Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
Data File : PL089477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2024 22:23
Operator : AR\AJ
Sample : P2440-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 07:02:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.552	2.798	31296015	20170923	15.542	15.721	
28)	SA	Decachlor...	9.065	7.947	20671340	12729363	14.776	9.463	#
		Target Compounds							
2)	A	alpha-BHC	4.021f	3.312	4214645	43486	1.478	0.023	#
3)	MA	gamma-BHC...	4.313f	3.640	17966463	6562134	6.454	3.556	#
4)	MA	Heptachlor	4.951f	3.958f	3868704	8592532	1.560	4.904	#
5)	MB	Aldrin	5.278	4.235f	19496627	438429	7.591	0.248	#
6)	B	beta-BHC	4.546	3.925	5855586	291983	4.642	0.358	#
7)	B	delta-BHC	4.777	4.156	2972285	9167383	1.121	5.095	#
8)	B	Heptachlo...	5.695	4.749	6536644	1182771	2.787	0.732	#
9)	A	Endosulfan I	6.064f	5.157f	44409522	90358340	20.658	60.332	#
10)	B	gamma-Chl...	5.953	5.006	44812982	16605186	19.604	10.119	#
11)	B	alpha-Chl...	6.036	5.093f	15332414	5082014	6.740	3.082	#
13)	MA	Dieldrin	6.375f	5.402	17550488	16180415	7.840	10.058	#
14)	MA	Endrin	6.612f	5.666	51510054	2513666	27.192	1.748	#
15)	B	Endosulfa...	6.779f	5.950	20493549	51033169	10.268	35.481	#
16)	A	4,4'-DDD	6.703	5.816	29740252	20326963	17.629	16.483	
17)	MA	4,4'-DDT	7.013f	6.057	5153117	12749374	2.802	9.423	#
18)	B	Endrin al...	6.942	6.162f	3460794	1495974	2.288	1.345	#
20)	A	Methoxychlor	7.499	6.638	1374207	6090765	1.397	7.617	#
21)	B	Endrin ke...	7.621f	6.867	17376782	418917	8.681	0.262	#
22)		Mirex	8.119	7.047	10370739	-3322754	6.673	N.D.	#
23)		Chlordane-1	4.727	3.804	2198042	2472863	24.075	50.260	#
24)		Chlordane-2	5.230	4.394	15194156	1865158	144.577	29.319	#
25)		Chlordane-3	5.953	5.006	44812982	16605186	135.691	96.981	#
26)		Chlordane-4	6.036	5.093f	15332414	5082014	37.614	31.596	
27)		Chlordane-5	6.866	5.727	1109780	16343743	13.335	319.351	#

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

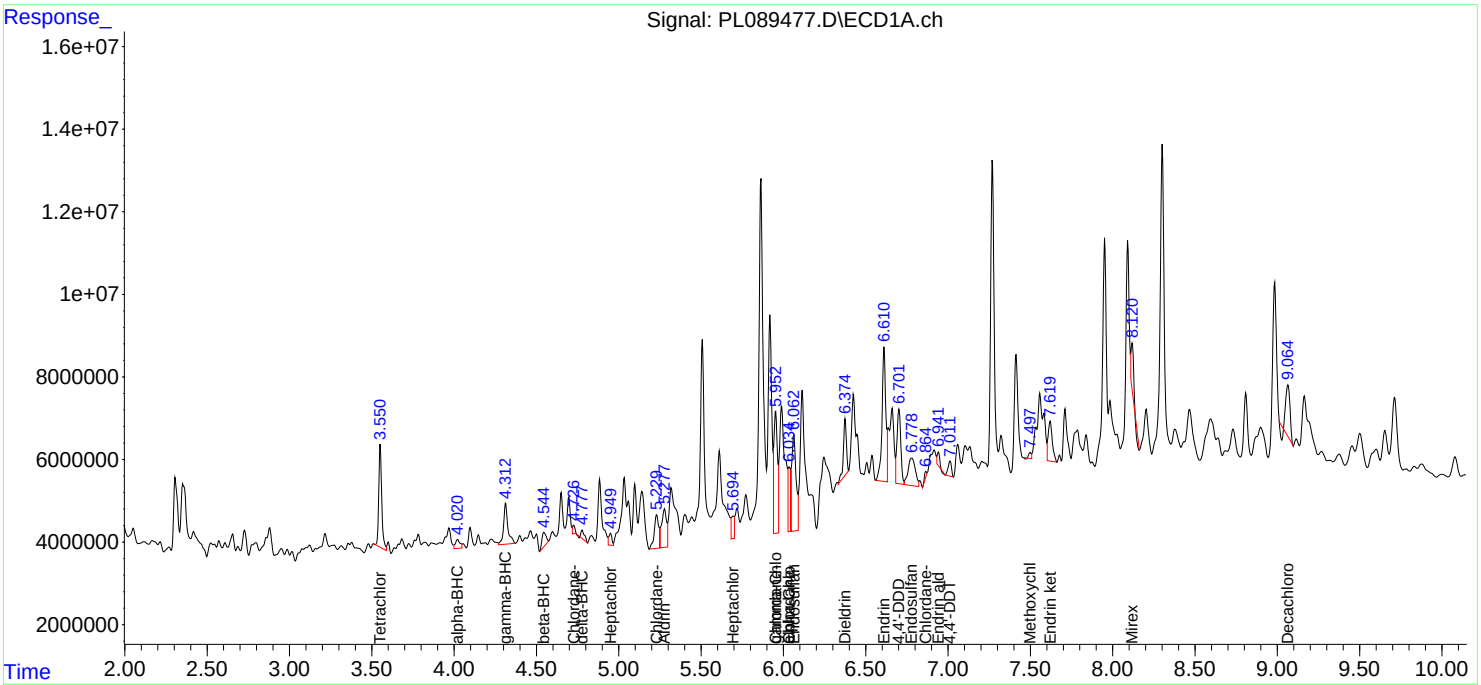
Quantitation Report (Not Reviewed)

