

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR051519\
 Data File : PR037952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2019 20:02
 Operator : SM\MA
 Sample : K2241-09
 Misc : AR1248 MDL 25PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 04:25:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR051119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun May 12 00:51:44 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

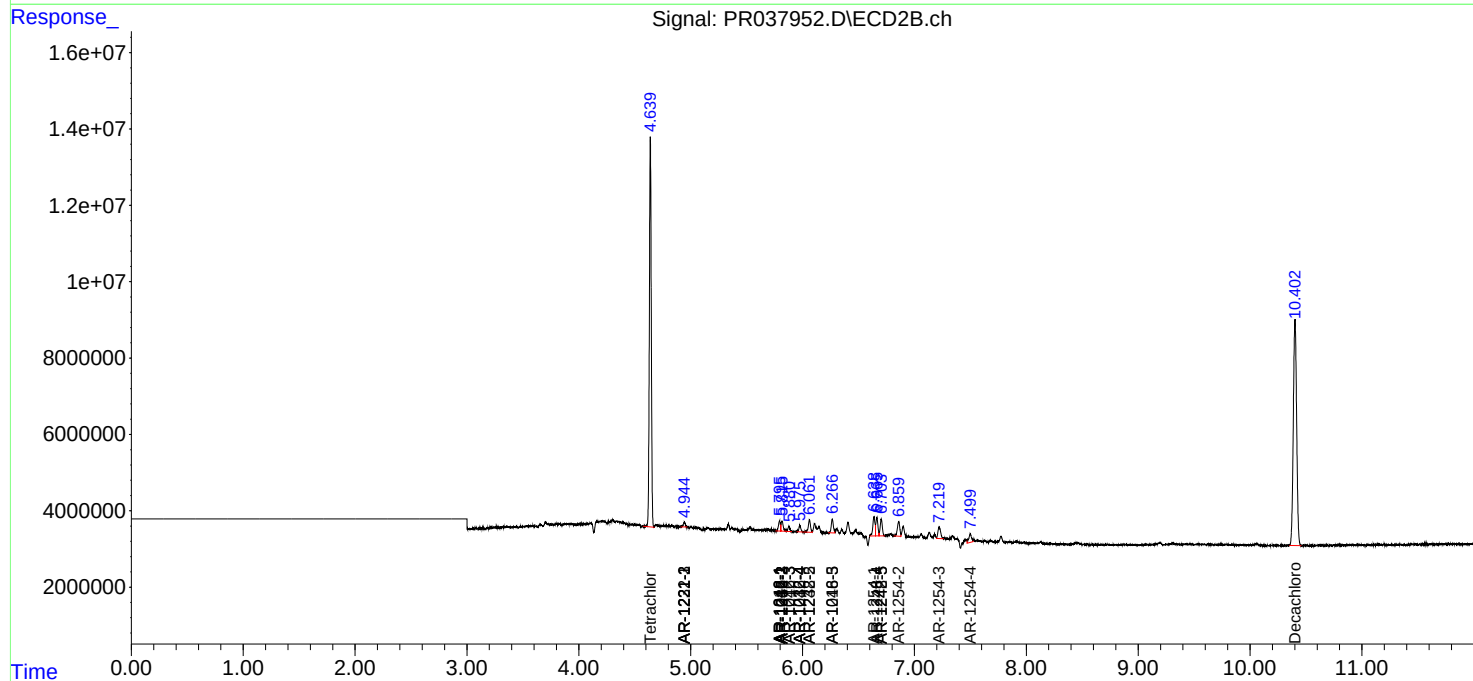
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

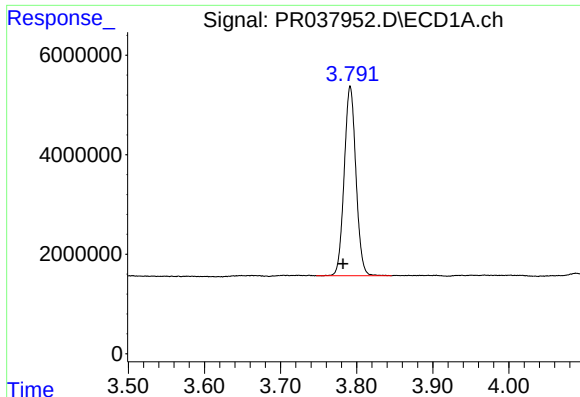
System Monitoring Compounds							
1)	SA Tetrachlo...	3.792	4.639	40697968	120.9E6	22.584	23.971
2)	SA Decachlor...	8.780	10.402	56827533	122.8E6	29.786	26.991
Target Compounds							
3)	L1 AR-1016-1	4.864	5.795	1253926	3219551	16.082	17.117
4)	L1 AR-1016-2	4.883	5.816	1208141	3426075	11.209	12.648
5)	L1 AR-1016-3	5.057	5.880	822198	1757663	14.496	10.796 #
6)	L1 AR-1016-4	5.098	5.975	1491078	1956815	32.624	14.213 #
7)	L1 AR-1016-5	5.309	6.266	5399553	4674622	87.059	34.413 #
9)	L2 AR-1221-2	4.088	4.947	597801	1588818	37.925	40.954
10)	L2 AR-1221-3	0.000	4.947	0	1588818	N.D.	12.320 #
11)	L3 AR-1232-1	4.088	4.947	597801	1588818	10.851	11.002
12)	L3 AR-1232-2	4.883	0.000	1208141	0	17.761	N.D. #
13)	L3 AR-1232-3	5.057	5.816	822198	3426075	23.265	20.186
14)	L3 AR-1232-4	5.139	5.975	1248025	1956815	40.453	22.963 #
15)	L3 AR-1232-5	5.309	6.062	5399553	4561970	153.732	75.683 #
16)	L4 AR-1242-1	4.864	5.795	1253926	3219551	20.665	22.137
17)	L4 AR-1242-2	4.883	5.816	1208141	3426075	14.503	16.297
18)	L4 AR-1242-3	5.057	5.880	822198	1757663	18.490	13.786 #
19)	L4 AR-1242-4	5.139	5.975	1248025	1956815	29.120	18.299 #
20)	L4 AR-1242-5	5.656	6.704	2883578	5865750	46.340	47.418
21)	L5 AR-1248-1	4.864	5.795	1253926	3219551	26.292	28.289
22)	L5 AR-1248-2	5.098	6.062	1491078	4561970	24.165	29.436
23)	L5 AR-1248-3	5.139	6.266	1248025	4674622	19.705	25.648 #
24)	L5 AR-1248-4	5.309	6.665	5399553	6171034	67.006	28.235 #
25)	L5 AR-1248-5	5.697	6.704	2578432	5865750	30.344	28.179
26)	L6 AR-1254-1	5.656	6.639	2883578	6804452	19.478	28.252 #
27)	L6 AR-1254-2	5.803	6.859	1112035	5789061	8.636	15.163 #
28)	L6 AR-1254-3	6.202	7.219	3740902	5081943	16.946	12.025 #
29)	L6 AR-1254-4	6.428	7.499	1680671	3920752	11.101	12.690
31)	L7 AR-1260-1	6.347	0.000	3387900	0	28.231	N.D. #
32)	L7 AR-1260-2	6.505	0.000	1082724	0	6.907	N.D. #
38)	L8 AR-1262-3	7.676	0.000	301651	0	2.408	N.D. #
39)	L8 AR-1262-4	7.707	0.000	427479	0	1.838	N.D. #
41)	L9 AR-1268-1	7.676	0.000	301651	0	0.692	N.D. #
42)	L9 AR-1268-2	7.707	0.000	427479	0	1.087	N.D. #

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

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

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

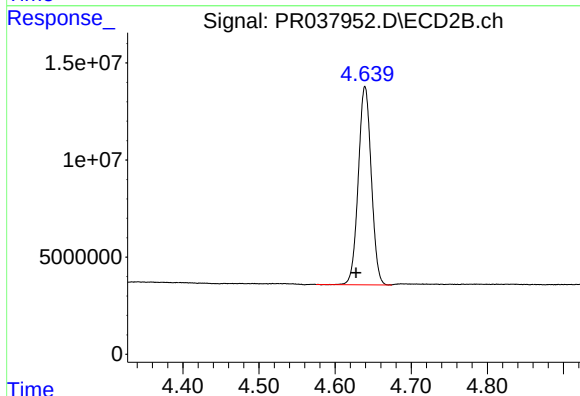




#1 Tetrachloro-m-xylene

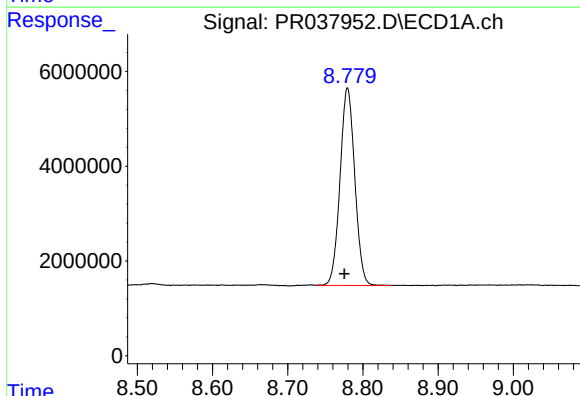
R.T.: 3.792 min
Delta R.T.: 0.010 min
Response: 40697968
Conc: 22.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



