Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042224\
Data File : PL089106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2024 11:24
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: Apr 23 04:30:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 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...	3.553	2.798	44611215	27035742	20.990	20.284	
28)	SA Decachlor...	9.066	7.951	27643196	26946512	21.702	20.123	
	Target Compounds							
2)	A alpha-BHC	4.009	3.303	32806883	18080696	10.972	9.139	
3)	MA gamma-BHC...	4.341	3.634	30728707	17022224	10.651	8.849	
4)	MA Heptachlor	4.954f	0.000	134603	0	0.054	N.D.	#
5)	MB Aldrin	5.255f	4.266	608467	140447	0.234	0.077	#
6)	B beta-BHC	4.535	3.931	15289225	8990595	11.394	10.757	
7)	B delta-BHC	4.777	4.160	399675	87436	0.149	0.048	#
8)	B Heptachlo...	0.000	4.773	0	11791	N.D.	0.007	#
9)	A Endosulfan I	6.092	5.130	479610	84264	0.219	0.056	#
10)	B gamma-Chl...	5.951	5.022	929097	1545	0.404	0.001	#
11)	B alpha-Chl...	6.032	5.056f	994704	2509	0.434	0.002	#
12)	B 4,4'-DDE	6.207	5.267	3074111	355674	1.530	0.242	#
13)	MA Dieldrin	6.333f	0.000	122428	0	0.054	N.D.	#
14)	MA Endrin	6.587	5.672	88868881	71278077	47.287	49.044	
15)	B Endosulfa...	6.823f	5.982f	2442923	656900	1.268	0.459	#
16)	A 4,4'-DDD	6.723	5.821	1950833	749042	1.210	0.619	#
17)	MA 4,4'-DDT	7.035	6.071	163.2E6	147.7E6	89.560	112.658	#
18)	B Endrin al...	6.935	6.146	2742539	2127614	1.874	1.936	
19)	B Endosulfa...	7.166	0.000	153836	0	0.090	N.D.	#
20)	A Methoxychlor	7.509	6.647	211.7E6	194.3E6	240.221	259.974	
21)	B Endrin ke...	7.653	6.874	5012041	2749234	2.599	1.737	#
23)	Chlordane-1	0.000	3.802	0	9373	N.D.	0.183	#
24)	Chlordane-2	5.234	4.366	239232	55557	2.533	0.855	#
25)	Chlordane-3	5.951	5.022	929097	1545	2.883	0.009	#
26)	Chlordane-4	6.032	5.056	994704	2509	2.516	0.015	#
27)	Chlordane-5	0.000	5.757	0	194615	N.D.	3.860	#

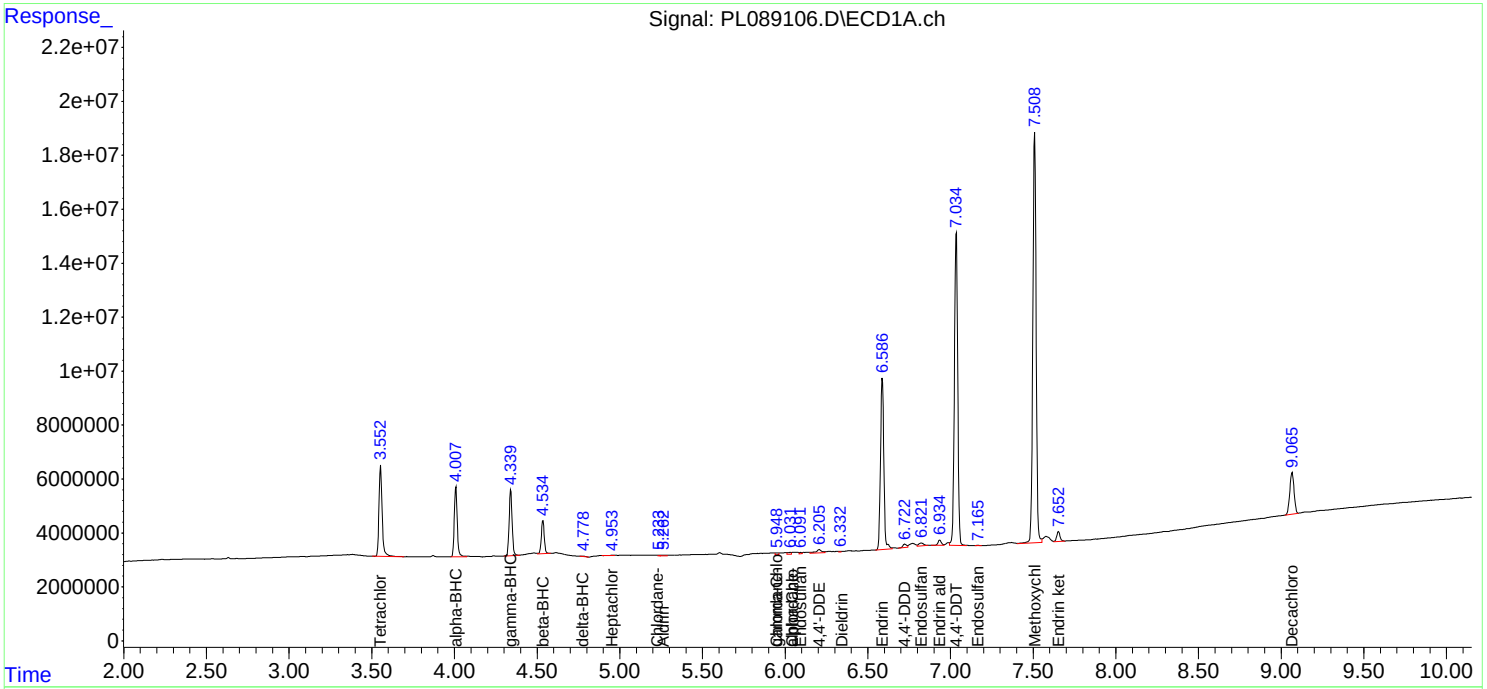
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

