

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042524\
 Data File : PL089174.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2024 09:10
 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 25 22:53:38 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...	3.551	2.798	47558604	29569177	22.377	22.184
28)	SA Decachlor...	9.062	7.949	30514457	28899546	23.956	21.581
Target Compounds							
2)	A alpha-BHC	4.005	3.303	34498722	19678571	11.538	9.946
3)	MA gamma-BHC...	4.338	3.633	32910862	18890569	11.407	9.820
4)	MA Heptachlor	4.916	3.979	177161	16682	0.071	0.009 #
5)	MB Aldrin	5.264	4.267	3333273	2389179	1.284	1.302
6)	B beta-BHC	4.533	3.931	15650576	9785170	11.663	11.708
7)	B delta-BHC	4.770	4.159	213015	597190	0.080	0.327 #
8)	B Heptachlo...	5.689	4.766	18127640	20550	7.682	0.012 #
9)	A Endosulfan I	6.077	5.101f	5029268	1023066	2.300	0.681 #
10)	B gamma-Chl...	5.964	5.015	5834255	679783	2.538	0.414 #
11)	B alpha-Chl...	6.021	5.082	3635572	936935	1.588	0.567 #
12)	B 4,4'-DDE	6.202	5.264	11999525	503472	5.971	0.342 #
13)	MA Dieldrin	6.378f	5.406	11838518	128836	5.250	0.079 #
14)	MA Endrin	6.584	5.671	107.4E6	78906571	57.134	54.293
15)	B Endosulfa...	6.821f	5.979f	4268792	829145	2.216	0.580 #
16)	A 4,4'-DDD	6.717	5.817	12057982	2189643	7.481	1.808 #
17)	MA 4,4'-DDT	7.032	6.069	169.7E6	155.7E6	93.133	118.797 #
18)	B Endrin al...	6.932	6.144	4132693	2431417	2.824	2.212
19)	B Endosulfa...	7.159	6.356	225679	88002	0.131	0.065 #
20)	A Methoxychlor	7.507	6.645	220.2E6	197.2E6	249.903	263.855
21)	B Endrin ke...	7.650	6.872	7001020	4517859	3.630	2.854
22)	Mirex	8.125	7.069	60348	134573	0.041	0.102 #
23)	Chlordane-1	0.000	3.772f	0	11604	N.D.	0.226 #
24)	Chlordane-2	5.231	4.386	3126096	1016360	33.095	15.649 #
25)	Chlordane-3	5.964	5.015	5834255	679783	18.101	3.936 #
26)	Chlordane-4	6.021	5.082	3635572	936935	9.196	5.777 #
27)	Chlordane-5	0.000	5.749	0	45604	N.D.	0.905 #

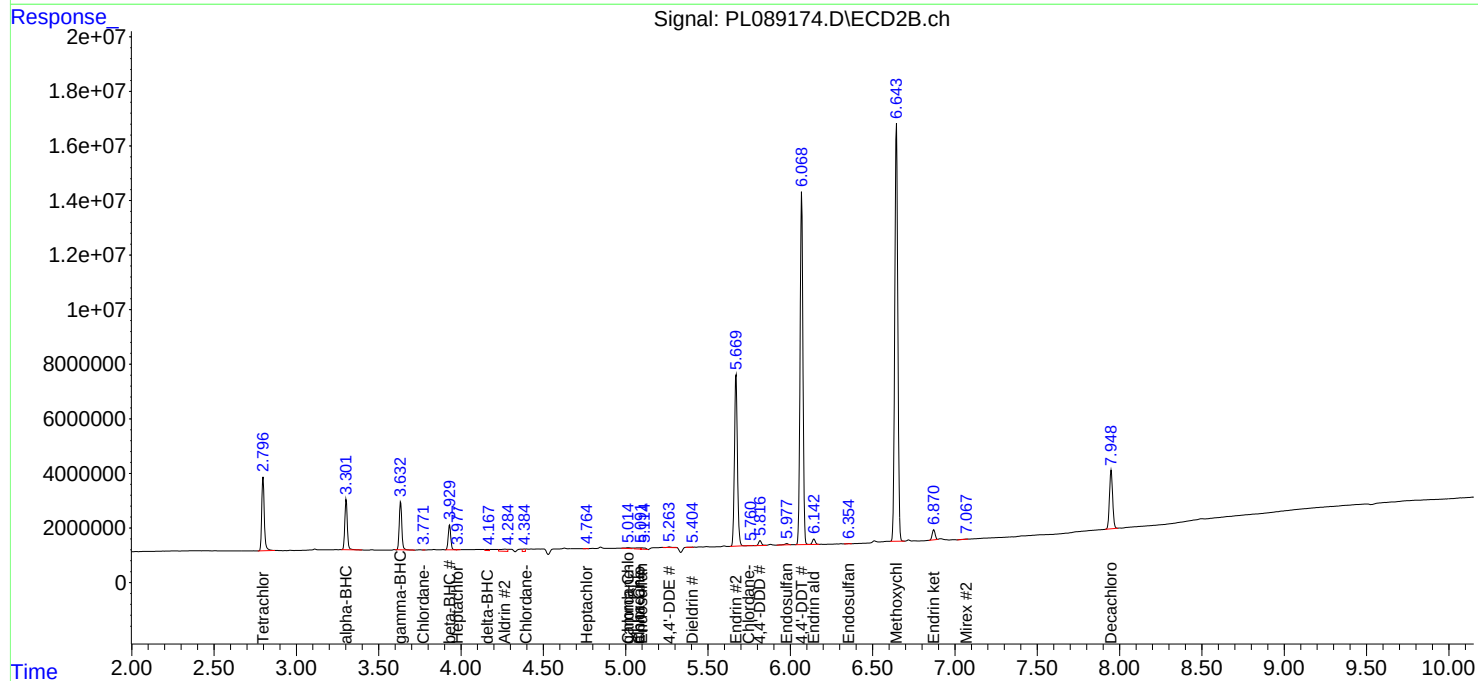
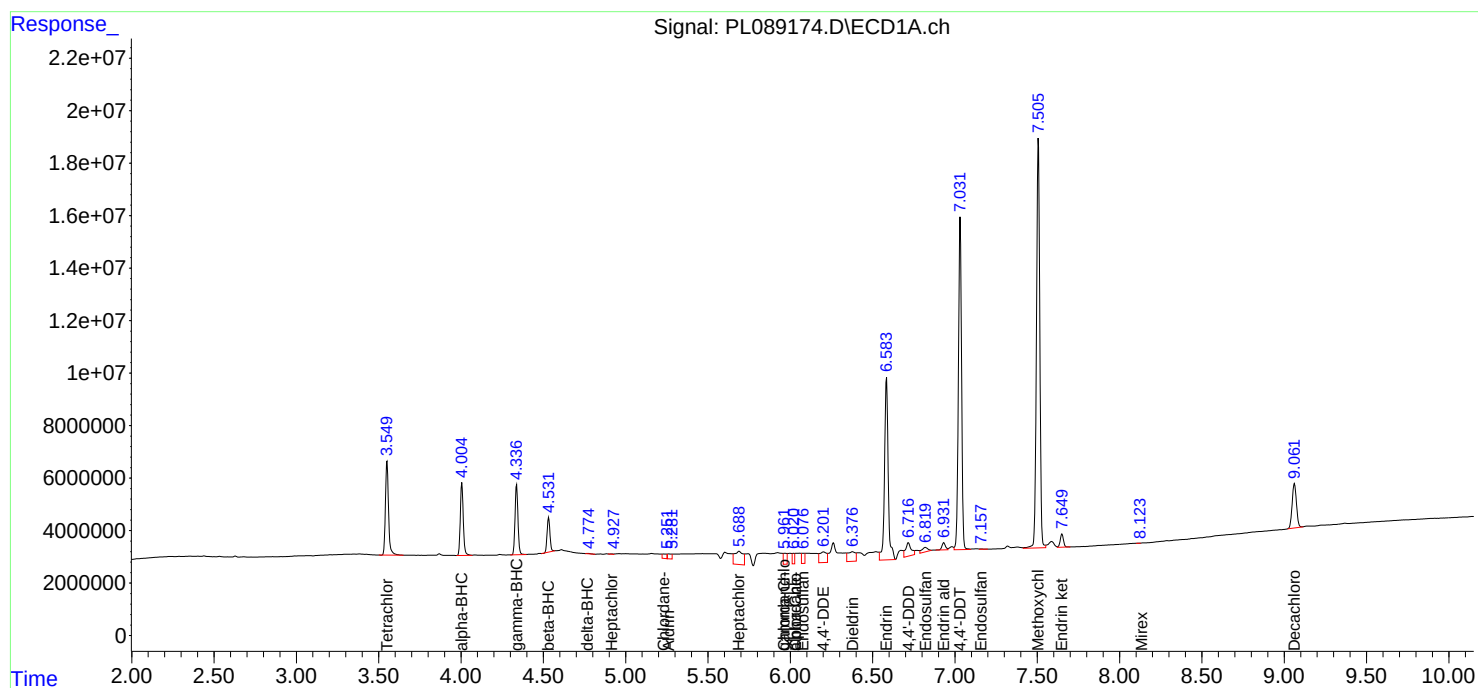
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