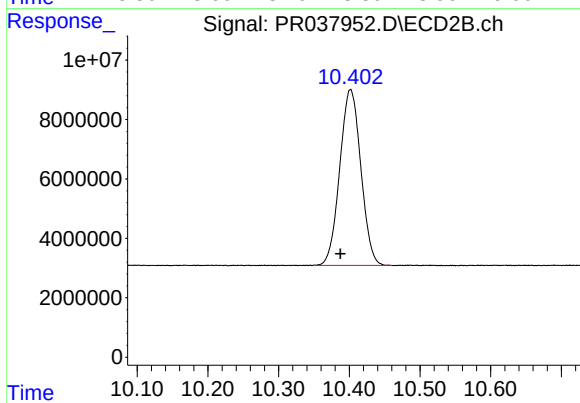
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.012 min
Response: 120882448
Conc: 23.97 ng/ml



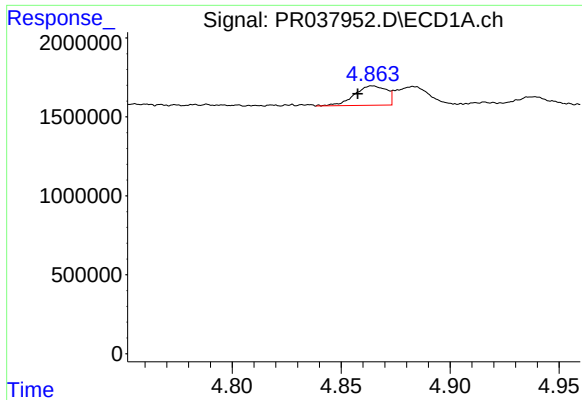
#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: 0.004 min
Response: 56827533
Conc: 29.79 ng/ml



#2 Decachlorobiphenyl

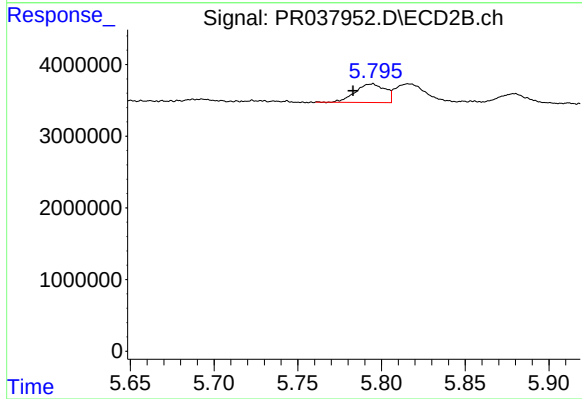
R.T.: 10.402 min
Delta R.T.: 0.014 min
Response: 122760088
Conc: 26.99 ng/ml



#3 AR-1016-1

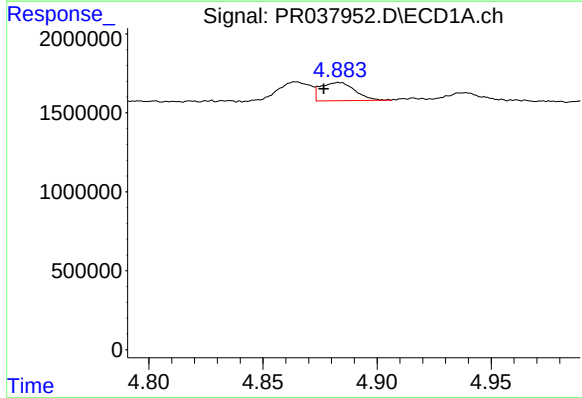
R.T.: 4.864 min
Delta R.T.: 0.007 min
Response: 1253926
Conc: 16.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



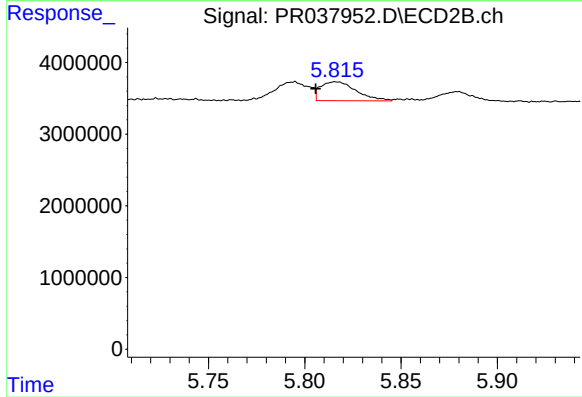
#3 AR-1016-1

R.T.: 5.795 min
Delta R.T.: 0.012 min
Response: 3219551
Conc: 17.12 ng/ml



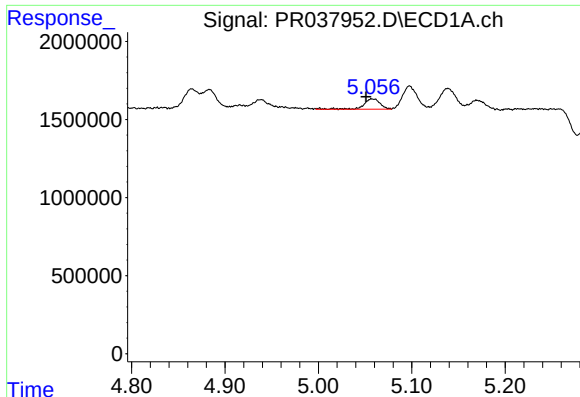
#4 AR-1016-2

R.T.: 4.883 min
Delta R.T.: 0.007 min
Response: 1208141
Conc: 11.21 ng/ml



#4 AR-1016-2

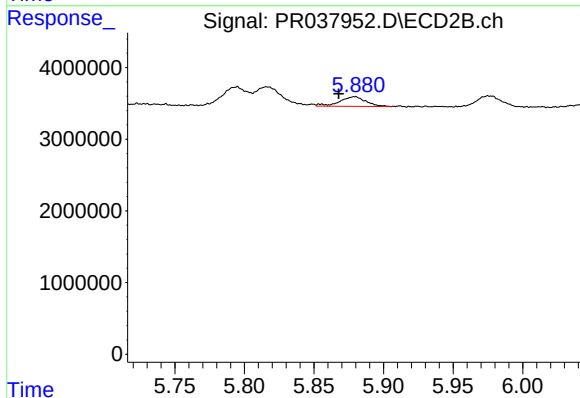
R.T.: 5.816 min
Delta R.T.: 0.010 min
Response: 3426075
Conc: 12.65 ng/ml



#5 AR-1016-3

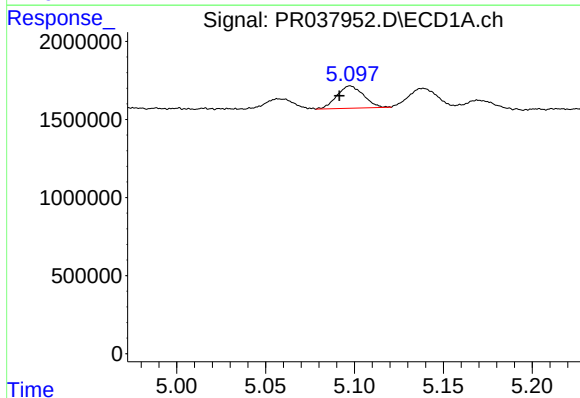
R.T.: 5.057 min
Delta R.T.: 0.006 min
Response: 822198
Conc: 14.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



