

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102519\
 Data File : PR042517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2019 10:44
 Operator : SM\AJ
 Sample : K5501-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 187-30-(0-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 05:35:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 17 06:40:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.726	3.987	109.2E6	424.3E6	22.940	24.922
2)	SA Decachlor...	10.644	9.089	126.9E6	364.0E6	36.291	35.863
Target Compounds							
3)	L1 AR-1016-1	0.000	5.078	0	4900146	N.D.	9.188 #
4)	L1 AR-1016-2	0.000	5.078	0	4900146	N.D.	6.667 #
7)	L1 AR-1016-5	0.000	5.508	0	19867865	N.D.	67.034 #
9)	L2 AR-1221-2	0.000	4.293	0	6515178	N.D.	51.536 #
10)	L2 AR-1221-3	0.000	4.429	0	23930536	N.D.	59.454 #
11)	L3 AR-1232-1	0.000	4.429	0	23930536	N.D.	41.207 #
12)	L3 AR-1232-2	0.000	5.078	0	4900146	N.D.	8.705 #
14)	L3 AR-1232-4	0.000	5.396	0	9757551	N.D.	46.306 #
15)	L3 AR-1232-5	0.000	5.508	0	19867865	N.D.	94.720 #
16)	L4 AR-1242-1	0.000	5.078	0	4900146	N.D.	11.898 #
17)	L4 AR-1242-2	0.000	5.078	0	4900146	N.D.	8.800 #
19)	L4 AR-1242-4	0.000	5.396	0	9757551	N.D.	40.453 #
20)	L4 AR-1242-5	0.000	5.894	0	7473597	N.D.	28.097 #
21)	L5 AR-1248-1	0.000	5.078	0	4900146	N.D.	14.880 #
23)	L5 AR-1248-3	0.000	5.396	0	9757551	N.D.	27.794 #
24)	L5 AR-1248-4	0.000	5.508	0	19867865	N.D.	52.281 #
25)	L5 AR-1248-5	0.000	5.894	0	7473597	N.D.	20.076 #
26)	L6 AR-1254-1	0.000	5.894	0	7473597	N.D.	13.002 #
27)	L6 AR-1254-2	6.974	6.058	13442920	46673864	47.613	85.323 #
28)	L6 AR-1254-3	7.349	6.444	7568543	100.8E6	24.755	104.876 #
29)	L6 AR-1254-4	7.693	6.668	2963474	26774827	13.309	40.788 #
30)	L6 AR-1254-5	8.051	7.089	15302600	51025661	65.986	62.133
31)	L7 AR-1260-1	7.507	6.576	9937265	48966110	47.773	84.657 #
32)	L7 AR-1260-2	7.759	6.760	14524573	64101849	59.152	81.203 #
33)	L7 AR-1260-3	8.124	6.916	6995067	26031640	37.490	38.278
34)	L7 AR-1260-4	8.362	7.388	11742713	19732636	55.743	36.014 #
35)	L7 AR-1260-5	8.701	7.627	11621767	46959977	27.662	31.869
36)	L8 AR-1262-1	8.124	7.181	6995067	15902868	23.872	38.998 #
37)	L8 AR-1262-2	8.701	7.627	11621767	46959977	21.369	25.364
38)	L8 AR-1262-3	9.032	7.913	12812430	33962512	37.406	48.904 #
39)	L8 AR-1262-4	9.131	7.978	5763861	44023299	43.886	36.073
40)	L8 AR-1262-5	0.000	8.493	0	10574560	N.D.	20.040 #
41)	L9 AR-1268-1	9.032	7.913	12812430	33962512	23.378	18.086
42)	L9 AR-1268-2	9.131	7.978	5763861	44023299	11.904	26.378 #
43)	L9 AR-1268-3	9.377	8.191	14676442	56044662	37.134	39.862
44)	L9 AR-1268-4	0.000	8.493	0	10574560	N.D.	19.537 #
45)	L9 AR-1268-5	10.278	8.810	37135769	111.9E6	30.390	29.293

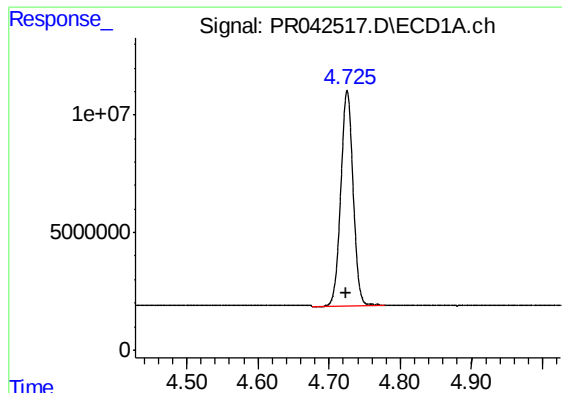
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :

ECD_R

ClientSampleId :

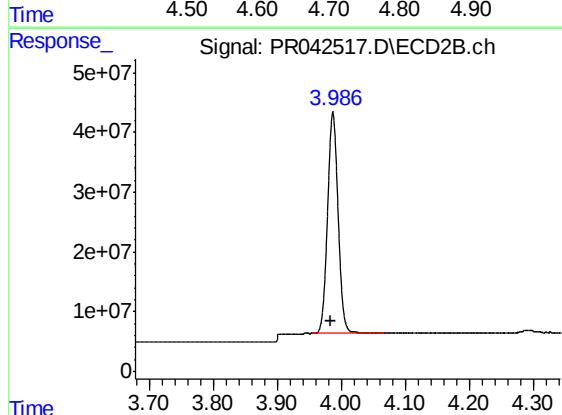
187-30-(0-2)



#1 Tetrachloro-m-xylene

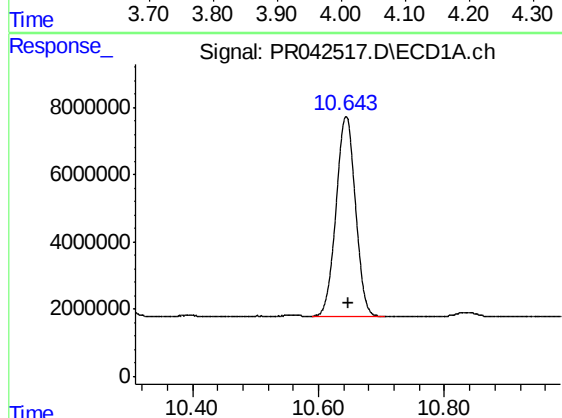
R.T.: 4.726 min
Delta R.T.: 0.003 min
Response: 109249643
Conc: 22.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



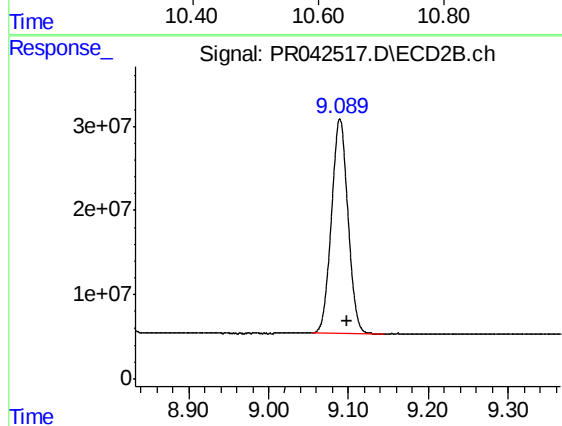
#1 Tetrachloro-m-xylene

R.T.: 3.987 min
Delta R.T.: 0.003 min
Response: 424319131
Conc: 24.92 ng/ml



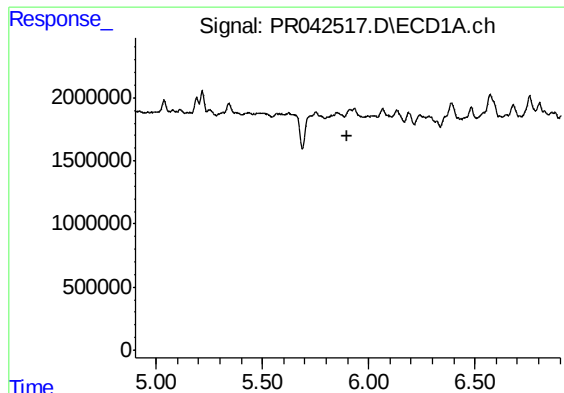
#2 Decachlorobiphenyl

R.T.: 10.644 min
Delta R.T.: -0.004 min
Response: 126884694
Conc: 36.29 ng/ml



#2 Decachlorobiphenyl

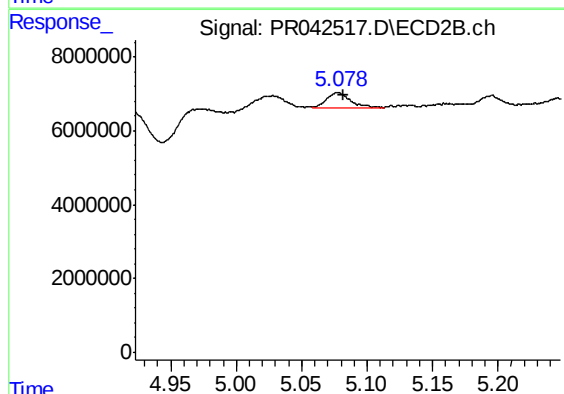
R.T.: 9.089 min
Delta R.T.: -0.009 min
Response: 364036605
Conc: 35.86 ng/ml



