Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
Data File : PL089442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2024 09:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 23:12:43 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...	3.551	2.797	48039891	30088889	23.857	23.451	
28)	SA Decachlor...	9.068	7.950	31484257	30114381	22.505	22.387	
	Target Compounds							
2)	A alpha-BHC	4.006	3.302	35070792	20369874	12.298	10.795	
3)	MA gamma-BHC...	4.339	3.632	33137817	19382916	11.903	10.504	
4)	MA Heptachlor	4.930	4.002f	57631	28685	0.023	0.016	#
5)	MB Aldrin	5.260	4.266	88655	111514	0.035	0.063	#
6)	B beta-BHC	4.534	3.930	15469792	10261870	12.262	12.569	
7)	B delta-BHC	4.772	4.161	444746	75185	0.168	0.042	#
8)	B Heptachlo...	5.684	4.763	996423	31144	0.425	0.019	#
9)	A Endosulfan I	6.053f	5.131	570501	36003	0.265	0.024	#
10)	B gamma-Chl...	5.924f	5.016	3136453	1467407	1.372	0.894	#
11)	B alpha-Chl...	6.024	5.062	212207	57072	0.093	0.035	#
12)	B 4,4'-DDE	6.204	5.262	1238085	563143	0.612	0.387	#
14)	MA Endrin	6.587	5.670	86871014	74453607	45.858	51.788	
15)	B Endosulfa...	6.781f	5.978f	286439	1491961	0.144	1.037	#
16)	A 4,4'-DDD	6.720	5.817	10201921	6310920	6.047	5.117	
17)	MA 4,4'-DDT	7.035	6.068	153.7E6	143.6E6	83.595	106.154	#
18)	B Endrin al...	6.935	6.143	4963637	3374569	3.282	3.034	
19)	B Endosulfa...	7.162	6.354	225346	191357	0.125	0.138	
20)	A Methoxychlor	7.510	6.644	192.3E6	182.5E6	195.584	228.216	
21)	B Endrin ke...	7.654	6.872	9053890	7012376	4.523	4.385	
22)	Mirex	8.142f	0.000	66787	0	0.043	N.D.	#
23)	Chlordane-1	0.000	3.798	0	16939	N.D.	0.344	#
24)	Chlordane-2	5.260f	4.388	88655	73407	0.844	1.154	#
25)	Chlordane-3	5.976f	5.016	249011	1467407	0.754	8.570	#
26)	Chlordane-4	6.024	5.062	212207	57072	0.521	0.355	#
27)	Chlordane-5	6.883	5.742	89527	375400	1.076	7.335	#

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

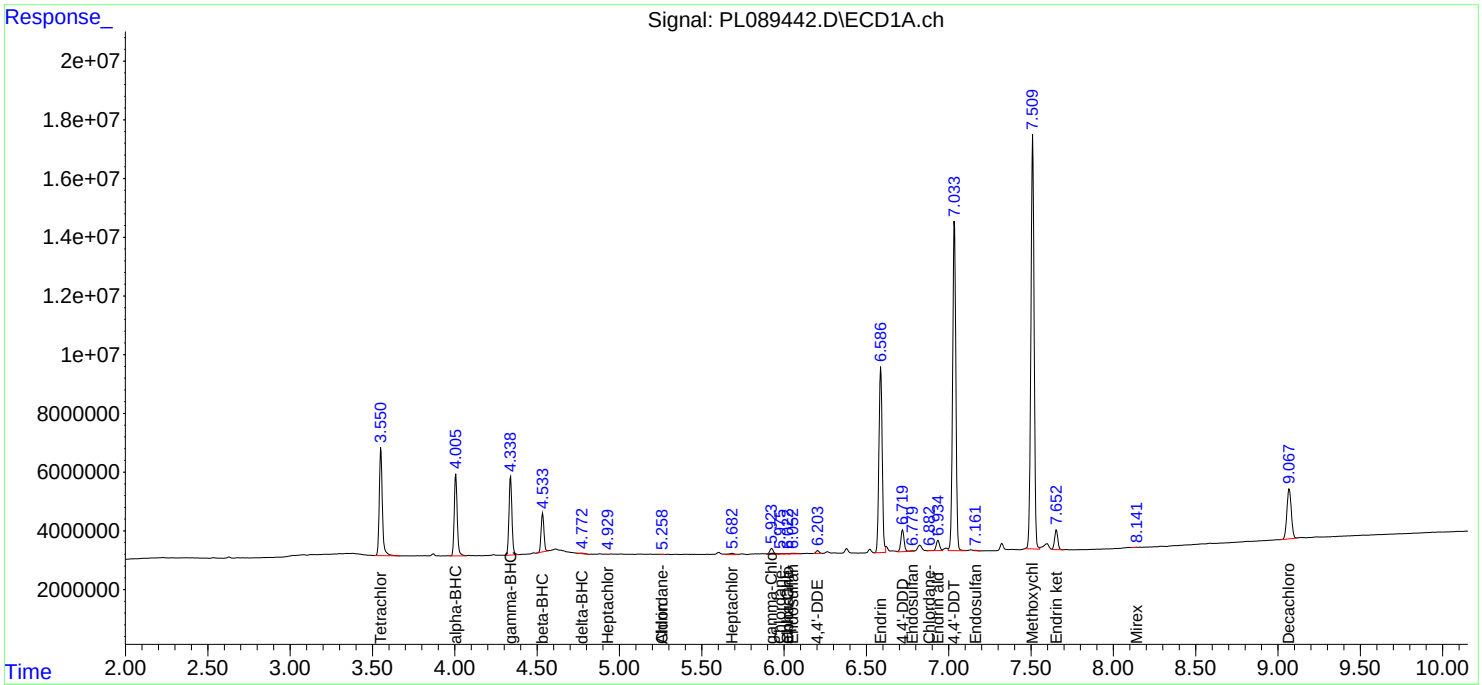
Quantitation Report (Not Reviewed)

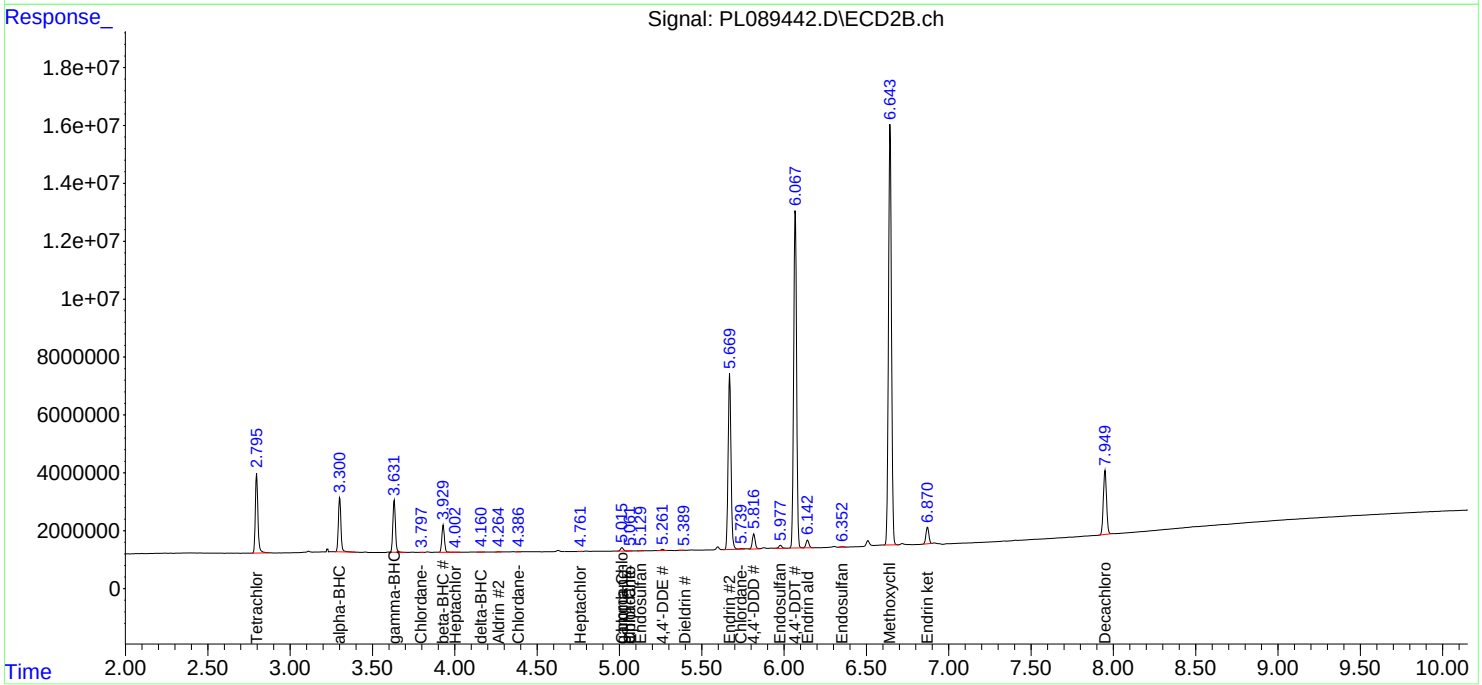
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
Data File : PL089442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2024 09:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