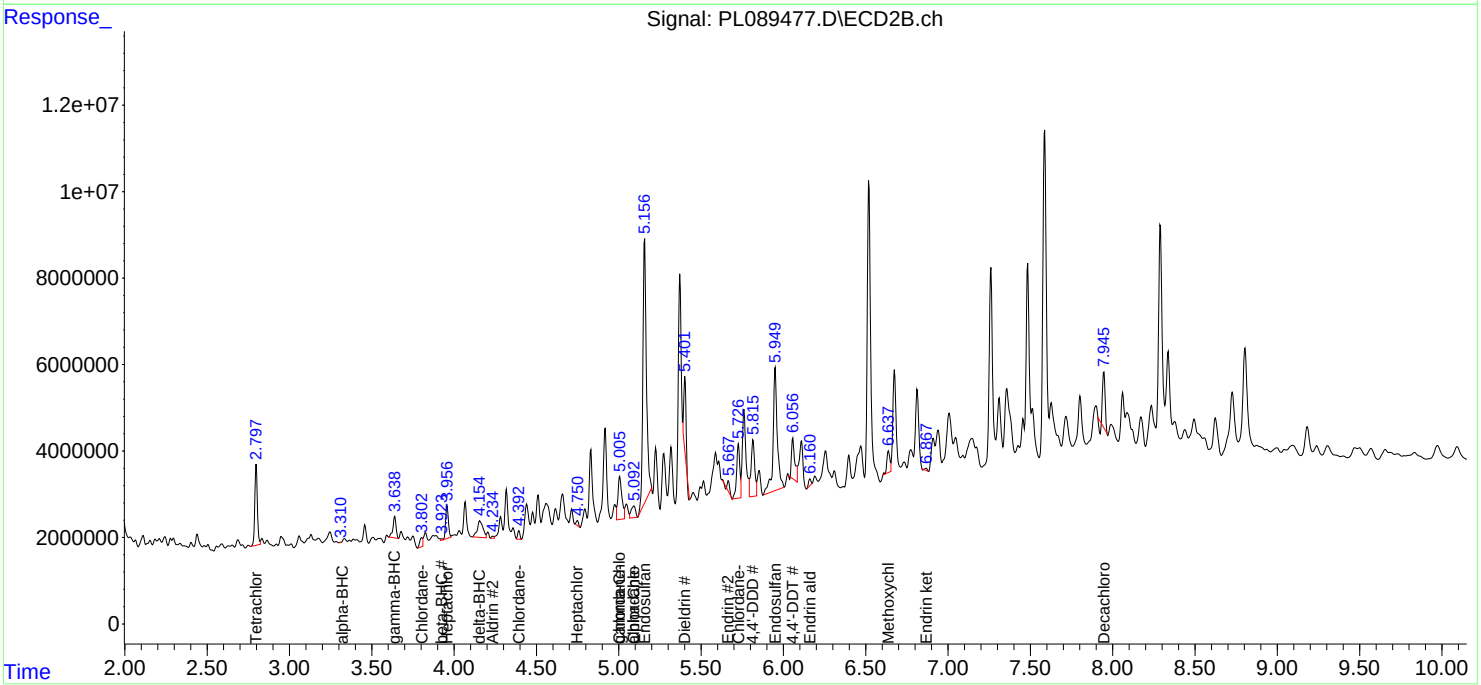
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
Data File : PL089477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2024 22:23
Operator : AR\AJ
Sample : P2440-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

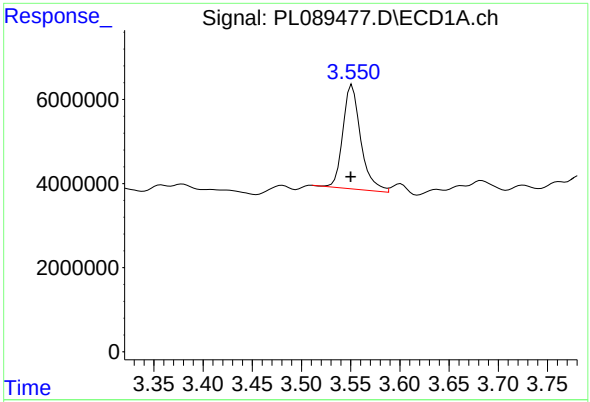
Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 07:02:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



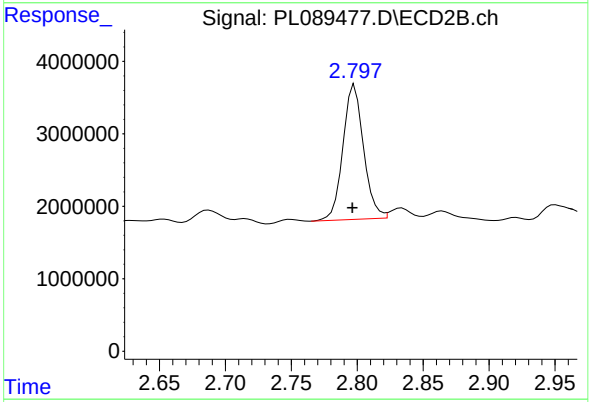




#1 Tetrachloro-m-xylene

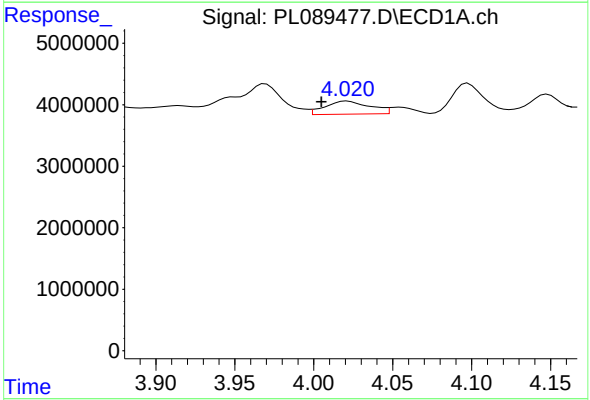
R.T.: 3.552 min
Delta R.T.: 0.002 min
Response: 31296015
Conc: 15.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



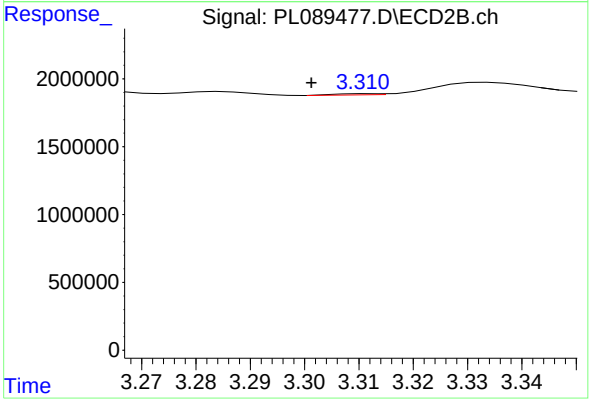
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.002 min
Response: 20170923
Conc: 15.72 ng/ml



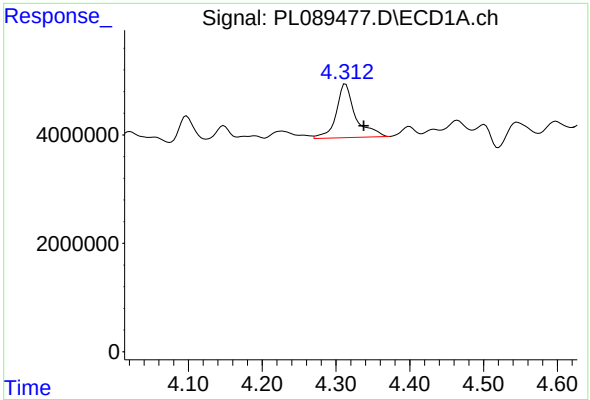
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.016 min
Response: 4214645
Conc: 1.48 ng/ml



#2 alpha-BHC

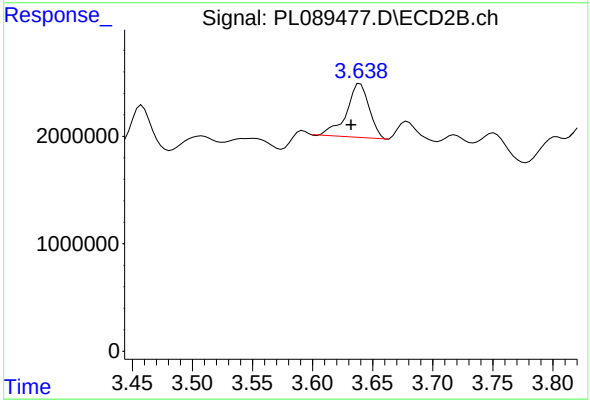
R.T.: 3.312 min
Delta R.T.: 0.010 min
Response: 43486
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

