Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071724\
Data File : PL090553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2024 16:44
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: Jul 18 01:19:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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...	3.547	2.790	43332902	36282320	20.811	21.559	
28)	SA Decachlor...	9.059	7.932	29179892	32575734	21.959	22.341	
	Target Compounds							
2)	A alpha-BHC	4.002	3.293	32538650	25102103	10.965	10.389	
3)	MA gamma-BHC...	4.334	3.623	30247264	22617266	10.801	9.808	
4)	MA Heptachlor	4.917	0.000	369664	0	0.145	N.D.	#
5)	MB Aldrin	5.259	4.253	1281074	1328386	0.513	0.624	
6)	B beta-BHC	4.530	3.921	14681815	11534082	11.574	11.174	
7)	B delta-BHC	4.761f	4.150	3337279	794421	1.245	0.361	#
8)	B Heptachlo...	5.685	4.756	5261984	54518	2.239	0.028	#
9)	A Endosulfan I	6.085	5.117	1089918	78346	0.510	0.043	#
10)	B gamma-Chl...	5.926f	5.000	2686998	221858	1.156	0.109	#
11)	B alpha-Chl...	6.028	5.059	830244	129490	0.362	0.064	#
12)	B 4,4'-DDE	6.199	5.250	900157	1706248	0.445	0.955	#
13)	MA Dieldrin	6.335f	5.367f	228711	336484	0.103	0.172	#
14)	MA Endrin	6.581	5.656	89970019	85884743	48.938	49.901	
15)	B Endosulfa...	6.818f	5.965	2053008	781882	1.044	0.458	#
16)	A 4,4'-DDD	6.714	5.804	8758124	5019670	5.188	3.350	#
17)	MA 4,4'-DDT	7.029	6.055	161.2E6	171.3E6	95.747	116.948	
18)	B Endrin al...	6.928	6.130	2856696	3079870	1.926	2.357	
19)	B Endosulfa...	7.156	6.348	103163	84615	0.059	0.052	
20)	A Methoxychlor	7.503	6.630	209.3E6	216.3E6	237.092	267.538	
21)	B Endrin ke...	7.647	6.858	7129025	6024291	3.734	3.296	
22)	Mirex	8.124	7.033	66433	86380	0.047	0.058	
23)	Chlordane-1	0.000	3.794	0	159504	N.D.	2.576	#
24)	Chlordane-2	5.226	4.374	541333	940045	5.289	12.395	#
25)	Chlordane-3	5.969f	5.000	806602	221858	2.436	1.073	#
26)	Chlordane-4	6.028	5.059	830244	129490	2.084	0.662	#
27)	Chlordane-5	6.873	5.753f	-57781	476626	N.D.	7.907	

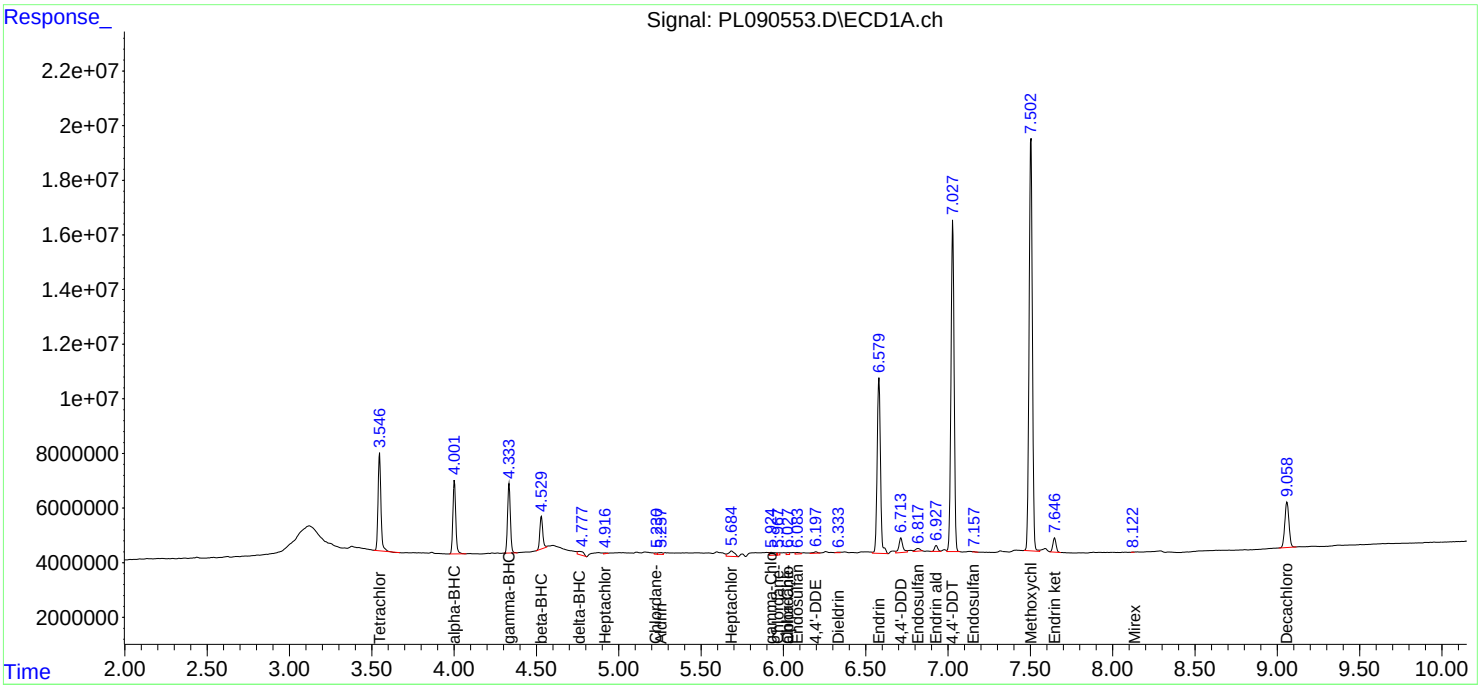
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