#3 AR-1016-1

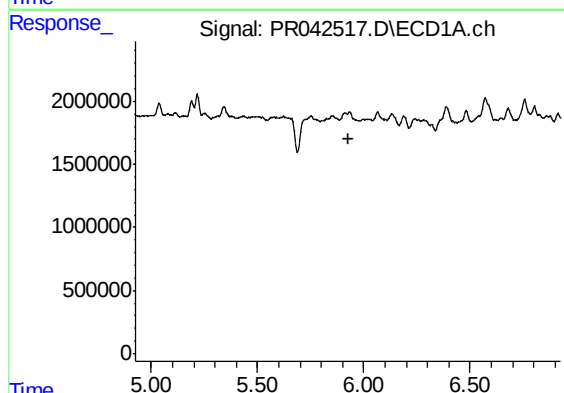
R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



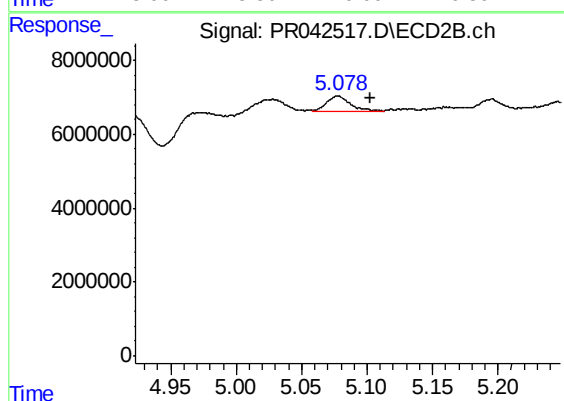
#3 AR-1016-1

R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 4900146
Conc: 9.19 ng/ml



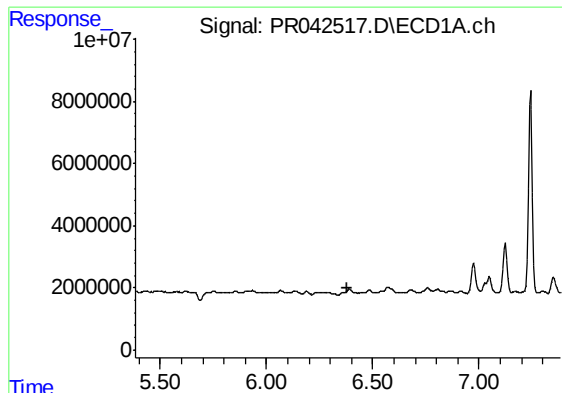
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.926 min
Response: 0
Conc: N.D.



#4 AR-1016-2

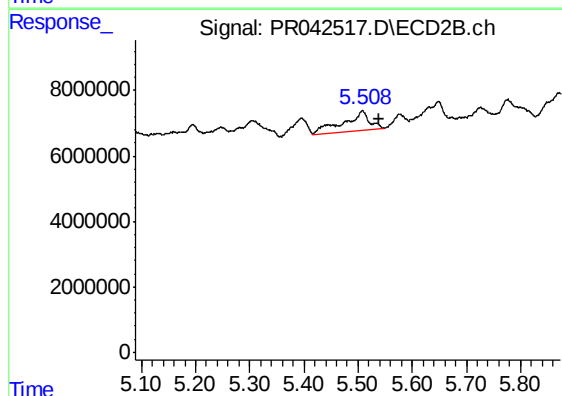
R.T.: 5.078 min
Delta R.T.: -0.025 min
Response: 4900146
Conc: 6.67 ng/ml



#7 AR-1016-5

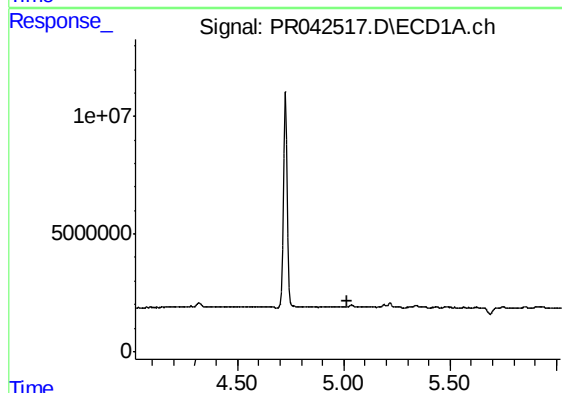
R.T.: 0.000 min
Exp R.T.: 6.383 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



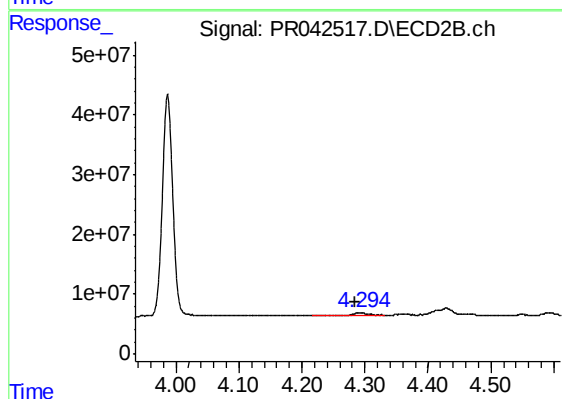
#7 AR-1016-5

R.T.: 5.508 min
Delta R.T.: -0.030 min
Response: 19867865
Conc: 67.03 ng/ml



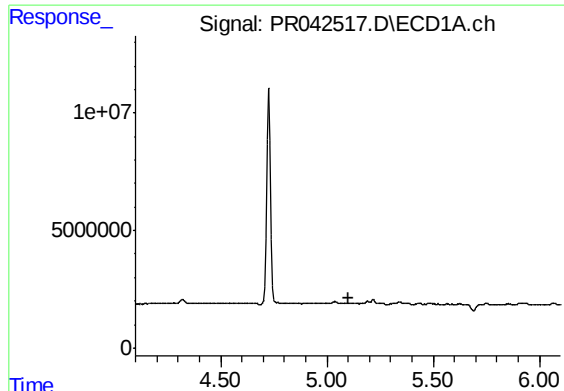
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 5.020 min
Response: 0
Conc: N.D.



#9 AR-1221-2

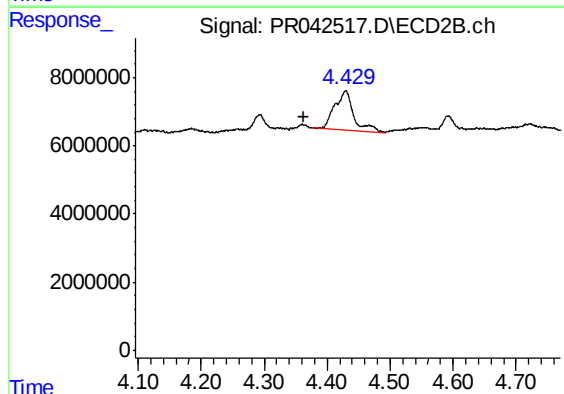
R.T.: 4.293 min
Delta R.T.: 0.009 min
Response: 6515178
Conc: 51.54 ng/ml



#10 AR-1221-3

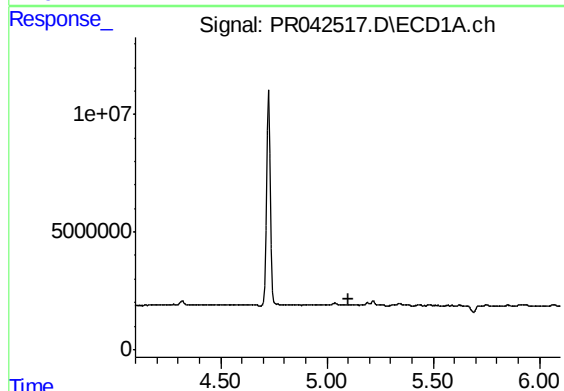
R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



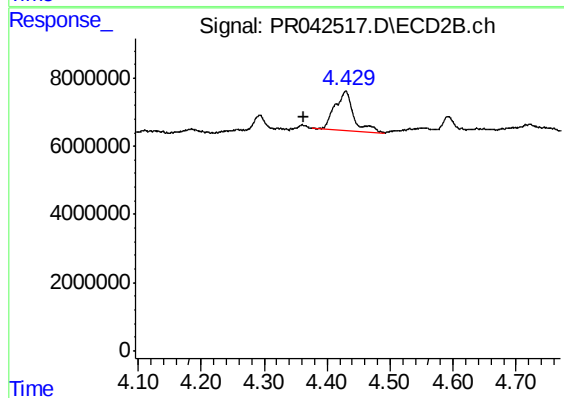
#10 AR-1221-3

R.T.: 4.429 min
Delta R.T.: 0.068 min
Response: 23930536
Conc: 59.45 ng/ml



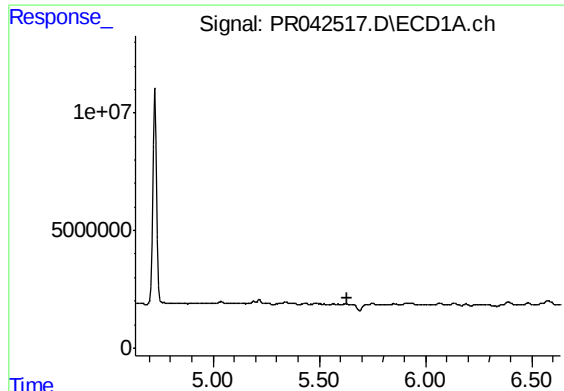
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#11 AR-1232-1