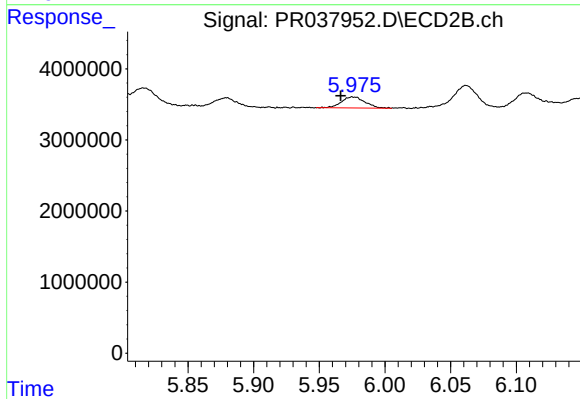
#5 AR-1016-3

R.T.: 5.880 min
Delta R.T.: 0.012 min
Response: 1757663
Conc: 10.80 ng/ml



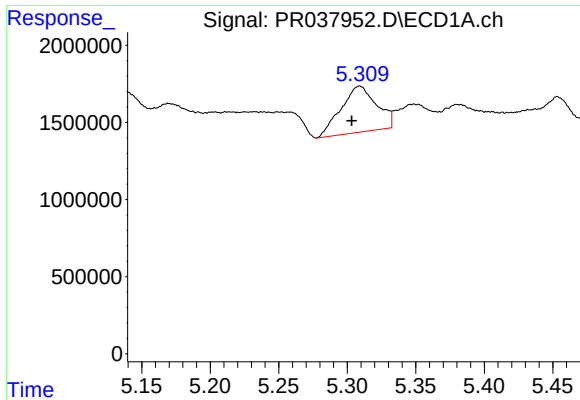
#6 AR-1016-4

R.T.: 5.098 min
Delta R.T.: 0.006 min
Response: 1491078
Conc: 32.62 ng/ml



#6 AR-1016-4

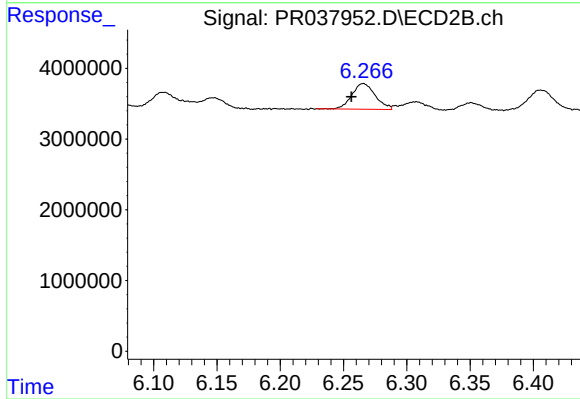
R.T.: 5.975 min
Delta R.T.: 0.009 min
Response: 1956815
Conc: 14.21 ng/ml



#7 AR-1016-5

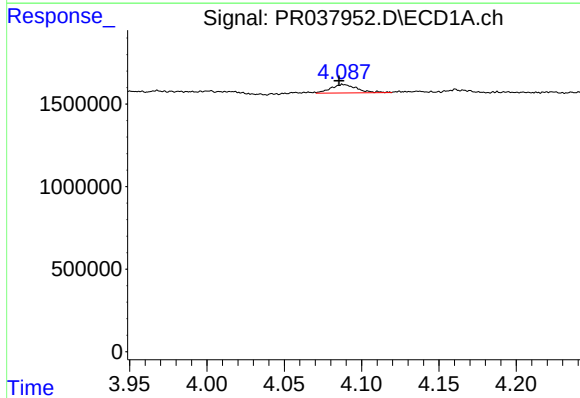
R.T.: 5.309 min
Delta R.T.: 0.006 min
Response: 5399553
Conc: 87.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



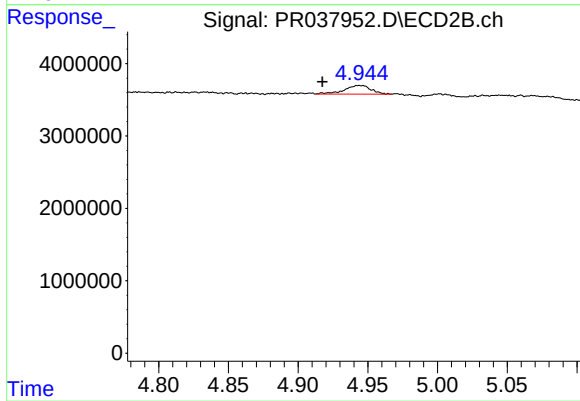
#7 AR-1016-5

R.T.: 6.266 min
Delta R.T.: 0.009 min
Response: 4674622
Conc: 34.41 ng/ml



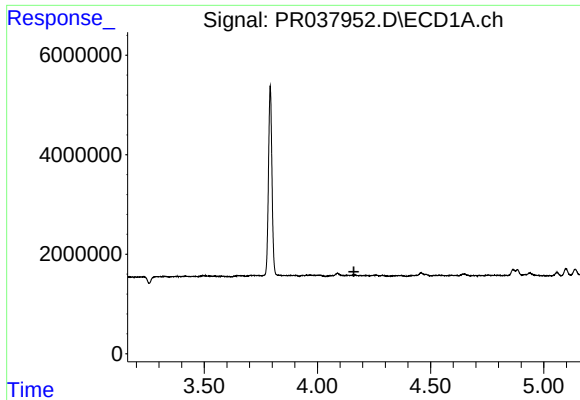
#9 AR-1221-2

R.T.: 4.088 min
Delta R.T.: 0.002 min
Response: 597801
Conc: 37.92 ng/ml



#9 AR-1221-2

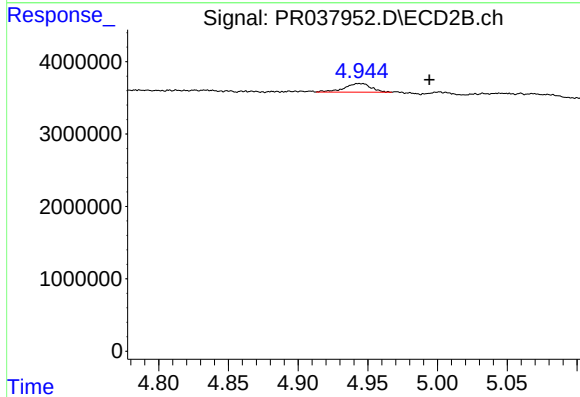
R.T.: 4.947 min
Delta R.T.: 0.029 min
Response: 1588818
Conc: 40.95 ng/ml



#10 AR-1221-3

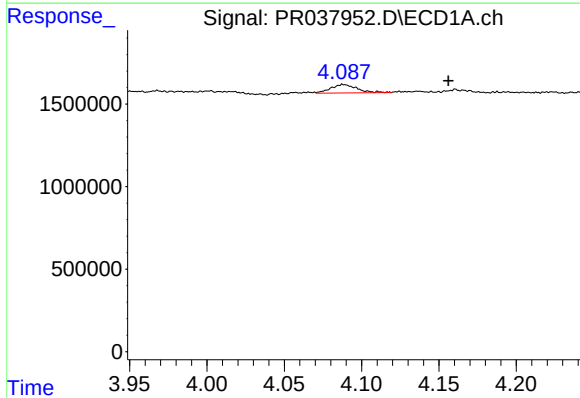
R.T.: 0.000 min
Exp R.T.: 4.161 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



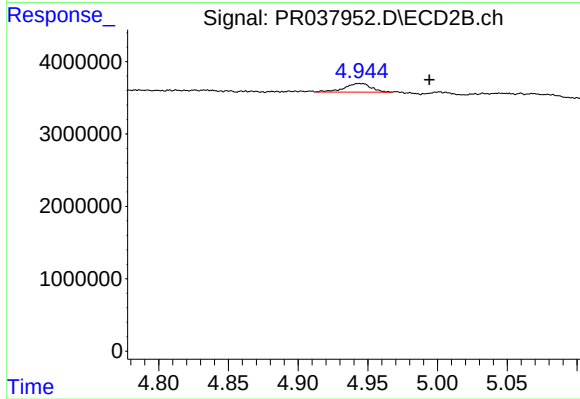
#10 AR-1221-3

R.T.: 4.947 min
Delta R.T.: -0.048 min
Response: 1588818
Conc: 12.32 ng/ml



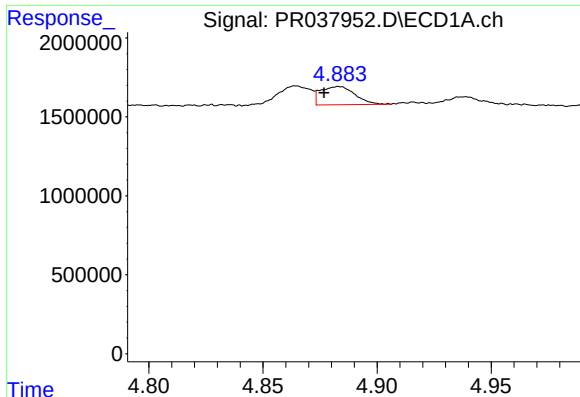
#11 AR-1232-1

R.T.: 4.088 min
Delta R.T.: -0.068 min
Response: 597801
Conc: 10.85 ng/ml



#11 AR-1232-1

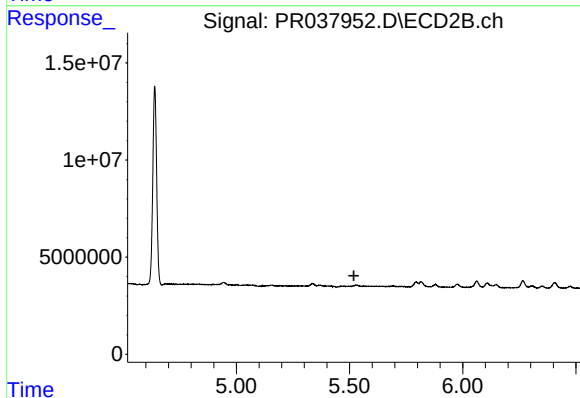
R.T.: 4.947 min
Delta R.T.: -0.048 min
Response: 1588818
Conc: 11.00 ng/ml