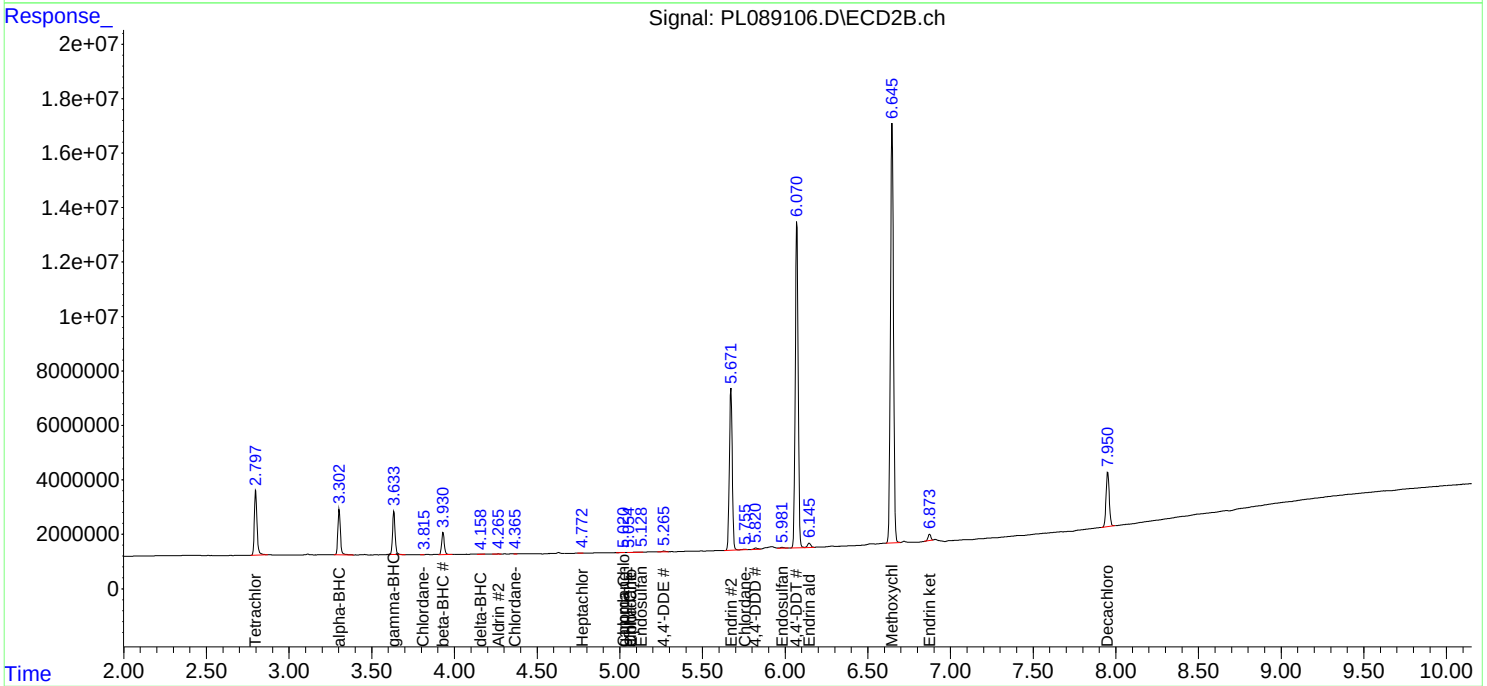
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042224\
Data File : PL089106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2024 11:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

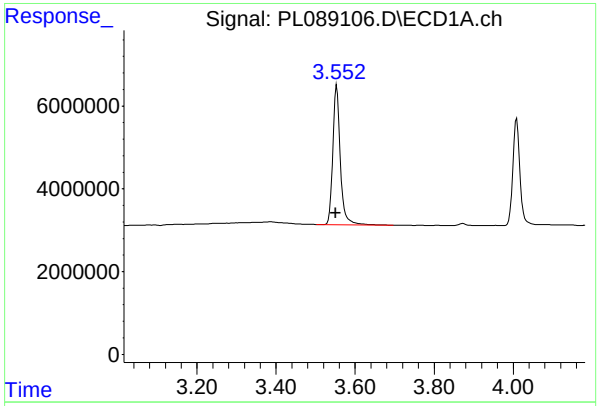
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:30:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 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



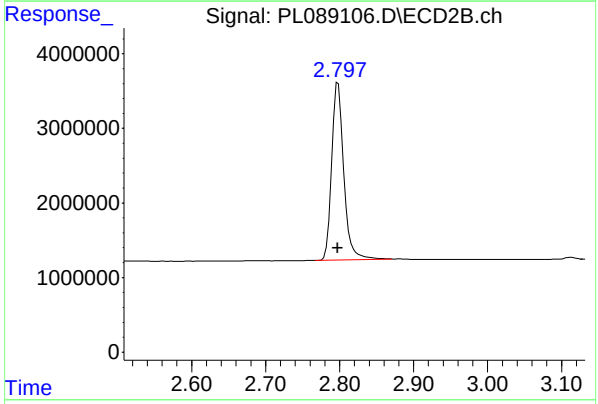




#1 Tetrachloro-m-xylene

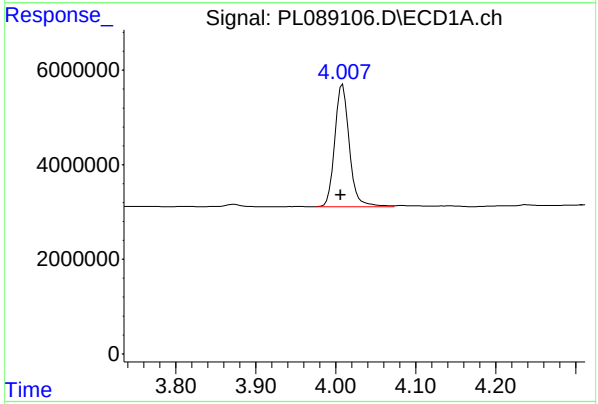
R.T.: 3.553 min
Delta R.T.: 0.002 mi
Response: 44611215
Conc: 20.99 ng/m

Instrument :
ECD_L
ClientSampleId :
PEM



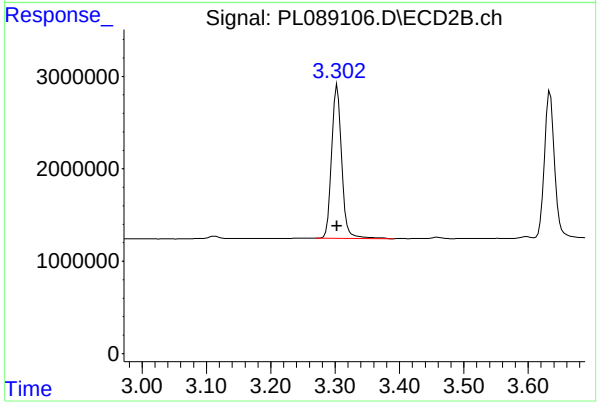
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 27035742
Conc: 20.28 ng/ml



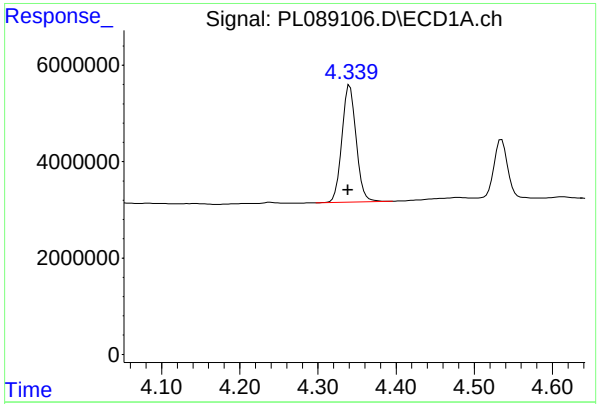
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.003 min
Response: 32806883
Conc: 10.97 ng/ml



#2 alpha-BHC

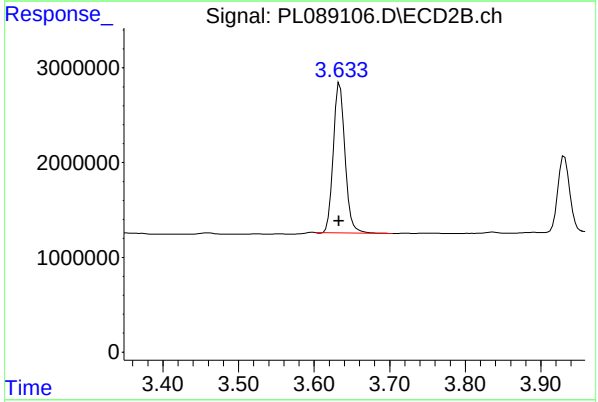
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 18080696
Conc: 9.14 ng/ml



#3 gamma-BHC (Lindane)