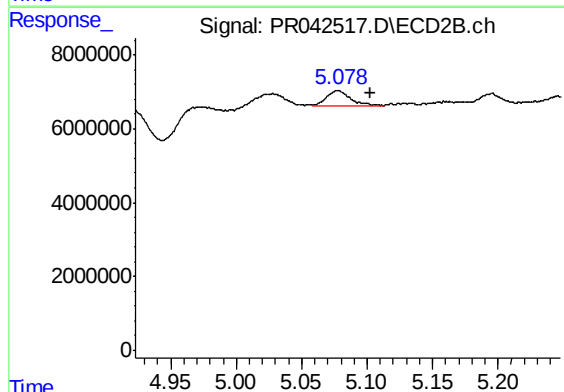
R.T.: 4.429 min
Delta R.T.: 0.067 min
Response: 23930536
Conc: 41.21 ng/ml



#12 AR-1232-2

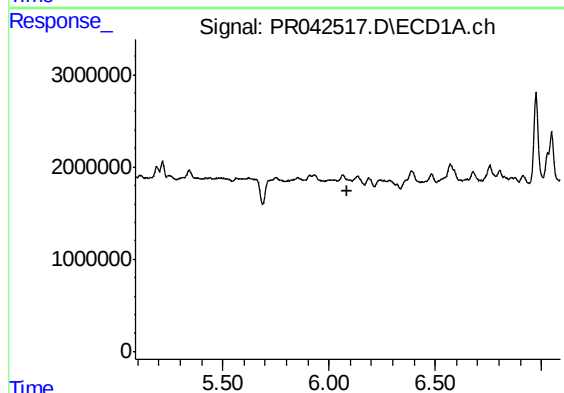
R.T.: 0.000 min
Exp R.T. : 5.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



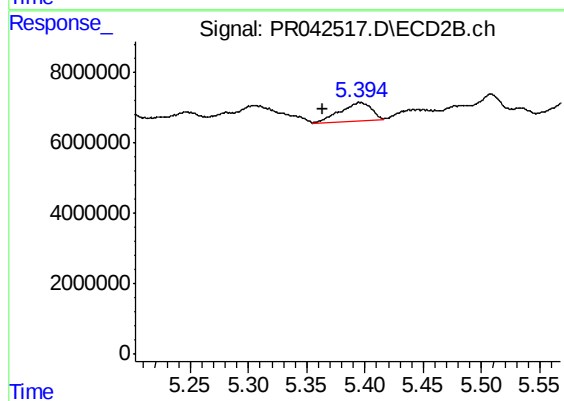
#12 AR-1232-2

R.T.: 5.078 min
Delta R.T.: -0.025 min
Response: 4900146
Conc: 8.71 ng/ml



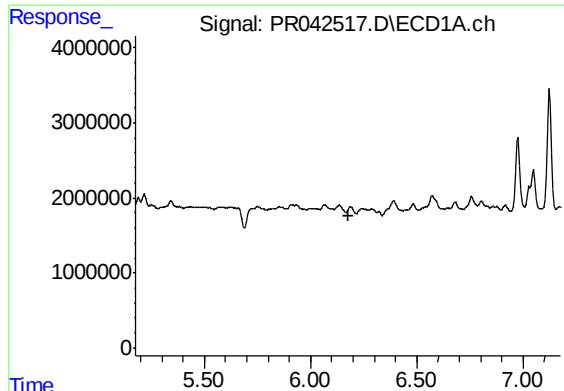
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.089 min
Response: 0
Conc: N.D.



#14 AR-1232-4

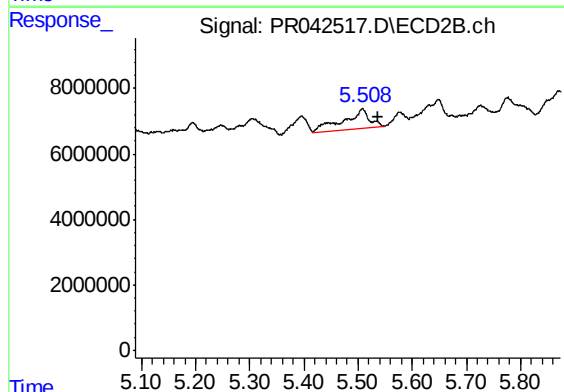
R.T.: 5.396 min
Delta R.T.: 0.032 min
Response: 9757551
Conc: 46.31 ng/ml



#15 AR-1232-5

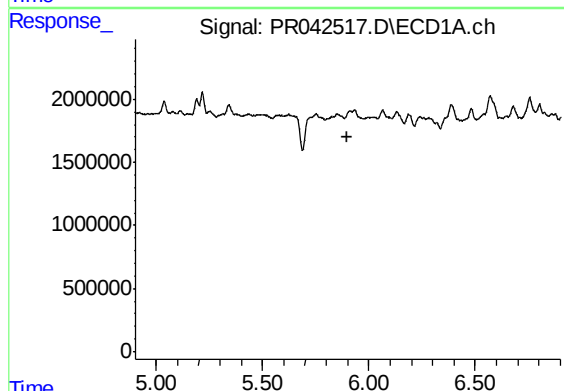
R.T.: 0.000 min
Exp R.T. : 6.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



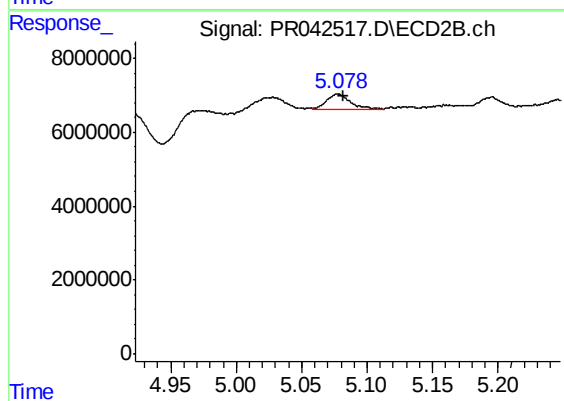
#15 AR-1232-5

R.T.: 5.508 min
Delta R.T.: -0.029 min
Response: 19867865
Conc: 94.72 ng/ml



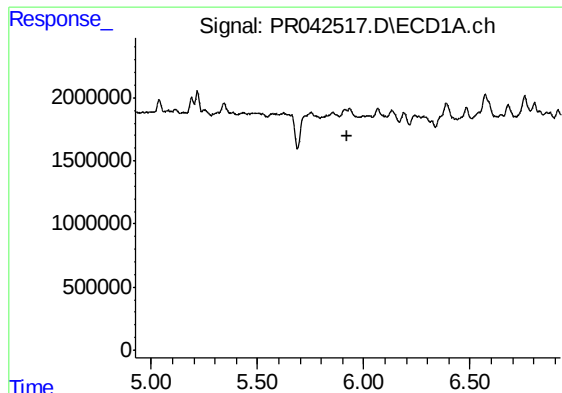
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.