#12 AR-1232-2

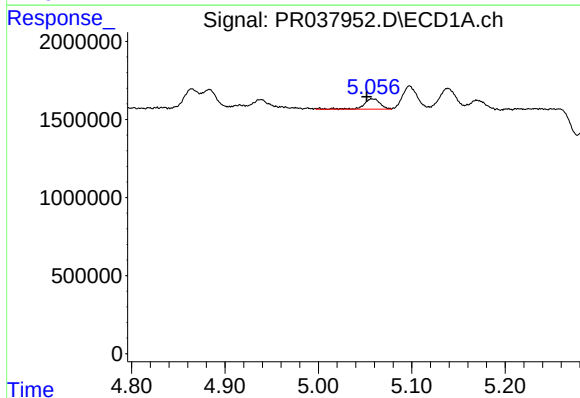
R.T.: 4.883 min
Delta R.T.: 0.007 min
Response: 1208141
Conc: 17.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



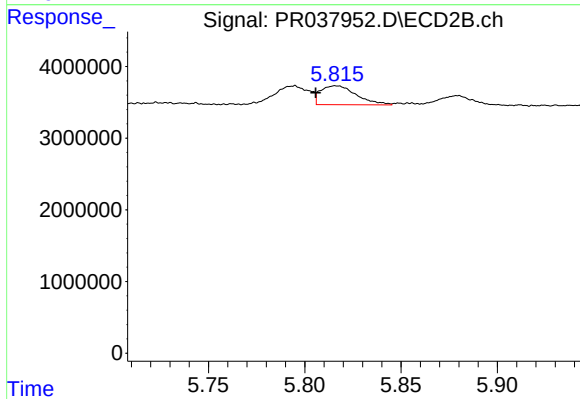
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.519 min
Response: 0
Conc: N.D.



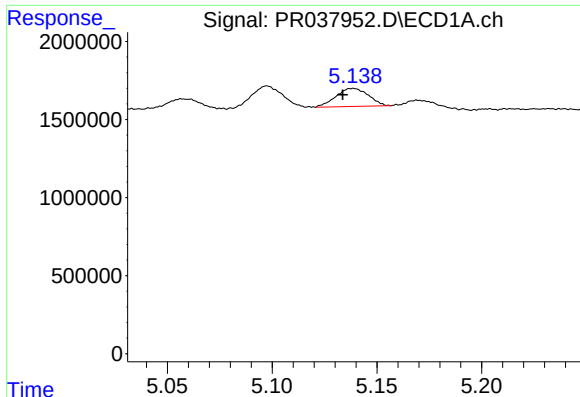
#13 AR-1232-3

R.T.: 5.057 min
Delta R.T.: 0.005 min
Response: 822198
Conc: 23.26 ng/ml



#13 AR-1232-3

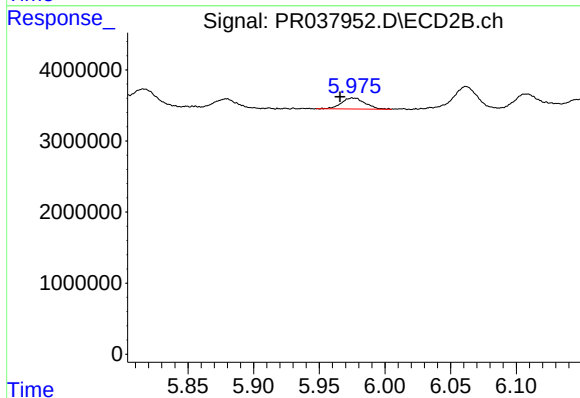
R.T.: 5.816 min
Delta R.T.: 0.010 min
Response: 3426075
Conc: 20.19 ng/ml



#14 AR-1232-4

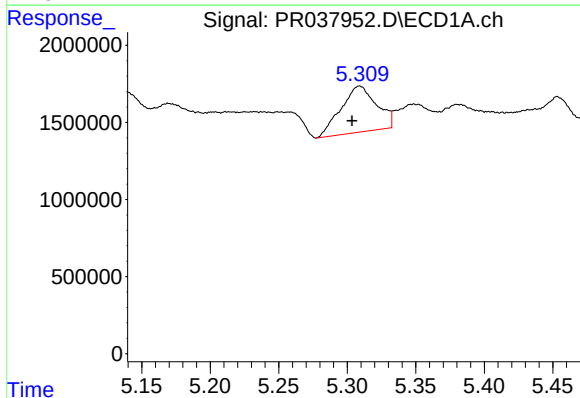
R.T.: 5.139 min
Delta R.T.: 0.005 min
Response: 1248025
Conc: 40.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



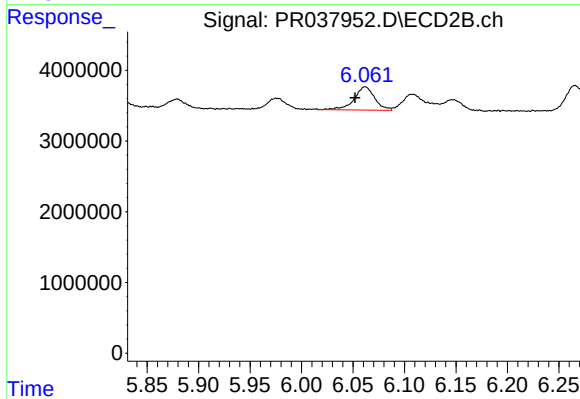
#14 AR-1232-4

R.T.: 5.975 min
Delta R.T.: 0.009 min
Response: 1956815
Conc: 22.96 ng/ml



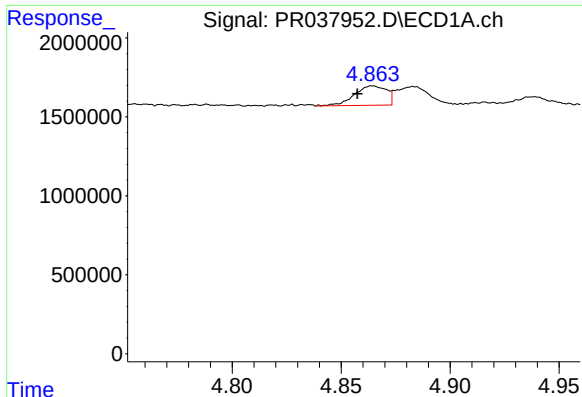
#15 AR-1232-5

R.T.: 5.309 min
Delta R.T.: 0.005 min
Response: 5399553
Conc: 153.73 ng/ml



#15 AR-1232-5

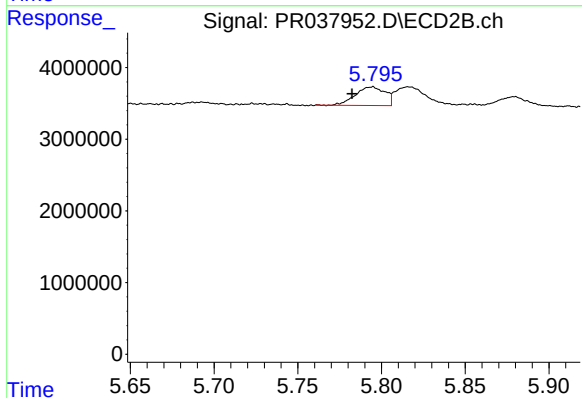
R.T.: 6.062 min
Delta R.T.: 0.010 min
Response: 4561970
Conc: 75.68 ng/ml



#16 AR-1242-1

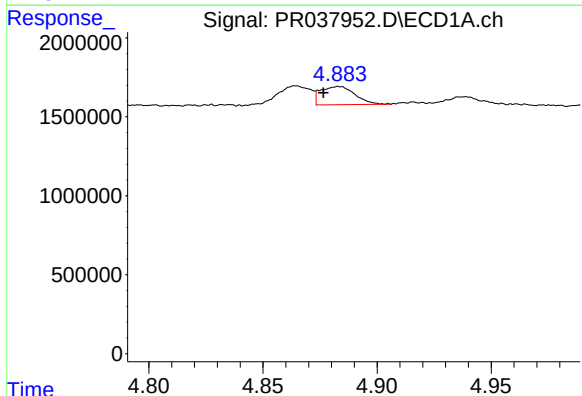
R.T.: 4.864 min
Delta R.T.: 0.007 min
Response: 1253926
Conc: 20.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



