

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
 Data File : PL089271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2024 09:02
 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 30 14:33:07 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	2.798	44606632	28013081	22.152	21.833
28)	SA Decachlor...	9.065	7.949	30007455	28054085	21.449	20.855
Target Compounds							
2)	A alpha-BHC	4.006	3.303	33226876	18892871	11.651	10.013
3)	MA gamma-BHC...	4.338	3.633	31435437	17874255	11.292	9.687
4)	MA Heptachlor	4.928	3.980	163367	15325	0.066	0.009 #
5)	MB Aldrin	5.277	4.266	921443	369604	0.359	0.209 #
6)	B beta-BHC	4.533	3.930	11294348	9326632	8.953	11.423 #
7)	B delta-BHC	0.000	4.160	0	74436	N.D.	0.041 #
8)	B Heptachlo...	5.690	4.766	4217279	48081	1.798	0.030 #
9)	A Endosulfan I	6.081	5.122	817475	114873	0.380	0.077 #
10)	B gamma-Chl...	5.924f	5.016	5808598	670940	2.541	0.409 #
11)	B alpha-Chl...	6.035	5.079	526641	130082	0.232	0.079 #
12)	B 4,4'-DDE	6.204	5.264	1266231	398672	0.626	0.274 #
13)	MA Dieldrin	6.337f	0.000	24879	0	0.011	N.D. #
14)	MA Endrin	6.586	5.670	90227676	72913067	47.630	50.716
15)	B Endosulfa...	6.822f	5.979f	2794142	1017450	1.400	0.707 #
16)	A 4,4'-DDD	6.719	5.817	6023317	2983472	3.570	2.419 #
17)	MA 4,4'-DDT	7.034	6.069	163.1E6	144.7E6	88.702	106.927
18)	B Endrin al...	6.933	6.144	4066689	2736981	2.689	2.461
19)	B Endosulfa...	7.160	6.358	138080	63177	0.076	0.046 #
20)	A Methoxychlor	7.508	6.645	206.2E6	185.4E6	209.724	231.820
21)	B Endrin ke...	7.652	6.872	7068170	4847647	3.531	3.032
22)	Mirex	0.000	7.068	0	52612	N.D.	0.039 #
23)	Chlordane-1	0.000	3.796	0	35134	N.D.	0.714 #
24)	Chlordane-2	5.243	4.382	629399	623184	5.989	9.796 #
25)	Chlordane-3	5.924f	5.016	5808598	670940	17.588	3.919 #
26)	Chlordane-4	6.035	5.079	526641	130082	1.292	0.809 #
27)	Chlordane-5	6.885	5.748	172072	166170	2.068	3.247 #

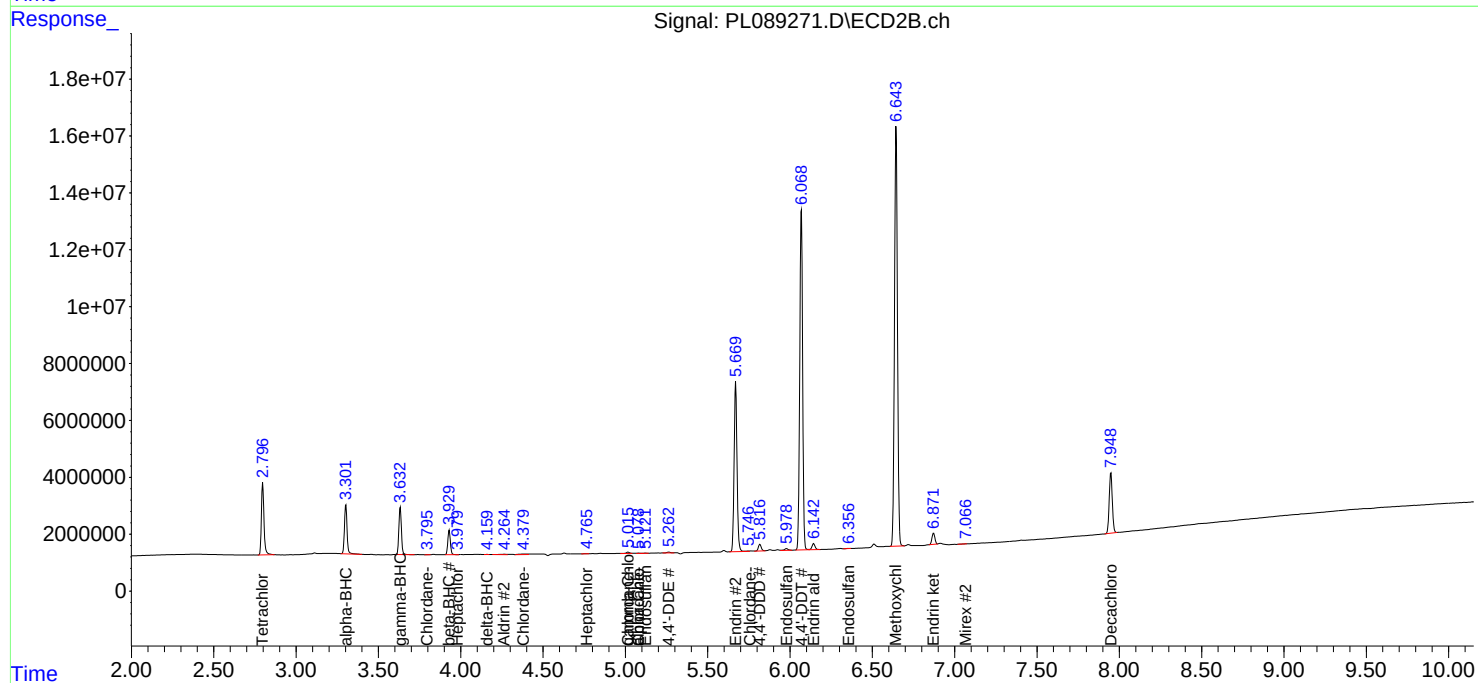
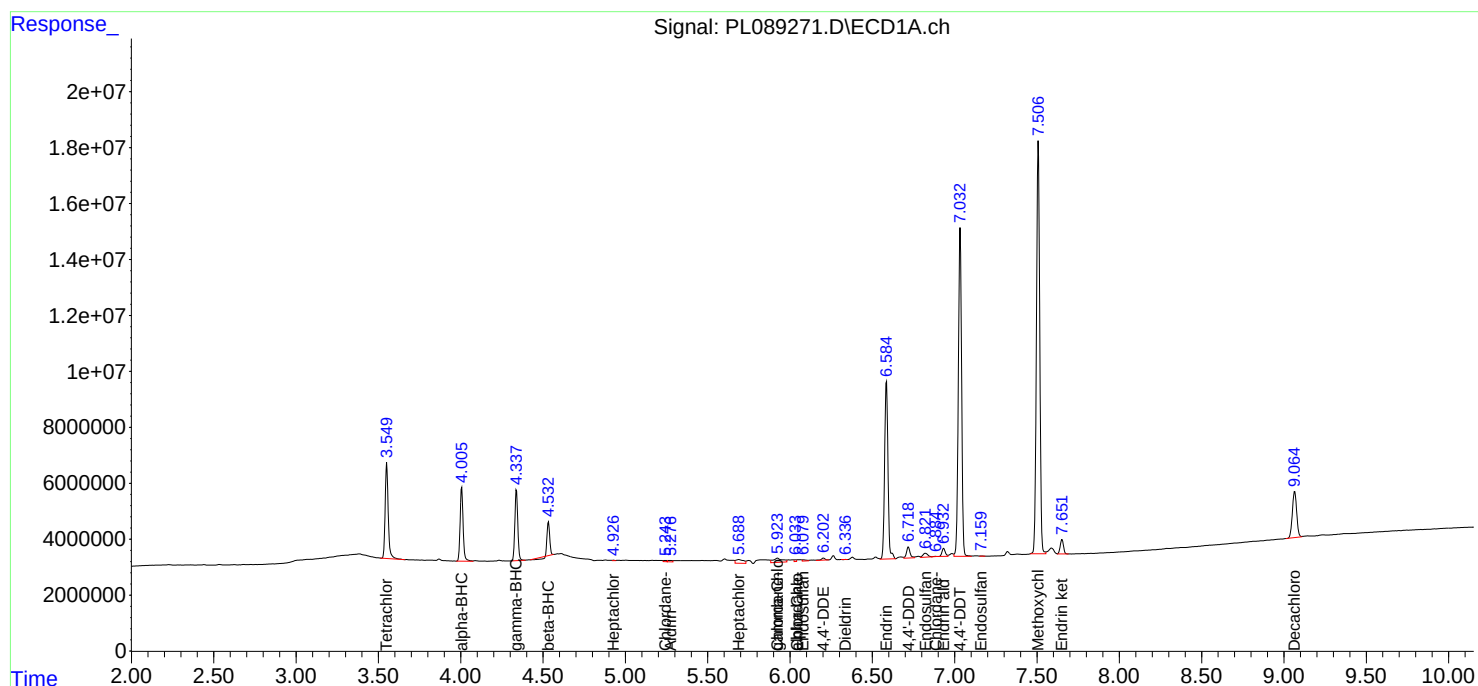
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