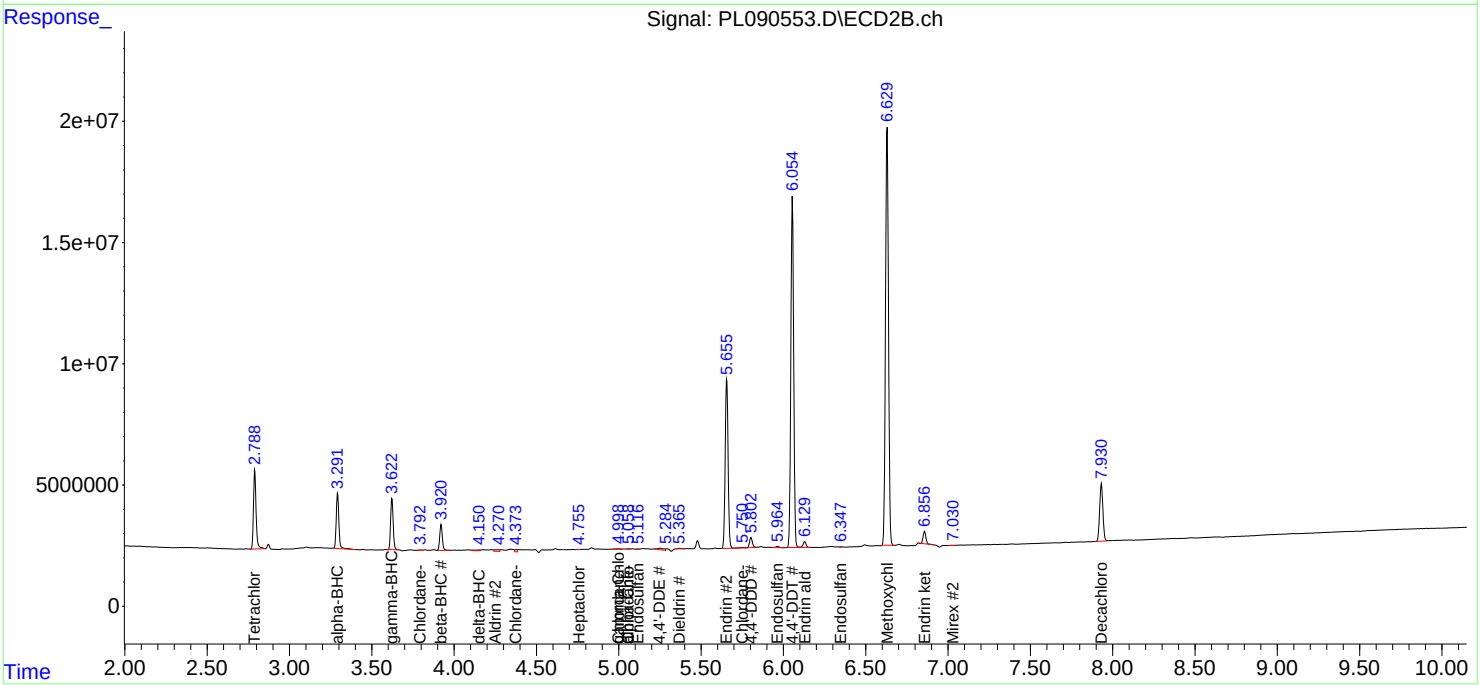
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071724\
Data File : PL090553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2024 16:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