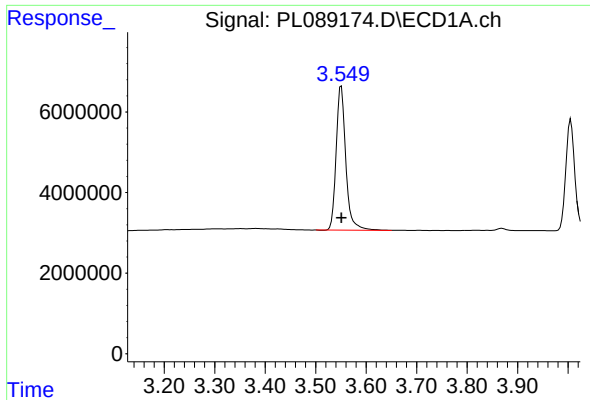
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042524\
Data File : PL089174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2024 09:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 22:53:38 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

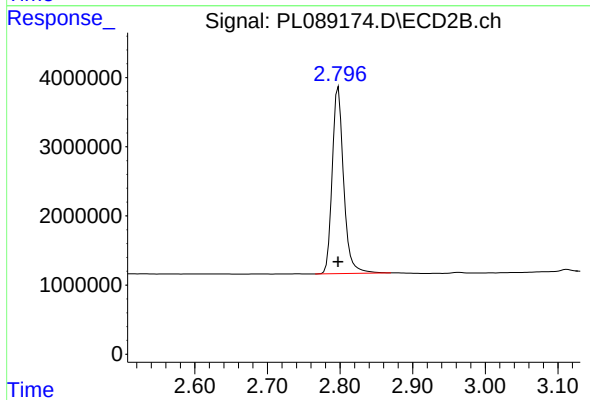




#1 Tetrachloro-m-xylene

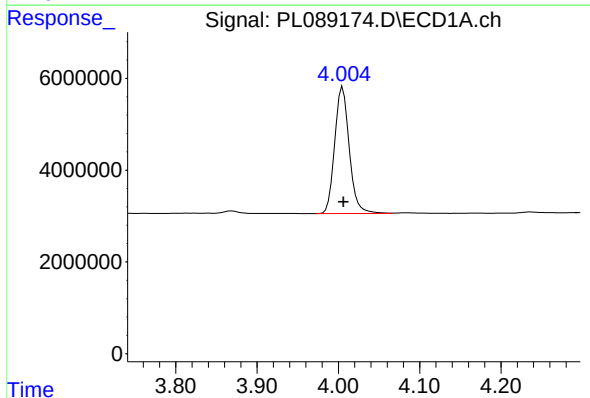
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 47558604
Conc: 22.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



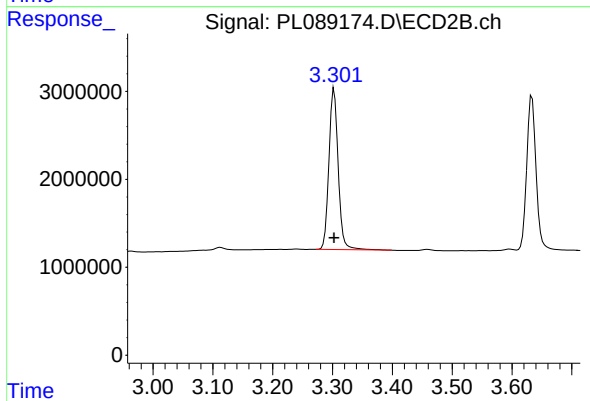
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 29569177
Conc: 22.18 ng/ml



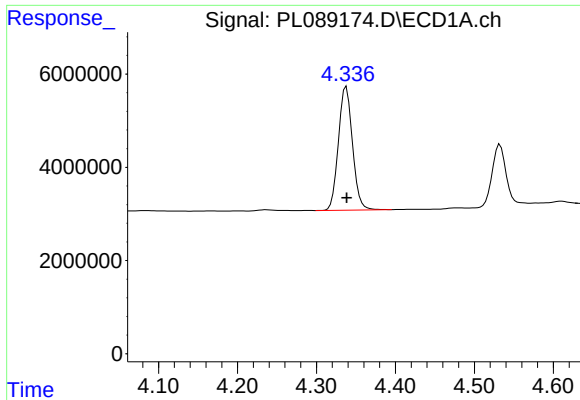
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 34498722
Conc: 11.54 ng/ml



#2 alpha-BHC

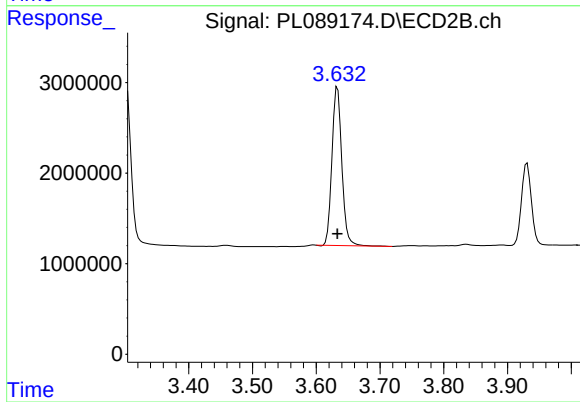
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 19678571
Conc: 9.95 ng/ml



#3 gamma-BHC (Lindane)

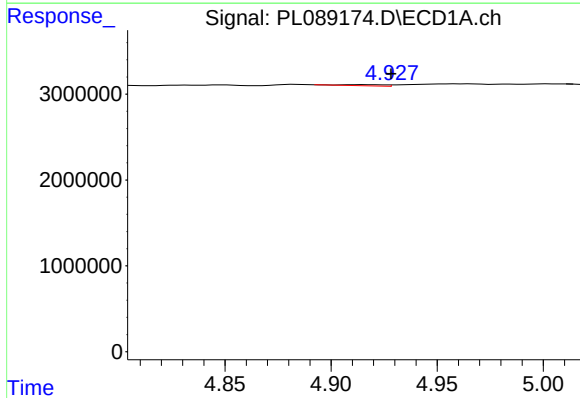
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 32910862
Conc: 11.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