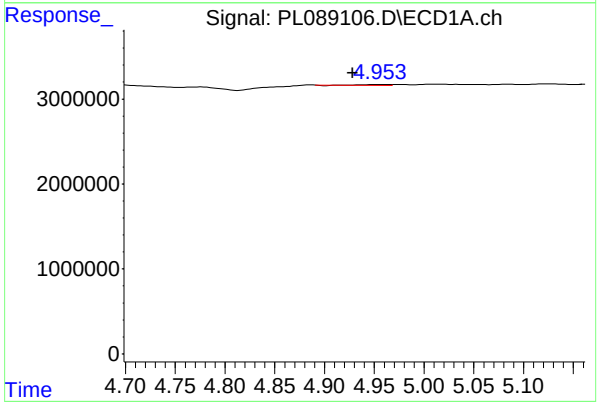
R.T.: 4.341 min
Delta R.T.: 0.002 min
Response: 30728707
Conc: 10.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



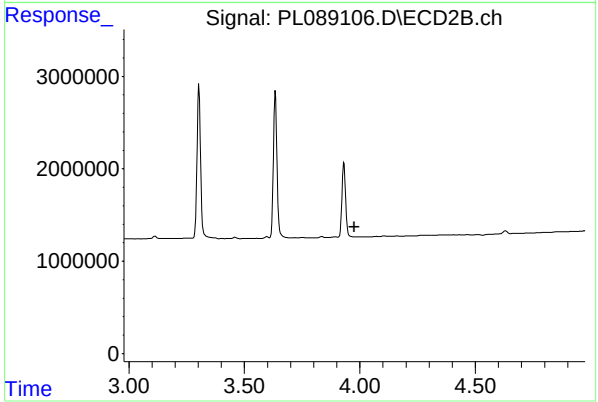
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 17022224
Conc: 8.85 ng/ml



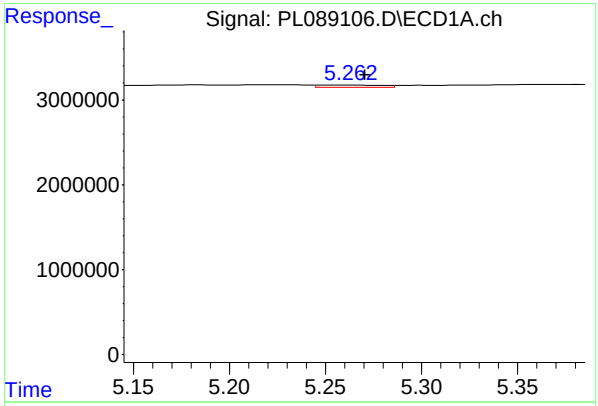
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.026 min
Response: 134603
Conc: 0.05 ng/ml



#4 Heptachlor

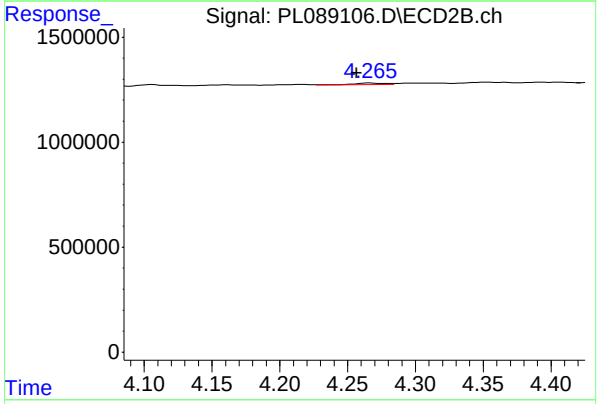
R.T.: 0.000 min
Exp R.T. : 3.976 min
Response: 0
Conc: N.D.



#5 Aldrin

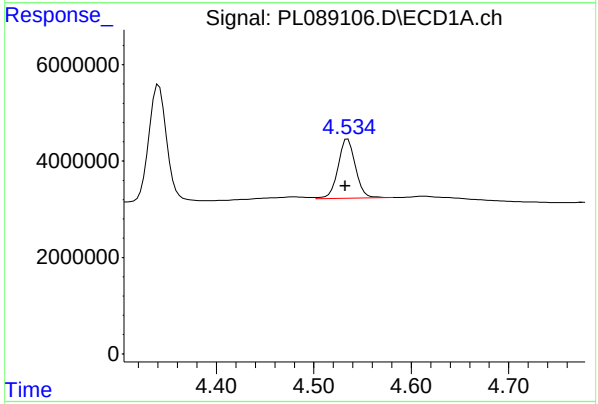
R.T.: 5.255 min
Delta R.T.: -0.015 min
Response: 608467
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



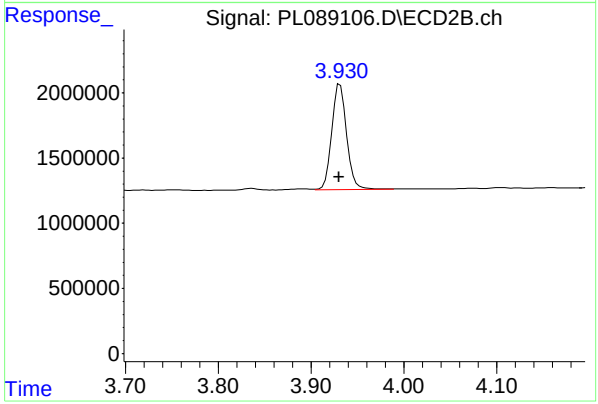
#5 Aldrin

R.T.: 4.266 min
Delta R.T.: 0.009 min
Response: 140447
Conc: 0.08 ng/ml



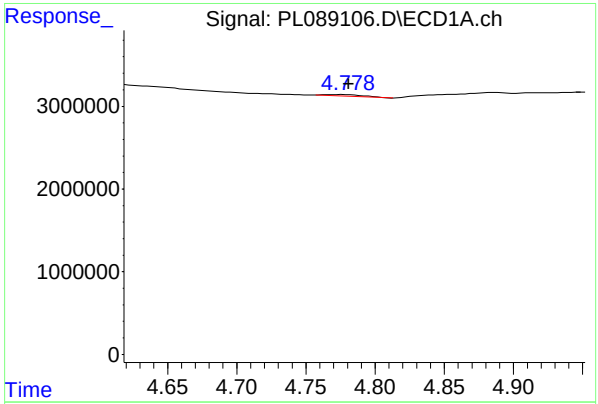
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 15289225
Conc: 11.39 ng/ml



#6 beta-BHC

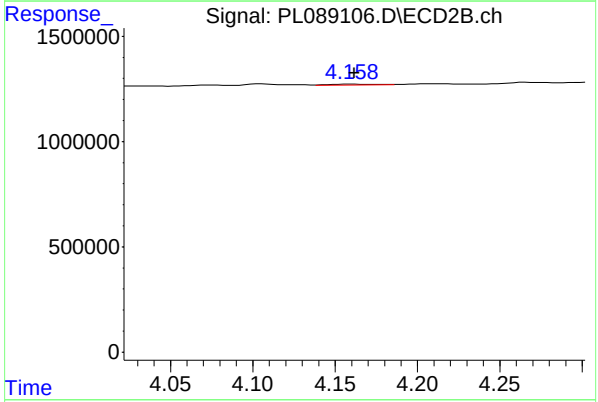
R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 8990595
Conc: 10.76 ng/ml