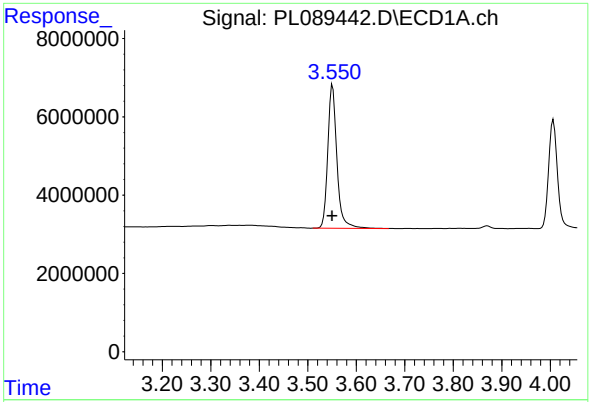
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 23:12:43 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



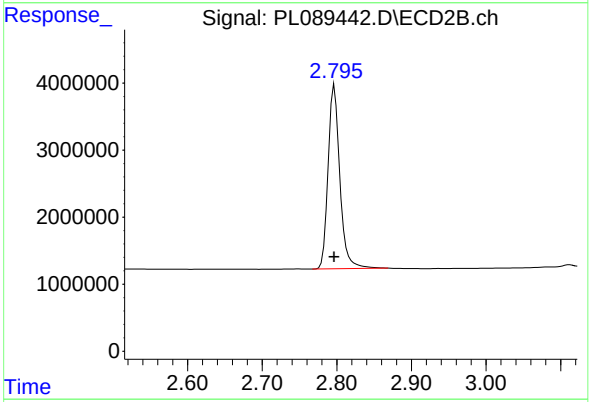




#1 Tetrachloro-m-xylene

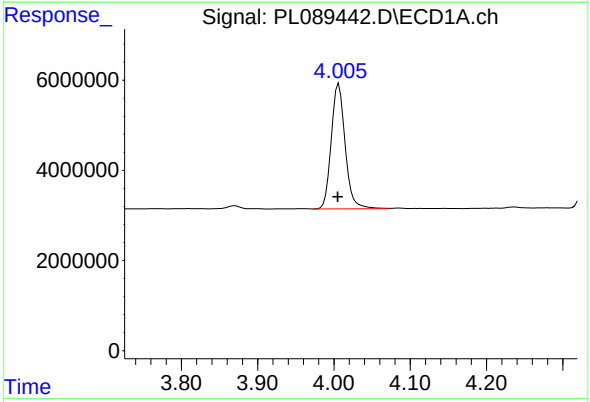
R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 48039891
Conc: 23.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



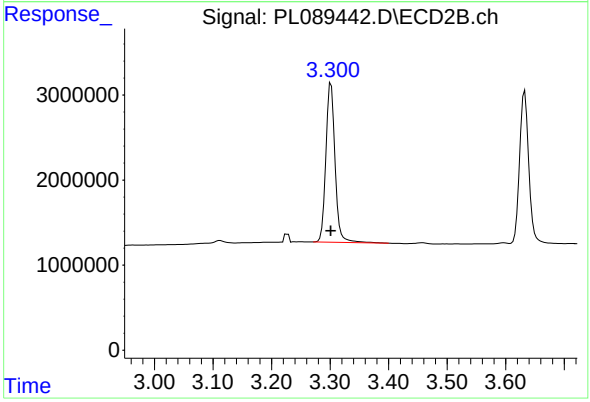
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 30088889
Conc: 23.45 ng/ml



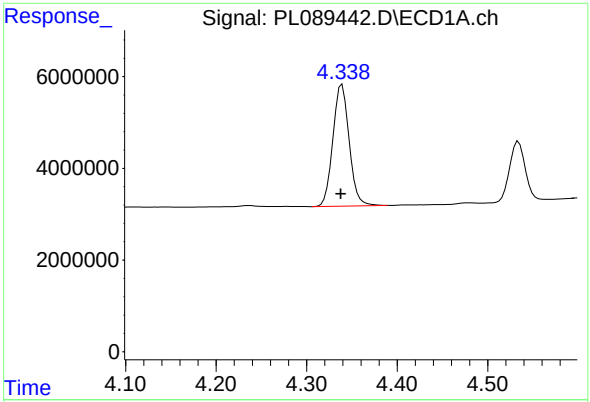
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 35070792
Conc: 12.30 ng/ml



#2 alpha-BHC

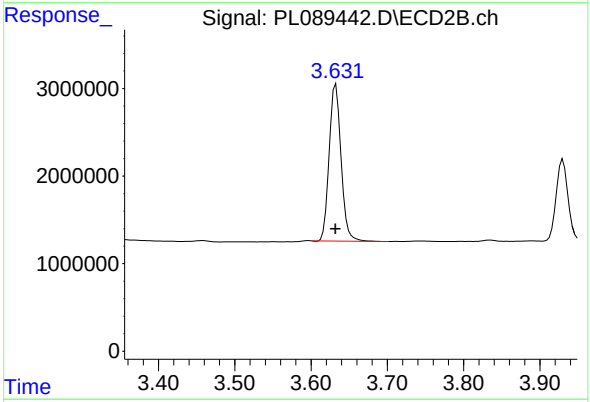
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 20369874
Conc: 10.80 ng/ml



#3 gamma-BHC (Lindane)

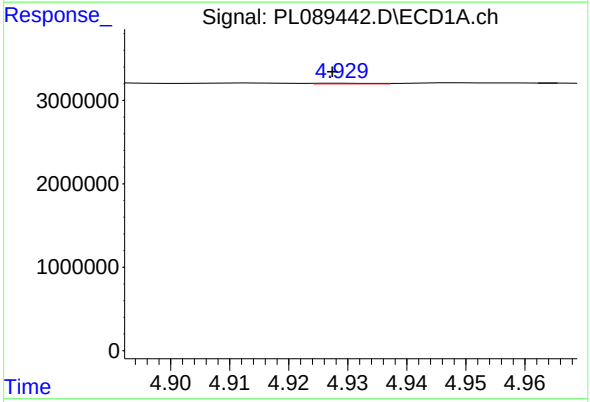
R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 33137817
Conc: 11.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