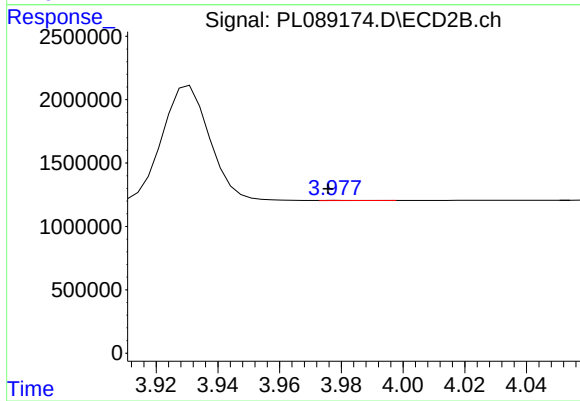
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 18890569
Conc: 9.82 ng/ml



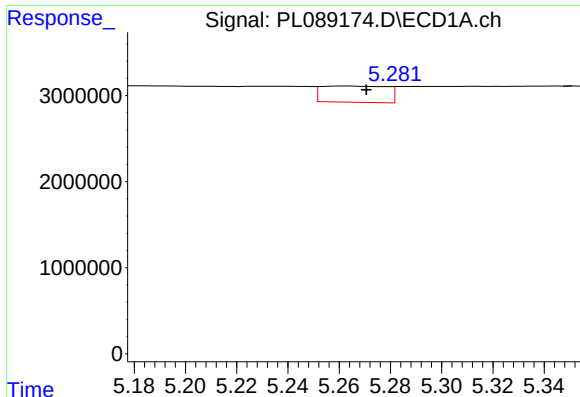
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.013 min
Response: 177161
Conc: 0.07 ng/ml



#4 Heptachlor

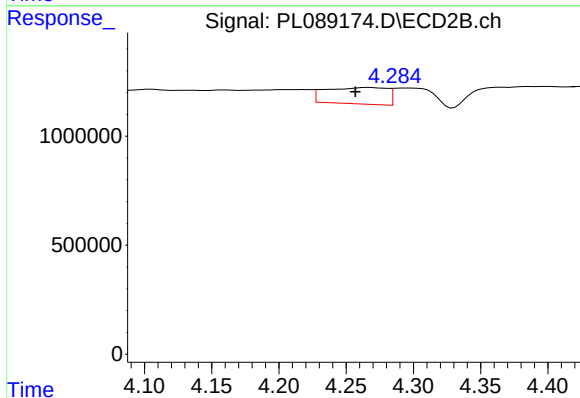
R.T.: 3.979 min
Delta R.T.: 0.003 min
Response: 16682
Conc: 0.01 ng/ml



#5 Aldrin

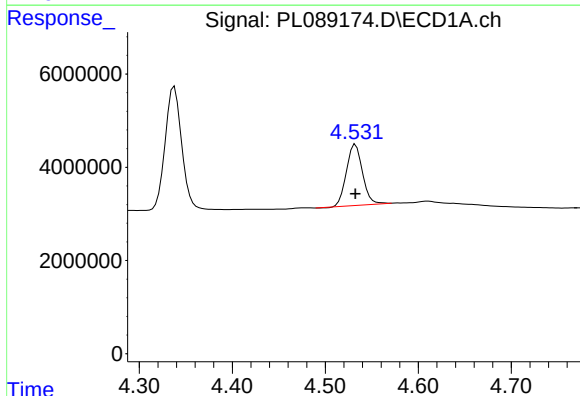
R.T.: 5.264 min
Delta R.T.: -0.007 min
Response: 3333273
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



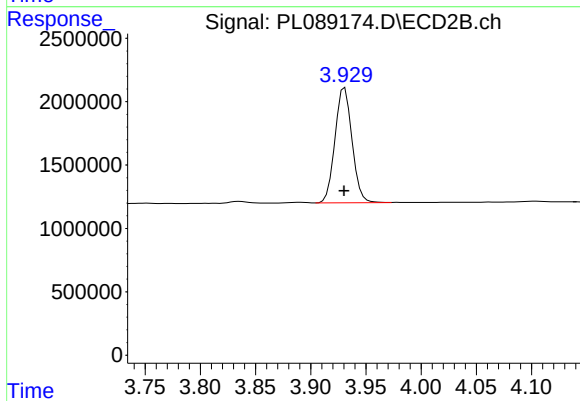
#5 Aldrin

R.T.: 4.267 min
Delta R.T.: 0.010 min
Response: 2389179
Conc: 1.30 ng/ml



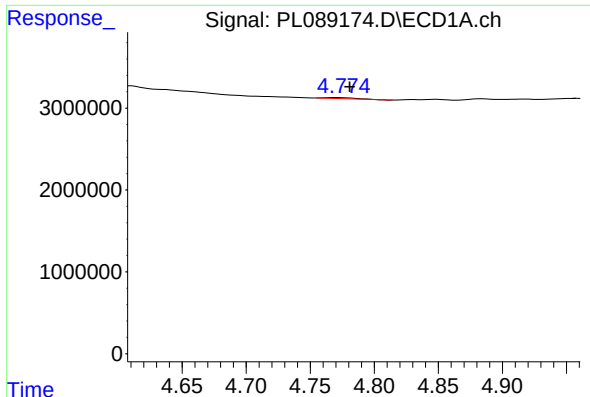
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 15650576
Conc: 11.66 ng/ml



#6 beta-BHC

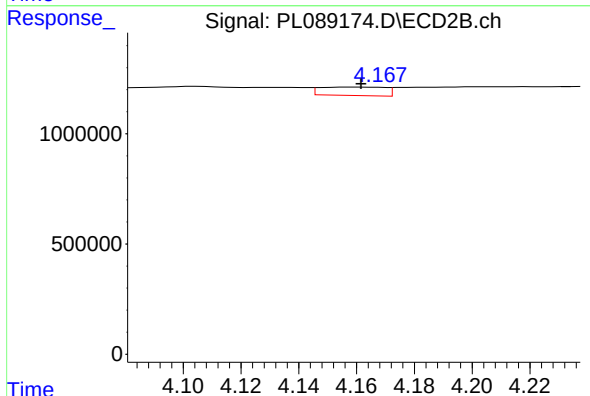
R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 9785170
Conc: 11.71 ng/ml



#7 delta-BHC

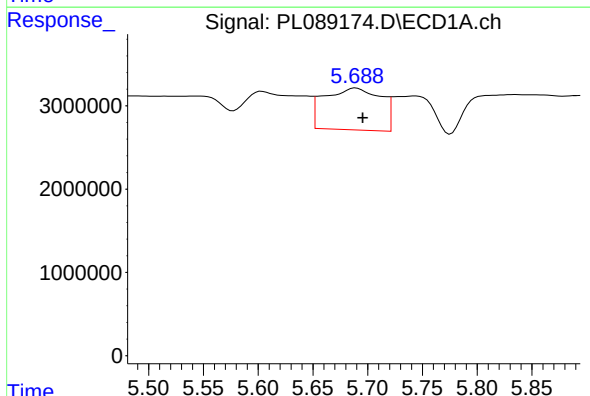
R.T.: 4.770 min
Delta R.T.: -0.011 min
Response: 213015
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