#7 delta-BHC

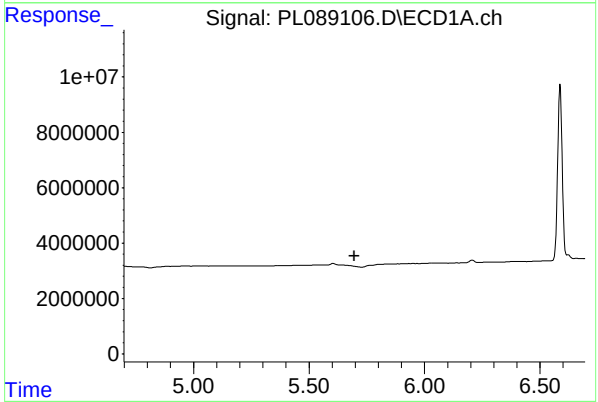
R.T.: 4.777 min
Delta R.T.: -0.004 min
Response: 399675
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



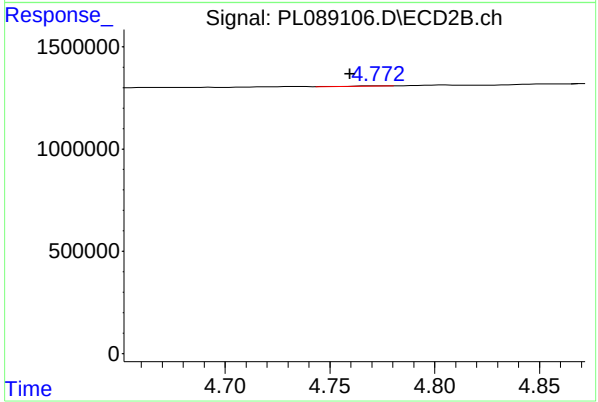
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: -0.001 min
Response: 87436
Conc: 0.05 ng/ml



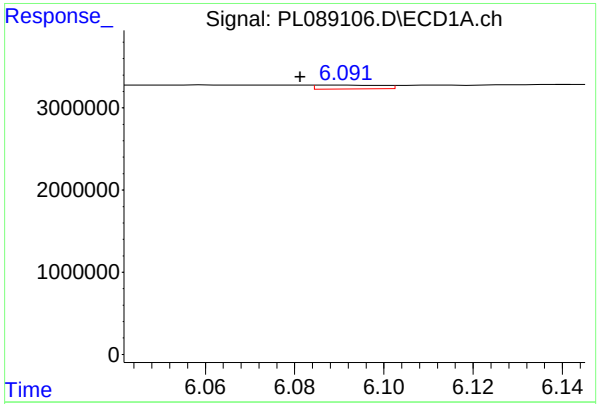
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.696 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

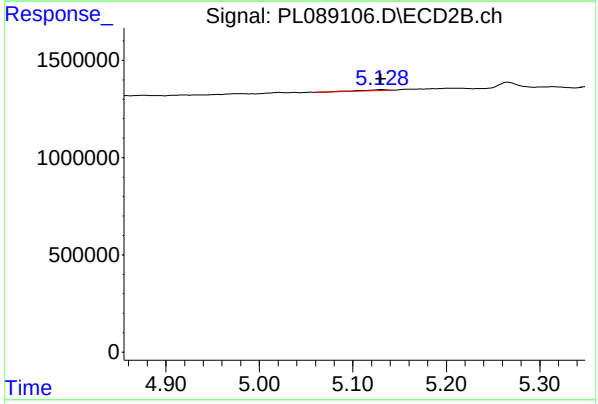
R.T.: 4.773 min
Delta R.T.: 0.013 min
Response: 11791
Conc: 0.01 ng/ml



#9 Endosulfan I

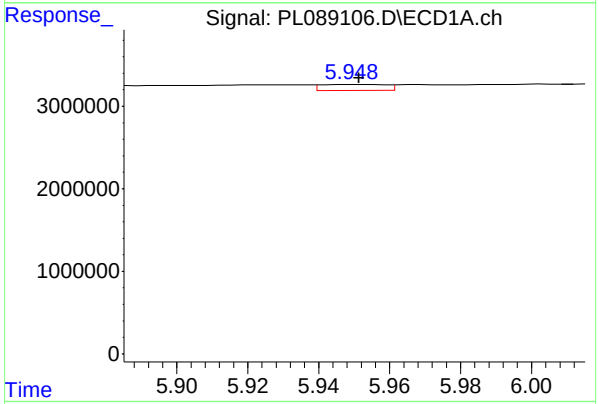
R.T.: 6.092 min
Delta R.T.: 0.011 min
Response: 479610
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



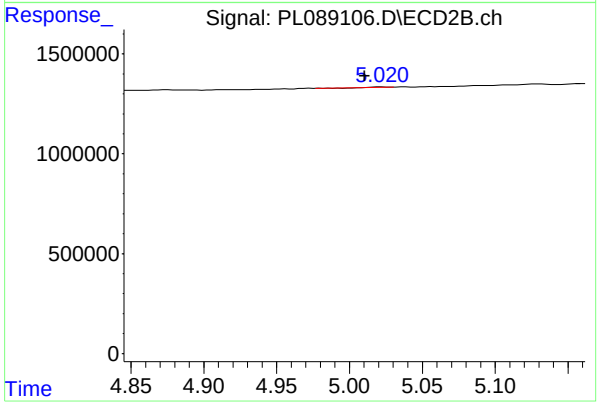
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 84264
Conc: 0.06 ng/ml



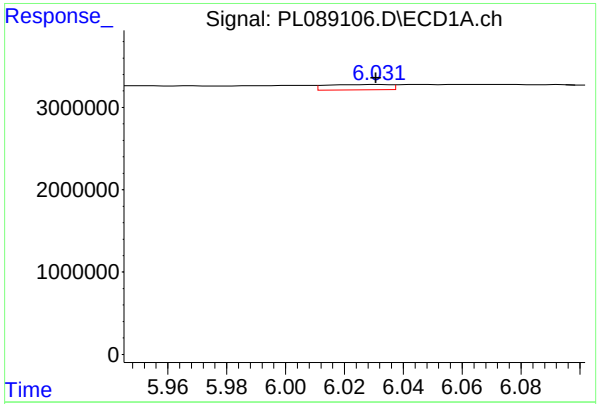
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 929097
Conc: 0.40 ng/ml



#10 gamma-Chlordane

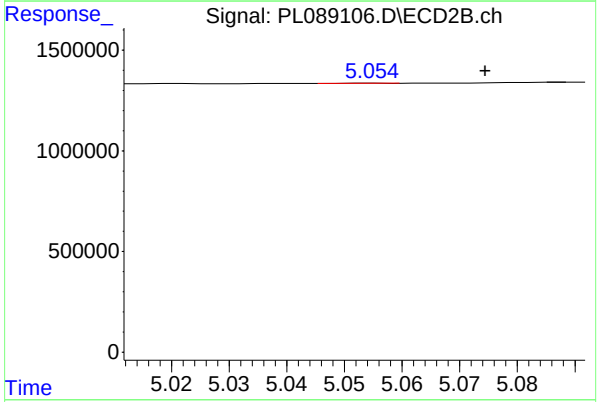
R.T.: 5.022 min
Delta R.T.: 0.011 min
Response: 1545
Conc: 0.00 ng/ml