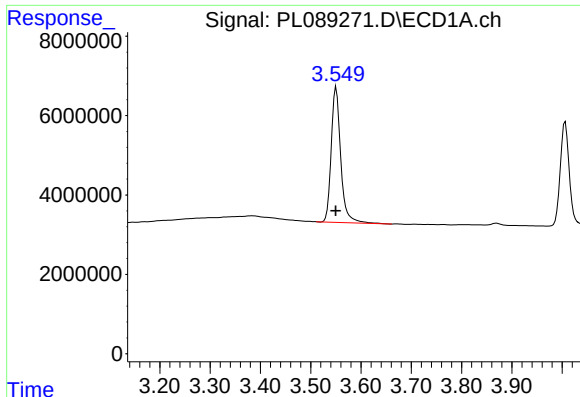
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
Data File : PL089271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2024 09:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 14:33:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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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

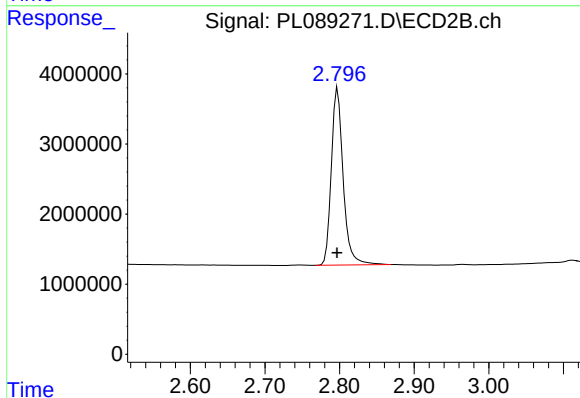




#1 Tetrachloro-m-xylene

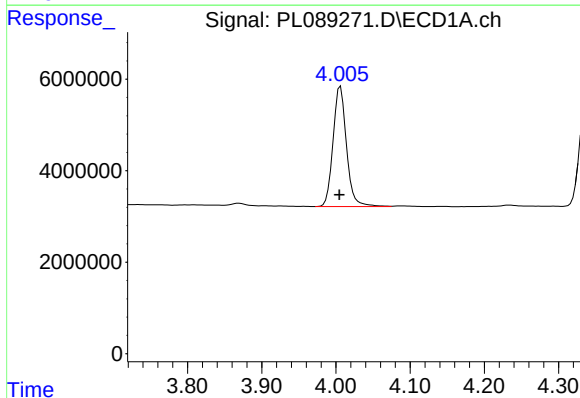
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 44606632
Conc: 22.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



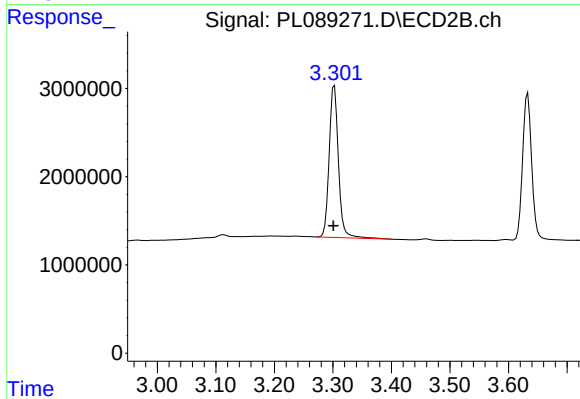
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.001 min
Response: 28013081
Conc: 21.83 ng/ml



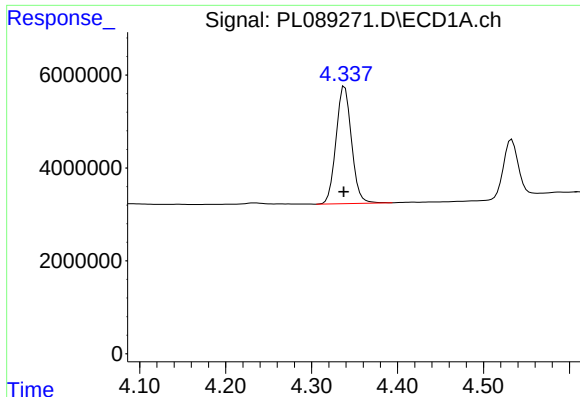
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 33226876
Conc: 11.65 ng/ml



#2 alpha-BHC

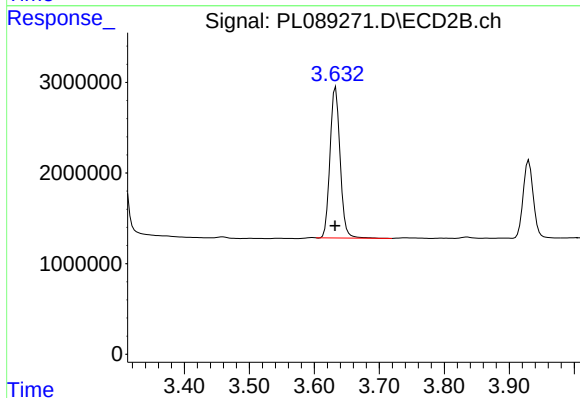
R.T.: 3.303 min
Delta R.T.: 0.001 min
Response: 18892871
Conc: 10.01 ng/ml



#3 gamma-BHC (Lindane)