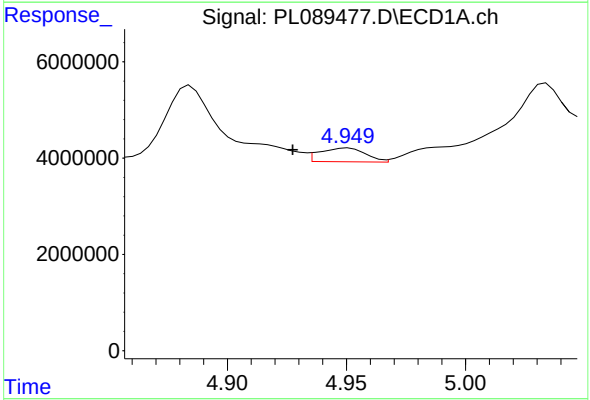
R.T.: 4.313 min
Delta R.T.: -0.024 min
Response: 17966463
Conc: 6.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



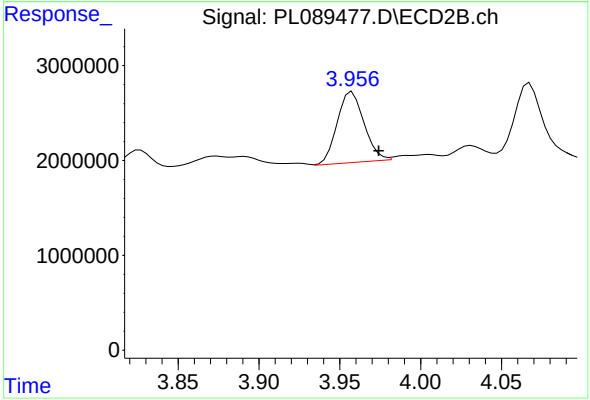
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.008 min
Response: 6562134
Conc: 3.56 ng/ml



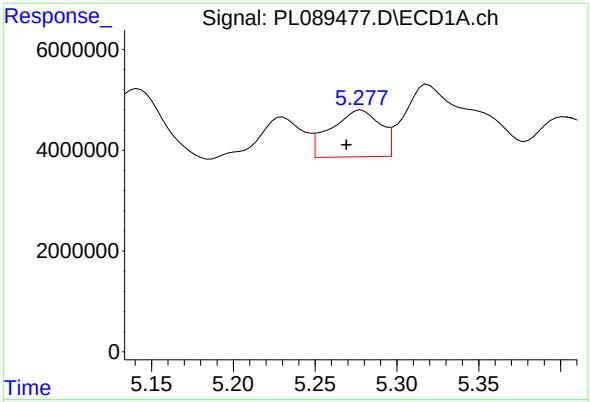
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.023 min
Response: 3868704
Conc: 1.56 ng/ml



#4 Heptachlor

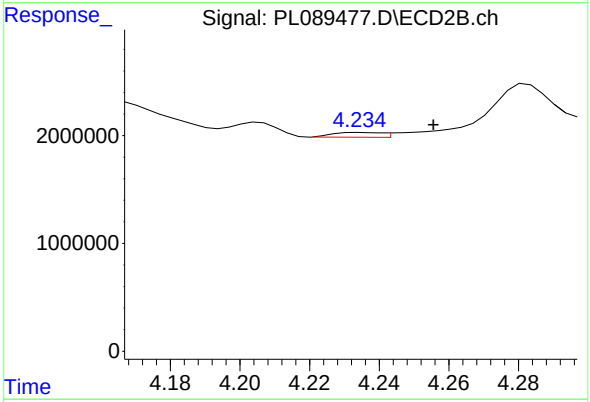
R.T.: 3.958 min
Delta R.T.: -0.016 min
Response: 8592532
Conc: 4.90 ng/ml



#5 Aldrin

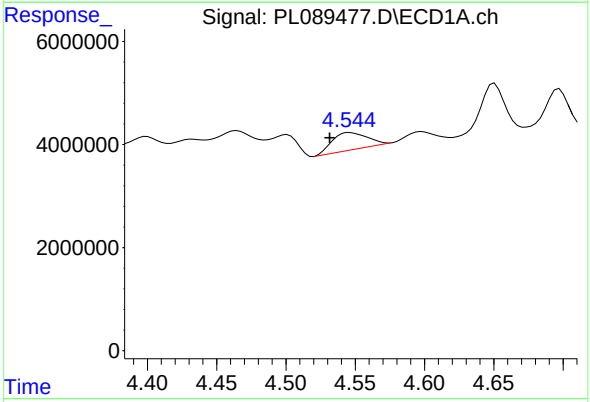
R.T.: 5.278 min
Delta R.T.: 0.009 min
Response: 19496627
Conc: 7.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



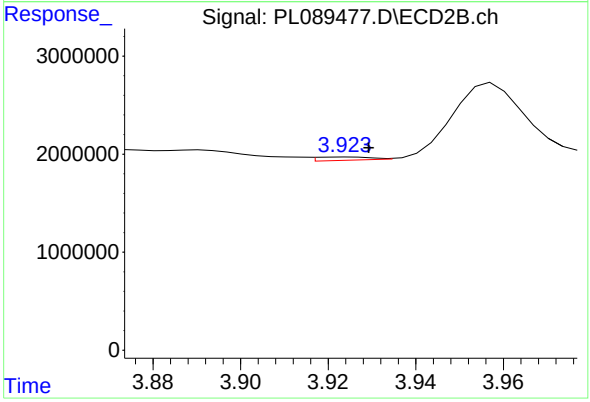
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: -0.021 min
Response: 438429
Conc: 0.25 ng/ml



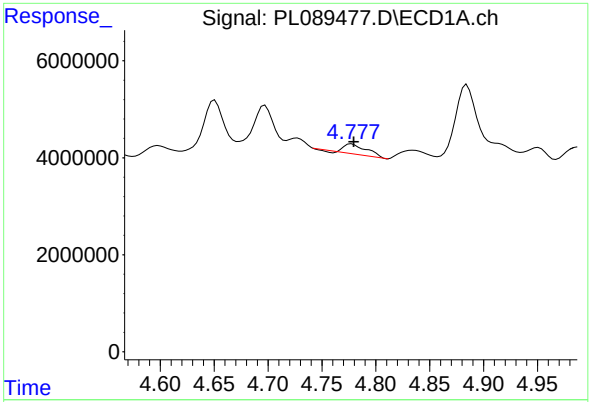
#6 beta-BHC

R.T.: 4.546 min
Delta R.T.: 0.015 min
Response: 5855586
Conc: 4.64 ng/ml



#6 beta-BHC

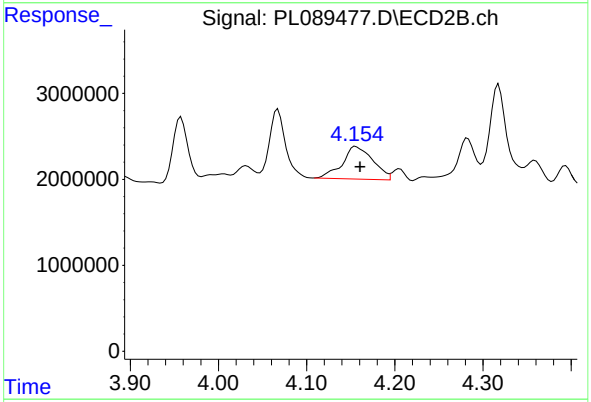
R.T.: 3.925 min
Delta R.T.: -0.005 min
Response: 291983
Conc: 0.36 ng/ml



