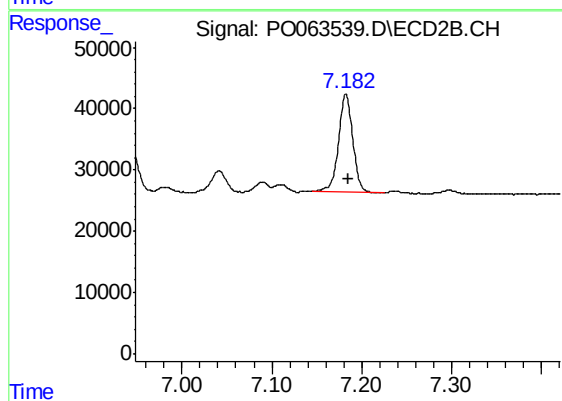
#36 AR-1262-1

R.T.: 6.737 min
Delta R.T.: -0.003 min
Response: 38585
Conc: 49.09 ng/ml



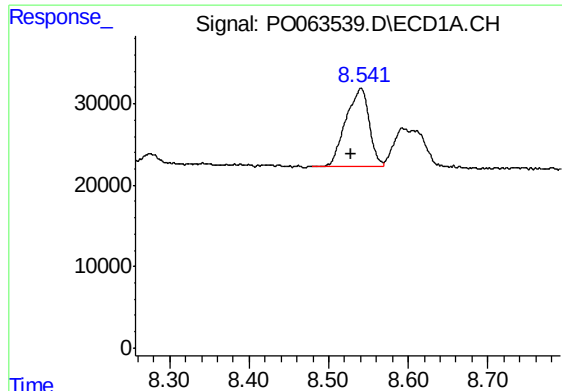
#37 AR-1262-2

R.T.: 8.226 min
Delta R.T.: -0.002 min
Response: 301137
Conc: 50.26 ng/ml



#37 AR-1262-2

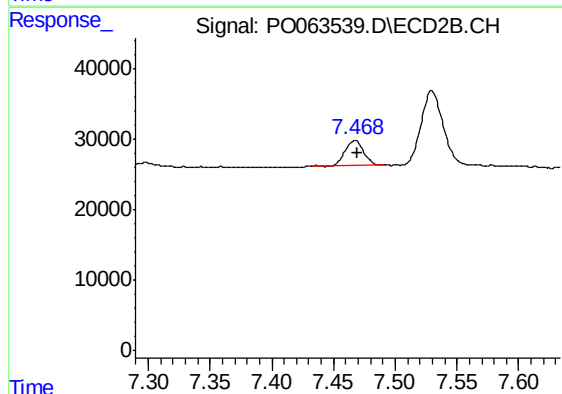
R.T.: 7.183 min
Delta R.T.: -0.003 min
Response: 178134
Conc: 50.32 ng/ml



#38 AR-1262-3

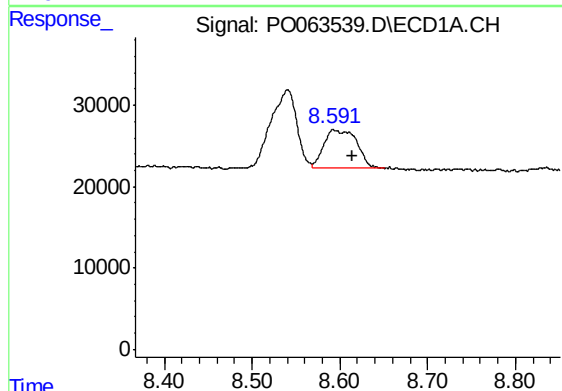
R.T.: 8.541 min
Delta R.T.: 0.012 min
Response: 196925
Conc: 48.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