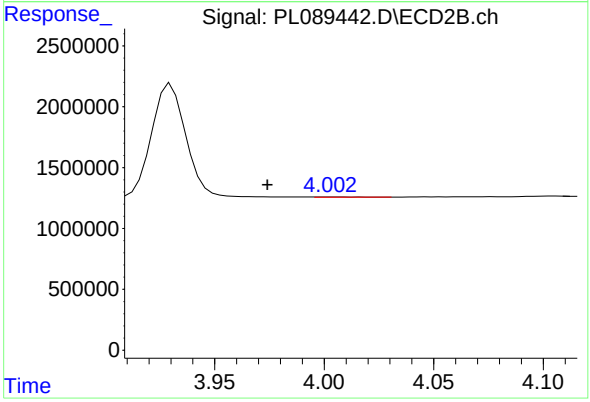
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 19382916
Conc: 10.50 ng/ml



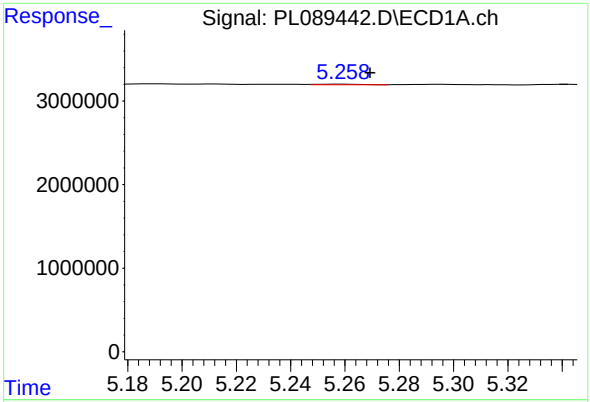
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.002 min
Response: 57631
Conc: 0.02 ng/ml



#4 Heptachlor

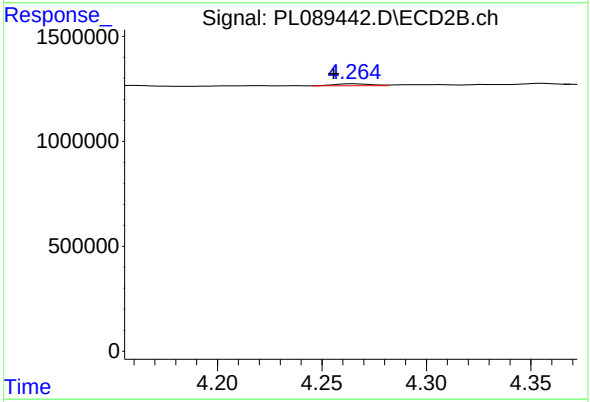
R.T.: 4.002 min
Delta R.T.: 0.028 min
Response: 28685
Conc: 0.02 ng/ml



#5 Aldrin

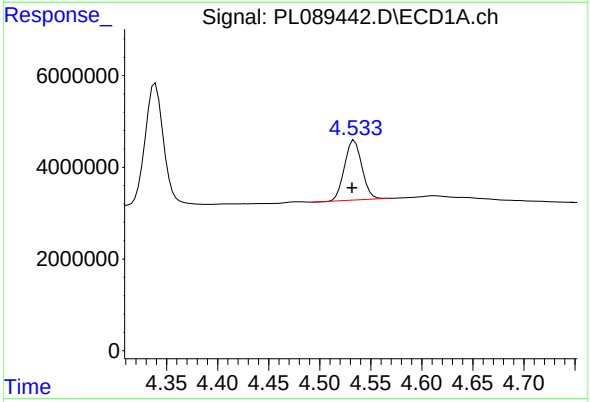
R.T.: 5.260 min
Delta R.T.: -0.009 min
Response: 88655
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



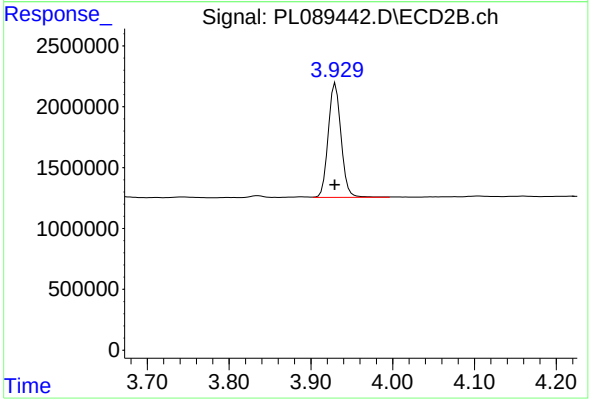
#5 Aldrin

R.T.: 4.266 min
Delta R.T.: 0.010 min
Response: 111514
Conc: 0.06 ng/ml



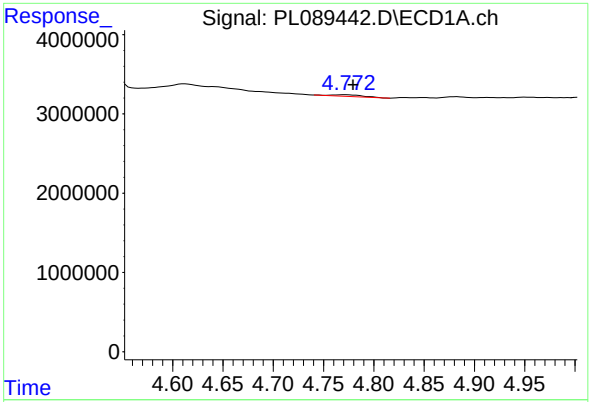
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 15469792
Conc: 12.26 ng/ml



#6 beta-BHC

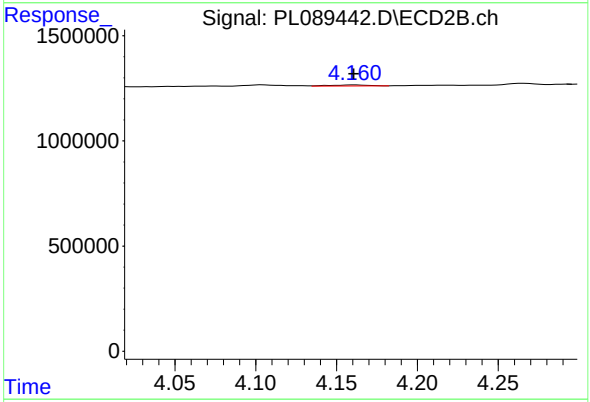
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 10261870
Conc: 12.57 ng/ml



#7 delta-BHC

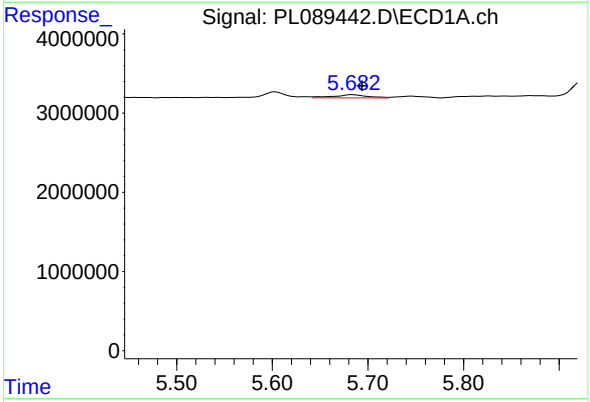
R.T.: 4.772 min
Delta R.T.: -0.007 min
Response: 444746
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