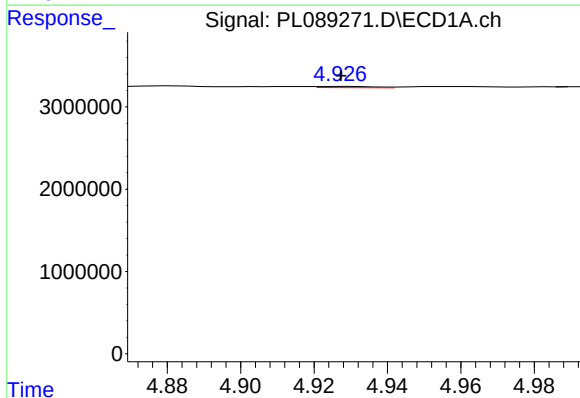
R.T.: 4.338 min
Delta R.T.: 0.001 min
Response: 31435437
Conc: 11.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



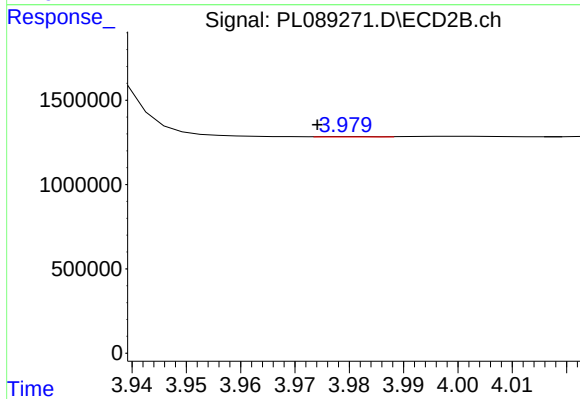
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 17874255
Conc: 9.69 ng/ml



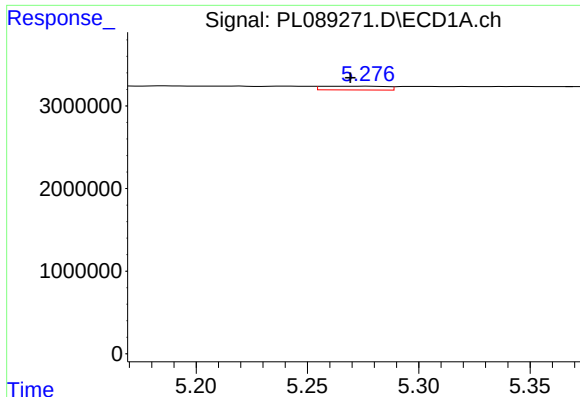
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 163367
Conc: 0.07 ng/ml



#4 Heptachlor

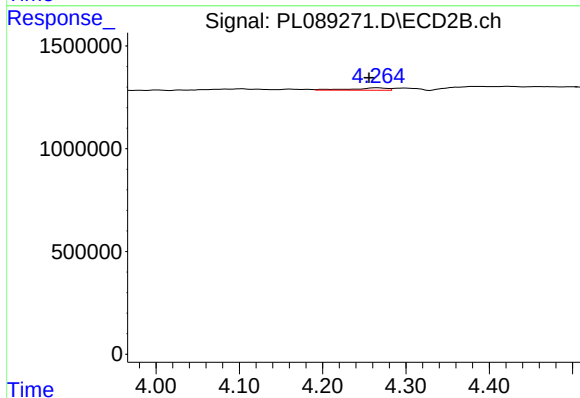
R.T.: 3.980 min
Delta R.T.: 0.006 min
Response: 15325
Conc: 0.01 ng/ml



#5 Aldrin

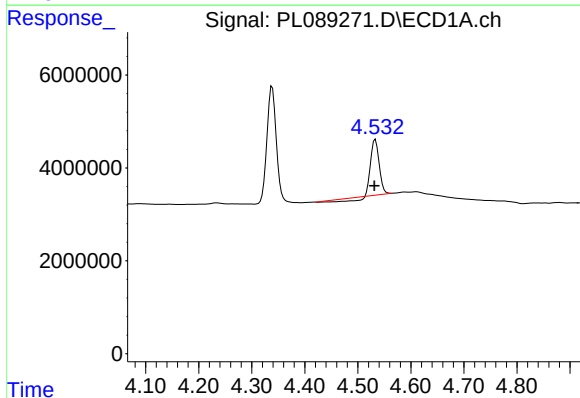
R.T.: 5.277 min
Delta R.T.: 0.008 min
Response: 921443
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



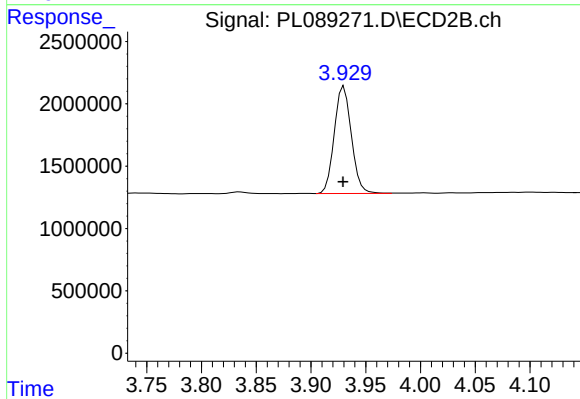
#5 Aldrin

R.T.: 4.266 min
Delta R.T.: 0.010 min
Response: 369604
Conc: 0.21 ng/ml



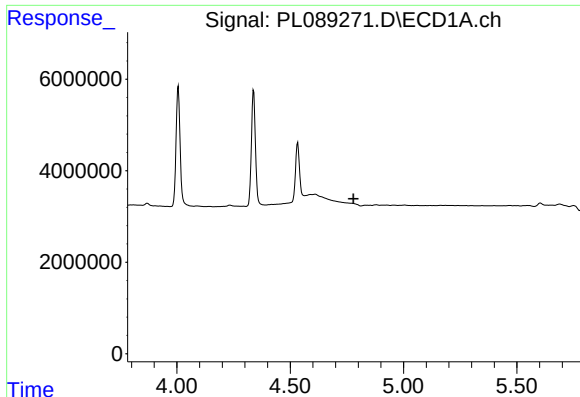
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 11294348
Conc: 8.95 ng/ml



#6 beta-BHC

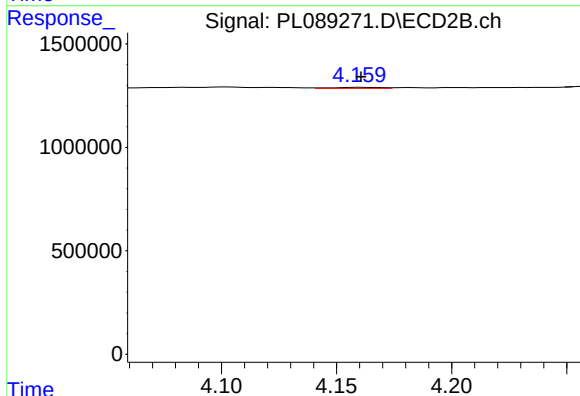
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 9326632
Conc: 11.42 ng/ml



#7 delta-BHC

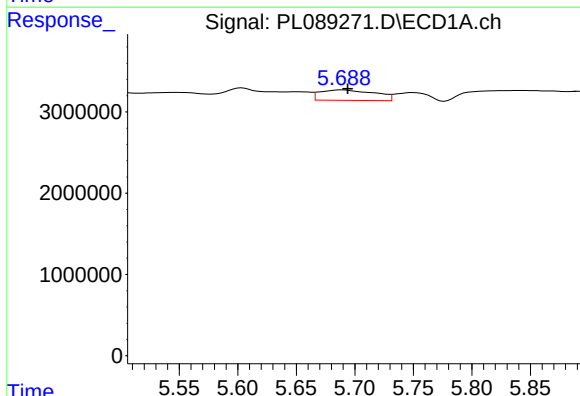
R.T.: 0.000 min
Exp R.T.: 4.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