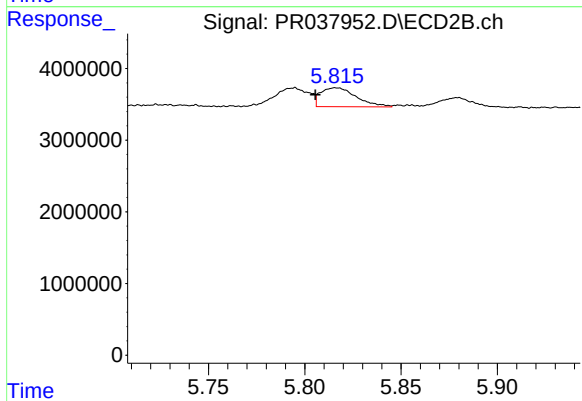
#16 AR-1242-1

R.T.: 5.795 min
Delta R.T.: 0.012 min
Response: 3219551
Conc: 22.14 ng/ml



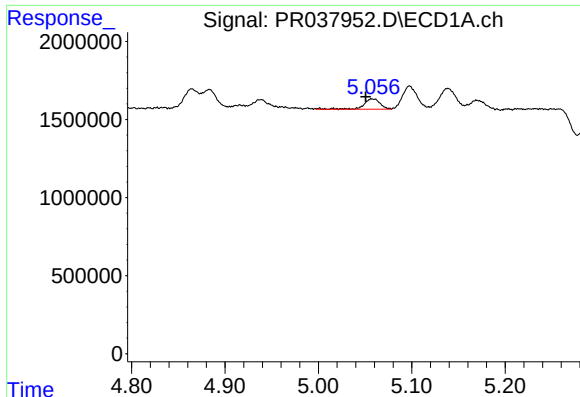
#17 AR-1242-2

R.T.: 4.883 min
Delta R.T.: 0.007 min
Response: 1208141
Conc: 14.50 ng/ml



#17 AR-1242-2

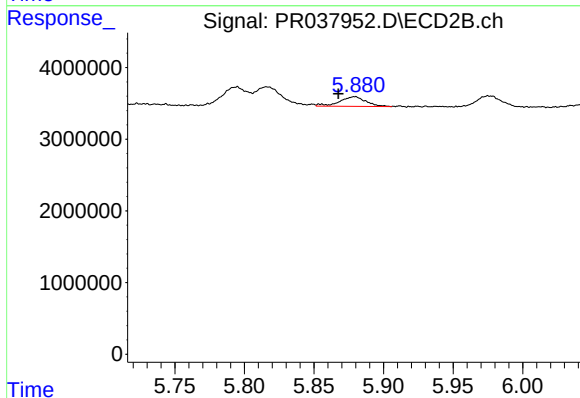
R.T.: 5.816 min
Delta R.T.: 0.010 min
Response: 3426075
Conc: 16.30 ng/ml



#18 AR-1242-3

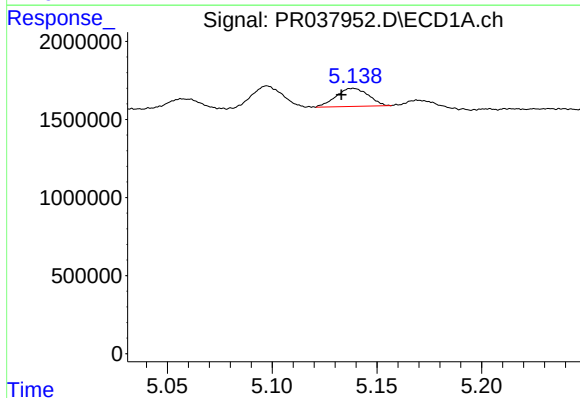
R.T.: 5.057 min
Delta R.T.: 0.006 min
Response: 822198
Conc: 18.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



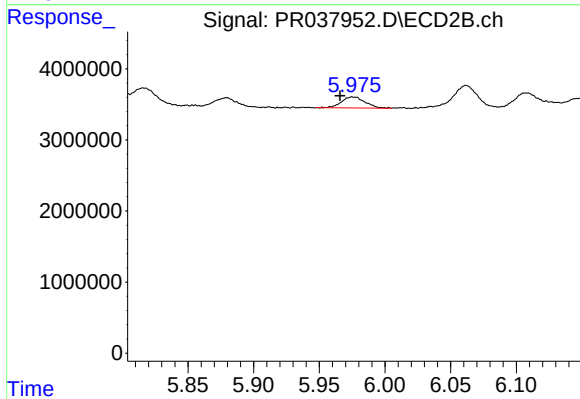
#18 AR-1242-3

R.T.: 5.880 min
Delta R.T.: 0.012 min
Response: 1757663
Conc: 13.79 ng/ml



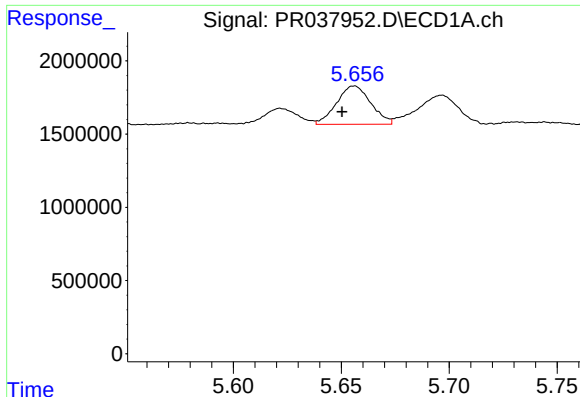
#19 AR-1242-4

R.T.: 5.139 min
Delta R.T.: 0.006 min
Response: 1248025
Conc: 29.12 ng/ml



#19 AR-1242-4

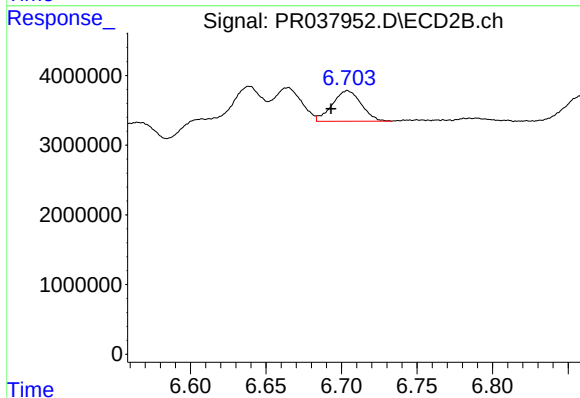
R.T.: 5.975 min
Delta R.T.: 0.009 min
Response: 1956815
Conc: 18.30 ng/ml



#20 AR-1242-5

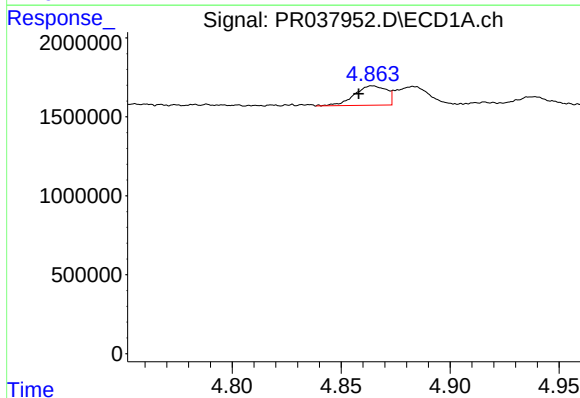
R.T.: 5.656 min
Delta R.T.: 0.006 min
Response: 2883578
Conc: 46.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