#11 alpha-Chlordane

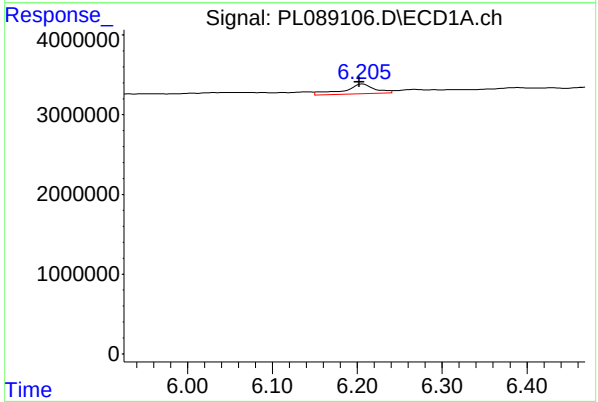
R.T.: 6.032 min
Delta R.T.: 0.001 mi
Response: 994704
Conc: 0.43 ng/m

Instrument :
ECD_L
ClientSampleId :
PEM



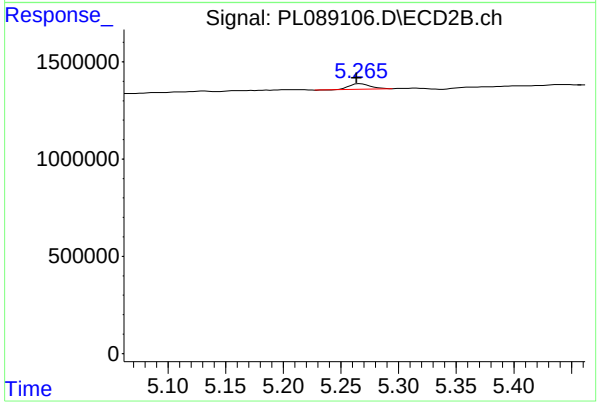
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.019 min
Response: 2509
Conc: 0.00 ng/ml



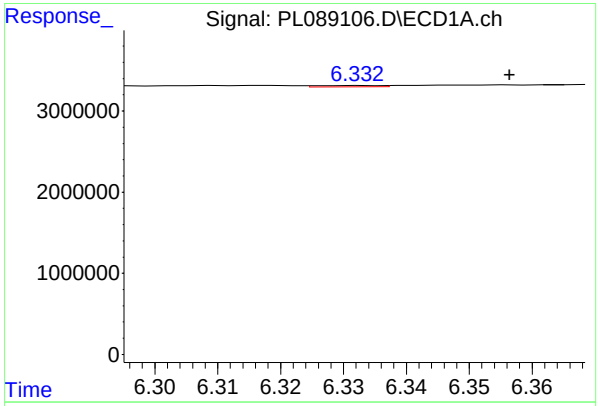
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.004 min
Response: 3074111
Conc: 1.53 ng/ml



#12 4,4'-DDE

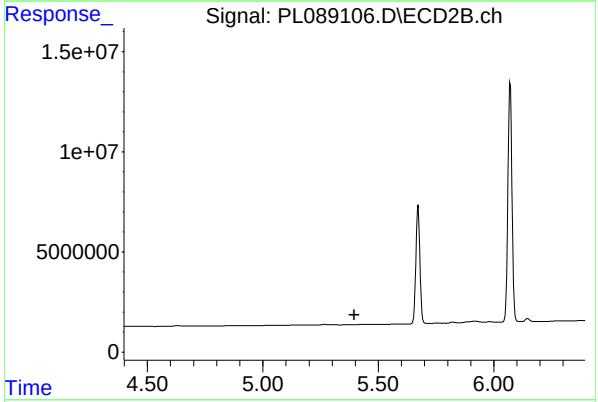
R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 355674
Conc: 0.24 ng/ml



#13 Dieldrin

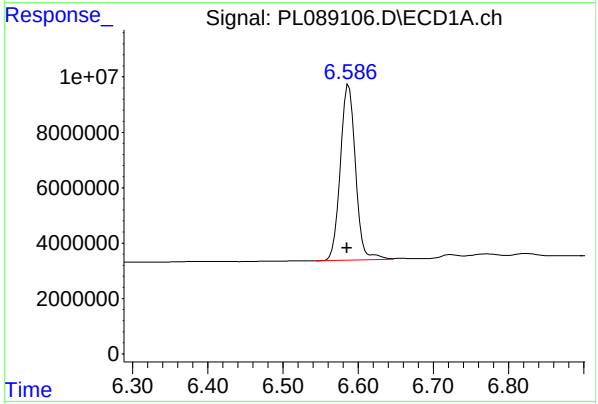
R.T.: 6.333 min
Delta R.T.: -0.023 min
Response: 122428
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



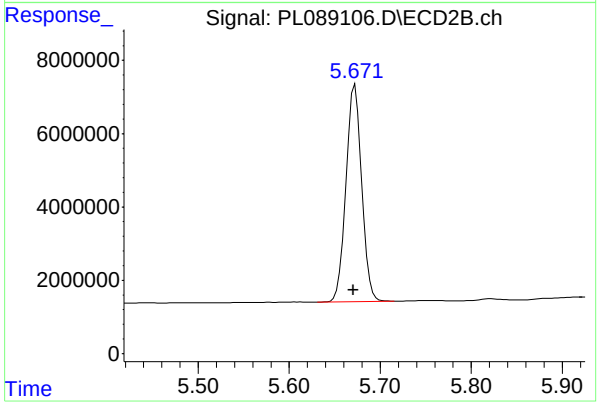
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.395 min
Response: 0
Conc: N.D.



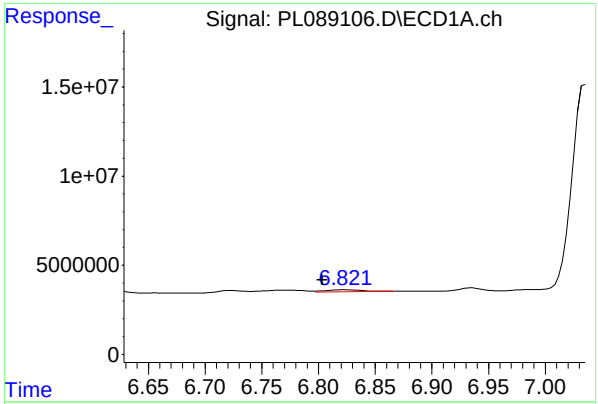
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.002 min
Response: 88868881
Conc: 47.29 ng/ml



#14 Endrin

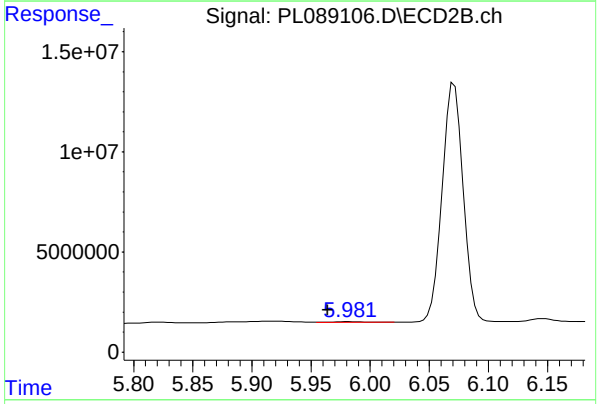
R.T.: 5.672 min
Delta R.T.: 0.002 min
Response: 71278077
Conc: 49.04 ng/ml