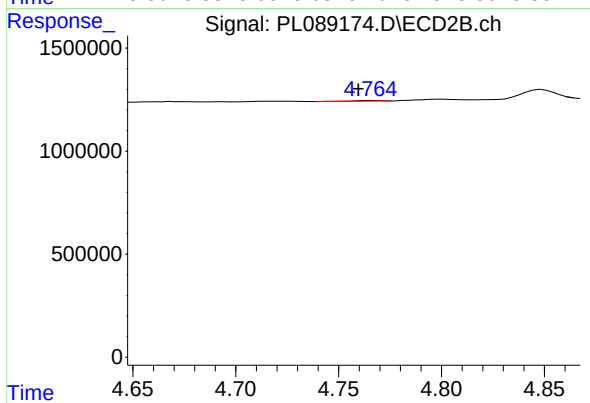
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.002 min
Response: 597190
Conc: 0.33 ng/ml



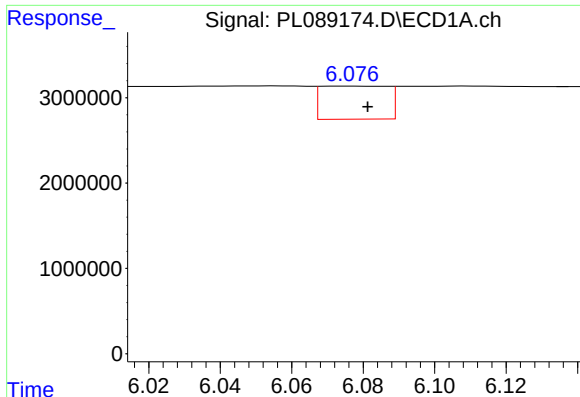
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.006 min
Response: 18127640
Conc: 7.68 ng/ml



#8 Heptachlor epoxide

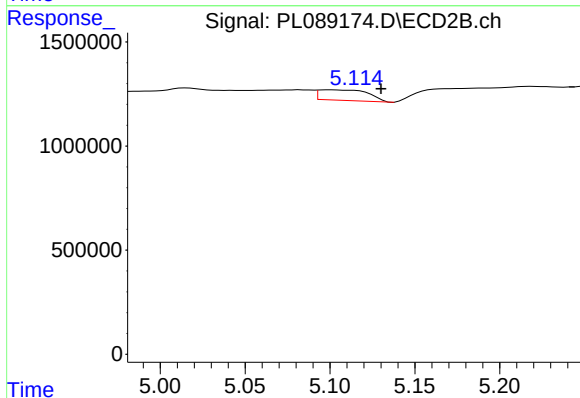
R.T.: 4.766 min
Delta R.T.: 0.006 min
Response: 20550
Conc: 0.01 ng/ml



#9 Endosulfan I

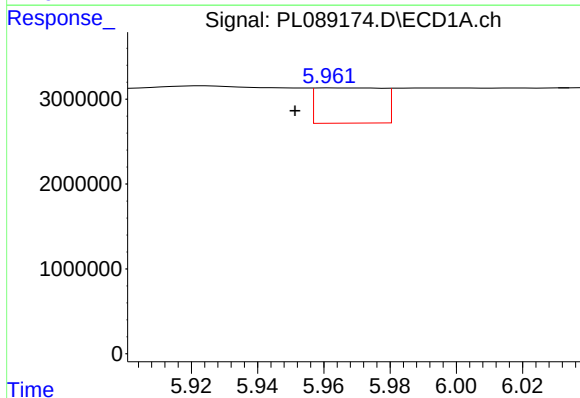
R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 5029268
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



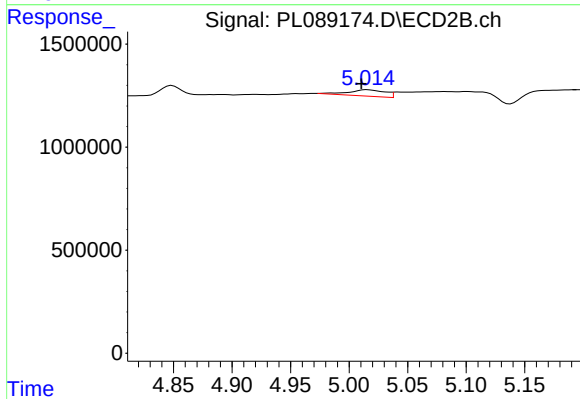
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: -0.029 min
Response: 1023066
Conc: 0.68 ng/ml



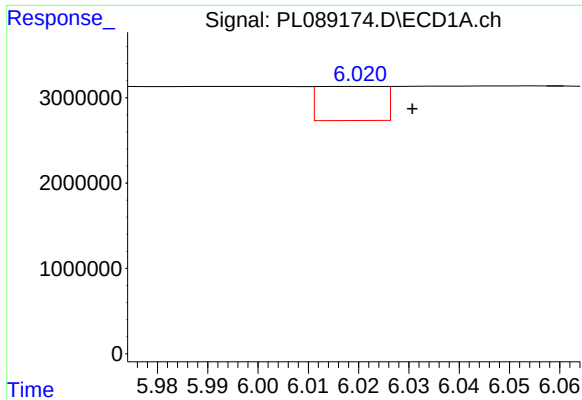
#10 gamma-Chlordane

R.T.: 5.964 min
Delta R.T.: 0.013 min
Response: 5834255
Conc: 2.54 ng/ml



#10 gamma-Chlordane

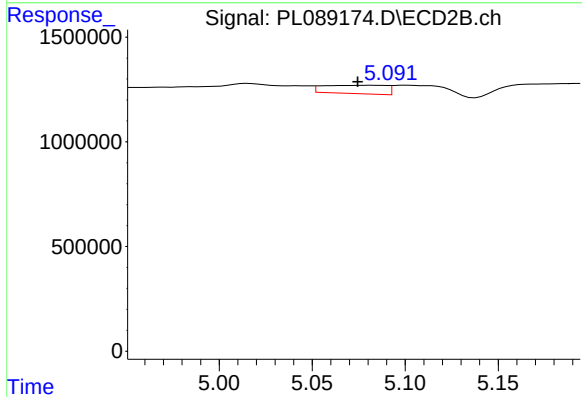
R.T.: 5.015 min
Delta R.T.: 0.005 min
Response: 679783
Conc: 0.41 ng/ml



#11 alpha-Chlordane

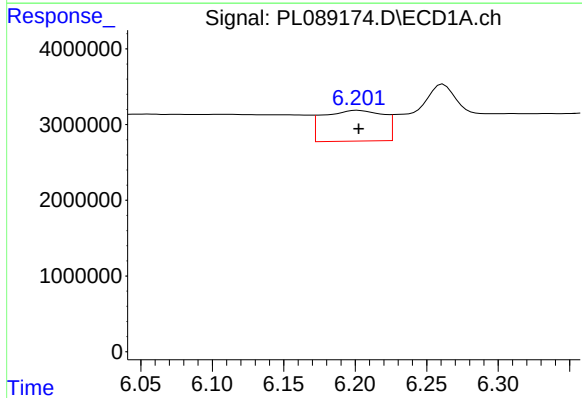
R.T.: 6.021 min
Delta R.T.: -0.010 min
Response: 3635572
Conc: 1.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