#7 delta-BHC

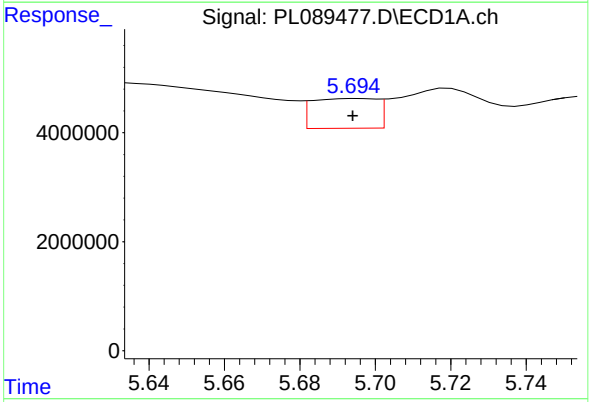
R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 2972285
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



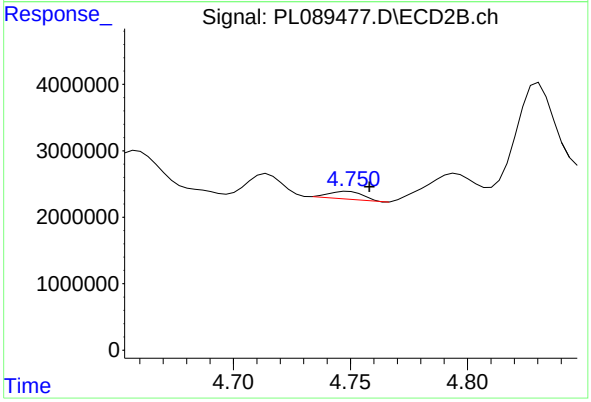
#7 delta-BHC

R.T.: 4.156 min
Delta R.T.: -0.005 min
Response: 9167383
Conc: 5.10 ng/ml



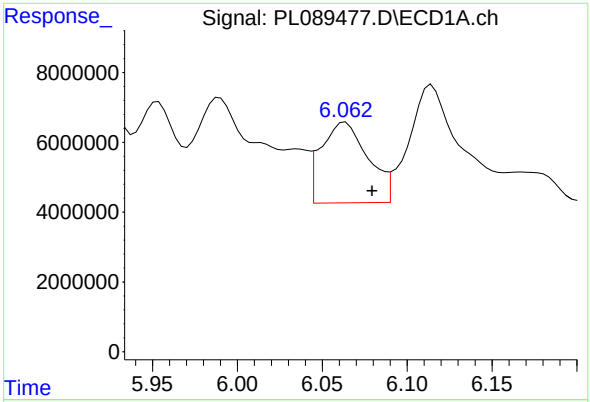
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 6536644
Conc: 2.79 ng/ml



#8 Heptachlor epoxide

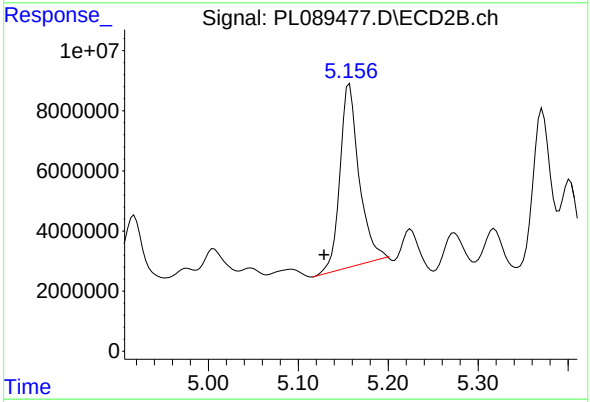
R.T.: 4.749 min
Delta R.T.: -0.009 min
Response: 1182771
Conc: 0.73 ng/ml



#9 Endosulfan I

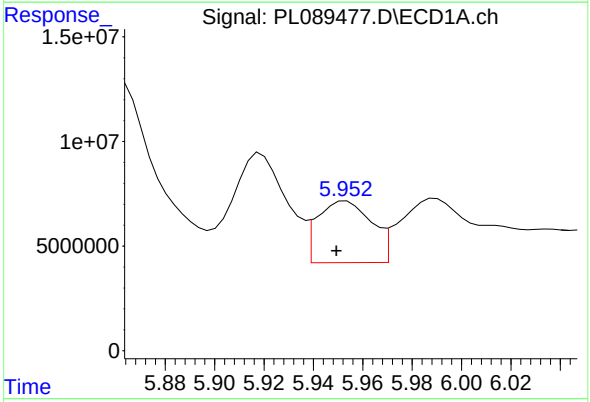
R.T.: 6.064 min
Delta R.T.: -0.016 min
Response: 44409522
Conc: 20.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



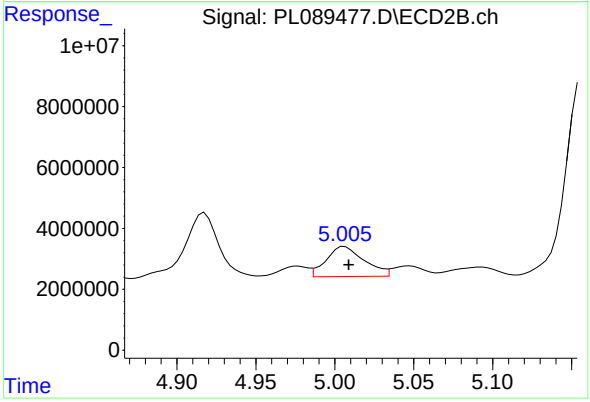
#9 Endosulfan I

R.T.: 5.157 min
Delta R.T.: 0.028 min
Response: 90358340
Conc: 60.33 ng/ml



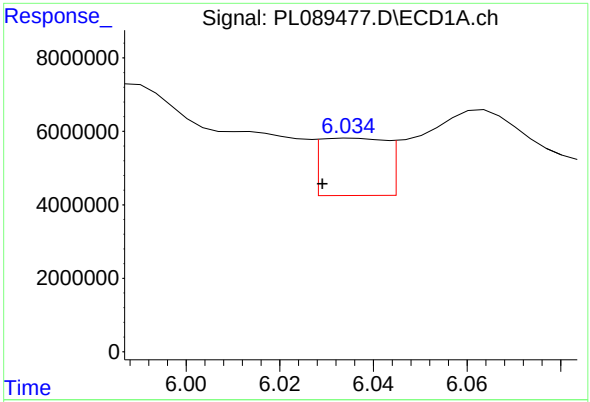
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.004 min
Response: 44812982
Conc: 19.60 ng/ml