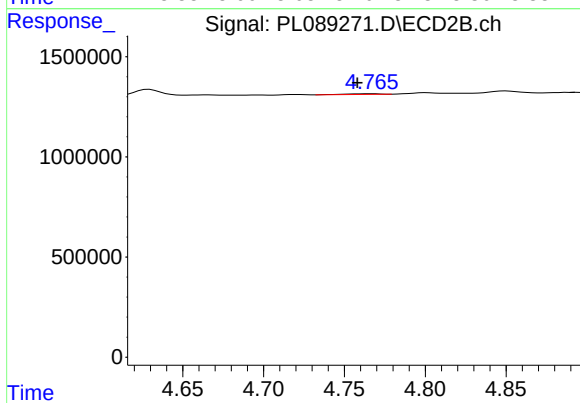
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 74436
Conc: 0.04 ng/ml



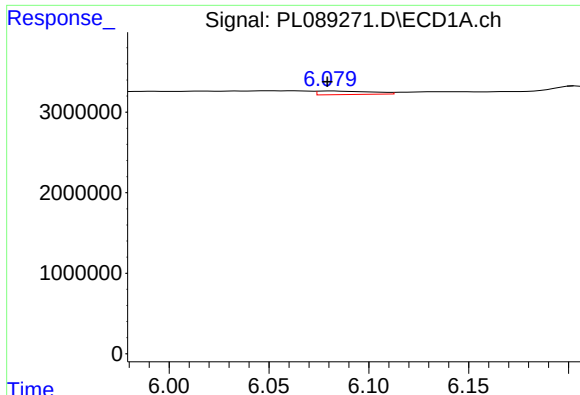
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 4217279
Conc: 1.80 ng/ml



#8 Heptachlor epoxide

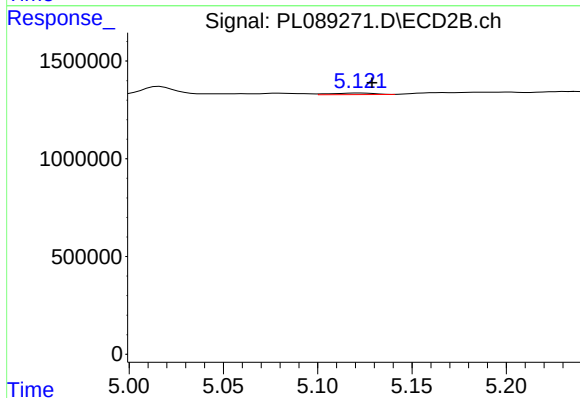
R.T.: 4.766 min
Delta R.T.: 0.008 min
Response: 48081
Conc: 0.03 ng/ml



#9 Endosulfan I

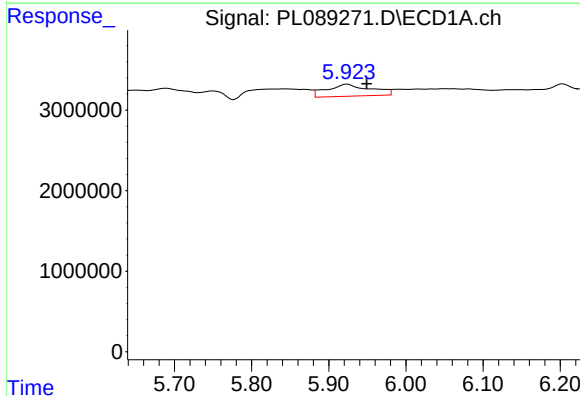
R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 817475
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



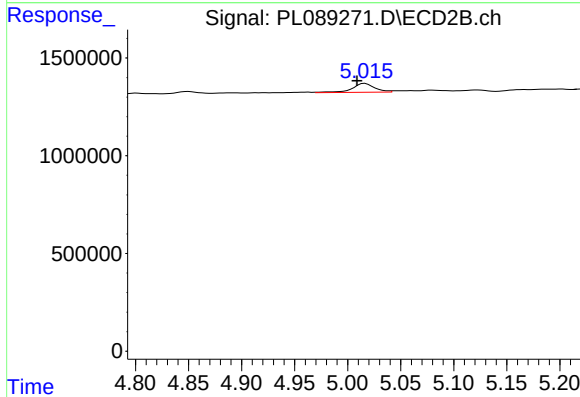
#9 Endosulfan I

R.T.: 5.122 min
Delta R.T.: -0.006 min
Response: 114873
Conc: 0.08 ng/ml



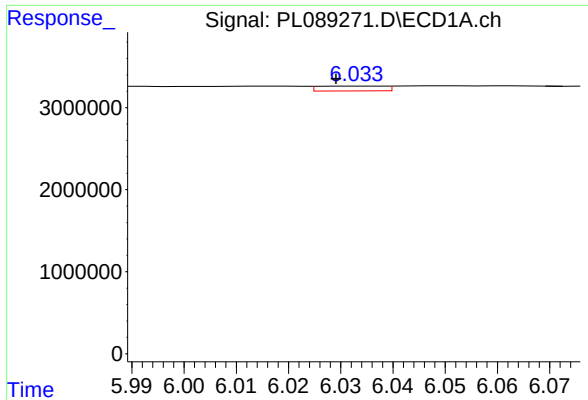
#10 gamma-Chlordane

R.T.: 5.924 min
Delta R.T.: -0.025 min
Response: 5808598
Conc: 2.54 ng/ml



#10 gamma-Chlordane

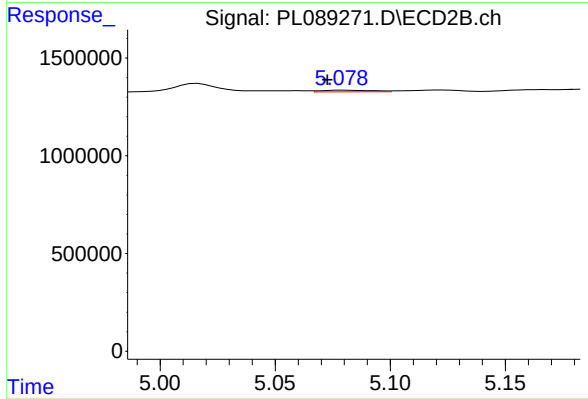
R.T.: 5.016 min
Delta R.T.: 0.008 min
Response: 670940
Conc: 0.41 ng/ml



#11 alpha-Chlordane

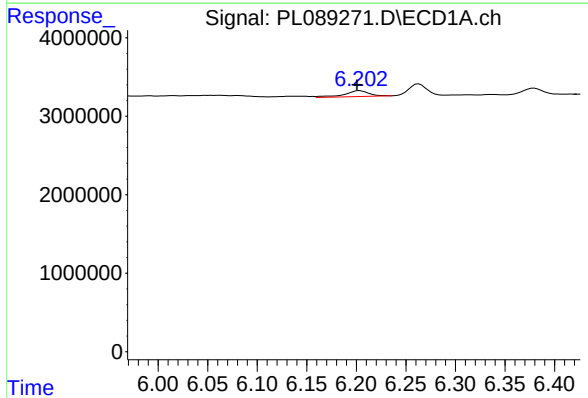
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 526641
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