#15 Endosulfan II

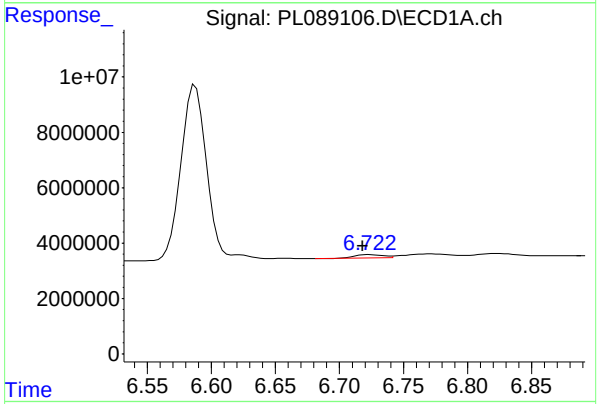
R.T.: 6.823 min
Delta R.T.: 0.020 min
Response: 2442923
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



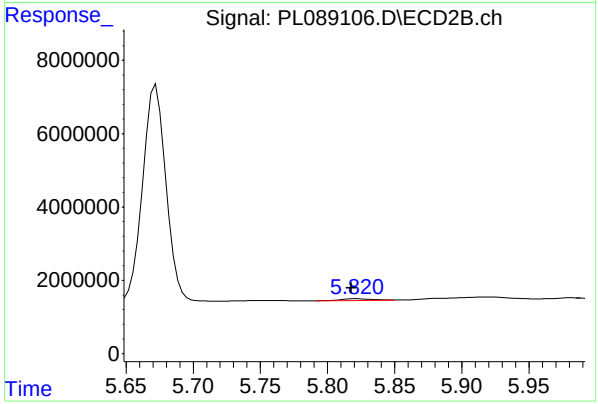
#15 Endosulfan II

R.T.: 5.982 min
Delta R.T.: 0.018 min
Response: 656900
Conc: 0.46 ng/ml



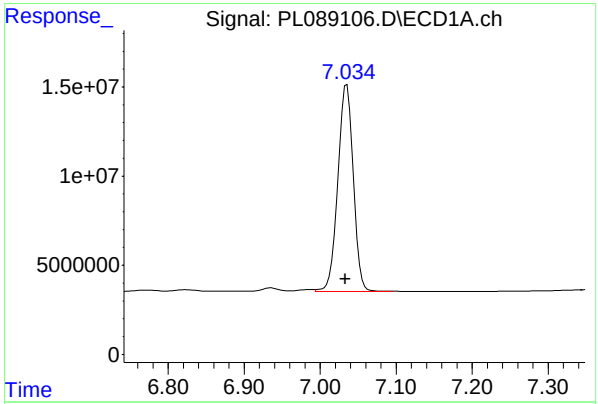
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.005 min
Response: 1950833
Conc: 1.21 ng/ml



#16 4,4'-DDD

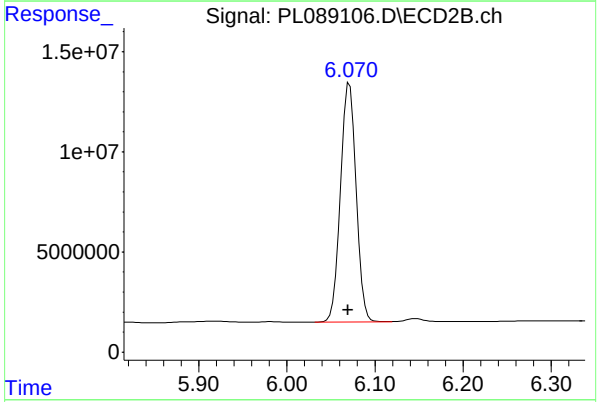
R.T.: 5.821 min
Delta R.T.: 0.004 min
Response: 749042
Conc: 0.62 ng/ml



#17 4,4'-DDT

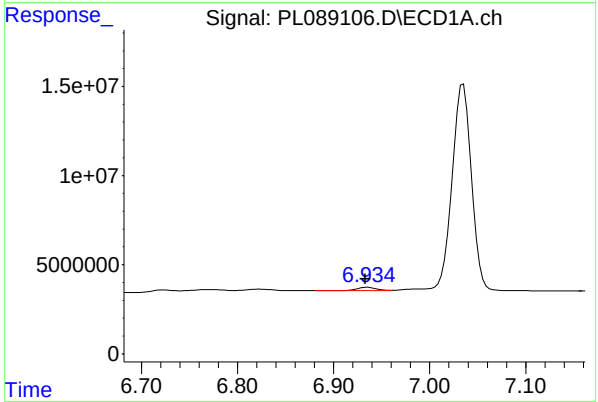
R.T.: 7.035 min
Delta R.T.: 0.002 min
Response: 163198502
Conc: 89.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



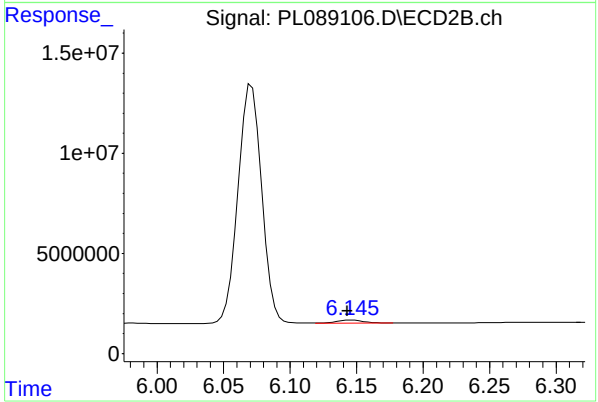
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 147666823
Conc: 112.66 ng/ml



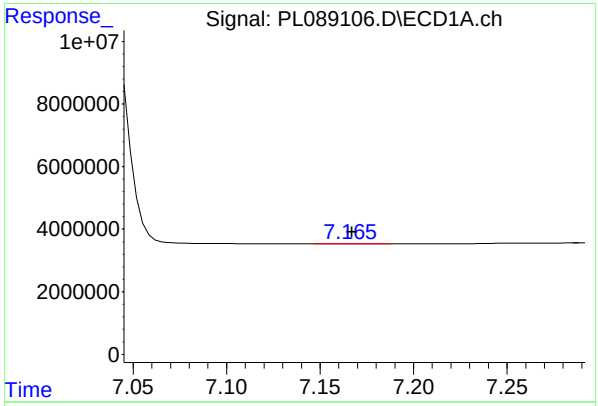
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.002 min
Response: 2742539
Conc: 1.87 ng/ml



#18 Endrin aldehyde

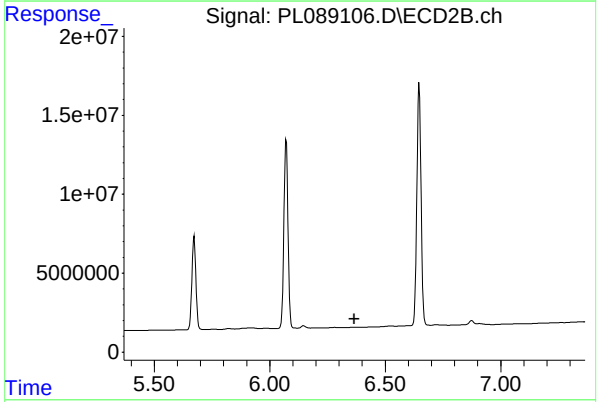
R.T.: 6.146 min
Delta R.T.: 0.003 min
Response: 2127614
Conc: 1.94 ng/ml