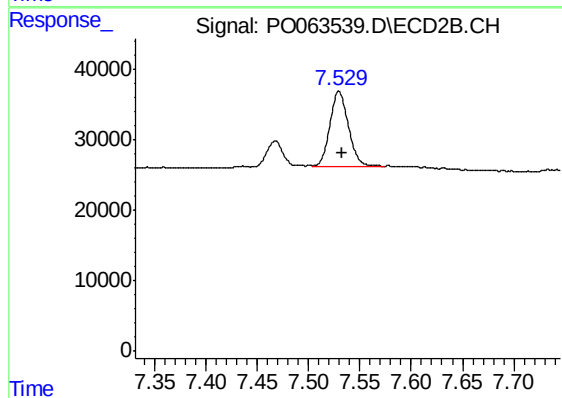
#38 AR-1262-3

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 37081
Conc: 26.70 ng/ml



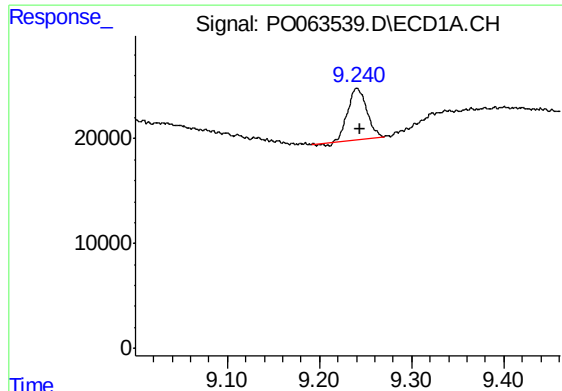
#39 AR-1262-4

R.T.: 8.592 min
Delta R.T.: -0.021 min
Response: 122338
Conc: 40.42 ng/ml



#39 AR-1262-4

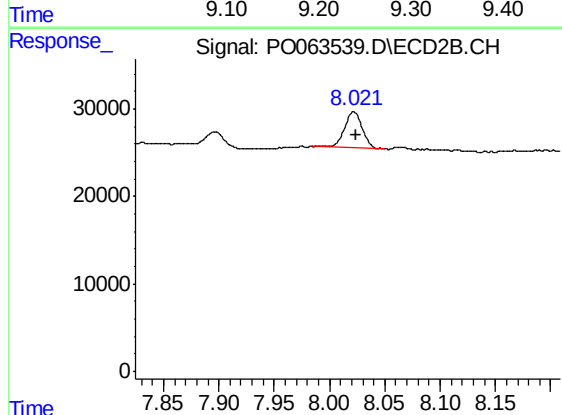
R.T.: 7.530 min
Delta R.T.: -0.003 min
Response: 133965
Conc: 51.16 ng/ml



#40 AR-1262-5

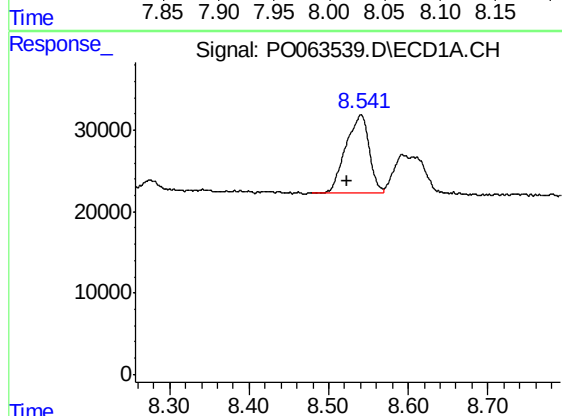
R.T.: 9.241 min
Delta R.T.: -0.003 min
Response: 69747
Conc: 34.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