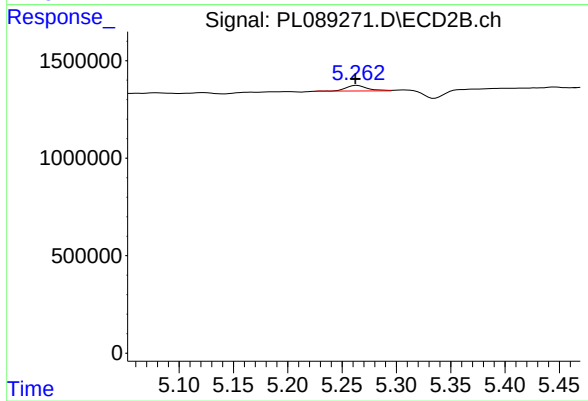
#11 alpha-Chlordane

R.T.: 5.079 min
Delta R.T.: 0.007 min
Response: 130082
Conc: 0.08 ng/ml



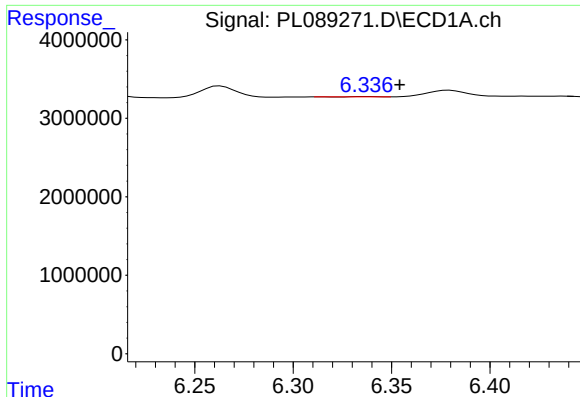
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 1266231
Conc: 0.63 ng/ml



#12 4,4'-DDE

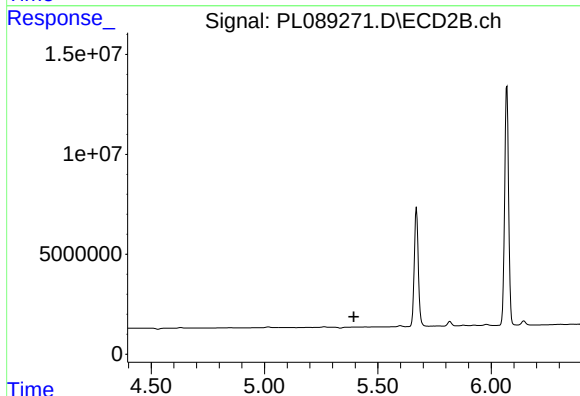
R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 398672
Conc: 0.27 ng/ml



#13 Dieldrin

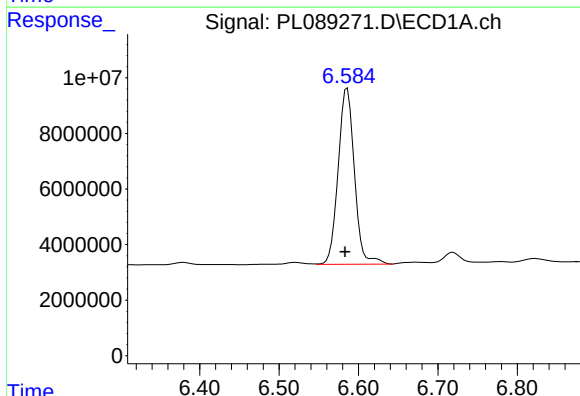
R.T.: 6.337 min
Delta R.T.: -0.017 min
Response: 24879
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



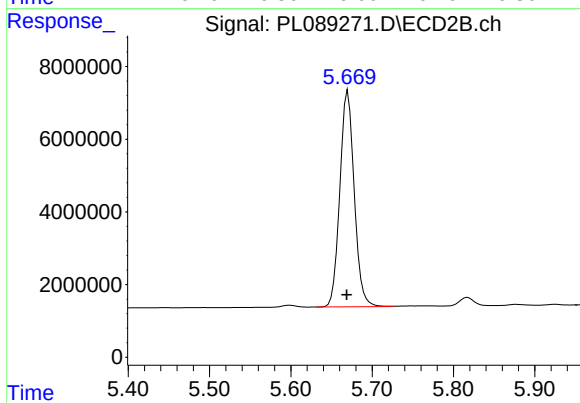
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.394 min
Response: 0
Conc: N.D.



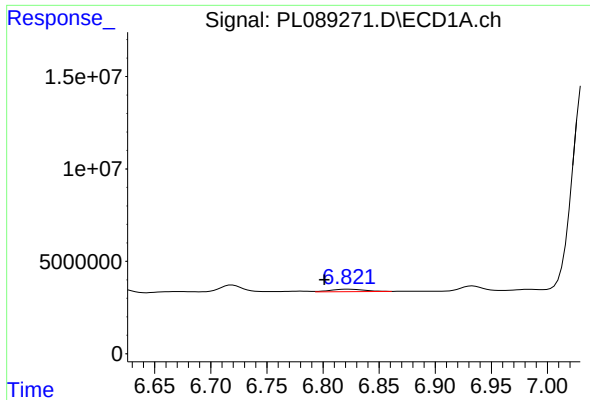
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 90227676
Conc: 47.63 ng/ml



#14 Endrin

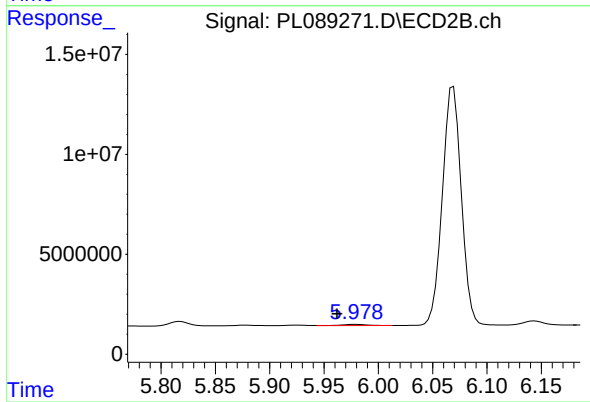
R.T.: 5.670 min
Delta R.T.: 0.002 min
Response: 72913067
Conc: 50.72 ng/ml



#15 Endosulfan II

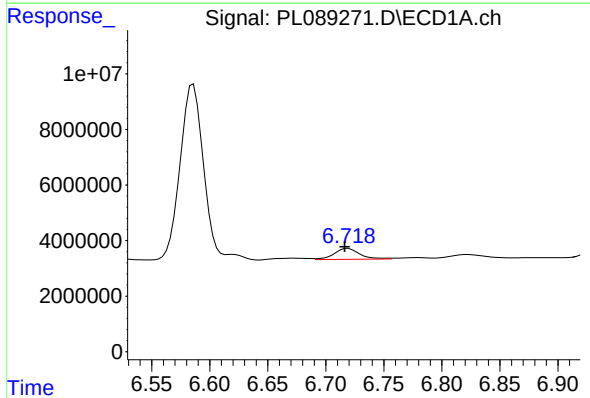
R.T.: 6.822 min
Delta R.T.: 0.021 min
Response: 2794142
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