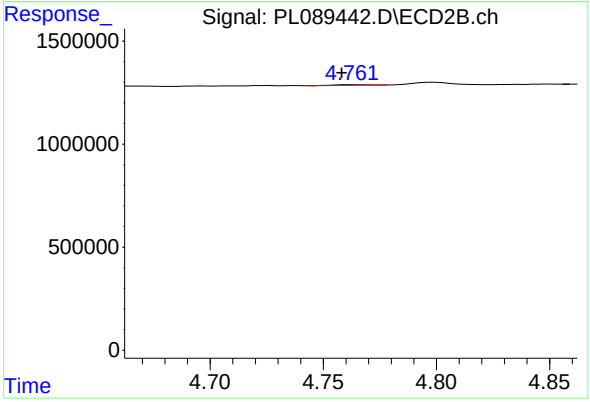
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 75185
Conc: 0.04 ng/ml



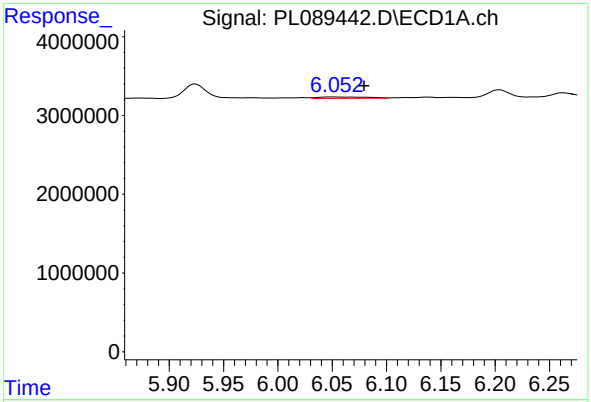
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.010 min
Response: 996423
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

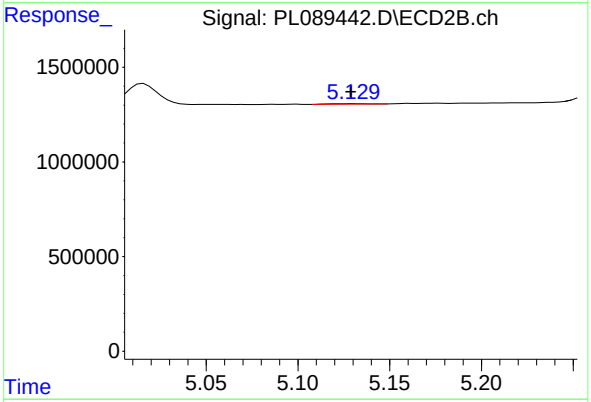
R.T.: 4.763 min
Delta R.T.: 0.005 min
Response: 31144
Conc: 0.02 ng/ml



#9 Endosulfan I

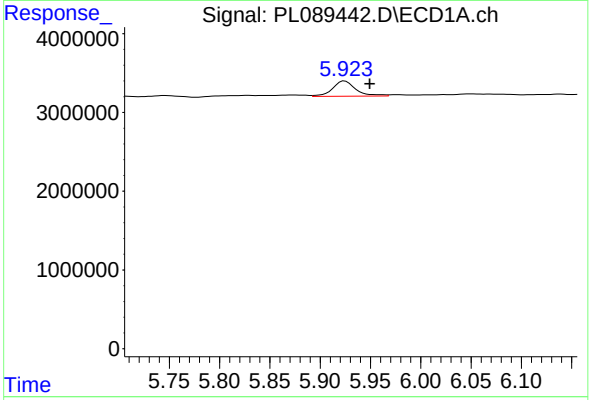
R.T.: 6.053 min
Delta R.T.: -0.026 min
Response: 570501
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



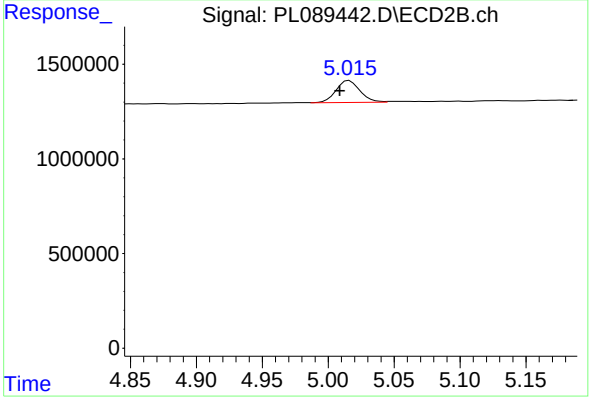
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 36003
Conc: 0.02 ng/ml



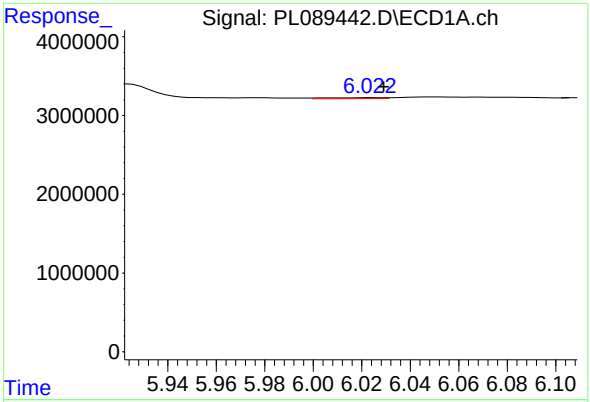
#10 gamma-Chlordane

R.T.: 5.924 min
Delta R.T.: -0.025 min
Response: 3136453
Conc: 1.37 ng/ml



#10 gamma-Chlordane

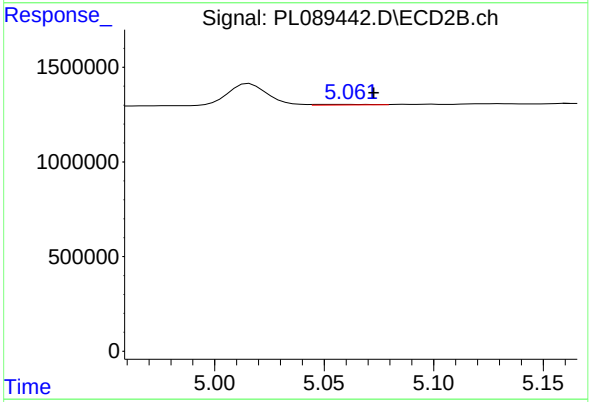
R.T.: 5.016 min
Delta R.T.: 0.007 min
Response: 1467407
Conc: 0.89 ng/ml



#11 alpha-Chlordane

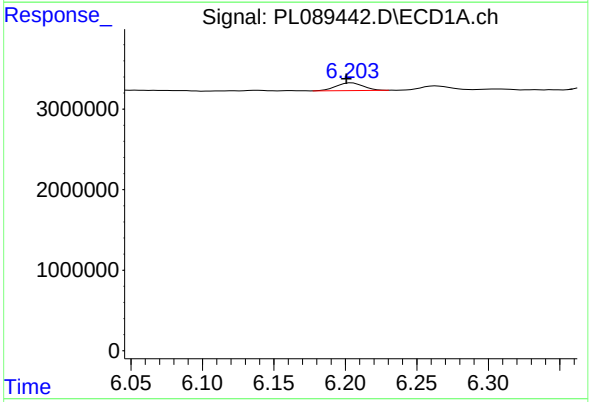
R.T.: 6.024 min
Delta R.T.: -0.005 min
Response: 212207
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