#10 gamma-Chlordane

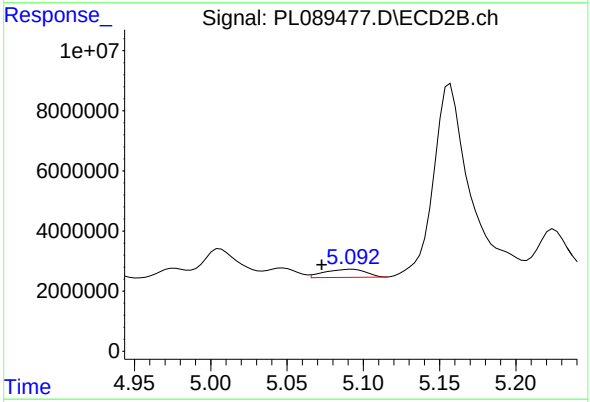
R.T.: 5.006 min
Delta R.T.: -0.002 min
Response: 16605186
Conc: 10.12 ng/ml



#11 alpha-Chlordane

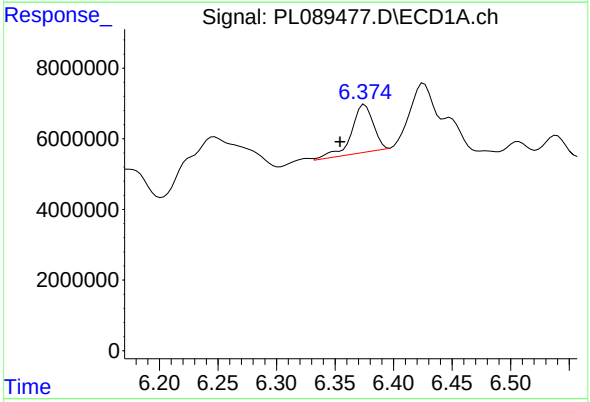
R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 15332414
Conc: 6.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



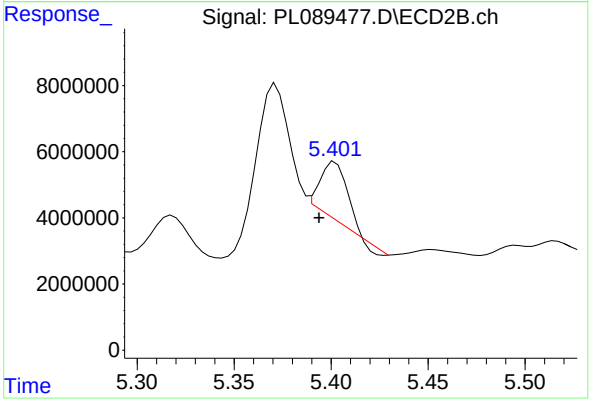
#11 alpha-Chlordane

R.T.: 5.093 min
Delta R.T.: 0.020 min
Response: 5082014
Conc: 3.08 ng/ml



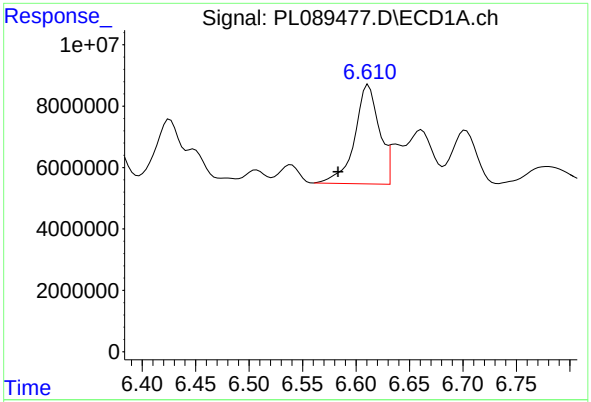
#13 Dieldrin

R.T.: 6.375 min
Delta R.T.: 0.021 min
Response: 17550488
Conc: 7.84 ng/ml



#13 Dieldrin

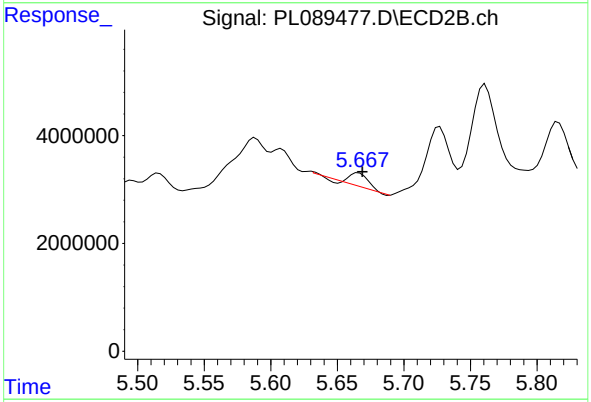
R.T.: 5.402 min
Delta R.T.: 0.008 min
Response: 16180415
Conc: 10.06 ng/ml



#14 Endrin

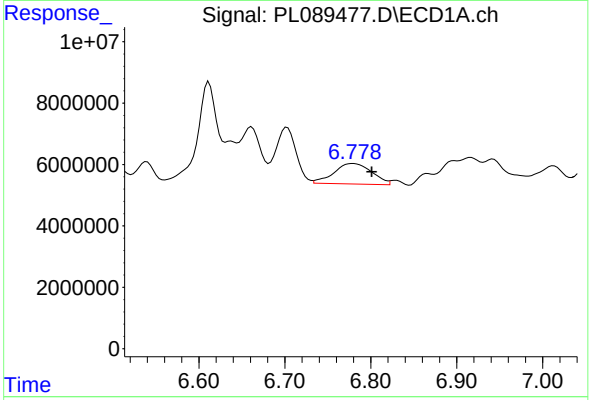
R.T.: 6.612 min
Delta R.T.: 0.029 min
Response: 51510054
Conc: 27.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



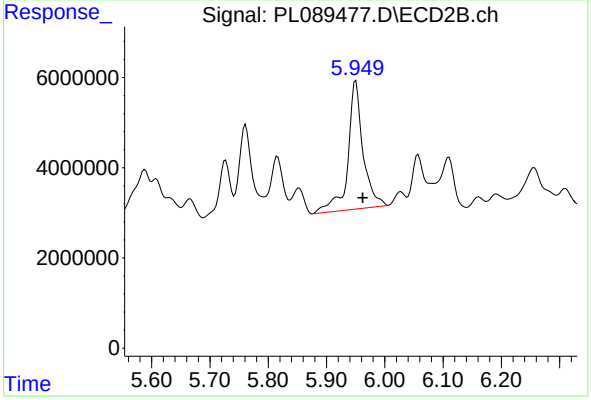
#14 Endrin

R.T.: 5.666 min
Delta R.T.: -0.003 min
Response: 2513666
Conc: 1.75 ng/ml



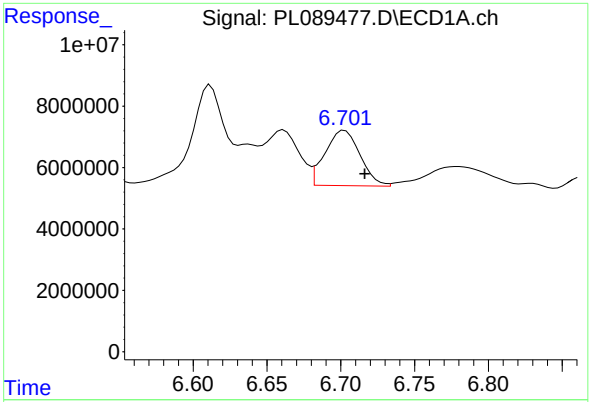
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.022 min
Response: 20493549
Conc: 10.27 ng/ml