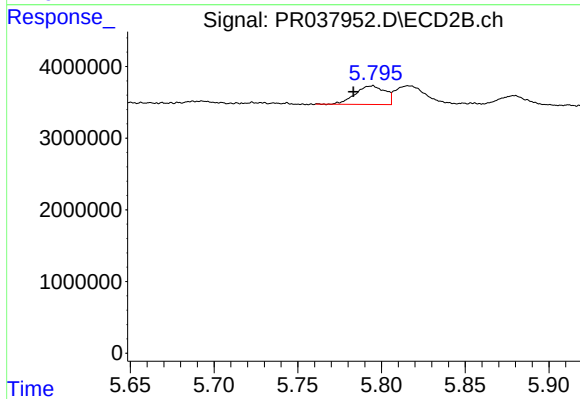
#20 AR-1242-5

R.T.: 6.704 min
Delta R.T.: 0.011 min
Response: 5865750
Conc: 47.42 ng/ml



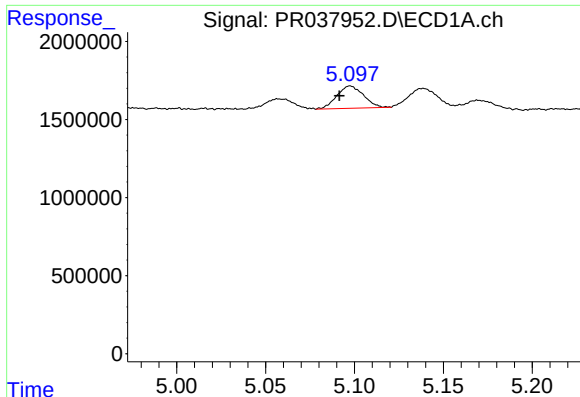
#21 AR-1248-1

R.T.: 4.864 min
Delta R.T.: 0.006 min
Response: 1253926
Conc: 26.29 ng/ml



#21 AR-1248-1

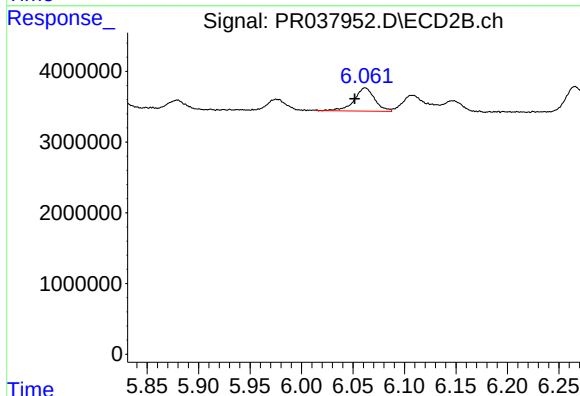
R.T.: 5.795 min
Delta R.T.: 0.012 min
Response: 3219551
Conc: 28.29 ng/ml



#22 AR-1248-2

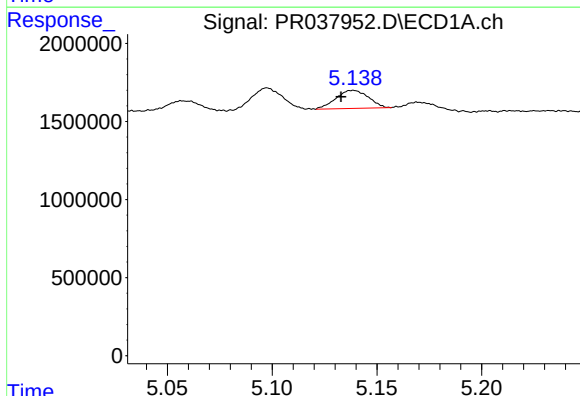
R.T.: 5.098 min
Delta R.T.: 0.006 min
Response: 1491078
Conc: 24.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



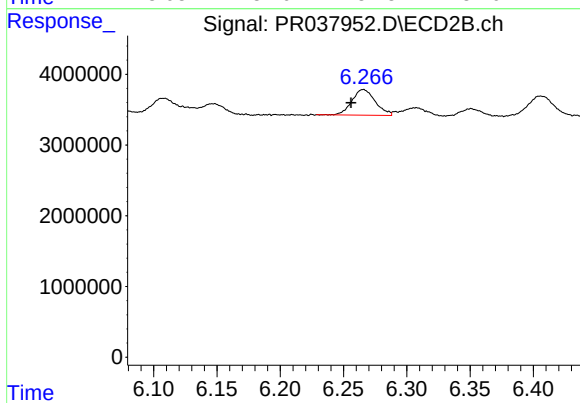
#22 AR-1248-2

R.T.: 6.062 min
Delta R.T.: 0.010 min
Response: 4561970
Conc: 29.44 ng/ml



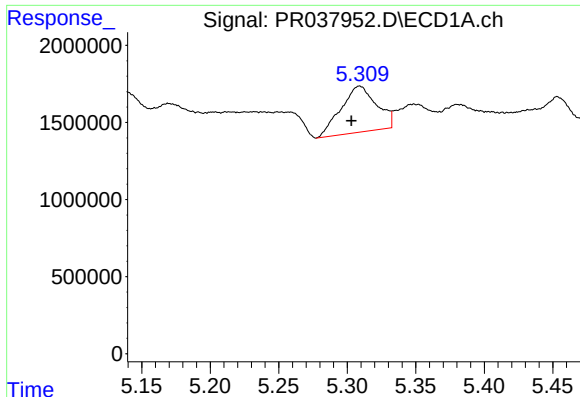
#23 AR-1248-3

R.T.: 5.139 min
Delta R.T.: 0.006 min
Response: 1248025
Conc: 19.70 ng/ml



#23 AR-1248-3

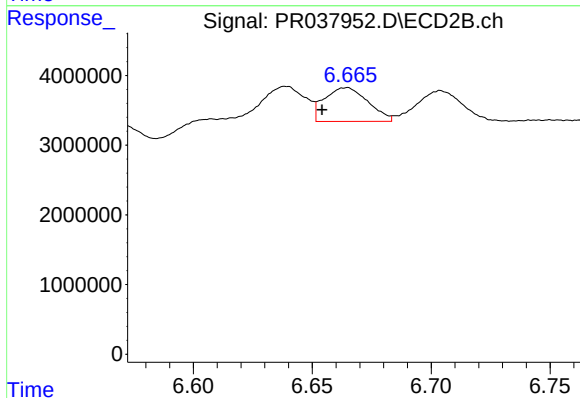
R.T.: 6.266 min
Delta R.T.: 0.010 min
Response: 4674622
Conc: 25.65 ng/ml



#24 AR-1248-4

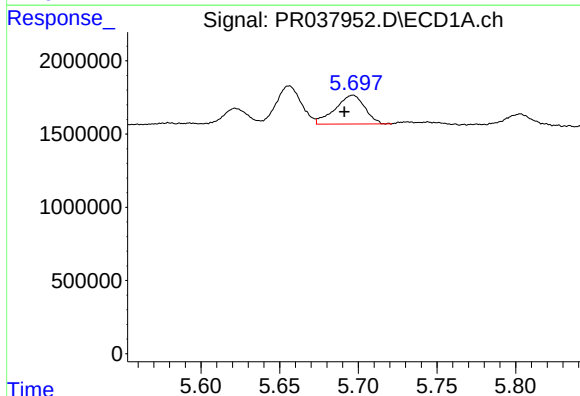
R.T.: 5.309 min
Delta R.T.: 0.006 min
Response: 5399553
Conc: 67.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



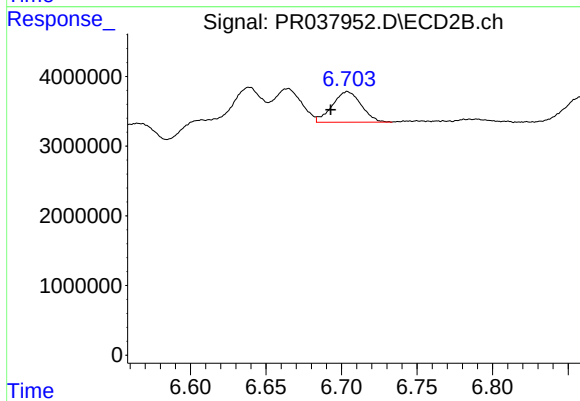
#24 AR-1248-4

R.T.: 6.665 min
Delta R.T.: 0.011 min
Response: 6171034
Conc: 28.23 ng/ml



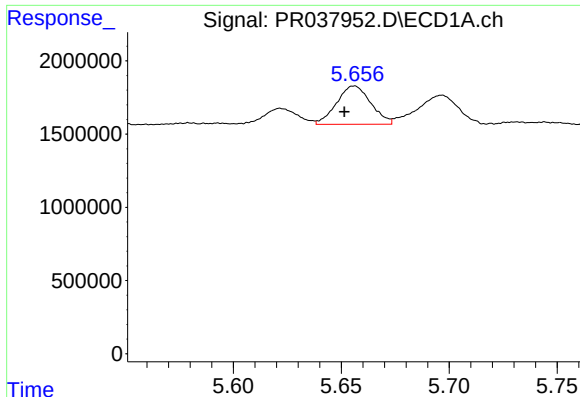
#25 AR-1248-5

R.T.: 5.697 min
Delta R.T.: 0.006 min
Response: 2578432
Conc: 30.34 ng/ml



#25 AR-1248-5

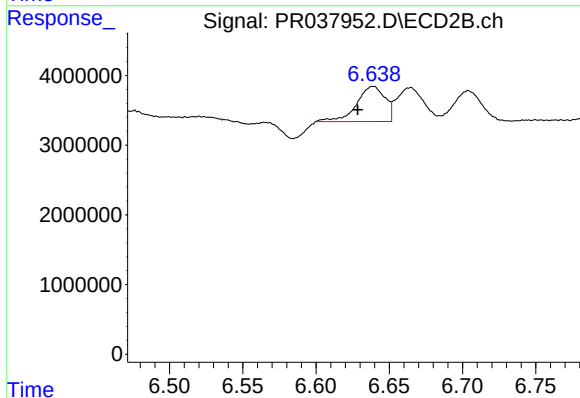
R.T.: 6.704 min
Delta R.T.: 0.011 min
Response: 5865750
Conc: 28.18 ng/ml