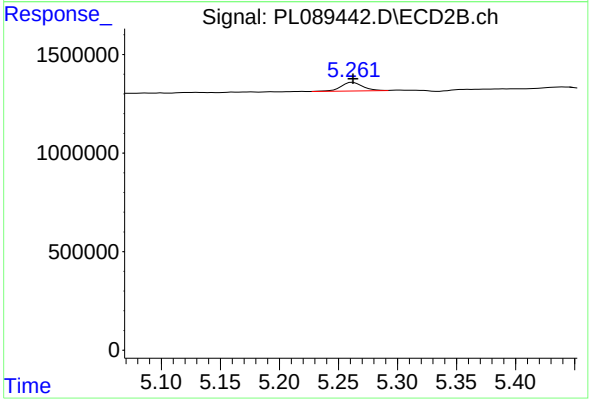
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.011 min
Response: 57072
Conc: 0.03 ng/ml



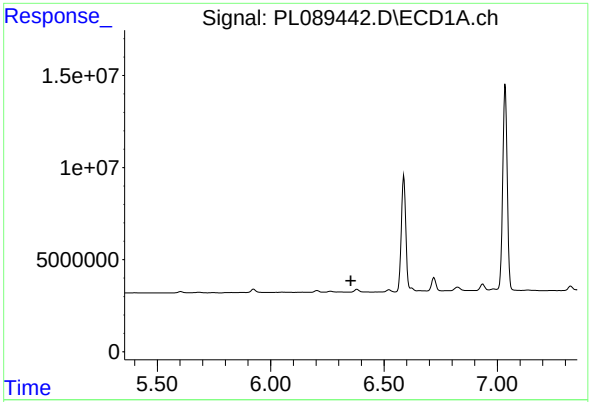
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.004 min
Response: 1238085
Conc: 0.61 ng/ml



#12 4,4'-DDE

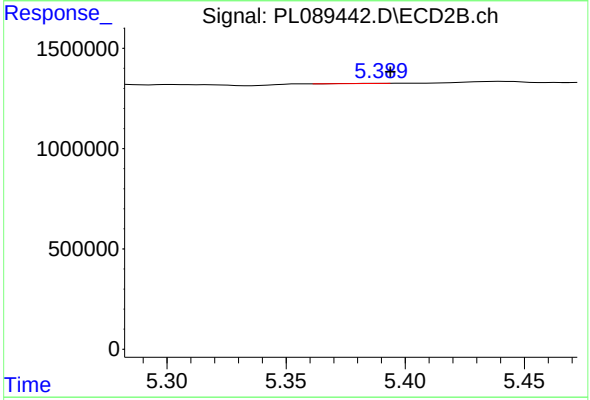
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 563143
Conc: 0.39 ng/ml



#13 Dieldrin

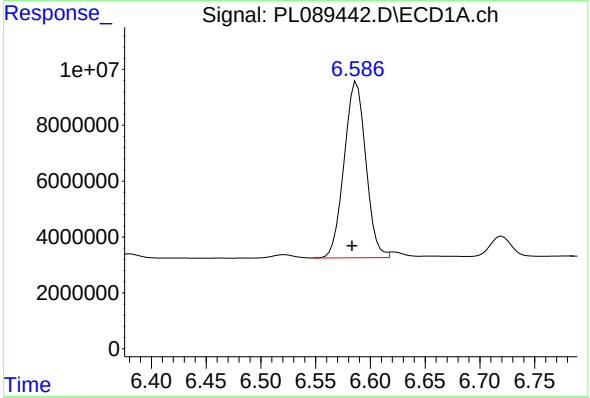
R.T.: 6.333 min
Delta R.T.: -0.021 min
Response: -67621
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



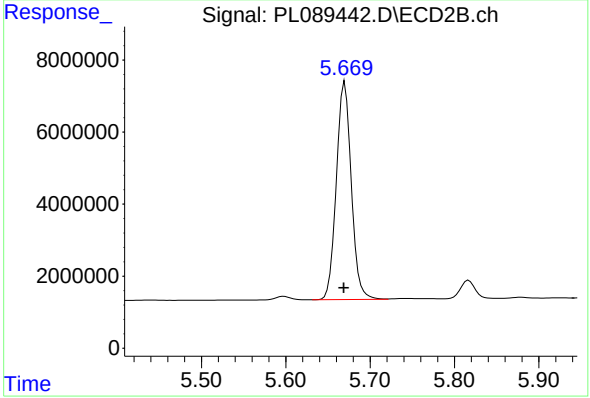
#13 Dieldrin

R.T.: 5.390 min
Delta R.T.: -0.004 min
Response: 4806
Conc: 0.00 ng/ml



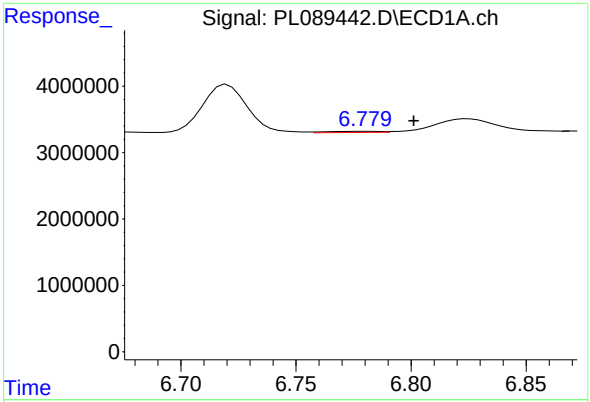
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.004 min
Response: 86871014
Conc: 45.86 ng/ml



#14 Endrin

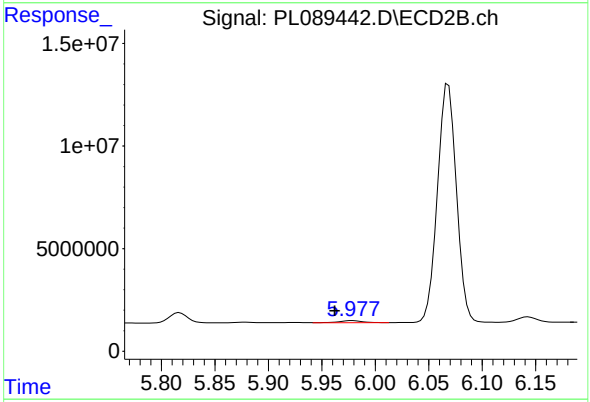
R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 74453607
Conc: 51.79 ng/ml



#15 Endosulfan II

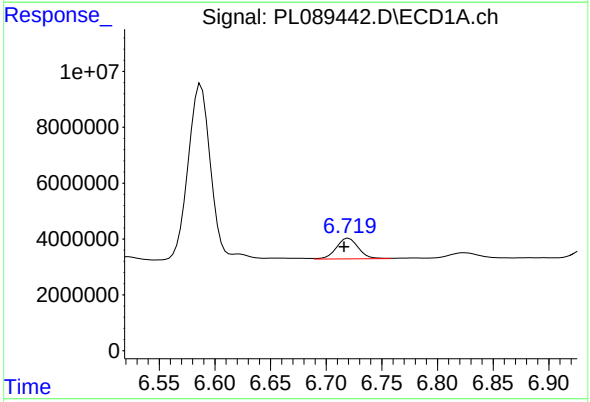
R.T.: 6.781 min
Delta R.T.: -0.020 min
Response: 286439
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