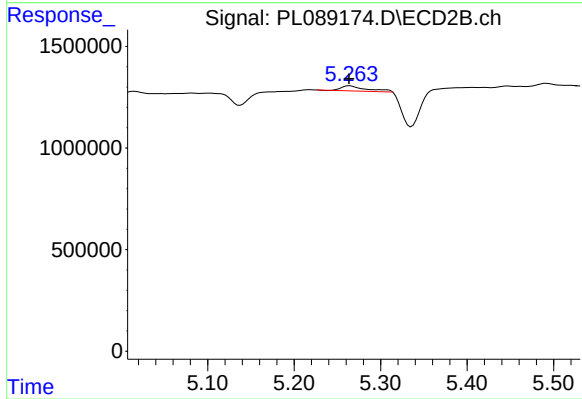
#11 alpha-Chlordane

R.T.: 5.082 min
Delta R.T.: 0.007 min
Response: 936935
Conc: 0.57 ng/ml



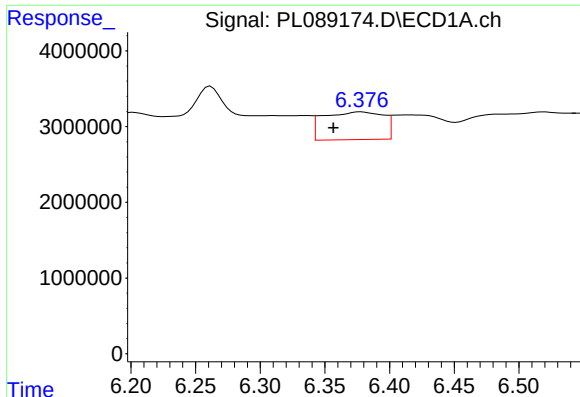
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 11999525
Conc: 5.97 ng/ml



#12 4,4'-DDE

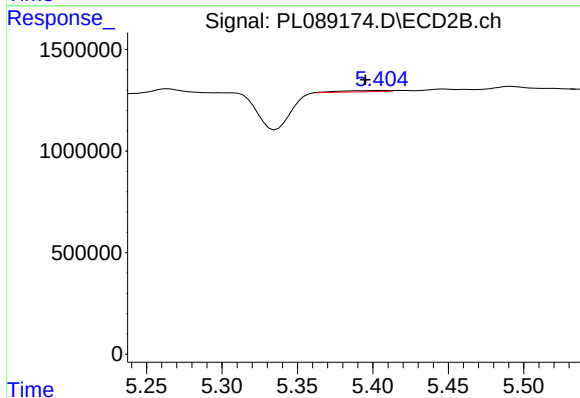
R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 503472
Conc: 0.34 ng/ml



#13 Dieldrin

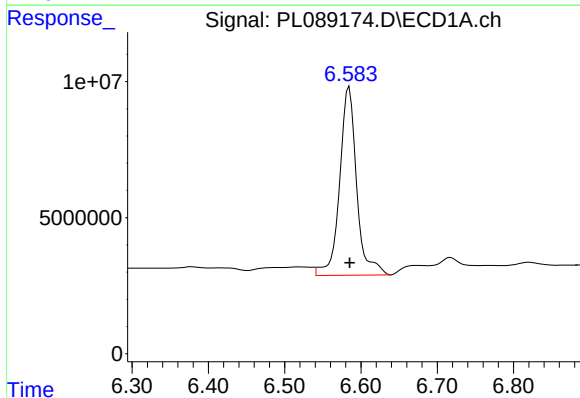
R.T.: 6.378 min
Delta R.T.: 0.021 min
Response: 11838518
Conc: 5.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



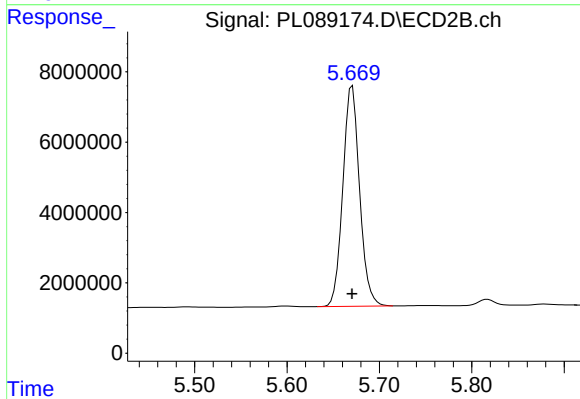
#13 Dieldrin

R.T.: 5.406 min
Delta R.T.: 0.011 min
Response: 128836
Conc: 0.08 ng/ml



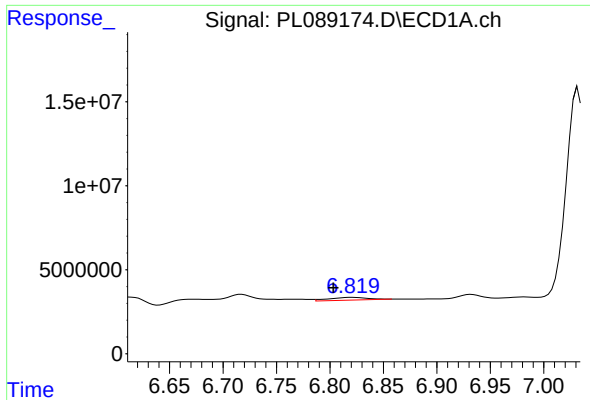
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 107376367
Conc: 57.13 ng/ml



#14 Endrin

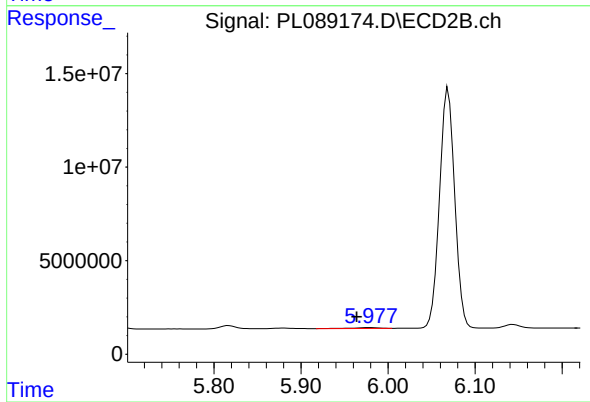
R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 78906571
Conc: 54.29 ng/ml



#15 Endosulfan II

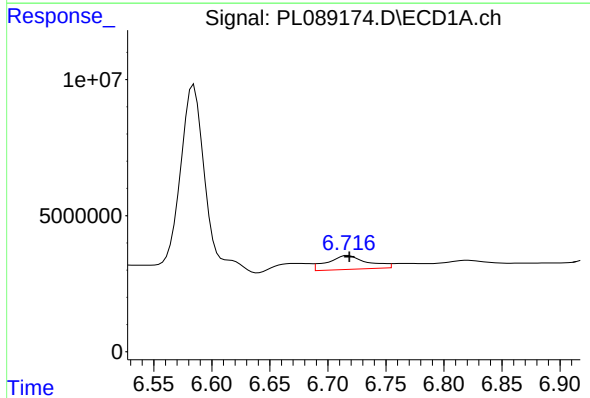
R.T.: 6.821 min
Delta R.T.: 0.017 min
Response: 4268792
Conc: 2.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