#26 AR-1254-1

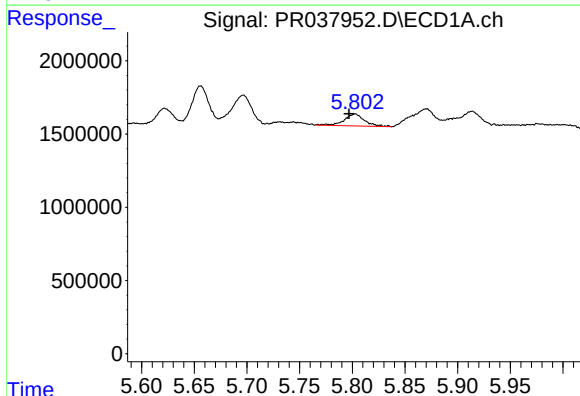
R.T.: 5.656 min
Delta R.T.: 0.005 min
Response: 2883578
Conc: 19.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



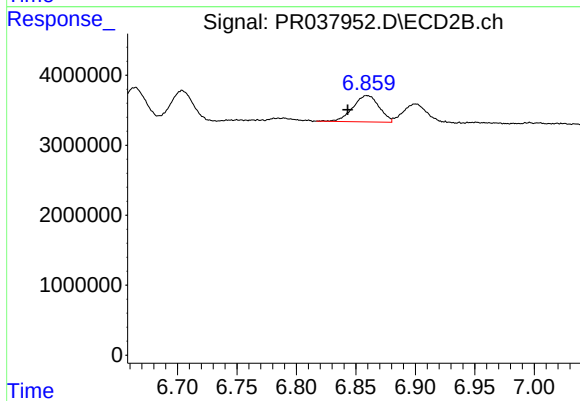
#26 AR-1254-1

R.T.: 6.639 min
Delta R.T.: 0.010 min
Response: 6804452
Conc: 28.25 ng/ml



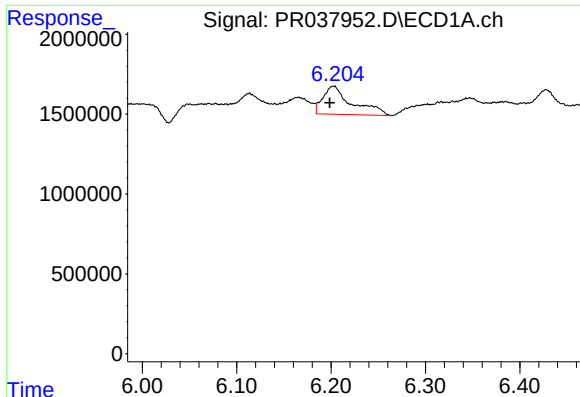
#27 AR-1254-2

R.T.: 5.803 min
Delta R.T.: 0.006 min
Response: 1112035
Conc: 8.64 ng/ml



#27 AR-1254-2

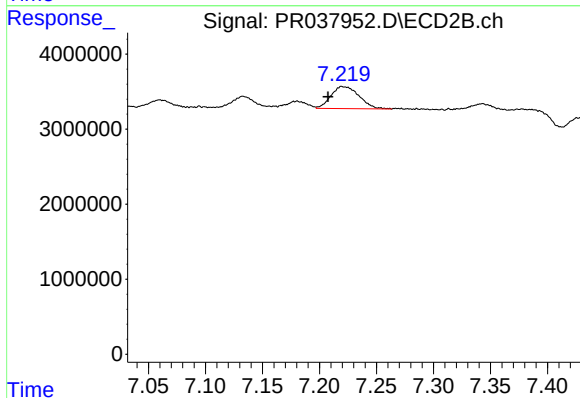
R.T.: 6.859 min
Delta R.T.: 0.016 min
Response: 5789061
Conc: 15.16 ng/ml



#28 AR-1254-3

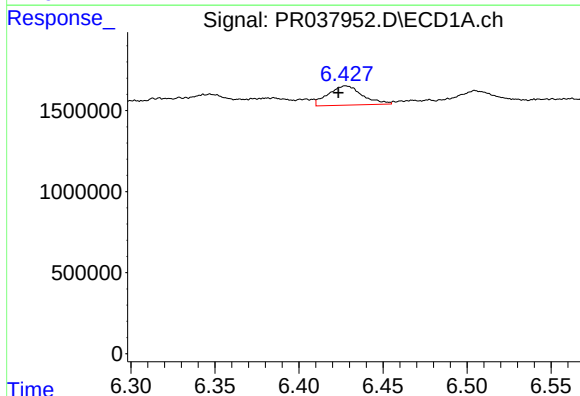
R.T.: 6.202 min
Delta R.T.: 0.004 min
Response: 3740902
Conc: 16.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



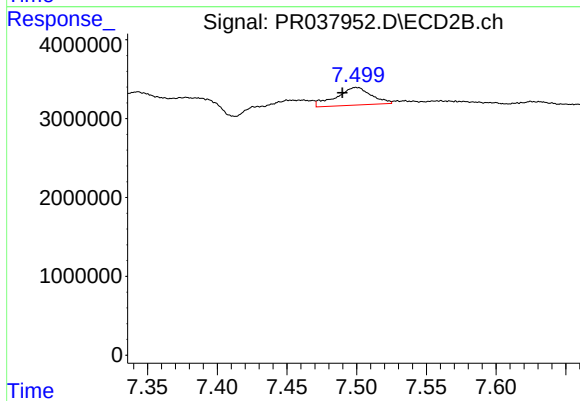
#28 AR-1254-3

R.T.: 7.219 min
Delta R.T.: 0.012 min
Response: 5081943
Conc: 12.03 ng/ml



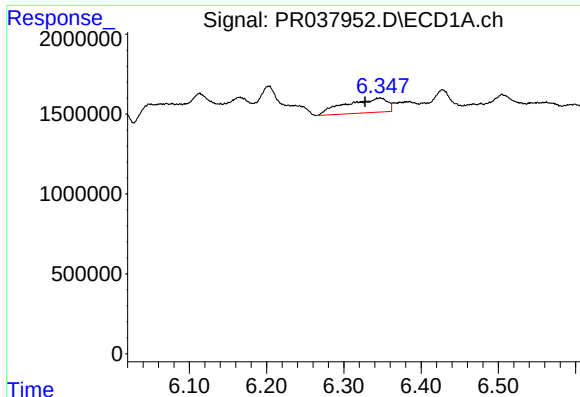
#29 AR-1254-4

R.T.: 6.428 min
Delta R.T.: 0.004 min
Response: 1680671
Conc: 11.10 ng/ml



#29 AR-1254-4

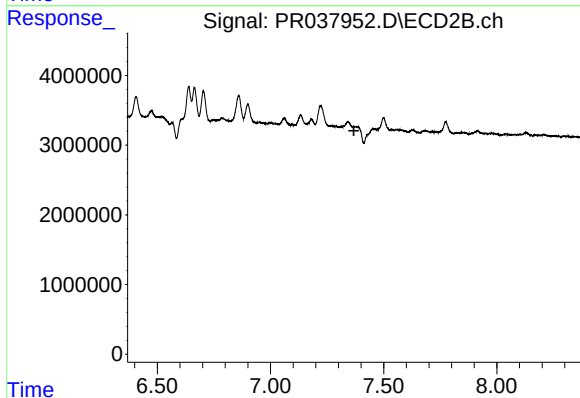
R.T.: 7.499 min
Delta R.T.: 0.009 min
Response: 3920752
Conc: 12.69 ng/ml