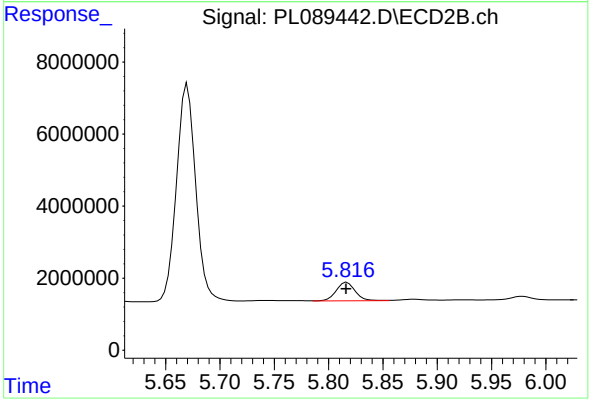
#15 Endosulfan II

R.T.: 5.978 min
Delta R.T.: 0.016 min
Response: 1491961
Conc: 1.04 ng/ml



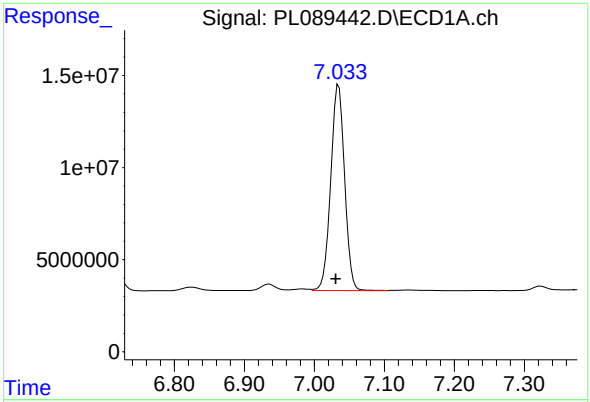
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 10201921
Conc: 6.05 ng/ml



#16 4,4'-DDD

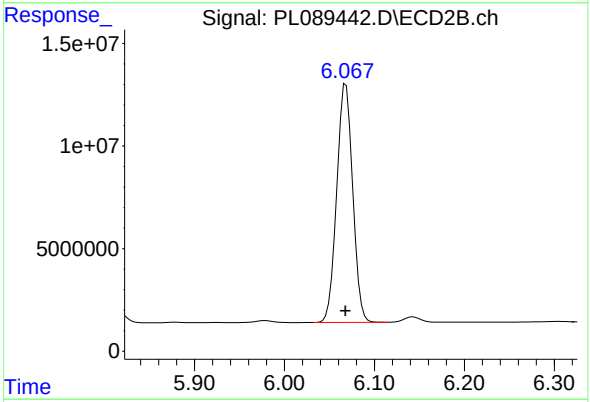
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 6310920
Conc: 5.12 ng/ml



#17 4,4'-DDT

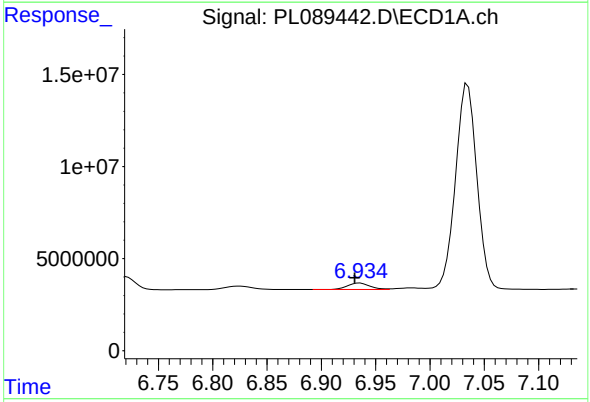
R.T.: 7.035 min
Delta R.T.: 0.004 min
Response: 153730038
Conc: 83.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



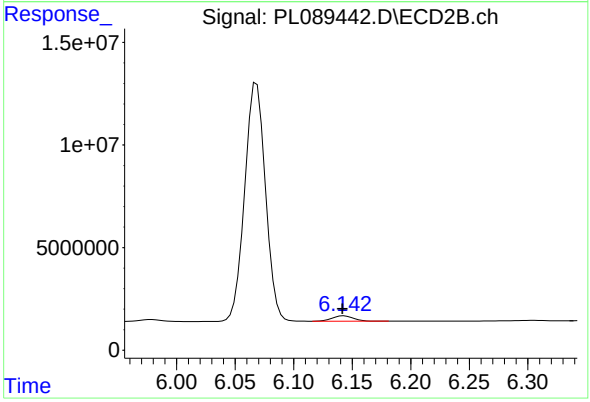
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 143624358
Conc: 106.15 ng/ml



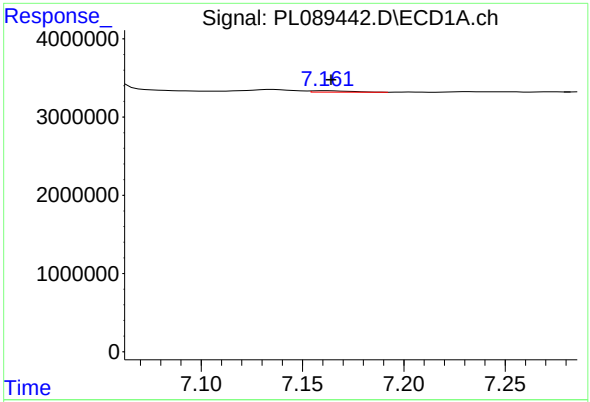
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.004 min
Response: 4963637
Conc: 3.28 ng/ml



#18 Endrin aldehyde

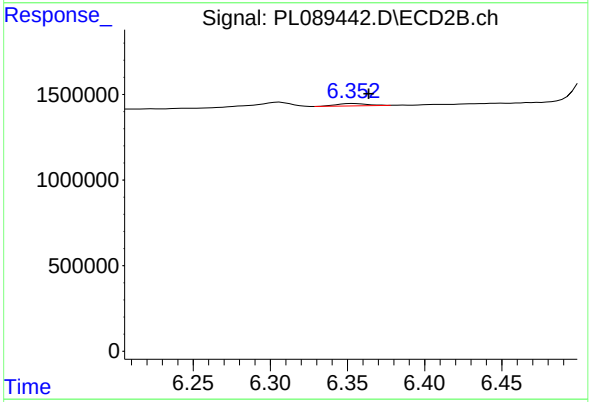
R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 3374569
Conc: 3.03 ng/ml



#19 Endosulfan Sulfate

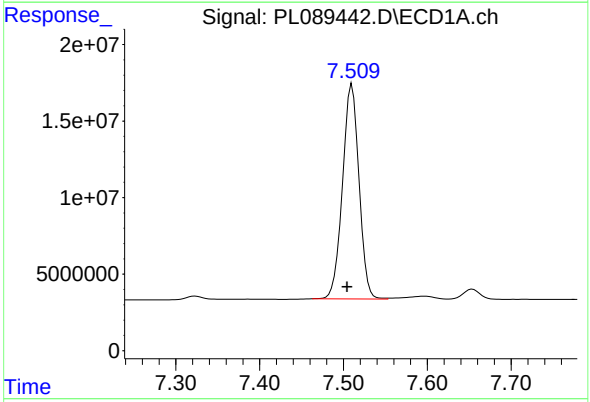
R.T.: 7.162 min
Delta R.T.: -0.002 min
Response: 225346
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



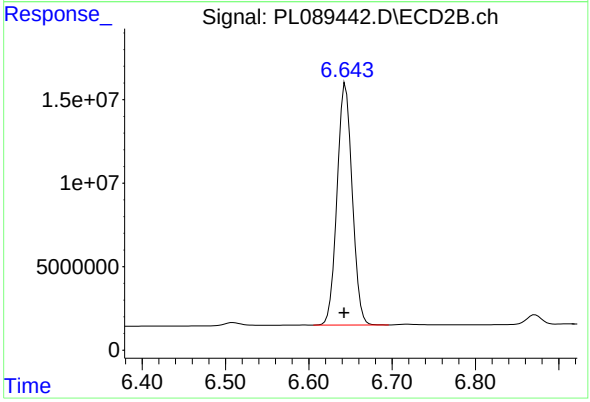
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: -0.010 min
Response: 191357
Conc: 0.14 ng/ml