#15 Endosulfan II

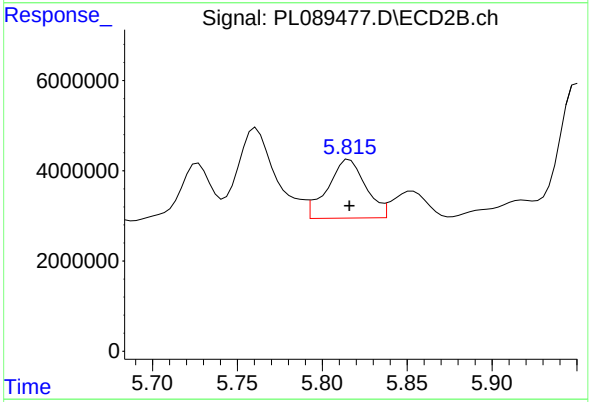
R.T.: 5.950 min
Delta R.T.: -0.012 min
Response: 51033169
Conc: 35.48 ng/ml



#16 4,4'-DDD

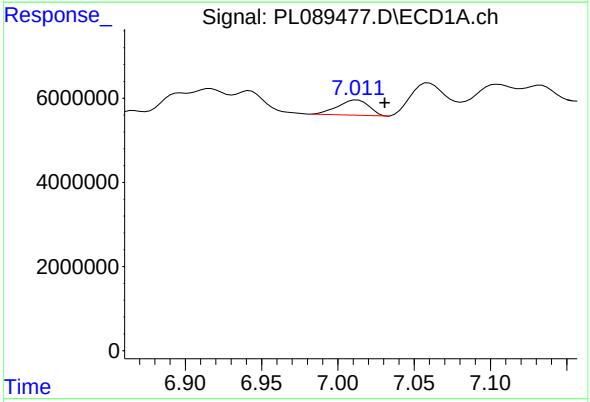
R.T.: 6.703 min
Delta R.T.: -0.014 min
Response: 29740252
Conc: 17.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



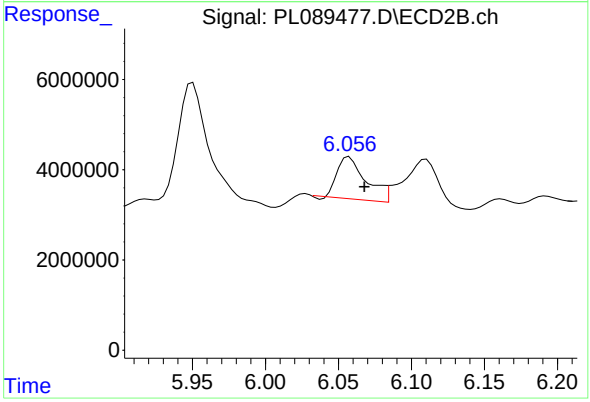
#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 20326963
Conc: 16.48 ng/ml



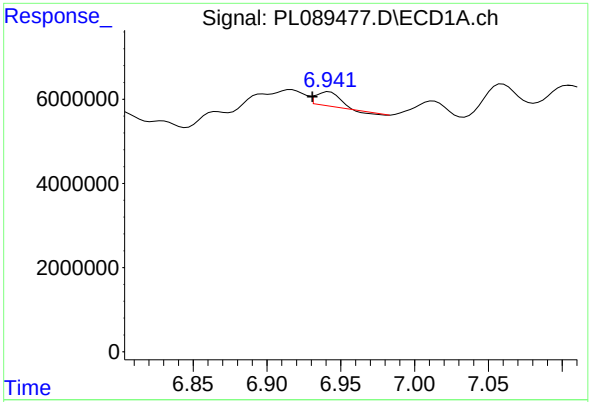
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.018 min
Response: 5153117
Conc: 2.80 ng/ml



#17 4,4'-DDT

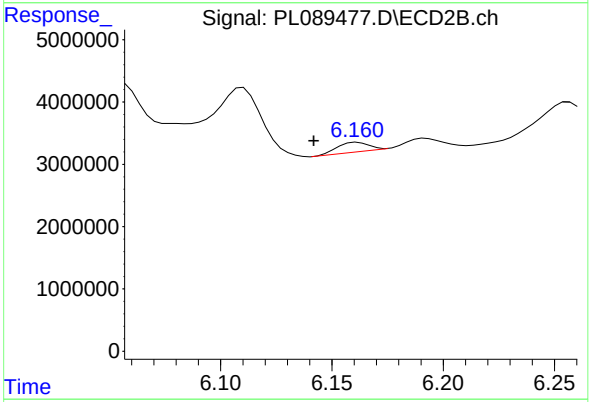
R.T.: 6.057 min
Delta R.T.: -0.010 min
Response: 12749374
Conc: 9.42 ng/ml



#18 Endrin aldehyde

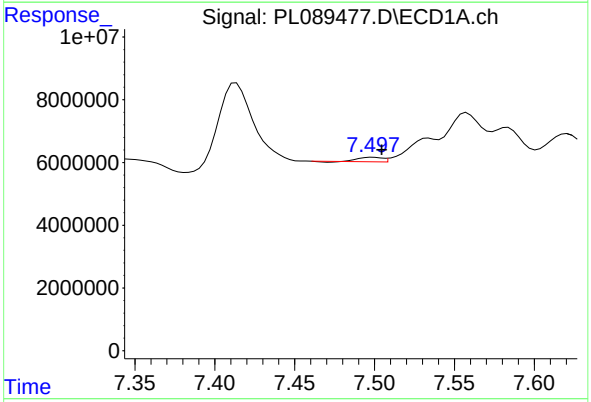
R.T.: 6.942 min
Delta R.T.: 0.011 min
Response: 3460794
Conc: 2.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



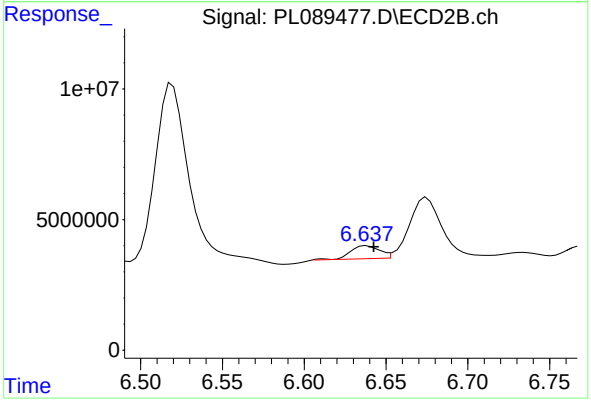
#18 Endrin aldehyde

R.T.: 6.162 min
Delta R.T.: 0.020 min
Response: 1495974
Conc: 1.34 ng/ml



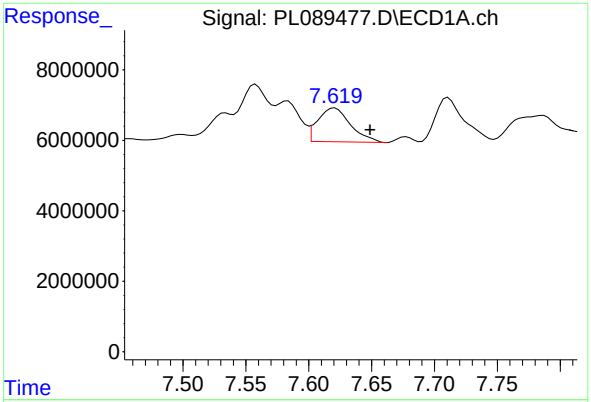
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.005 min
Response: 1374207
Conc: 1.40 ng/ml