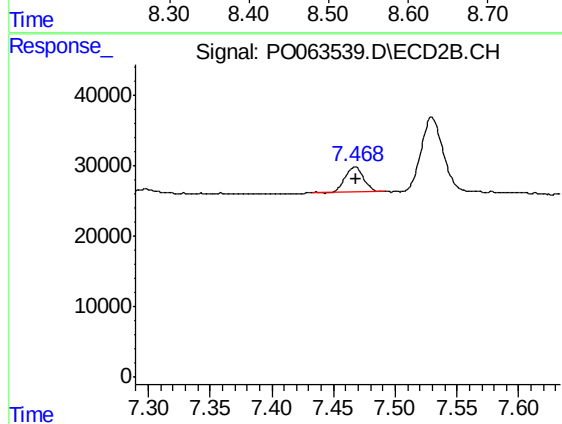
#40 AR-1262-5

R.T.: 8.022 min
Delta R.T.: -0.003 min
Response: 46994
Conc: 41.06 ng/ml



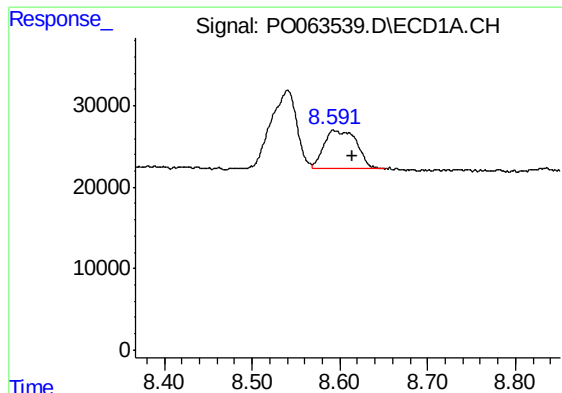
#41 AR-1268-1

R.T.: 8.541 min
Delta R.T.: 0.017 min
Response: 196925
Conc: 28.36 ng/ml



#41 AR-1268-1

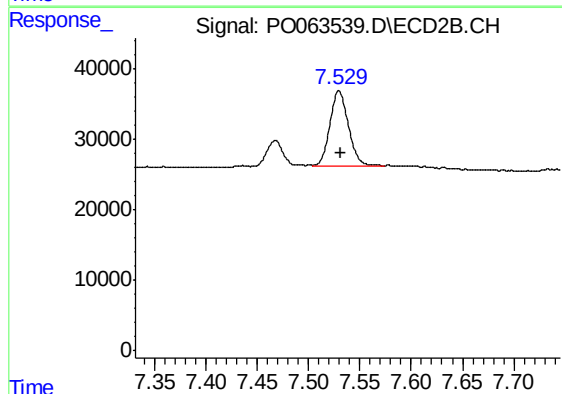
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 37081
Conc: 9.12 ng/ml



#42 AR-1268-2

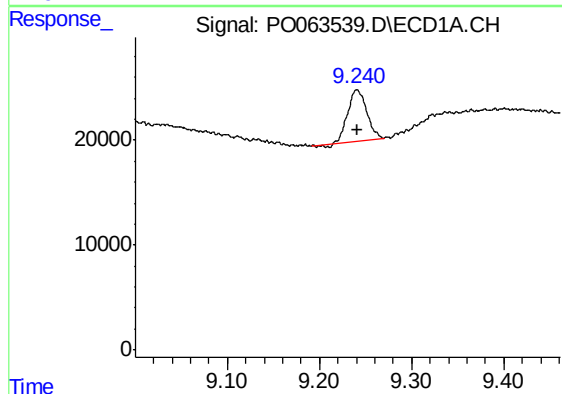
R.T.: 8.592 min
Delta R.T.: -0.022 min
Response: 122338
Conc: 19.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



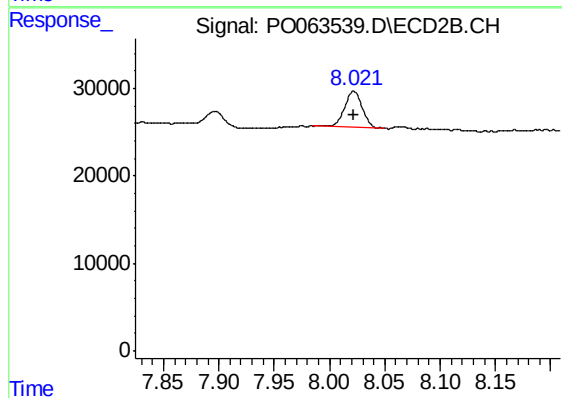
#42 AR-1268-2

R.T.: 7.530 min
Delta R.T.: -0.002 min
Response: 133965
Conc: 36.36 ng/ml



#44 AR-1268-4

R.T.: 9.241 min
Delta R.T.: 0.000 min
Response: 69747
Conc: 31.18 ng/ml



#44 AR-1268-4

R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 46994
Conc: 36.66 ng/ml