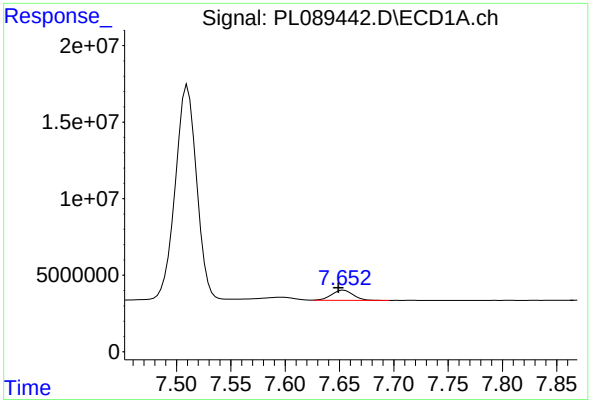
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.006 min
Response: 192337227
Conc: 195.58 ng/ml



#20 Methoxychlor

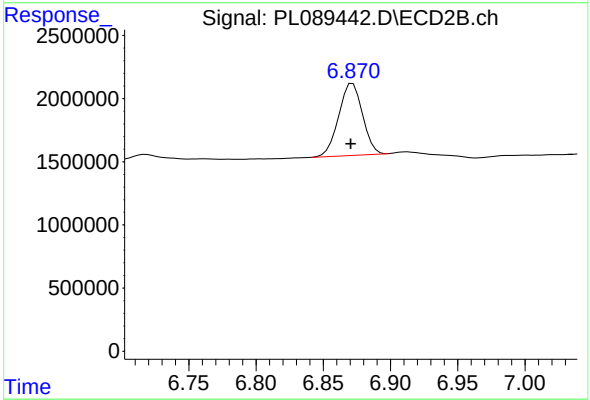
R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 182477912
Conc: 228.22 ng/ml



#21 Endrin ketone

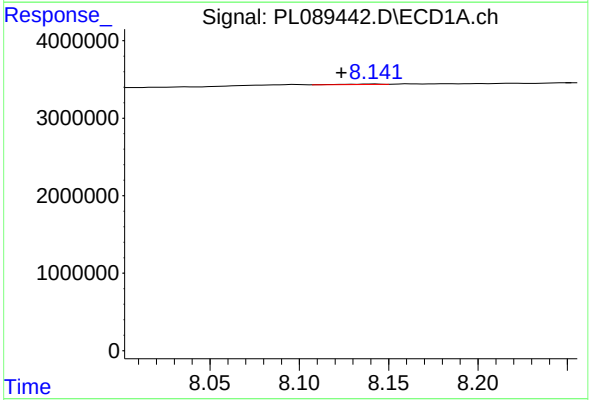
R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 9053890
Conc: 4.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



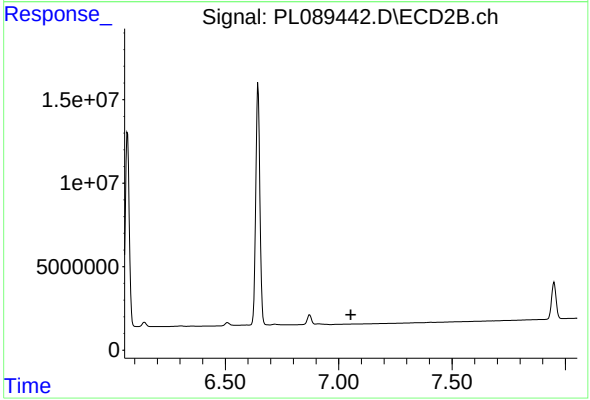
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 7012376
Conc: 4.39 ng/ml



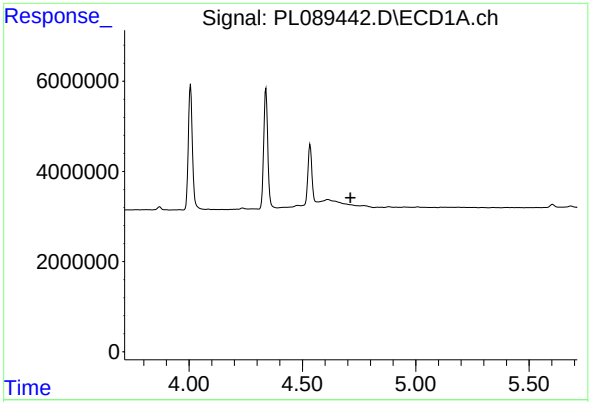
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.019 min
Response: 66787
Conc: 0.04 ng/ml



#22 Mirex

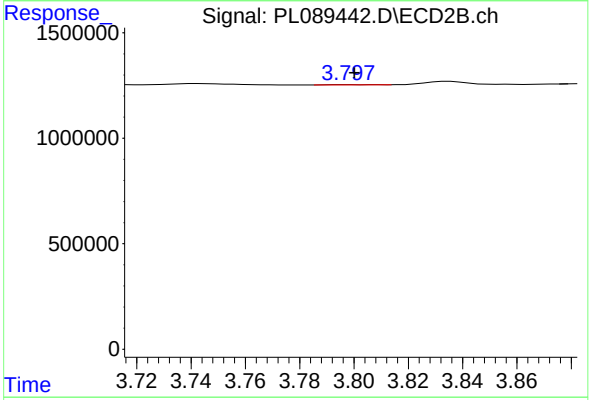
R.T.: 0.000 min
Exp R.T. : 7.054 min
Response: 0
Conc: N.D.



#23 Chlordane-1

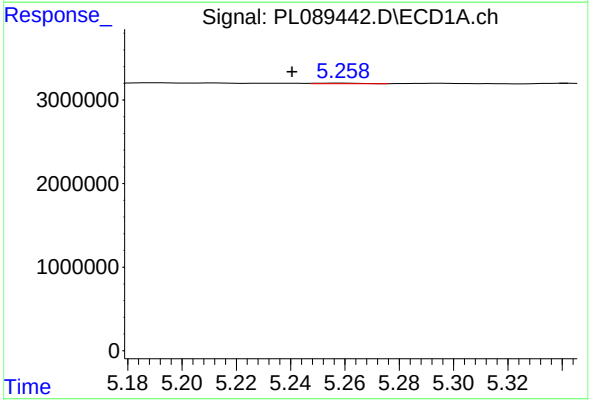
R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