#20 Methoxychlor

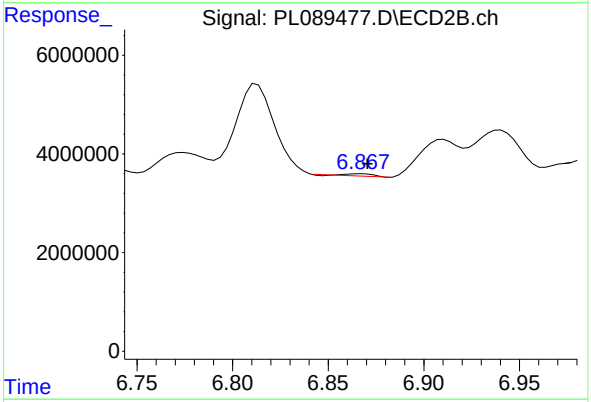
R.T.: 6.638 min
Delta R.T.: -0.004 min
Response: 6090765
Conc: 7.62 ng/ml



#21 Endrin ketone

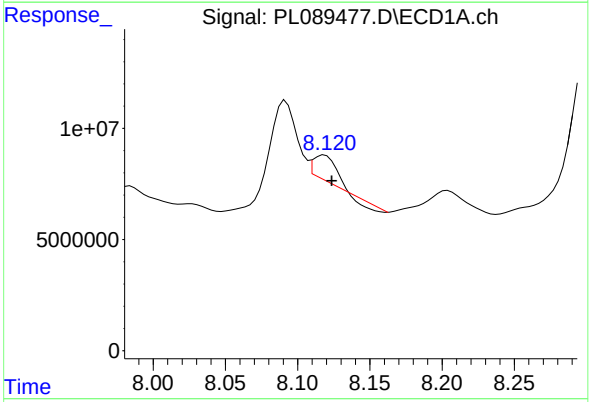
R.T.: 7.621 min
Delta R.T.: -0.028 min
Response: 17376782
Conc: 8.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



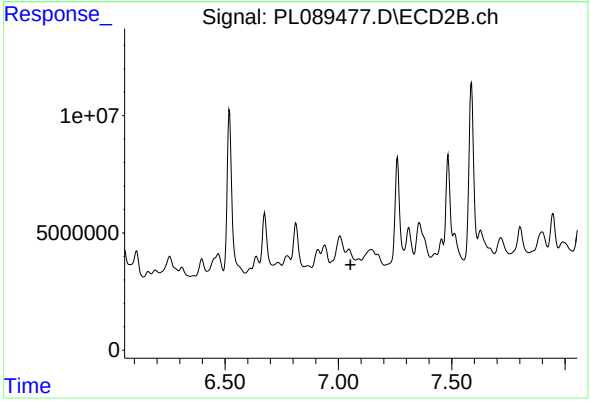
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: -0.003 min
Response: 418917
Conc: 0.26 ng/ml



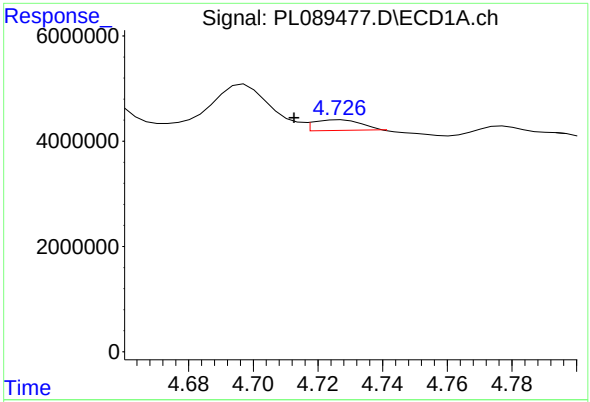
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.005 min
Response: 10370739
Conc: 6.67 ng/ml



#22 Mirex

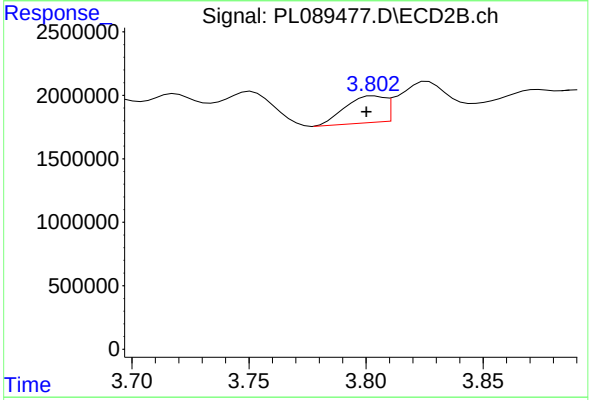
R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: -3322754
Conc: N.D.



#23 Chlordane-1

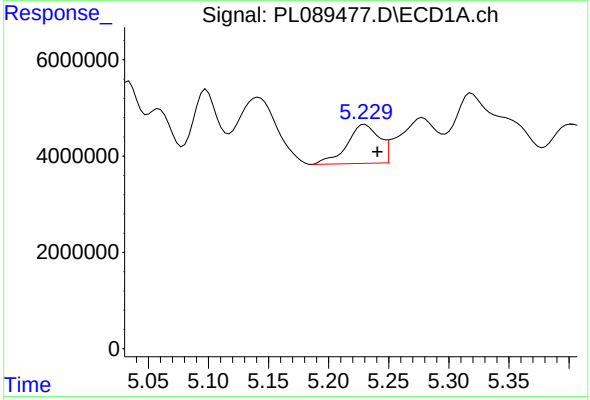
R.T.: 4.727 min
Delta R.T.: 0.014 min
Response: 2198042
Conc: 24.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