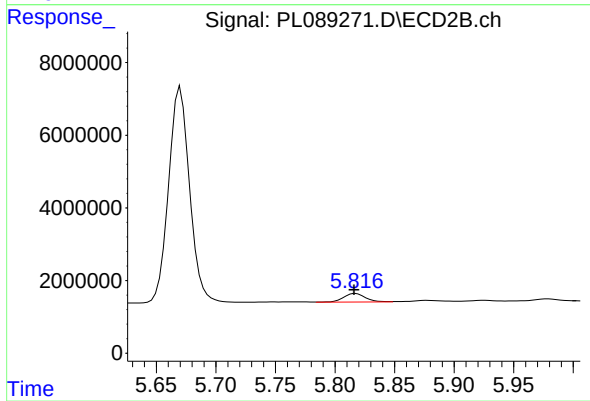
#15 Endosulfan II

R.T.: 5.979 min
Delta R.T.: 0.017 min
Response: 1017450
Conc: 0.71 ng/ml



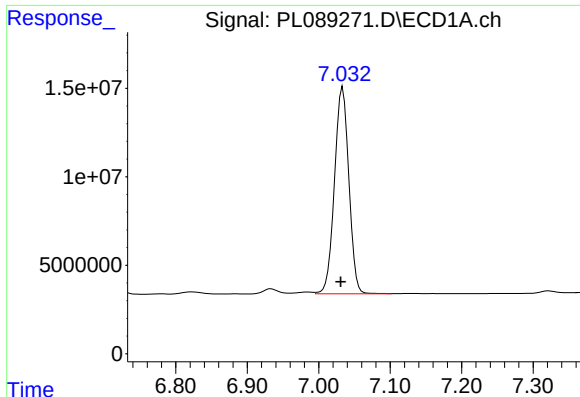
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 6023317
Conc: 3.57 ng/ml



#16 4,4'-DDD

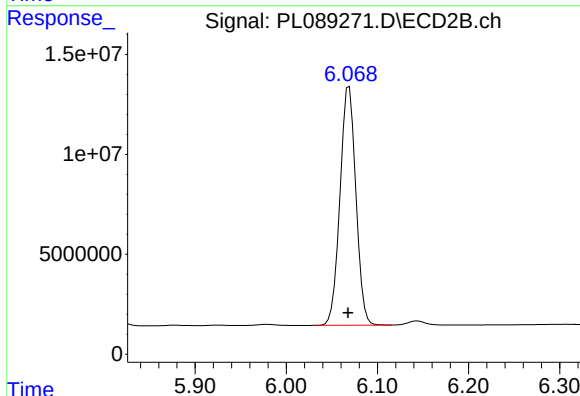
R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 2983472
Conc: 2.42 ng/ml



#17 4,4'-DDT

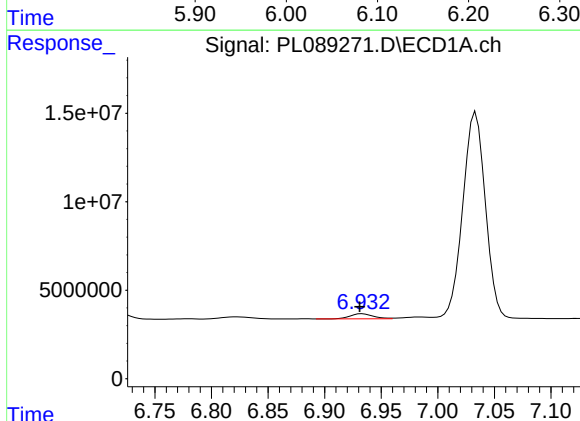
R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 163120965
Conc: 88.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



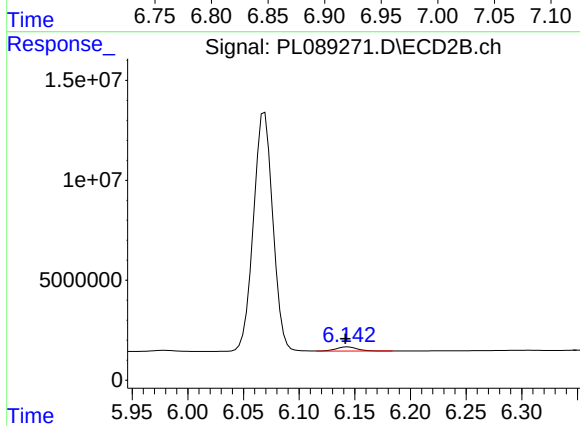
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 144670168
Conc: 106.93 ng/ml



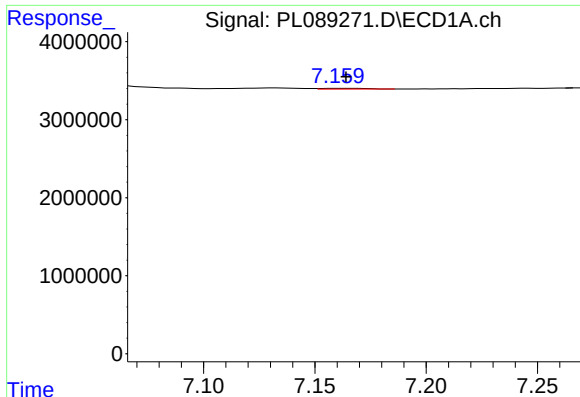
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 4066689
Conc: 2.69 ng/ml



#18 Endrin aldehyde

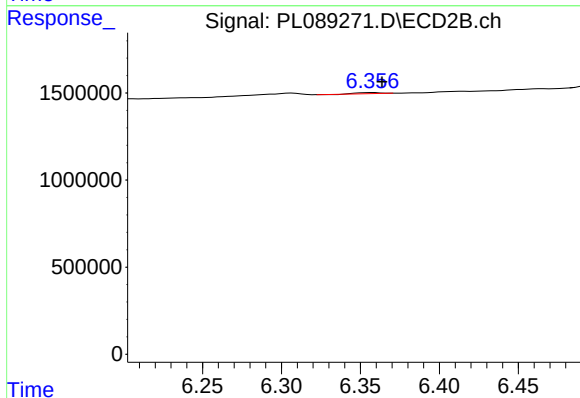
R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 2736981
Conc: 2.46 ng/ml



#19 Endosulfan Sulfate

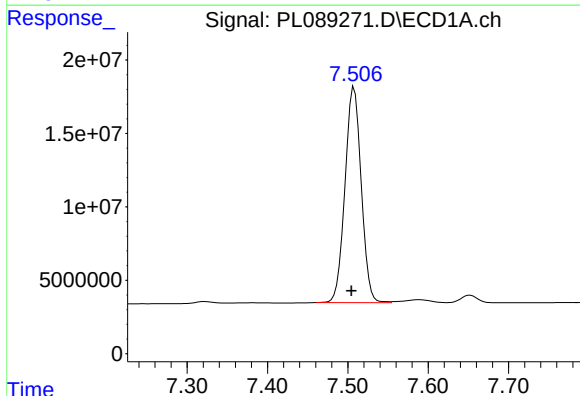
R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 138080
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