#16 AR-1242-1

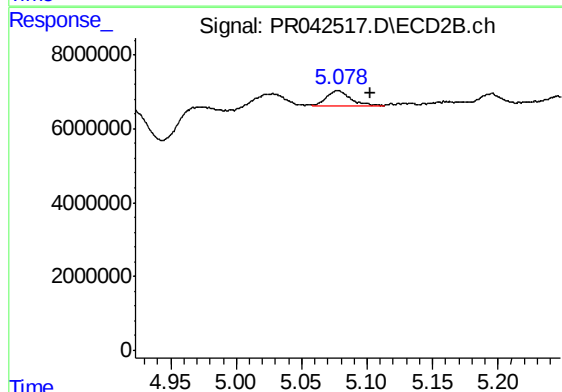
R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 4900146
Conc: 11.90 ng/ml



#17 AR-1242-2

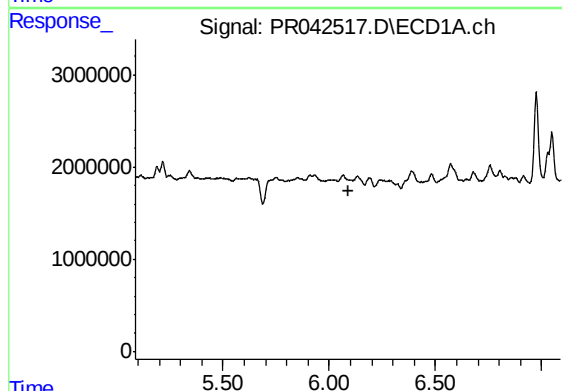
R.T.: 0.000 min
Exp R.T.: 5.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



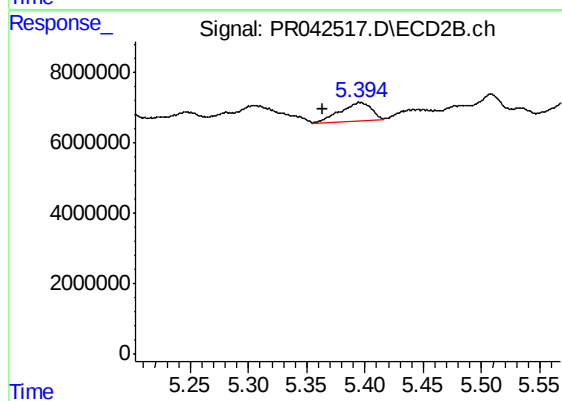
#17 AR-1242-2

R.T.: 5.078 min
Delta R.T.: -0.025 min
Response: 4900146
Conc: 8.80 ng/ml



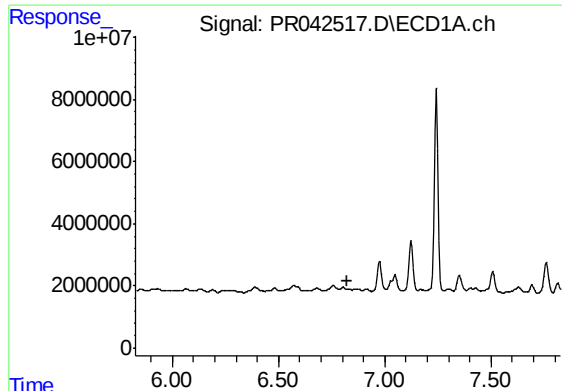
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.088 min
Response: 0
Conc: N.D.



#19 AR-1242-4

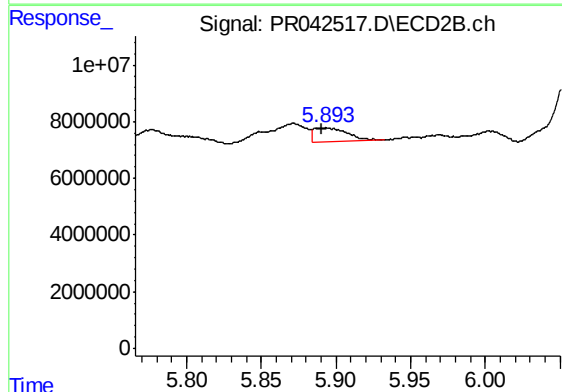
R.T.: 5.396 min
Delta R.T.: 0.032 min
Response: 9757551
Conc: 40.45 ng/ml



#20 AR-1242-5

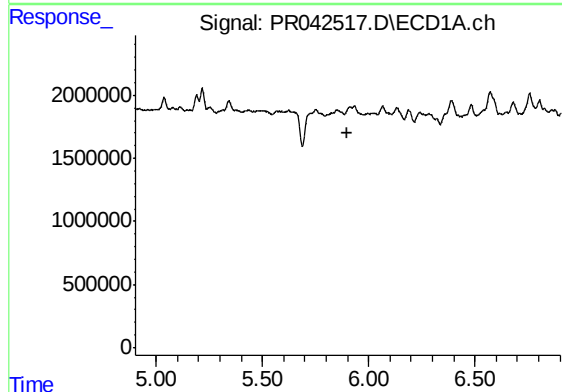
R.T.: 0.000 min
Exp R.T. : 6.826 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



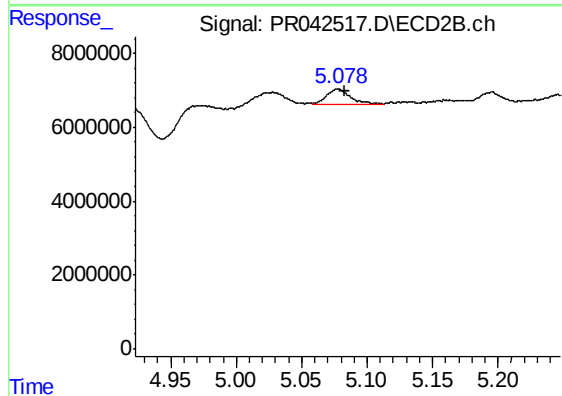
#20 AR-1242-5

R.T.: 5.894 min
Delta R.T.: 0.003 min
Response: 7473597
Conc: 28.10 ng/ml



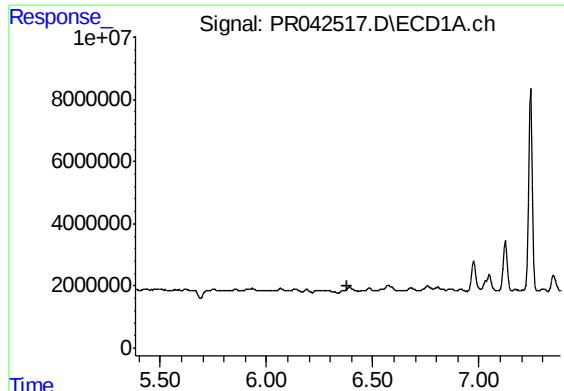
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.



#21 AR-1248-1

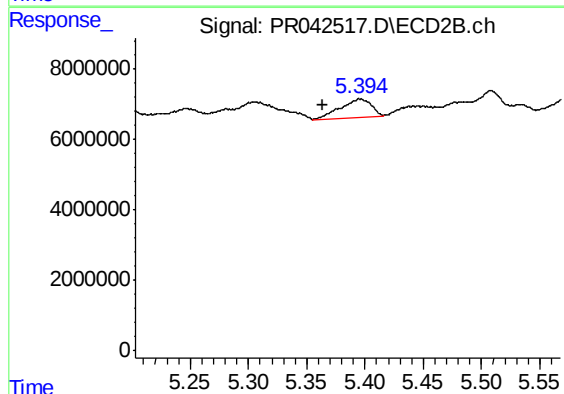
R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 4900146
Conc: 14.88 ng/ml



#23 AR-1248-3

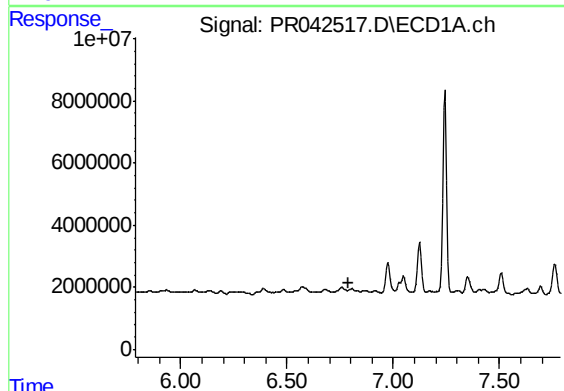
R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



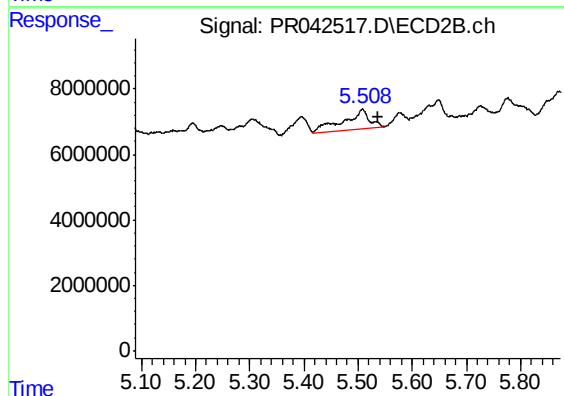
#23 AR-1248-3

R.T.: 5.396 min
Delta R.T.: 0.031 min
Response: 9757551
Conc: 27.79 ng/ml



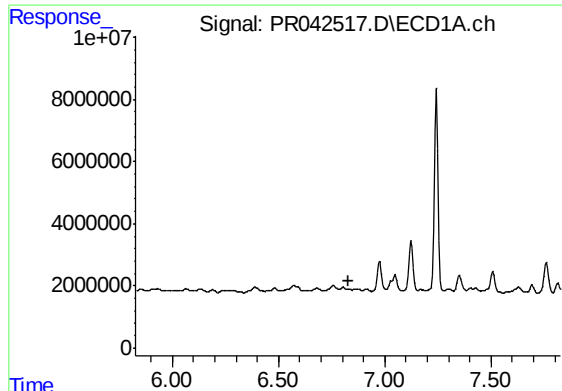
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.787 min
Response: 0
Conc: N.D.