#19 Endosulfan Sulfate

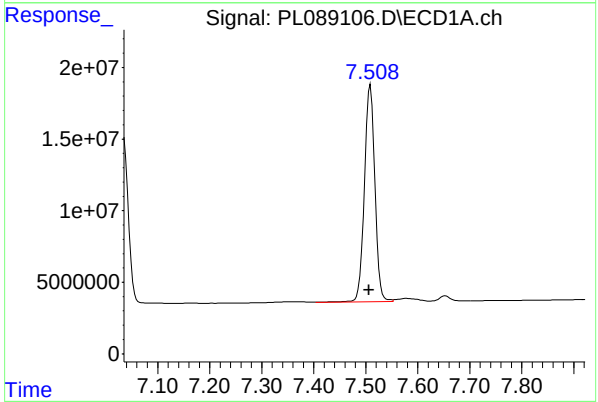
R.T.: 7.166 min
Delta R.T.: -0.001 min
Response: 153836
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



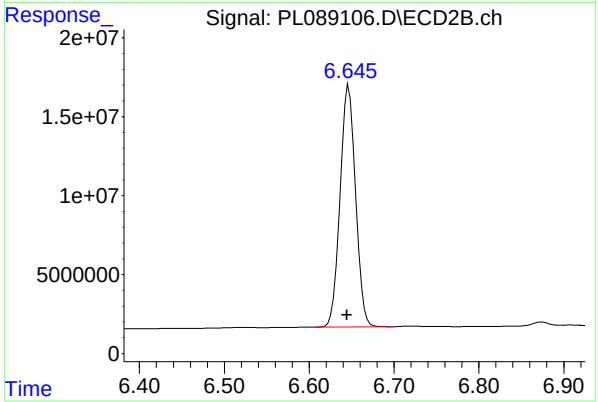
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.366 min
Response: 0
Conc: N.D.



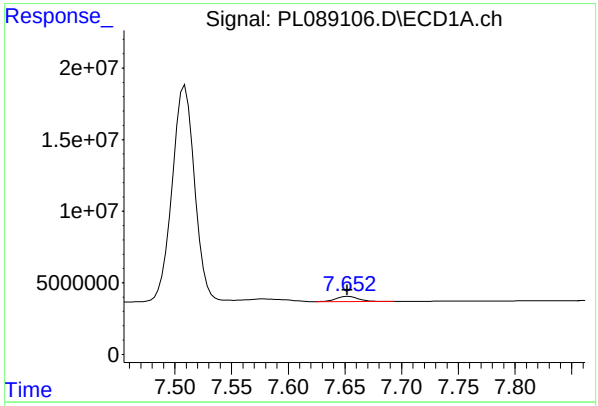
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.003 min
Response: 211661980
Conc: 240.22 ng/ml



#20 Methoxychlor

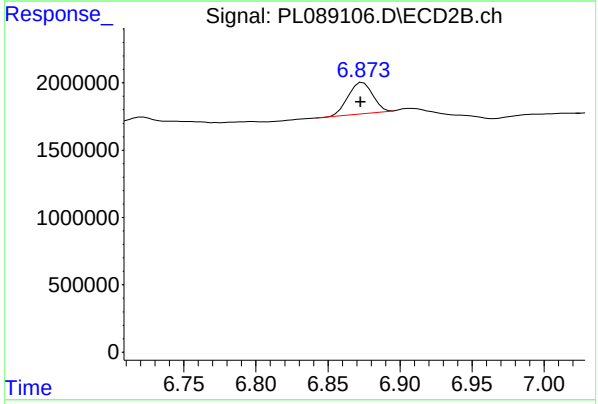
R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 194311427
Conc: 259.97 ng/ml



#21 Endrin ketone

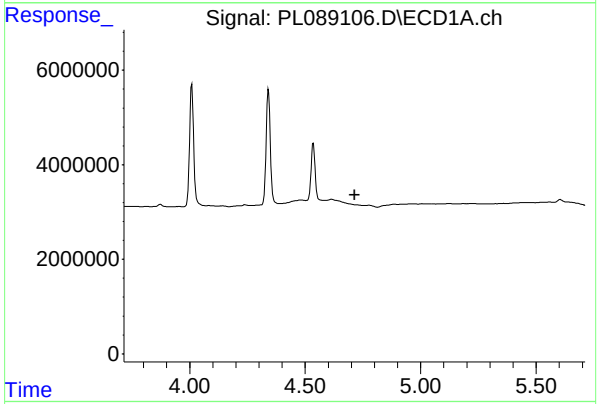
R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 5012041
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



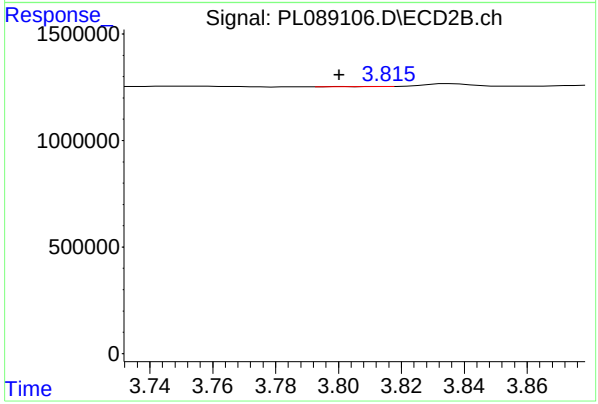
#21 Endrin ketone

R.T.: 6.874 min
Delta R.T.: 0.001 min
Response: 2749234
Conc: 1.74 ng/ml



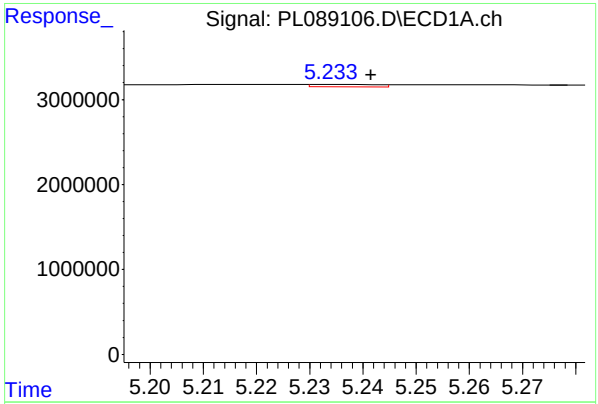
#23 Chlordane-1

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



#23 Chlordane-1

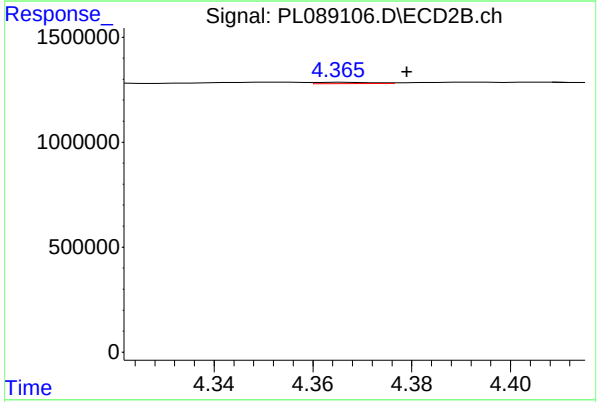
R.T.: 3.802 min
Delta R.T.: 0.002 min
Response: 9373
Conc: 0.18 ng/ml