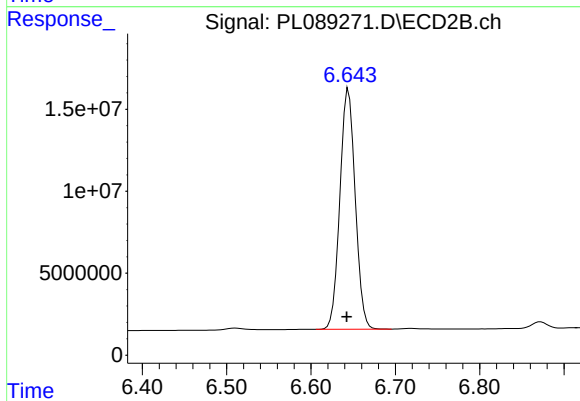
#19 Endosulfan Sulfate

R.T.: 6.358 min
Delta R.T.: -0.006 min
Response: 63177
Conc: 0.05 ng/ml



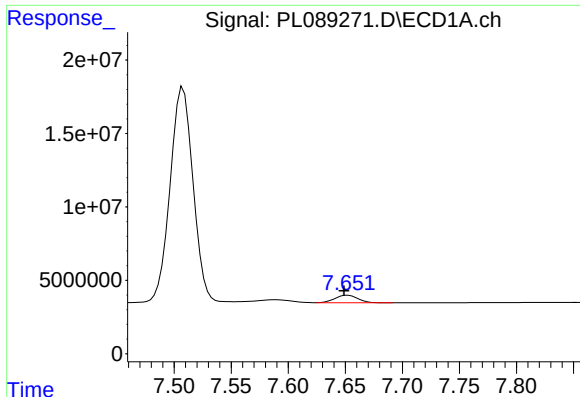
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 206243404
Conc: 209.72 ng/ml



#20 Methoxychlor

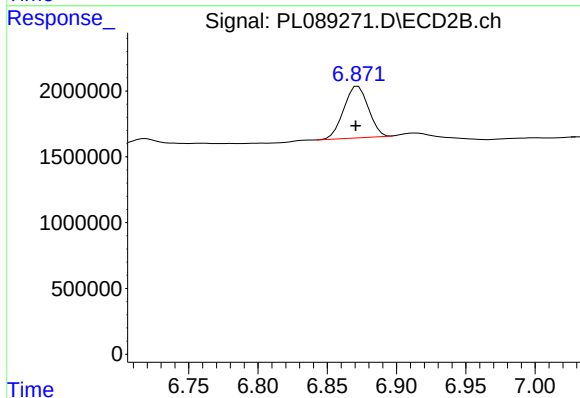
R.T.: 6.645 min
Delta R.T.: 0.002 min
Response: 185360014
Conc: 231.82 ng/ml



#21 Endrin ketone

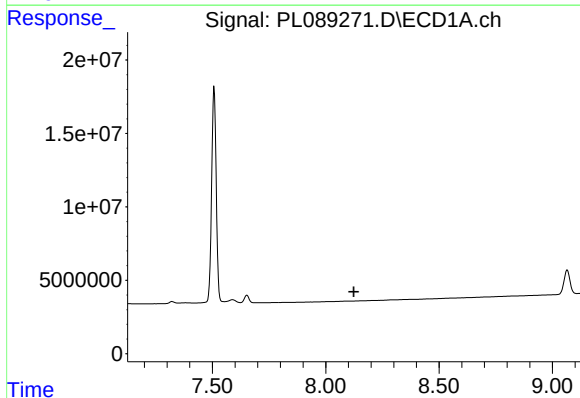
R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 7068170
Conc: 3.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



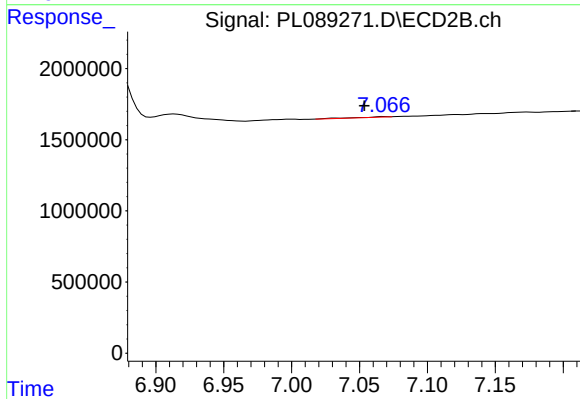
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.002 min
Response: 4847647
Conc: 3.03 ng/ml



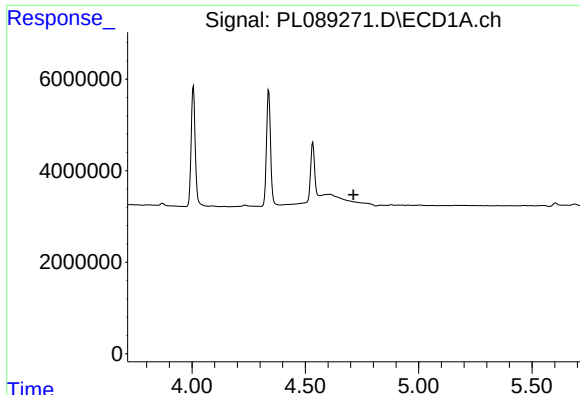
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.



#22 Mirex

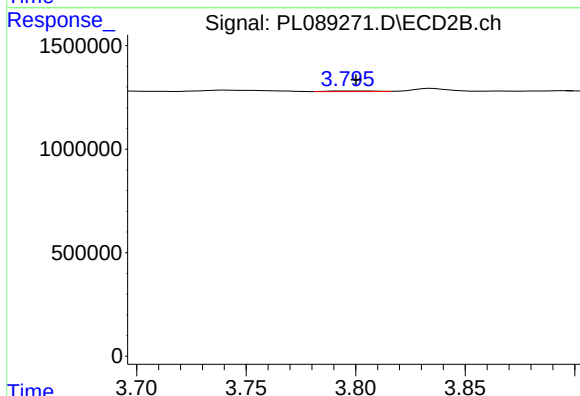
R.T.: 7.068 min
Delta R.T.: 0.015 min
Response: 52612
Conc: 0.04 ng/ml



#23 Chlordane-1

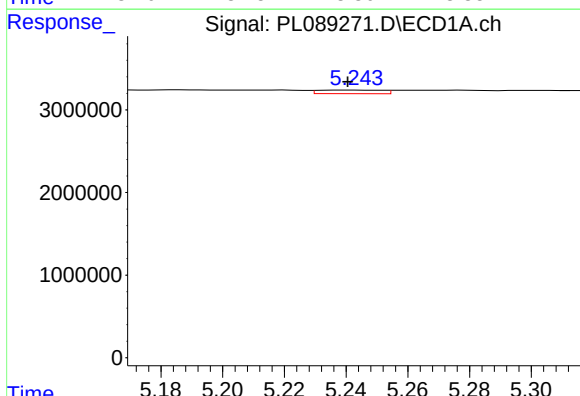
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