#24 AR-1248-4

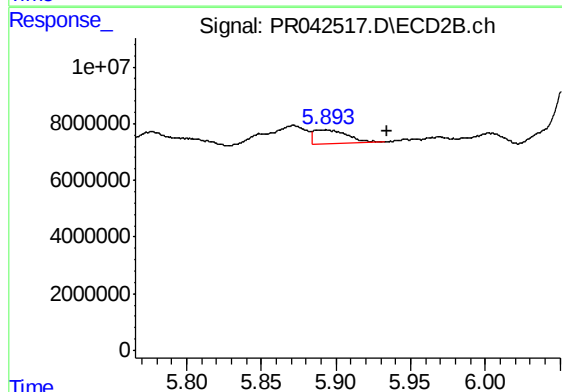
R.T.: 5.508 min
Delta R.T.: -0.030 min
Response: 19867865
Conc: 52.28 ng/ml



#25 AR-1248-5

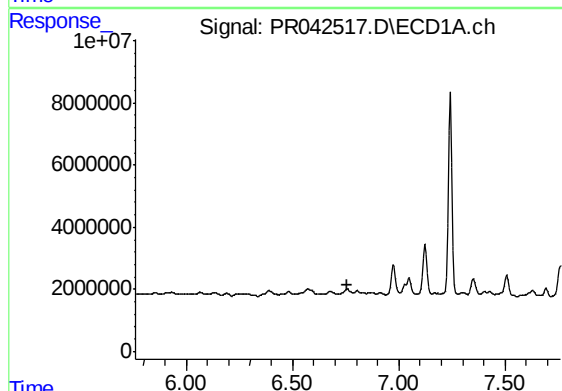
R.T.: 0.000 min
Exp R.T. : 6.827 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



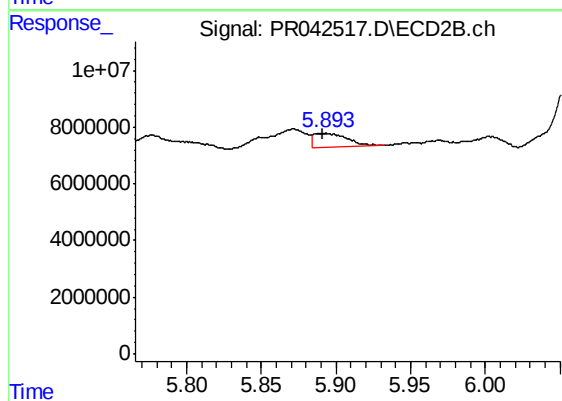
#25 AR-1248-5

R.T.: 5.894 min
Delta R.T.: -0.040 min
Response: 7473597
Conc: 20.08 ng/ml



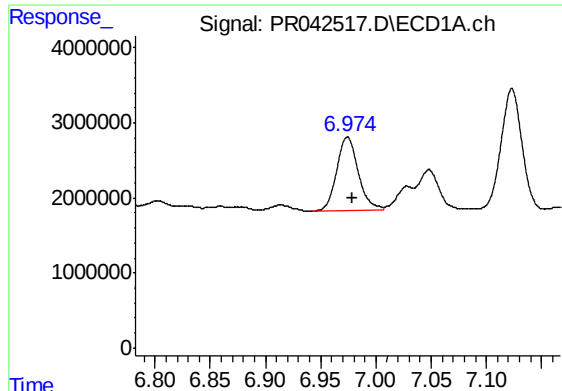
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.761 min
Response: 0
Conc: N.D.



#26 AR-1254-1

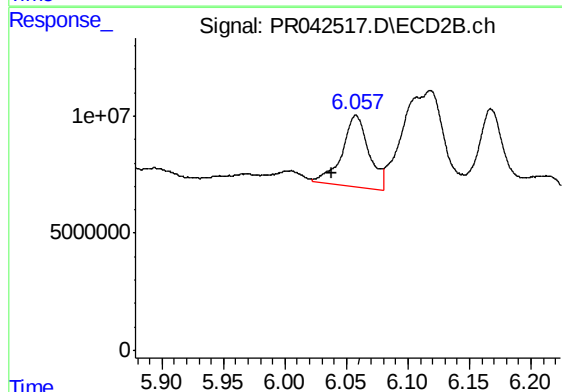
R.T.: 5.894 min
Delta R.T.: 0.002 min
Response: 7473597
Conc: 13.00 ng/ml



#27 AR-1254-2

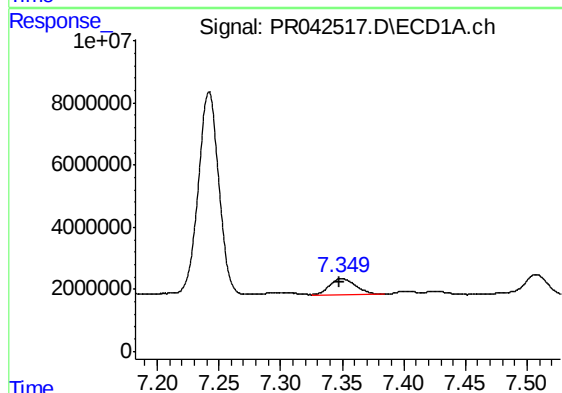
R.T.: 6.974 min
Delta R.T.: -0.004 min
Response: 13442920
Conc: 47.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



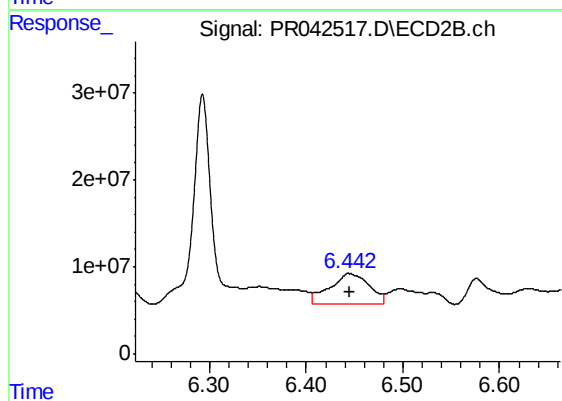
#27 AR-1254-2

R.T.: 6.058 min
Delta R.T.: 0.019 min
Response: 46673864
Conc: 85.32 ng/ml



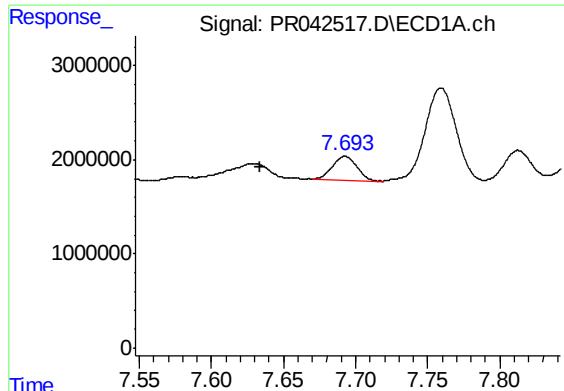
#28 AR-1254-3

R.T.: 7.349 min
Delta R.T.: 0.001 min
Response: 7568543
Conc: 24.75 ng/ml



#28 AR-1254-3

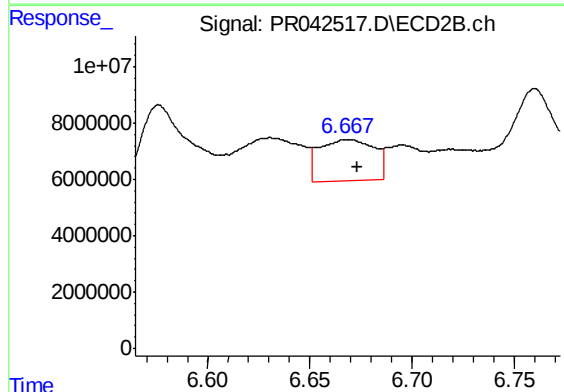
R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 100838398
Conc: 104.88 ng/ml



#29 AR-1254-4

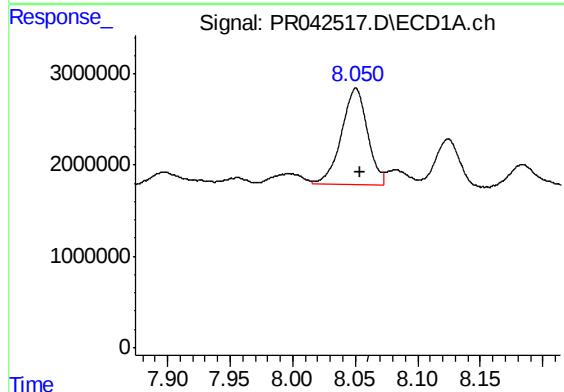
R.T.: 7.693 min
Delta R.T.: 0.059 min
Response: 2963474
Conc: 13.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