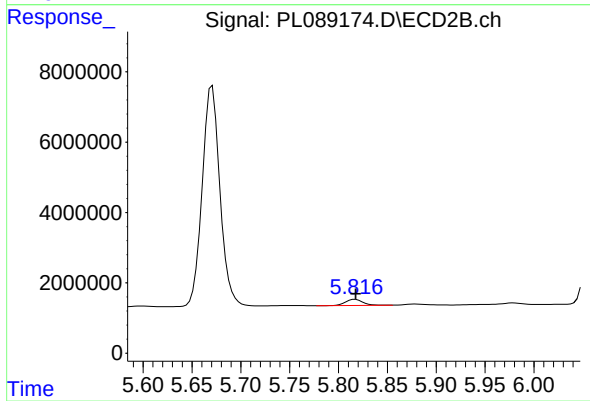
#15 Endosulfan II

R.T.: 5.979 min
Delta R.T.: 0.015 min
Response: 829145
Conc: 0.58 ng/ml



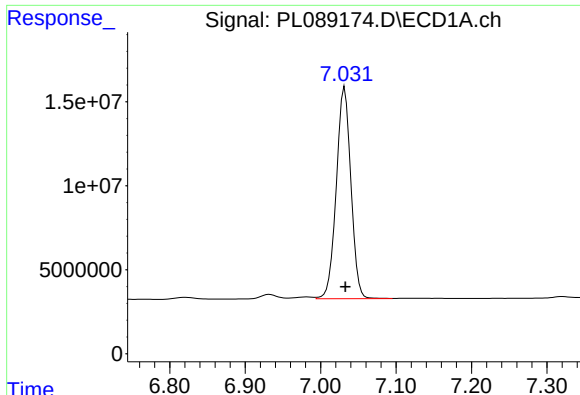
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.001 min
Response: 12057982
Conc: 7.48 ng/ml



#16 4,4'-DDD

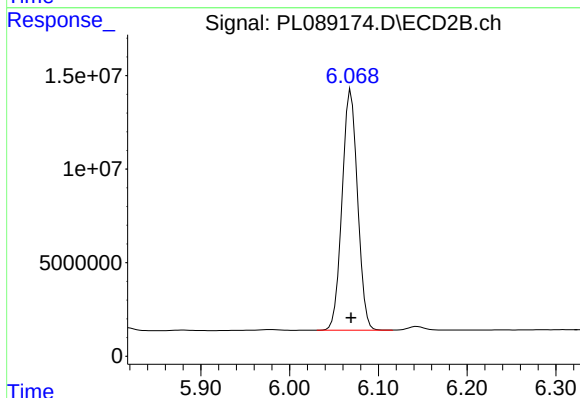
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 2189643
Conc: 1.81 ng/ml



#17 4,4'-DDT

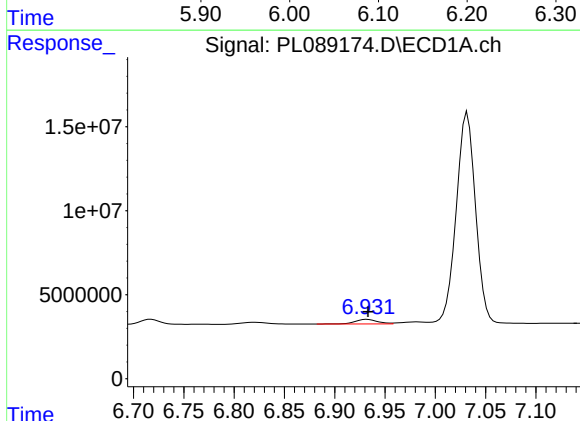
R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 169710605
Conc: 93.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



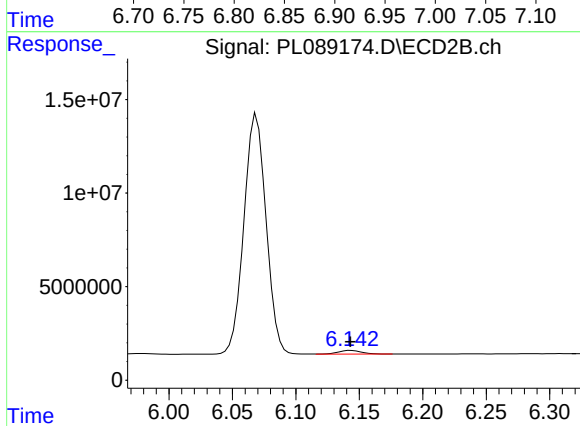
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 155713601
Conc: 118.80 ng/ml



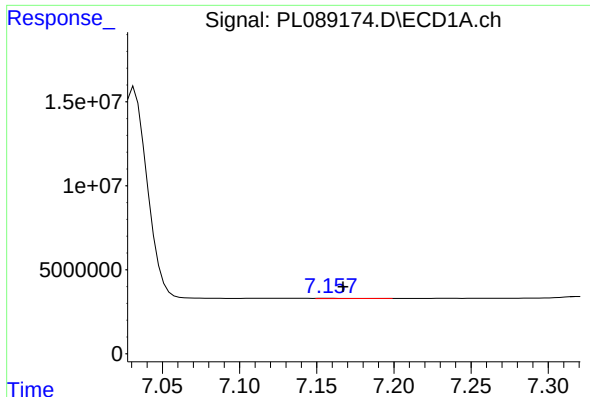
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 4132693
Conc: 2.82 ng/ml



#18 Endrin aldehyde

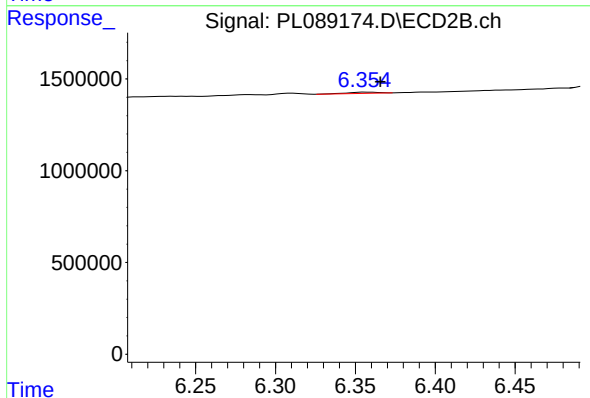
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 2431417
Conc: 2.21 ng/ml



#19 Endosulfan Sulfate

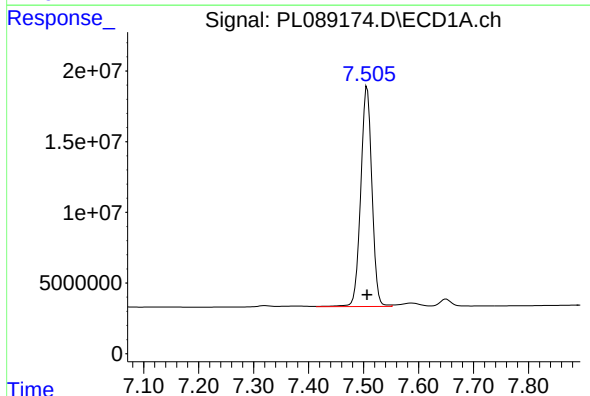
R.T.: 7.159 min
Delta R.T.: -0.008 min
Response: 225679
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