#24 Chlordane-2

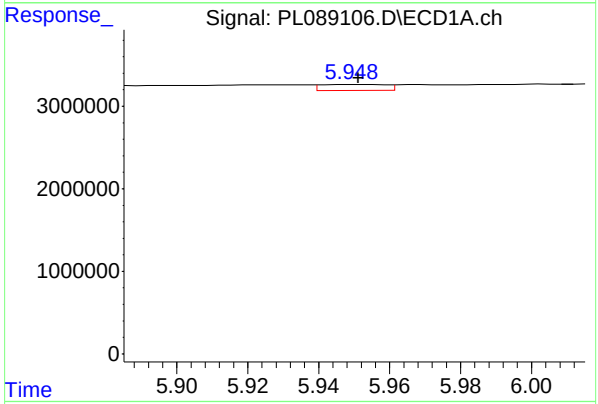
R.T.: 5.234 min
Delta R.T.: -0.007 min
Response: 239232
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



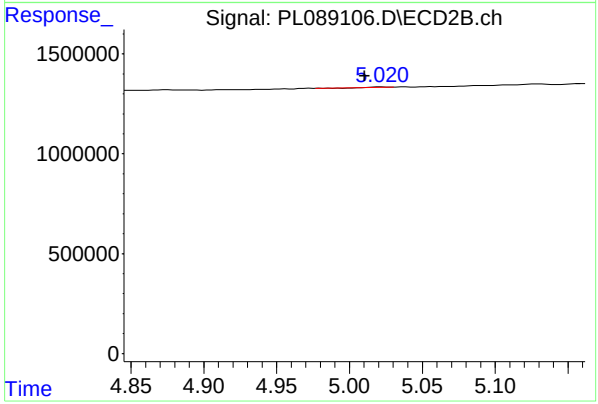
#24 Chlordane-2

R.T.: 4.366 min
Delta R.T.: -0.013 min
Response: 55557
Conc: 0.86 ng/ml



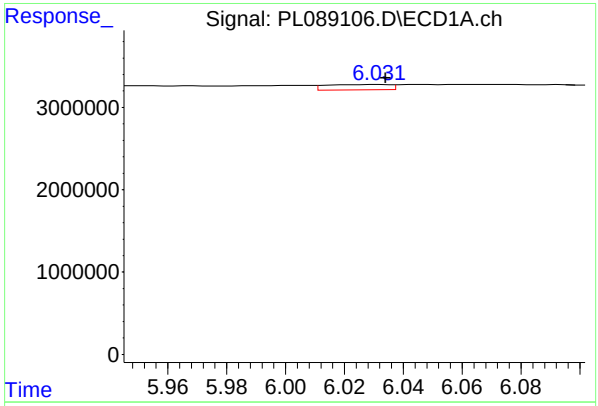
#25 Chlordane-3

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 929097
Conc: 2.88 ng/ml



#25 Chlordane-3

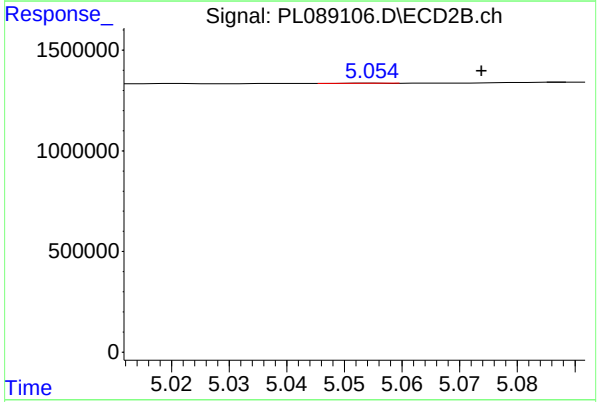
R.T.: 5.022 min
Delta R.T.: 0.011 min
Response: 1545
Conc: 0.01 ng/ml



#26 Chlordane-4

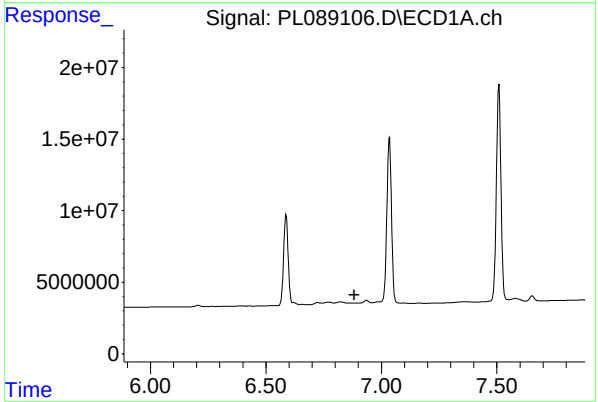
R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 994704
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



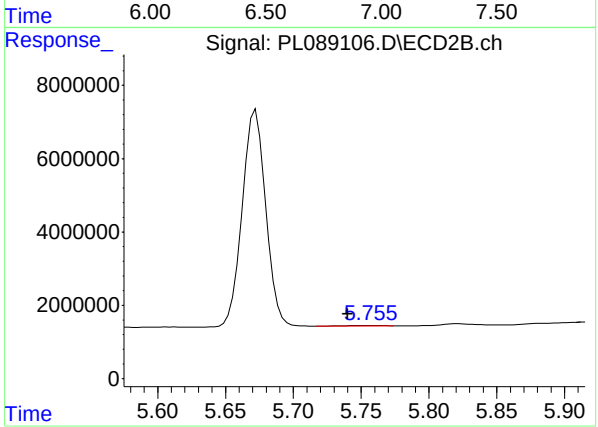
#26 Chlordane-4

R.T.: 5.056 min
Delta R.T.: -0.018 min
Response: 2509
Conc: 0.02 ng/ml



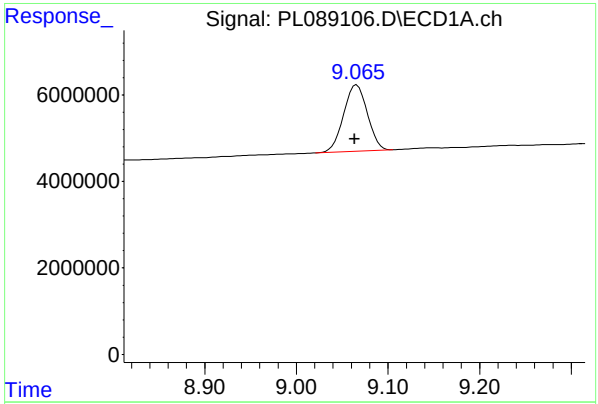
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.882 min
Response: 0
Conc: N.D.



#27 Chlordane-5

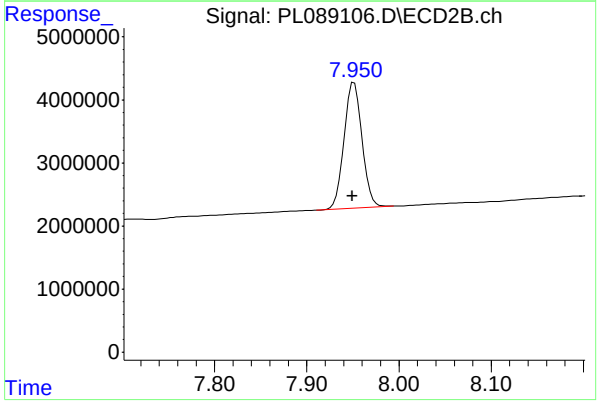
R.T.: 5.757 min
Delta R.T.: 0.017 min
Response: 194615
Conc: 3.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 mi
Response: 27643196
Conc: 21.70 ng/m

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.002 min
Response: 26946512
Conc: 20.12 ng/ml