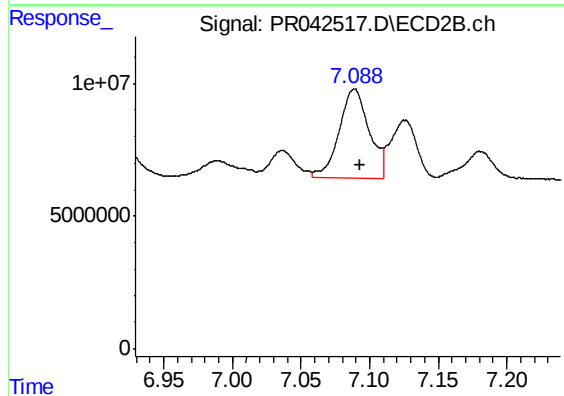
#29 AR-1254-4

R.T.: 6.668 min
Delta R.T.: -0.005 min
Response: 26774827
Conc: 40.79 ng/ml



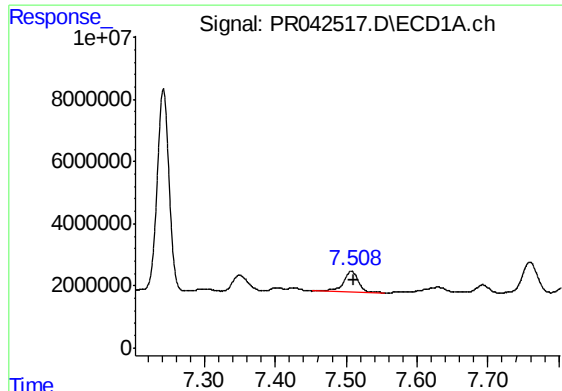
#30 AR-1254-5

R.T.: 8.051 min
Delta R.T.: -0.003 min
Response: 15302600
Conc: 65.99 ng/ml



#30 AR-1254-5

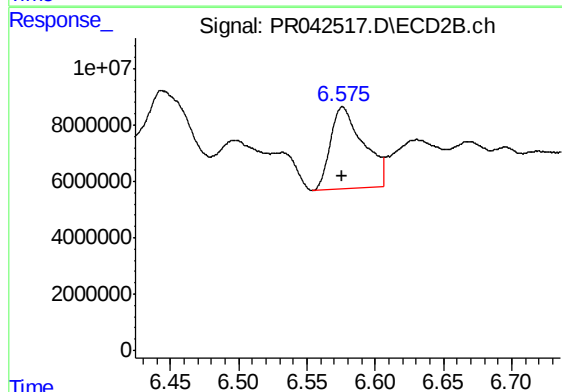
R.T.: 7.089 min
Delta R.T.: -0.005 min
Response: 51025661
Conc: 62.13 ng/ml



#31 AR-1260-1

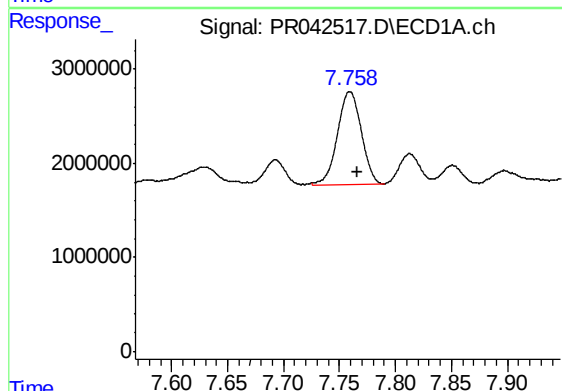
R.T.: 7.507 min
Delta R.T.: -0.003 min
Response: 9937265
Conc: 47.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



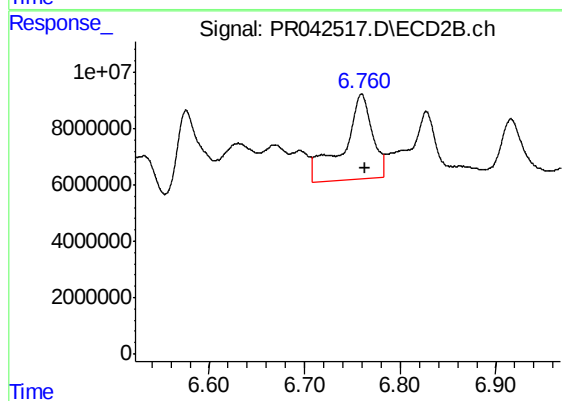
#31 AR-1260-1

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 48966110
Conc: 84.66 ng/ml



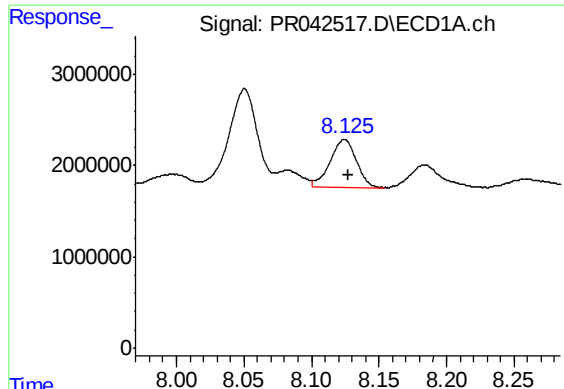
#32 AR-1260-2

R.T.: 7.759 min
Delta R.T.: -0.007 min
Response: 14524573
Conc: 59.15 ng/ml



#32 AR-1260-2

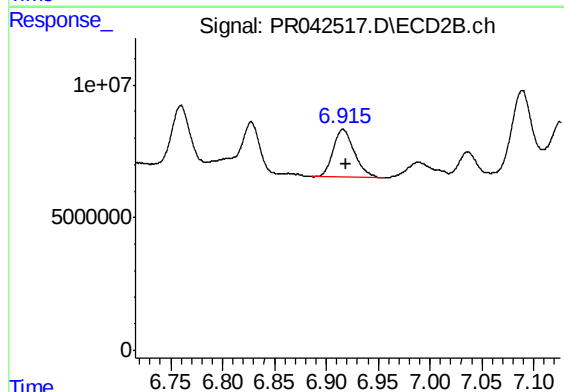
R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 64101849
Conc: 81.20 ng/ml



#33 AR-1260-3

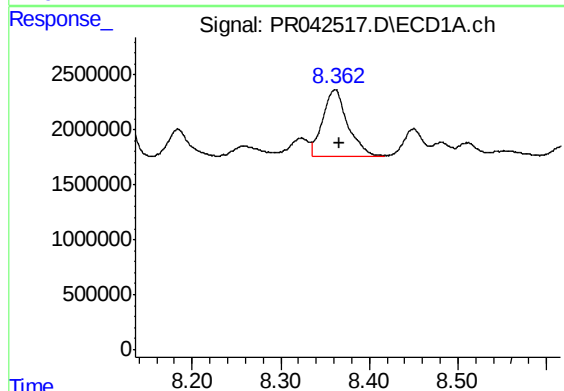
R.T.: 8.124 min
Delta R.T.: -0.003 min
Response: 6995067
Conc: 37.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



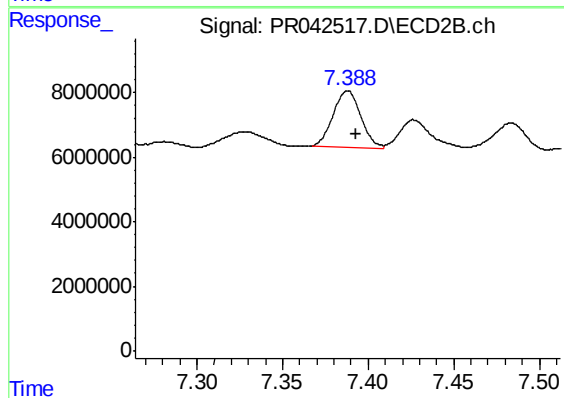
#33 AR-1260-3

R.T.: 6.916 min
Delta R.T.: -0.003 min
Response: 26031640
Conc: 38.28 ng/ml



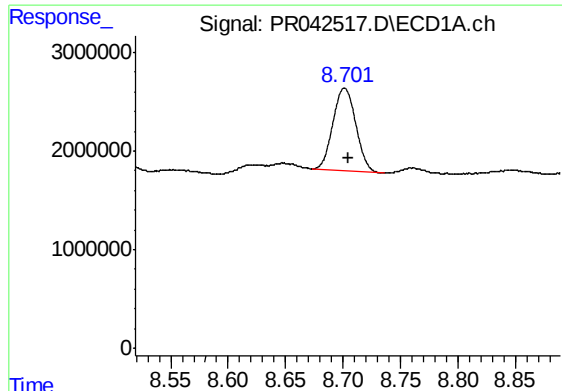
#34 AR-1260-4

R.T.: 8.362 min
Delta R.T.: -0.004 min
Response: 11742713
Conc: 55.74 ng/ml



#34 AR-1260-4

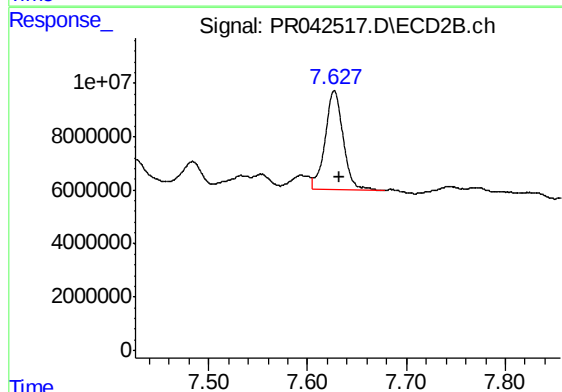
R.T.: 7.388 min
Delta R.T.: -0.005 min
Response: 19732636
Conc: 36.01 ng/ml