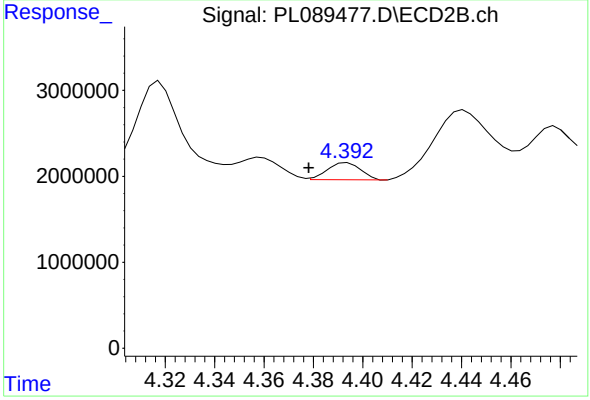
#23 Chlordane-1

R.T.: 3.804 min
Delta R.T.: 0.003 min
Response: 2472863
Conc: 50.26 ng/ml



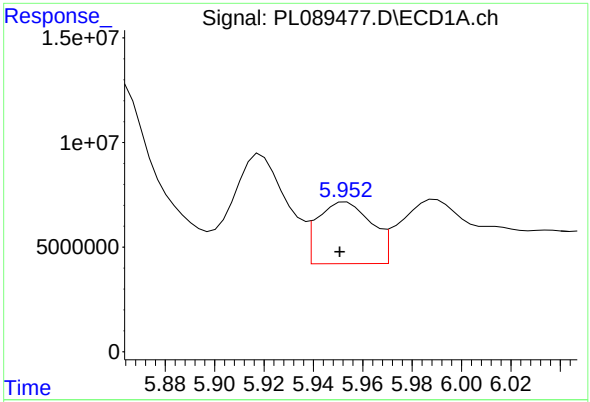
#24 Chlordane-2

R.T.: 5.230 min
Delta R.T.: -0.010 min
Response: 15194156
Conc: 144.58 ng/ml



#24 Chlordane-2

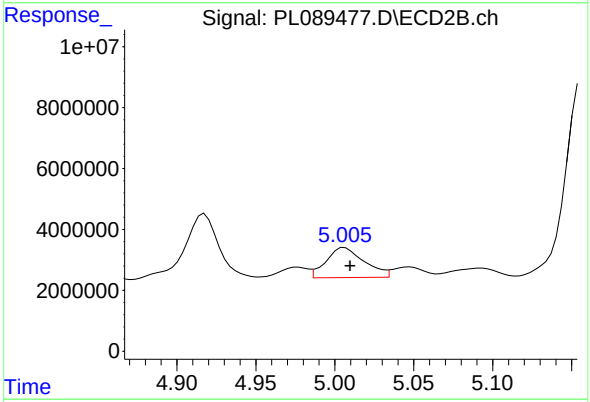
R.T.: 4.394 min
Delta R.T.: 0.016 min
Response: 1865158
Conc: 29.32 ng/ml



#25 Chlordane-3

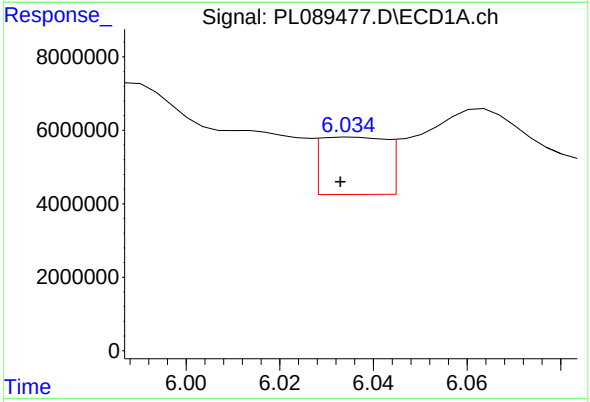
R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 44812982
Conc: 135.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



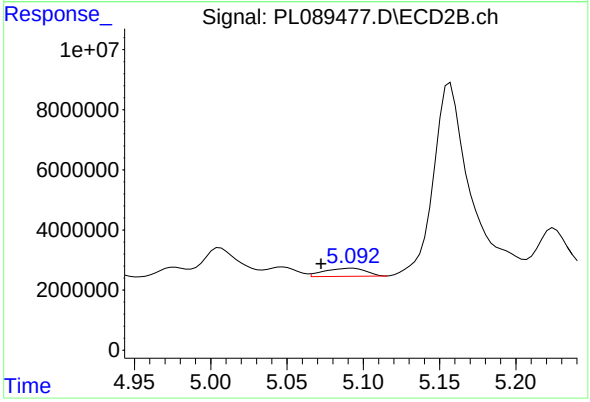
#25 Chlordane-3

R.T.: 5.006 min
Delta R.T.: -0.003 min
Response: 16605186
Conc: 96.98 ng/ml



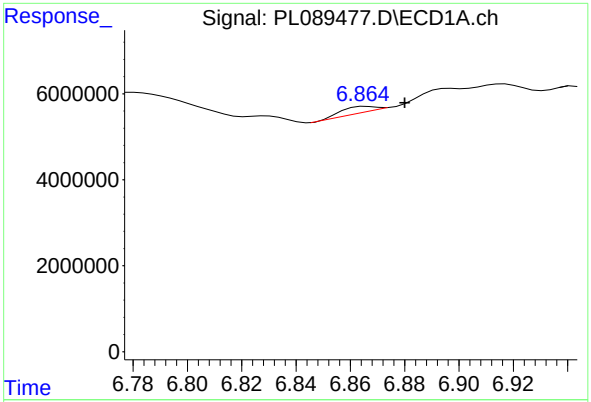
#26 Chlordane-4

R.T.: 6.036 min
Delta R.T.: 0.003 min
Response: 15332414
Conc: 37.61 ng/ml



#26 Chlordane-4

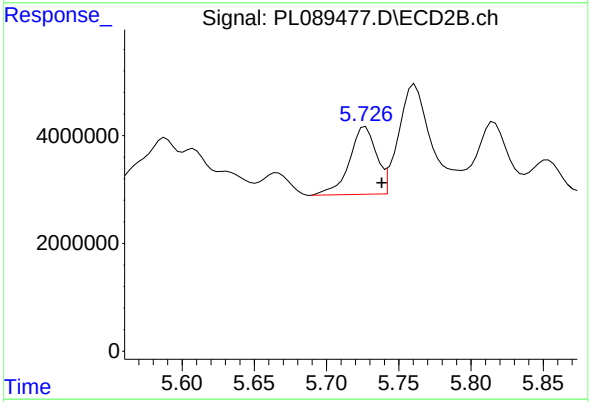
R.T.: 5.093 min
Delta R.T.: 0.021 min
Response: 5082014
Conc: 31.60 ng/ml



#27 Chlordane-5

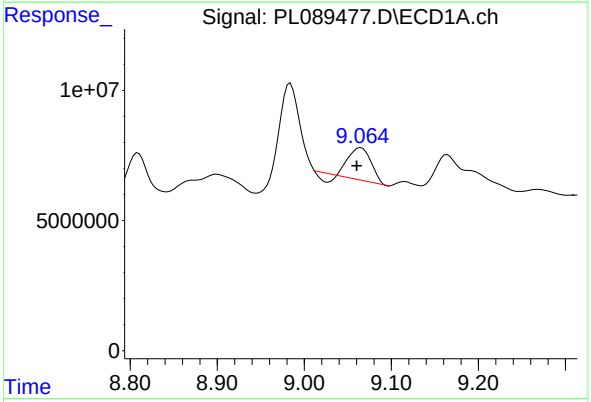
R.T.: 6.866 min
Delta R.T.: -0.014 min
Response: 1109780
Conc: 13.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT



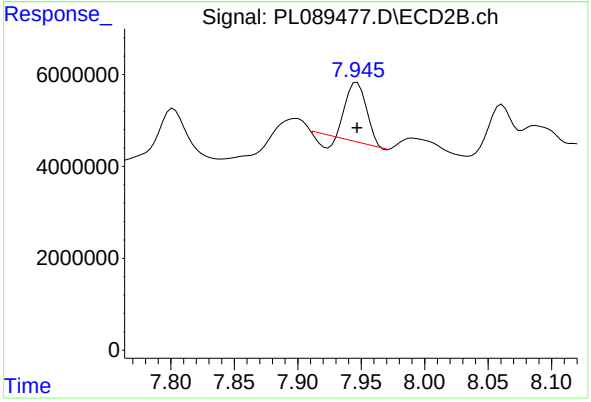
#27 Chlordane-5

R.T.: 5.727 min
Delta R.T.: -0.011 min
Response: 16343743
Conc: 319.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 20671340
Conc: 14.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 12729363
Conc: 9.46 ng/ml