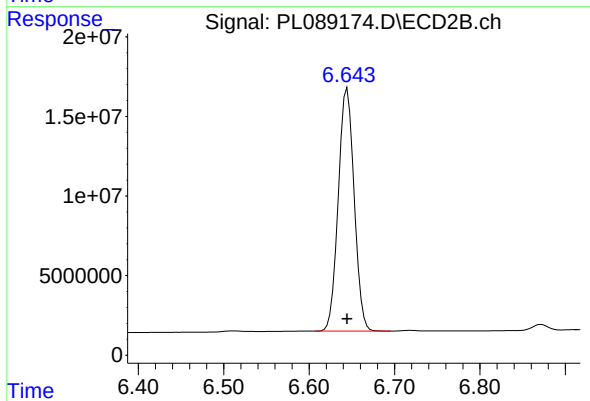
#19 Endosulfan Sulfate

R.T.: 6.356 min
Delta R.T.: -0.009 min
Response: 88002
Conc: 0.07 ng/ml



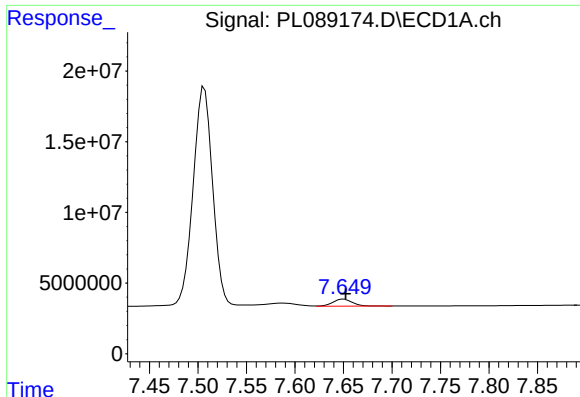
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 220193660
Conc: 249.90 ng/ml



#20 Methoxychlor

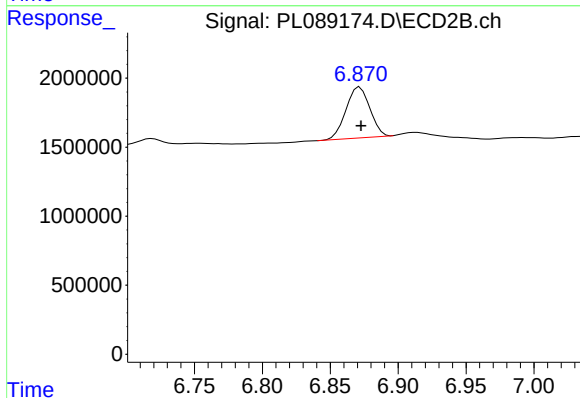
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 197212000
Conc: 263.85 ng/ml



#21 Endrin ketone

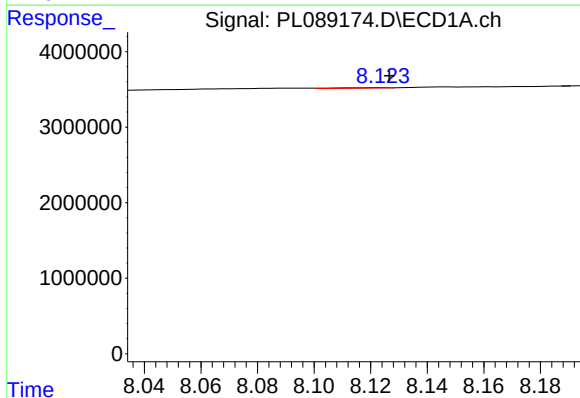
R.T.: 7.650 min
Delta R.T.: -0.002 min
Response: 7001020
Conc: 3.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



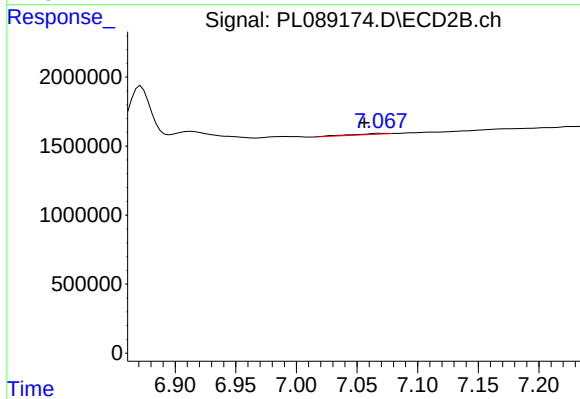
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4517859
Conc: 2.85 ng/ml



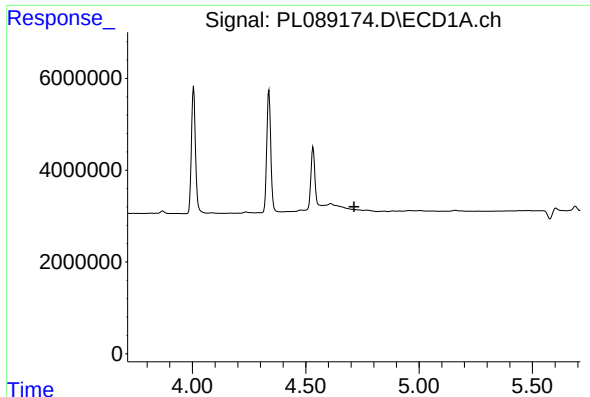
#22 Mirex

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 60348
Conc: 0.04 ng/ml



#22 Mirex

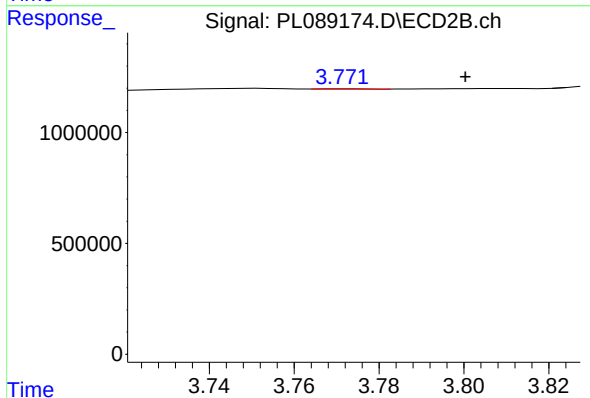
R.T.: 7.069 min
Delta R.T.: 0.013 min
Response: 134573
Conc: 0.10 ng/ml



#23 Chlordane-1

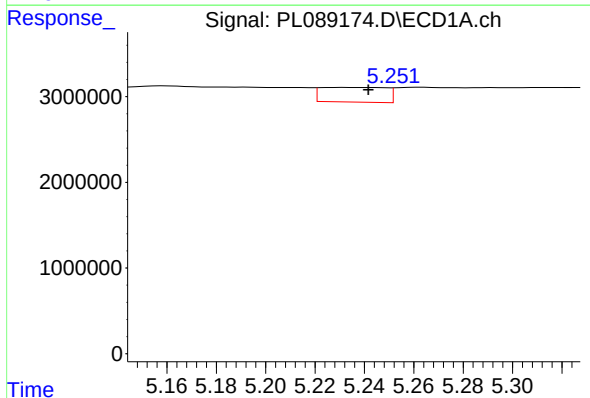
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