#35 AR-1260-5

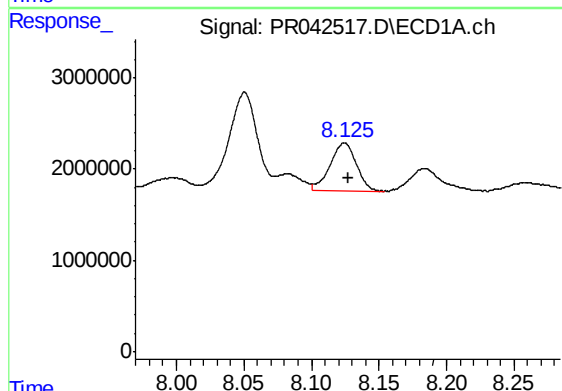
R.T.: 8.701 min
Delta R.T.: -0.004 min
Response: 11621767
Conc: 27.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



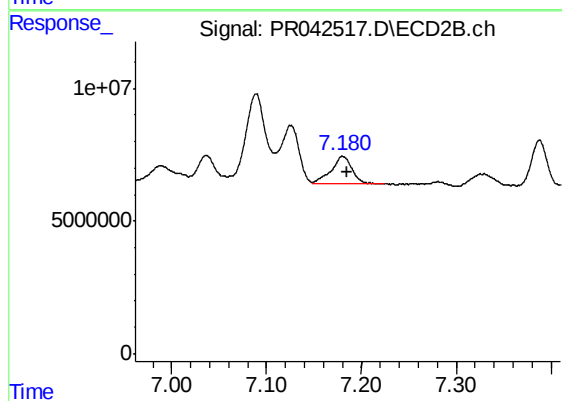
#35 AR-1260-5

R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 46959977
Conc: 31.87 ng/ml



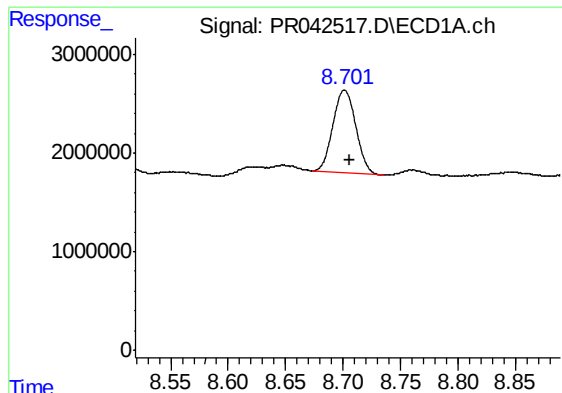
#36 AR-1262-1

R.T.: 8.124 min
Delta R.T.: -0.004 min
Response: 6995067
Conc: 23.87 ng/ml



#36 AR-1262-1

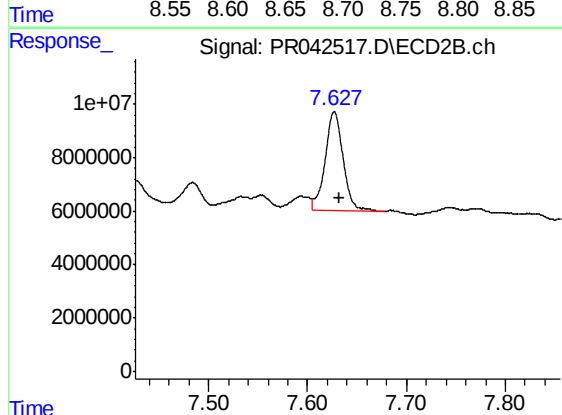
R.T.: 7.181 min
Delta R.T.: -0.005 min
Response: 15902868
Conc: 39.00 ng/ml



#37 AR-1262-2

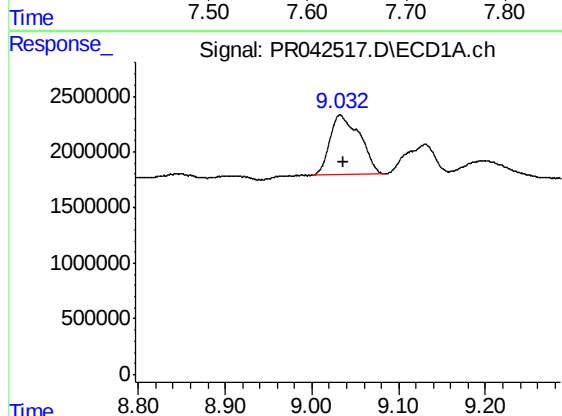
R.T.: 8.701 min
Delta R.T.: -0.005 min
Response: 11621767
Conc: 21.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



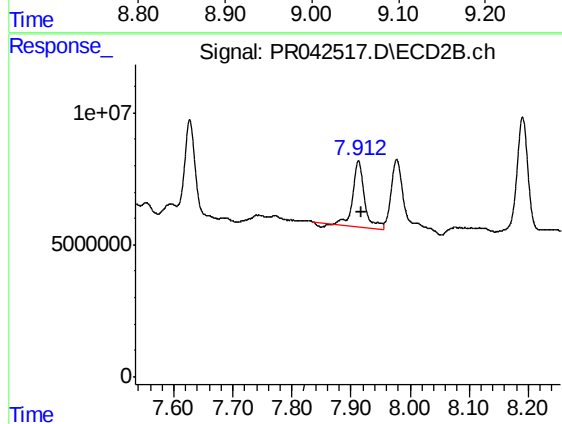
#37 AR-1262-2

R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 46959977
Conc: 25.36 ng/ml



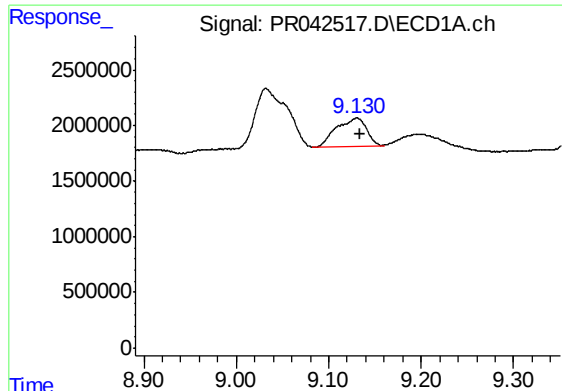
#38 AR-1262-3

R.T.: 9.032 min
Delta R.T.: -0.004 min
Response: 12812430
Conc: 37.41 ng/ml



#38 AR-1262-3

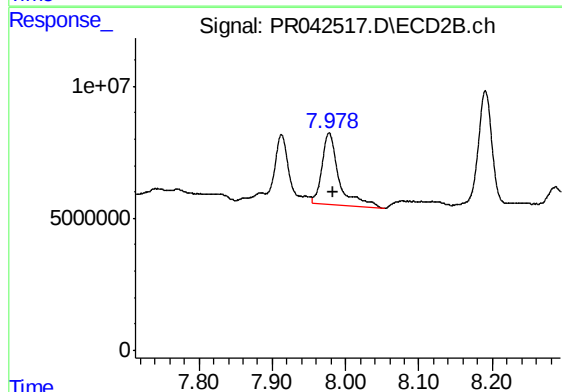
R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 33962512
Conc: 48.90 ng/ml



#39 AR-1262-4

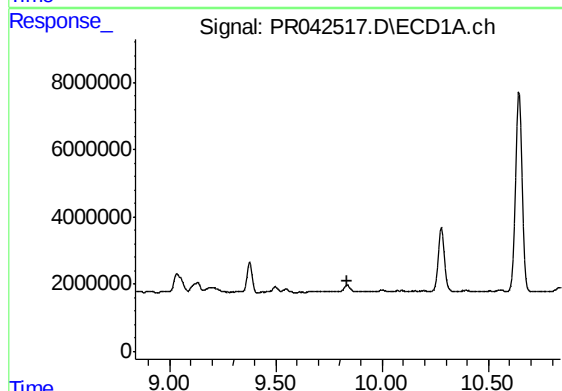
R.T.: 9.131 min
Delta R.T.: -0.003 min
Response: 5763861
Conc: 43.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



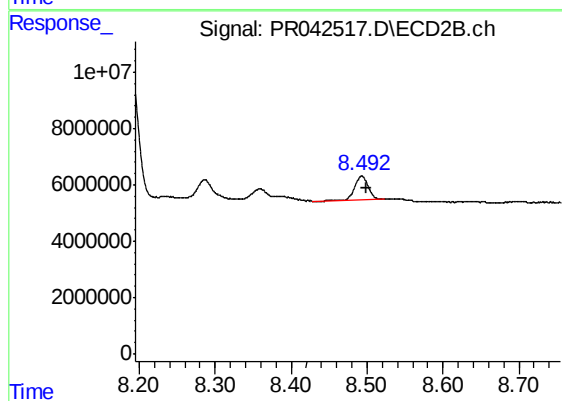
#39 AR-1262-4

R.T.: 7.978 min
Delta R.T.: -0.006 min
Response: 44023299
Conc: 36.07 ng/ml



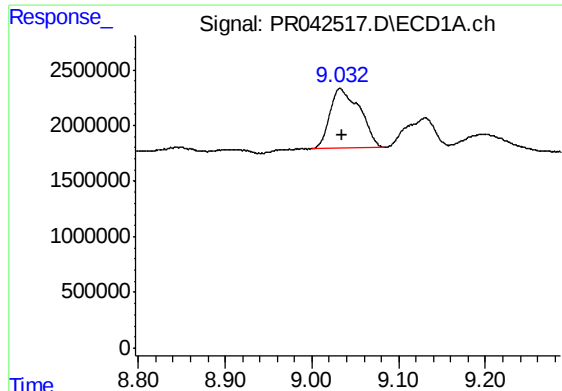
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.839 min
Response: 0
Conc: N.D.