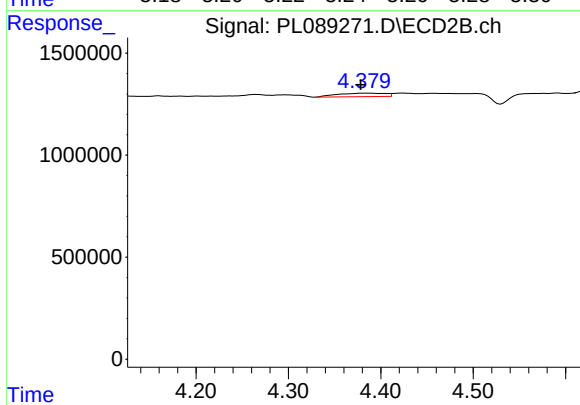
#23 Chlordane-1

R.T.: 3.796 min
Delta R.T.: -0.004 min
Response: 35134
Conc: 0.71 ng/ml



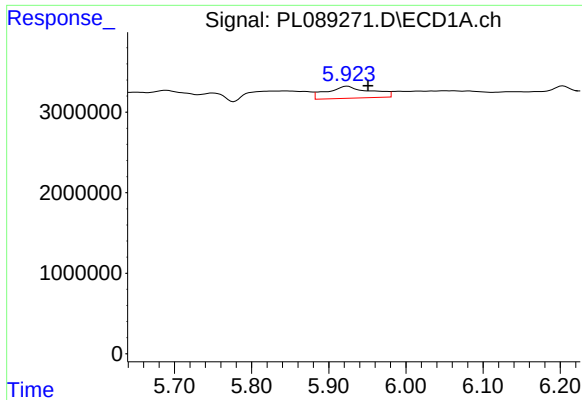
#24 Chlordane-2

R.T.: 5.243 min
Delta R.T.: 0.002 min
Response: 629399
Conc: 5.99 ng/ml



#24 Chlordane-2

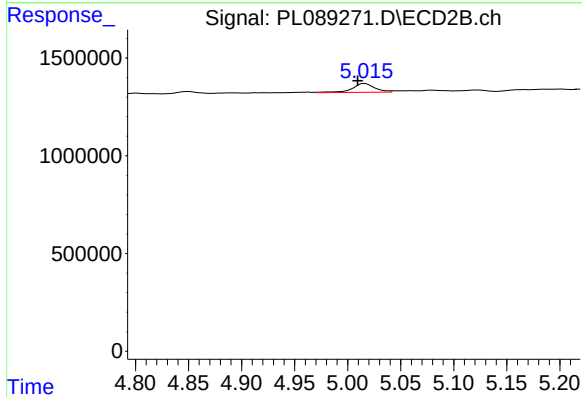
R.T.: 4.382 min
Delta R.T.: 0.004 min
Response: 623184
Conc: 9.80 ng/ml



#25 Chlordane-3

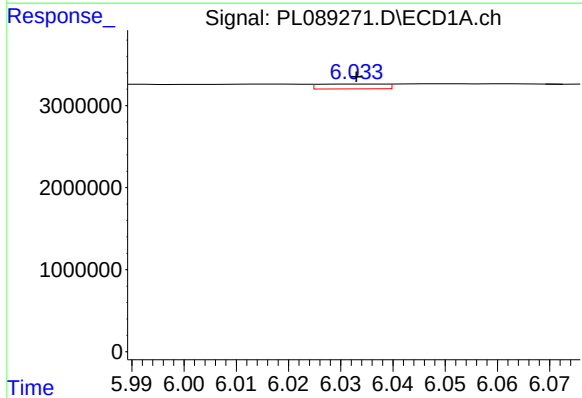
R.T.: 5.924 min
Delta R.T.: -0.026 min
Response: 5808598
Conc: 17.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



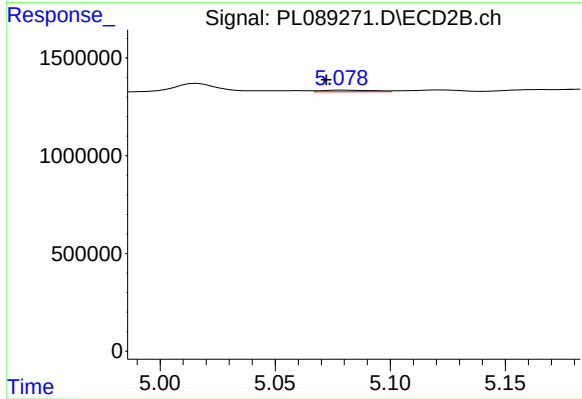
#25 Chlordane-3

R.T.: 5.016 min
Delta R.T.: 0.007 min
Response: 670940
Conc: 3.92 ng/ml



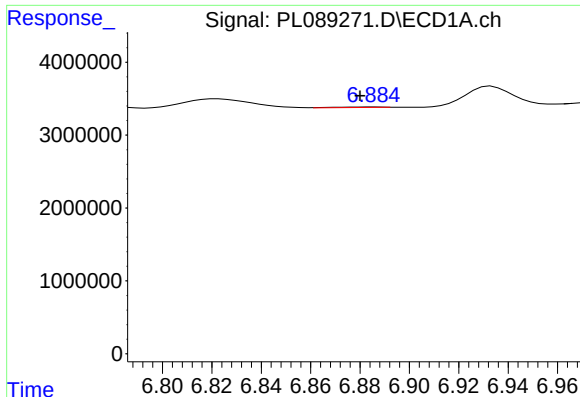
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 526641
Conc: 1.29 ng/ml



#26 Chlordane-4

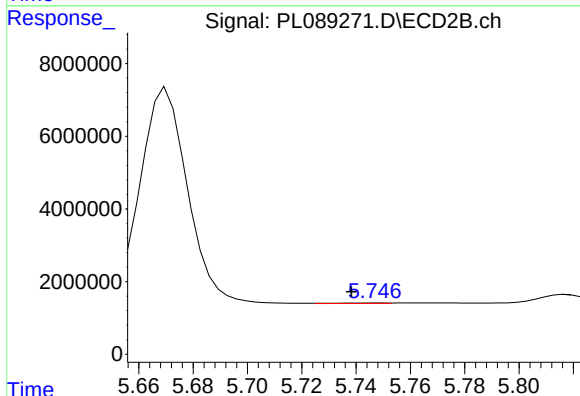
R.T.: 5.079 min
Delta R.T.: 0.007 min
Response: 130082
Conc: 0.81 ng/ml



#27 Chlordane-5

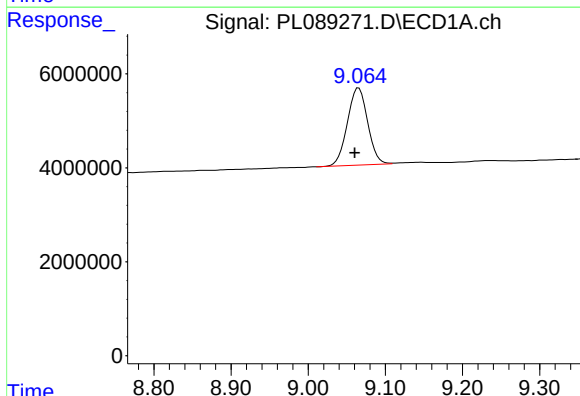
R.T.: 6.885 min
Delta R.T.: 0.005 min
Response: 172072
Conc: 2.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



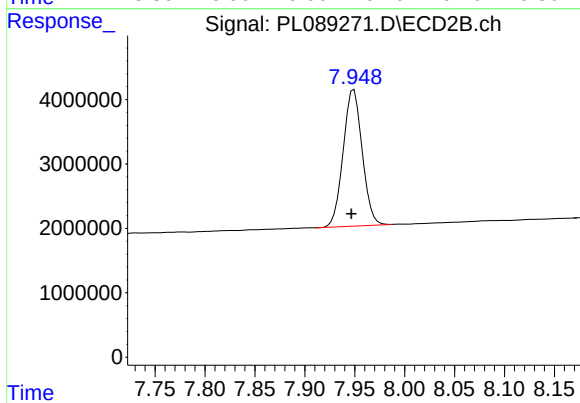
#27 Chlordane-5

R.T.: 5.748 min
Delta R.T.: 0.010 min
Response: 166170
Conc: 3.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 30007455
Conc: 21.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 28054085
Conc: 20.86 ng/ml