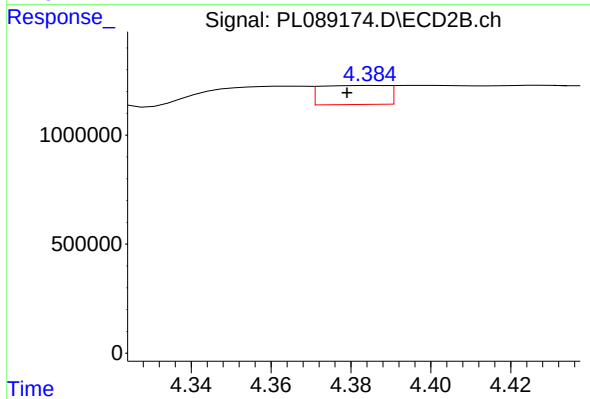
#23 Chlordane-1

R.T.: 3.772 min
Delta R.T.: -0.028 min
Response: 11604
Conc: 0.23 ng/ml



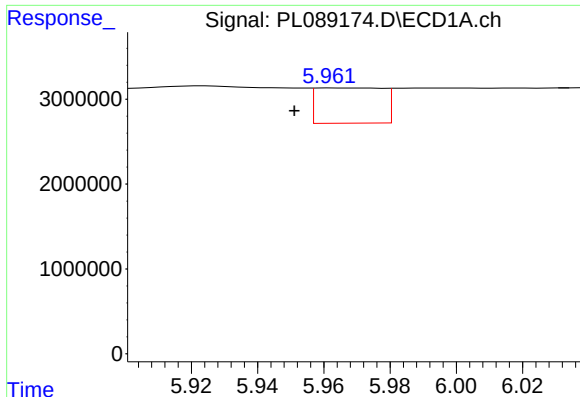
#24 Chlordane-2

R.T.: 5.231 min
Delta R.T.: -0.010 min
Response: 3126096
Conc: 33.10 ng/ml



#24 Chlordane-2

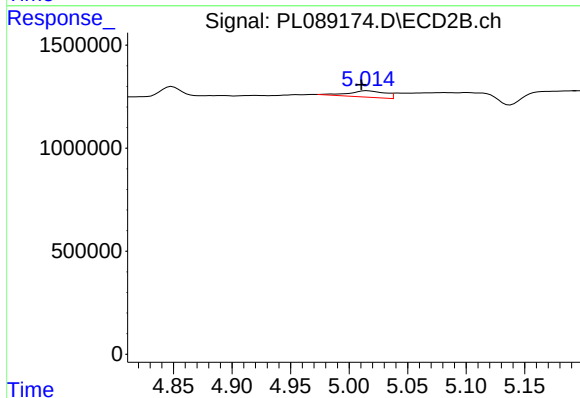
R.T.: 4.386 min
Delta R.T.: 0.007 min
Response: 1016360
Conc: 15.65 ng/ml



#25 Chlordane-3

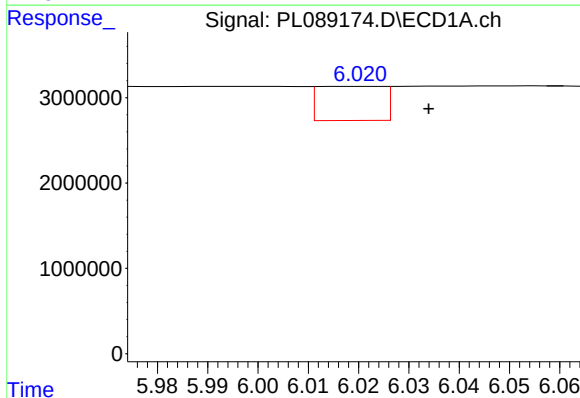
R.T.: 5.964 min
Delta R.T.: 0.013 min
Response: 5834255
Conc: 18.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



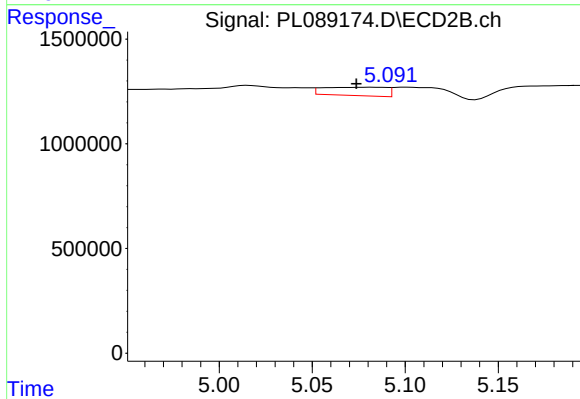
#25 Chlordane-3

R.T.: 5.015 min
Delta R.T.: 0.005 min
Response: 679783
Conc: 3.94 ng/ml



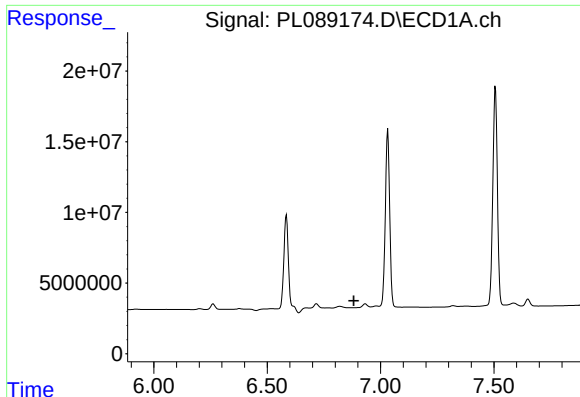
#26 Chlordane-4

R.T.: 6.021 min
Delta R.T.: -0.013 min
Response: 3635572
Conc: 9.20 ng/ml



#26 Chlordane-4

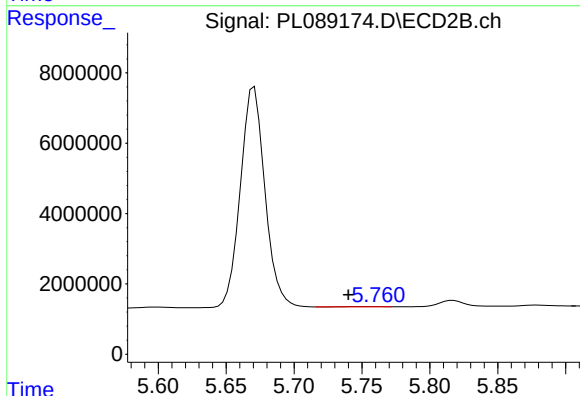
R.T.: 5.082 min
Delta R.T.: 0.008 min
Response: 936935
Conc: 5.78 ng/ml



#27 Chlordane-5

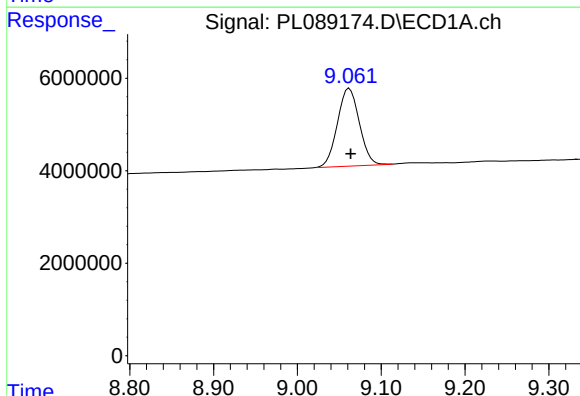
R.T.: 0.000 min
Exp R.T.: 6.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



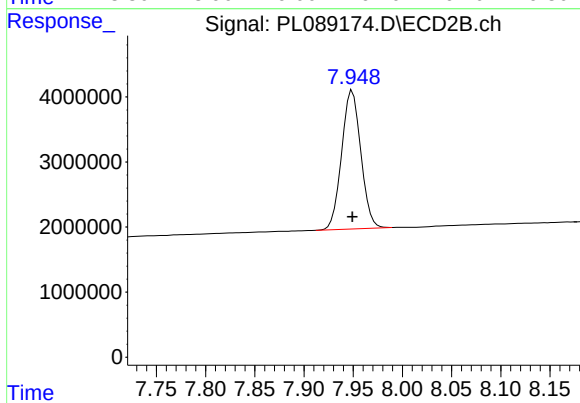
#27 Chlordane-5

R.T.: 5.749 min
Delta R.T.: 0.009 min
Response: 45604
Conc: 0.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 30514457
Conc: 23.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 28899546
Conc: 21.58 ng/ml