#40 AR-1262-5

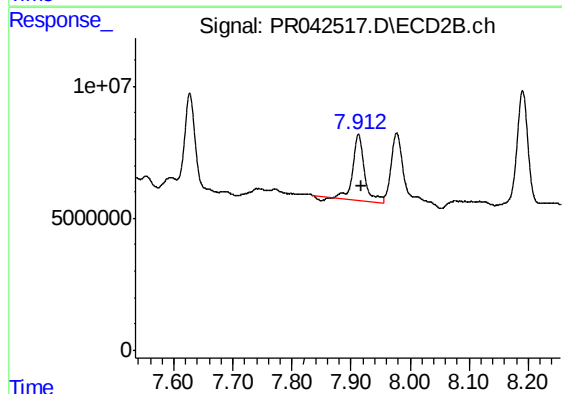
R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 10574560
Conc: 20.04 ng/ml



#41 AR-1268-1

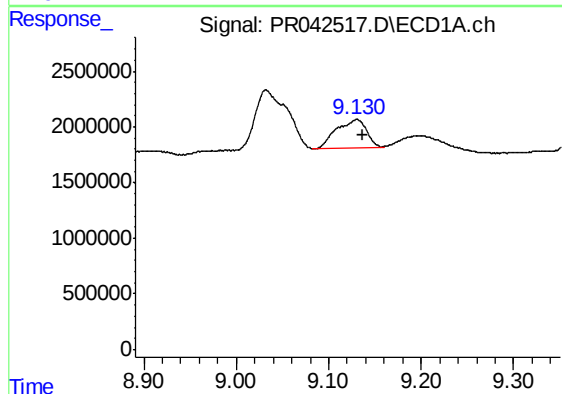
R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 12812430
Conc: 23.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



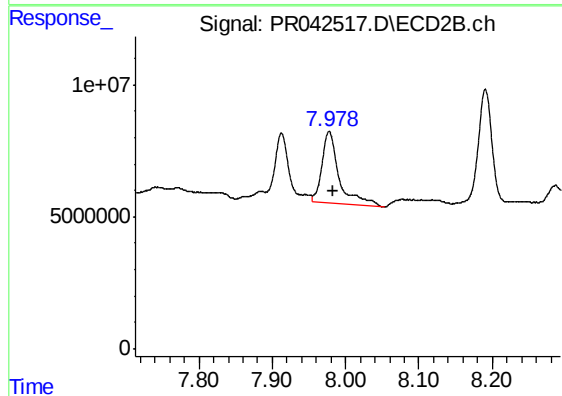
#41 AR-1268-1

R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 33962512
Conc: 18.09 ng/ml



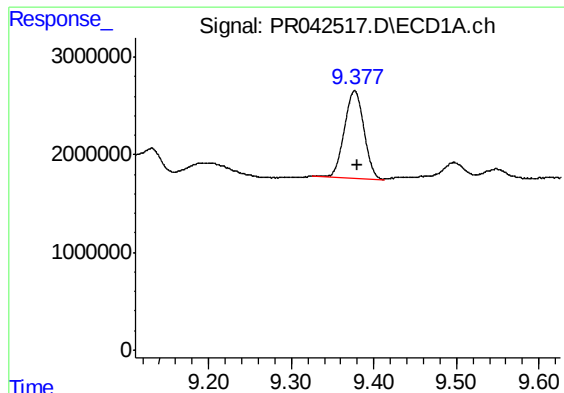
#42 AR-1268-2

R.T.: 9.131 min
Delta R.T.: -0.006 min
Response: 5763861
Conc: 11.90 ng/ml



#42 AR-1268-2

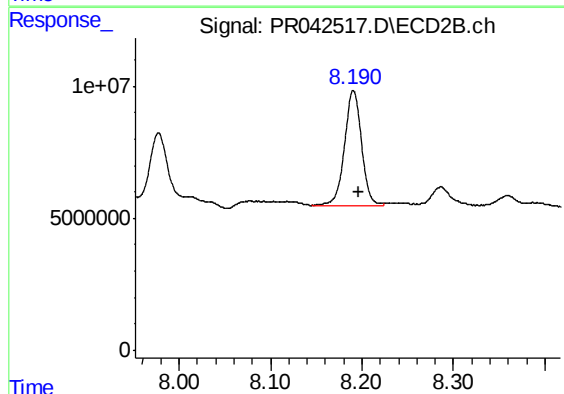
R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 44023299
Conc: 26.38 ng/ml



#43 AR-1268-3

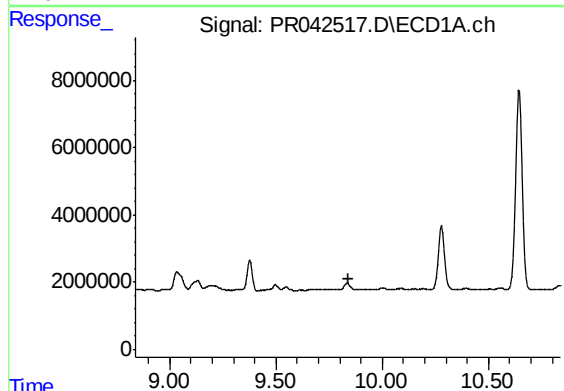
R.T.: 9.377 min
Delta R.T.: -0.004 min
Response: 14676442
Conc: 37.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



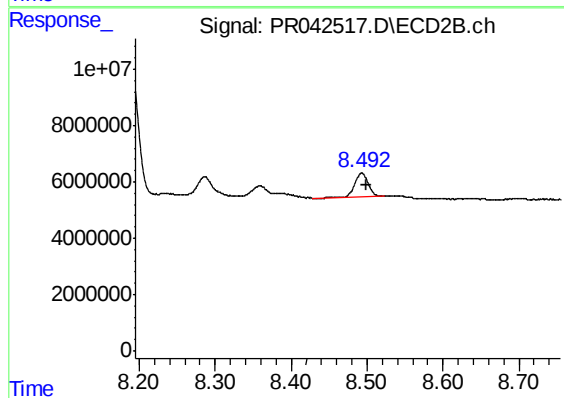
#43 AR-1268-3

R.T.: 8.191 min
Delta R.T.: -0.006 min
Response: 56044662
Conc: 39.86 ng/ml



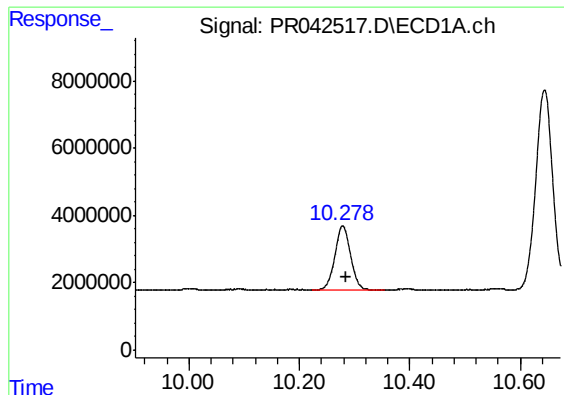
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.839 min
Response: 0
Conc: N.D.



#44 AR-1268-4

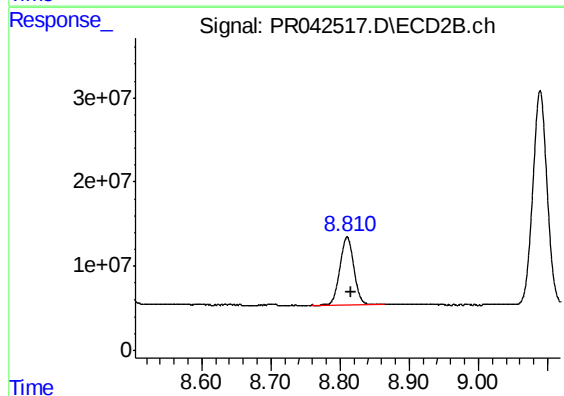
R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 10574560
Conc: 19.54 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: -0.006 min
Response: 37135769
Conc: 30.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
187-30-(0-2)



#45 AR-1268-5

R.T.: 8.810 min
Delta R.T.: -0.007 min
Response: 111896411
Conc: 29.29 ng/ml