#31 AR-1260-1

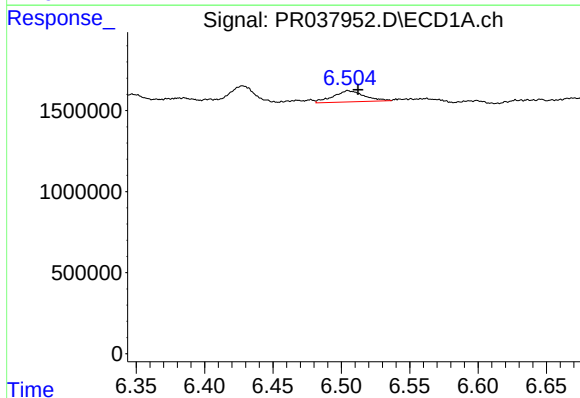
R.T.: 6.347 min
Delta R.T.: 0.020 min
Response: 3387900
Conc: 28.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



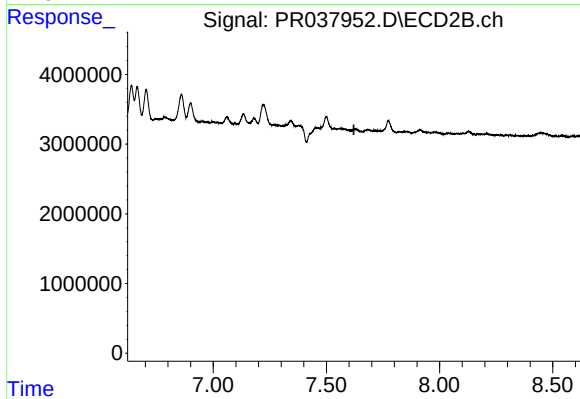
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.369 min
Response: 0
Conc: N.D.



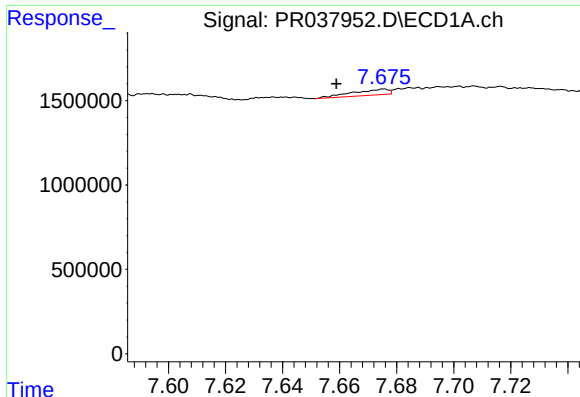
#32 AR-1260-2

R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 1082724
Conc: 6.91 ng/ml



#32 AR-1260-2

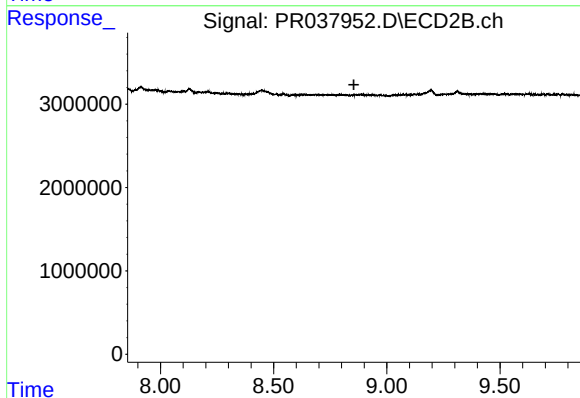
R.T.: 0.000 min
Exp R.T. : 7.622 min
Response: 0
Conc: N.D.



#38 AR-1262-3

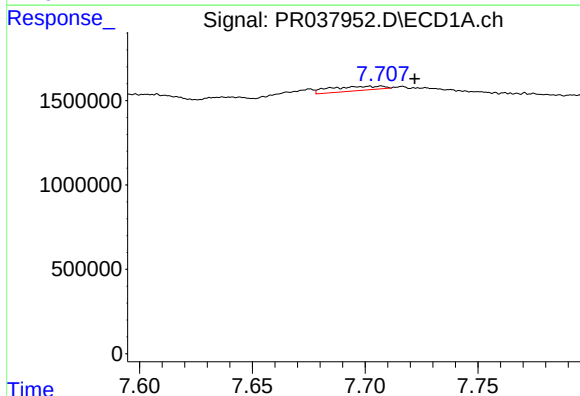
R.T.: 7.676 min
Delta R.T.: 0.017 min
Response: 301651
Conc: 2.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



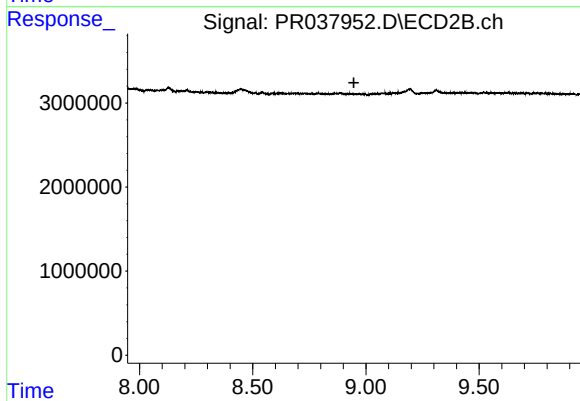
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.854 min
Response: 0
Conc: N.D.



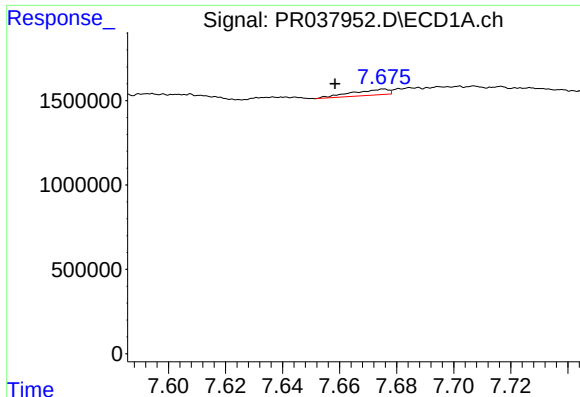
#39 AR-1262-4

R.T.: 7.707 min
Delta R.T.: -0.015 min
Response: 427479
Conc: 1.84 ng/ml



#39 AR-1262-4

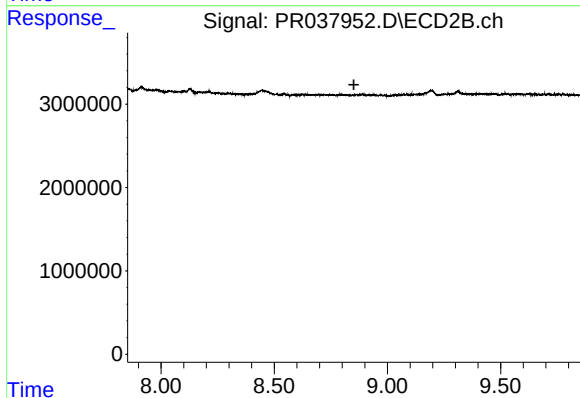
R.T.: 0.000 min
Exp R.T. : 8.947 min
Response: 0
Conc: N.D.



#41 AR-1268-1

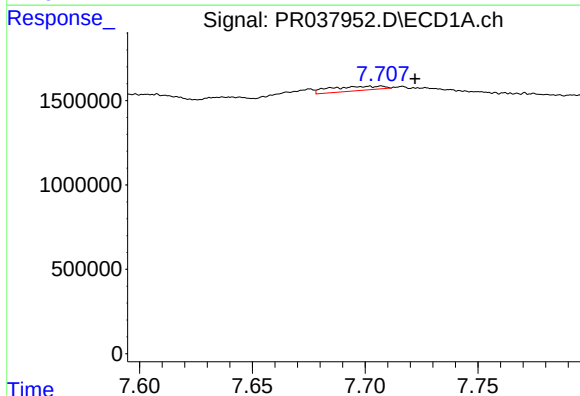
R.T.: 7.676 min
Delta R.T.: 0.017 min
Response: 301651
Conc: 0.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019



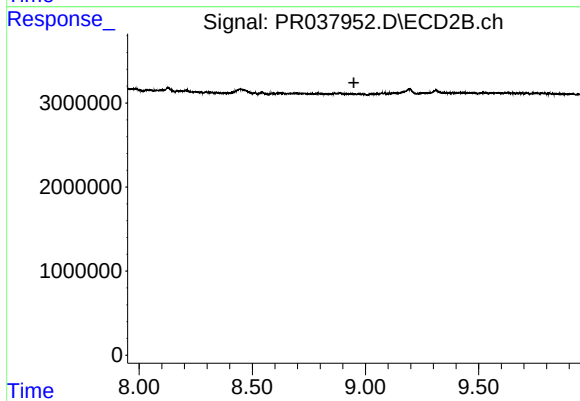
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#42 AR-1268-2

R.T.: 7.707 min
Delta R.T.: -0.015 min
Response: 427479
Conc: 1.09 ng/ml



#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.949 min
Response: 0
Conc: N.D.