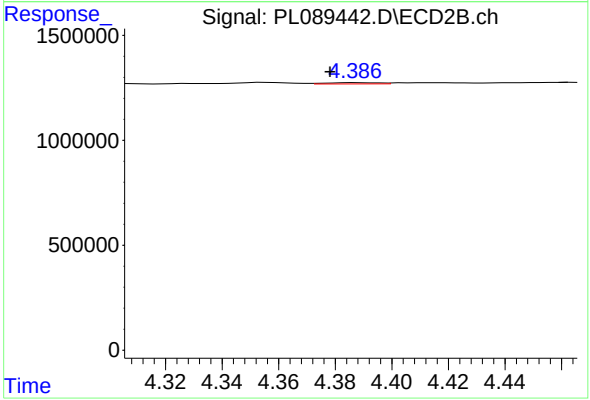
#23 Chlordane-1

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 16939
Conc: 0.34 ng/ml



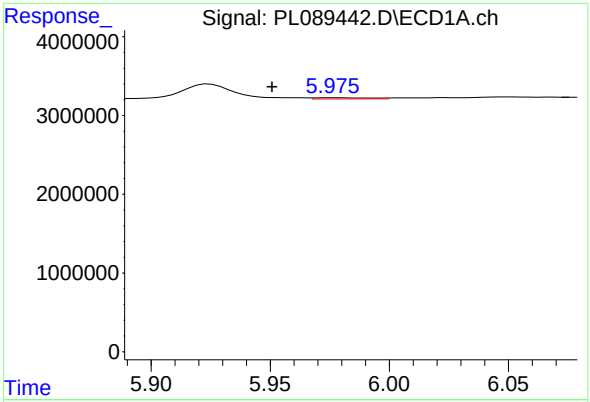
#24 Chlordane-2

R.T.: 5.260 min
Delta R.T.: 0.019 min
Response: 88655
Conc: 0.84 ng/ml



#24 Chlordane-2

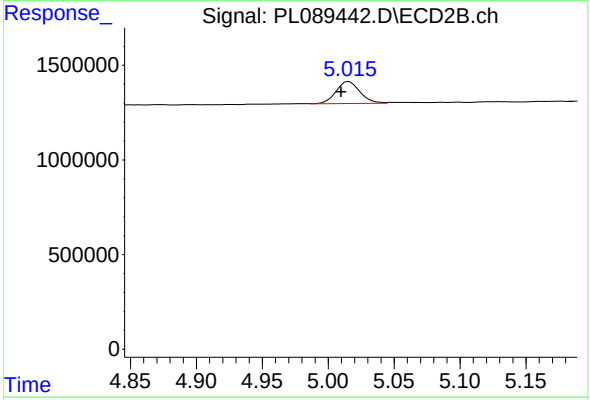
R.T.: 4.388 min
Delta R.T.: 0.009 min
Response: 73407
Conc: 1.15 ng/ml



#25 Chlordane-3

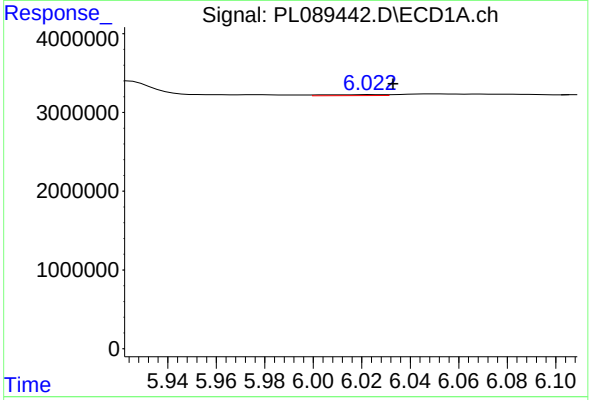
R.T.: 5.976 min
Delta R.T.: 0.026 min
Response: 249011
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



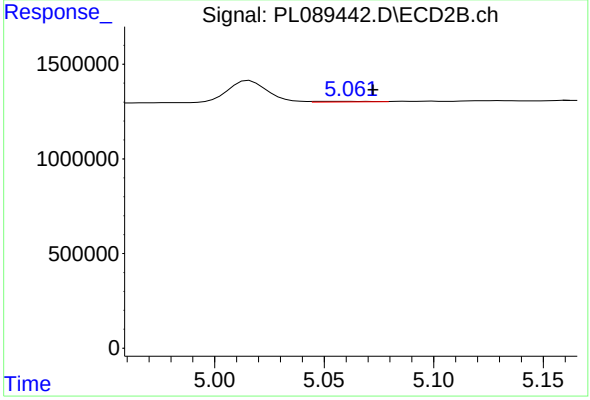
#25 Chlordane-3

R.T.: 5.016 min
Delta R.T.: 0.006 min
Response: 1467407
Conc: 8.57 ng/ml



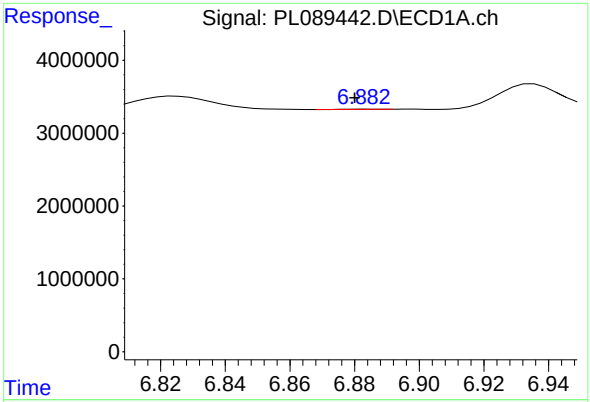
#26 Chlordane-4

R.T.: 6.024 min
Delta R.T.: -0.009 min
Response: 212207
Conc: 0.52 ng/ml



#26 Chlordane-4

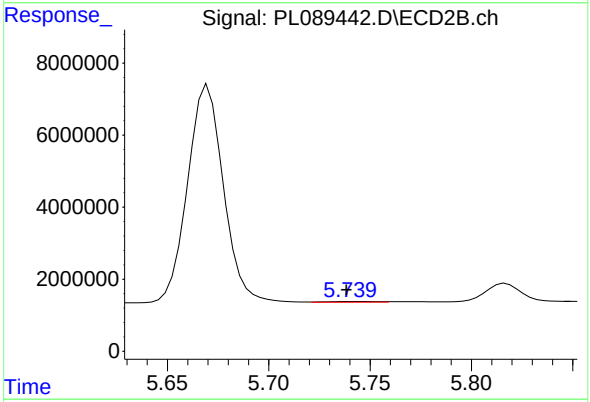
R.T.: 5.062 min
Delta R.T.: -0.010 min
Response: 57072
Conc: 0.35 ng/ml



#27 Chlordane-5

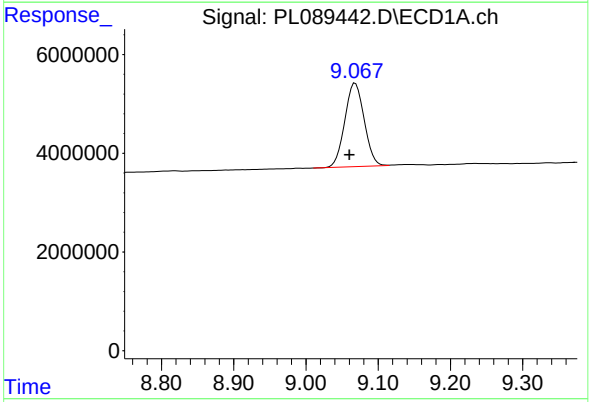
R.T.: 6.883 min
Delta R.T.: 0.003 min
Response: 89527
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



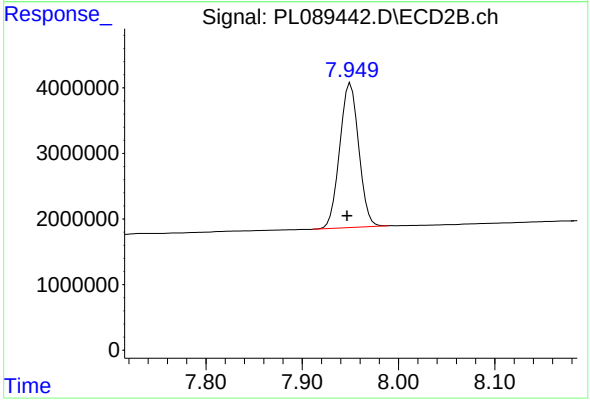
#27 Chlordane-5

R.T.: 5.742 min
Delta R.T.: 0.004 min
Response: 375400
Conc: 7.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.008 min
Response: 31484257
Conc: 22.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.004 min
Response: 30114381
Conc: 22.39 ng/ml