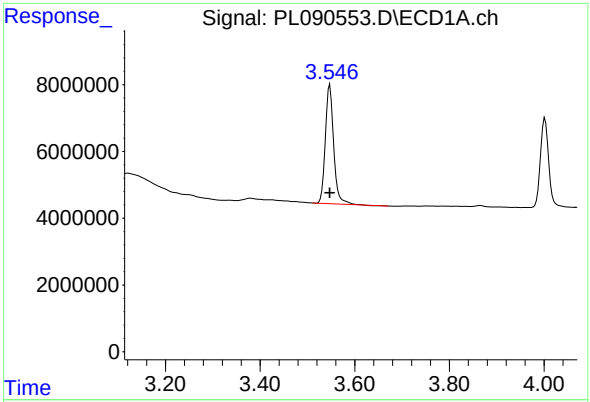
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 01:19:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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



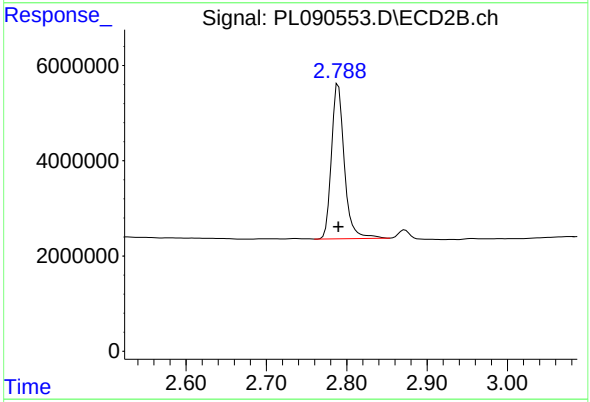




#1 Tetrachloro-m-xylene

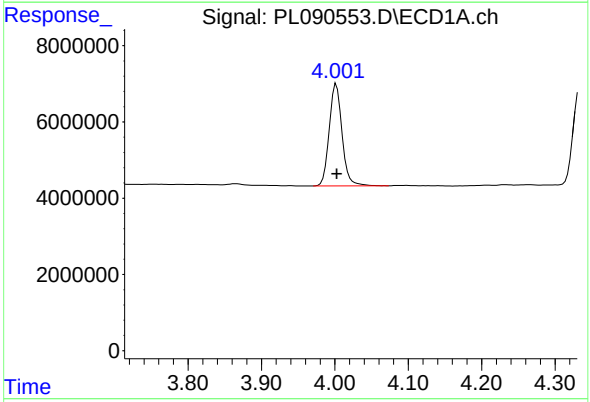
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 43332902
Conc: 20.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



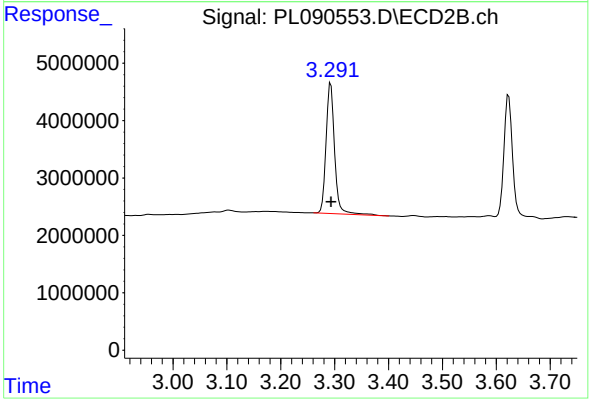
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 36282320
Conc: 21.56 ng/ml



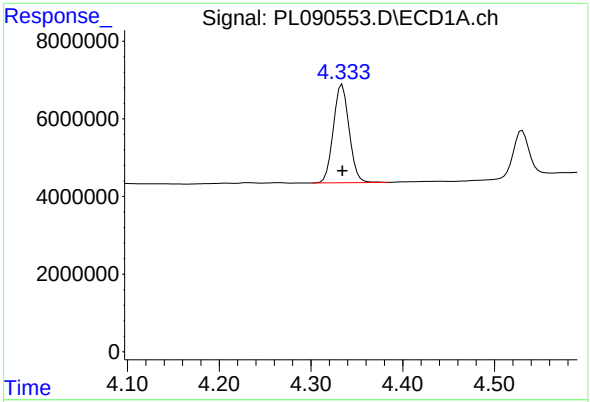
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 32538650
Conc: 10.97 ng/ml



#2 alpha-BHC

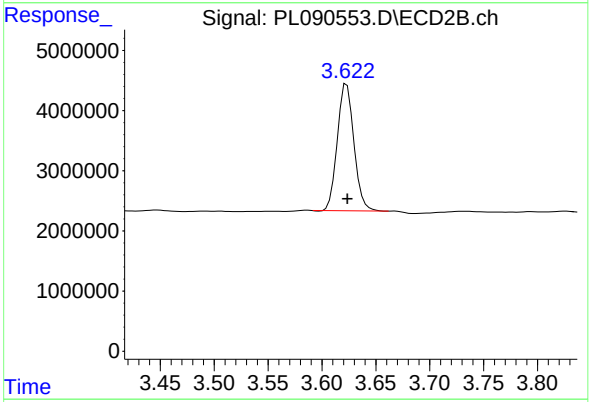
R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 25102103
Conc: 10.39 ng/ml



#3 gamma-BHC (Lindane)

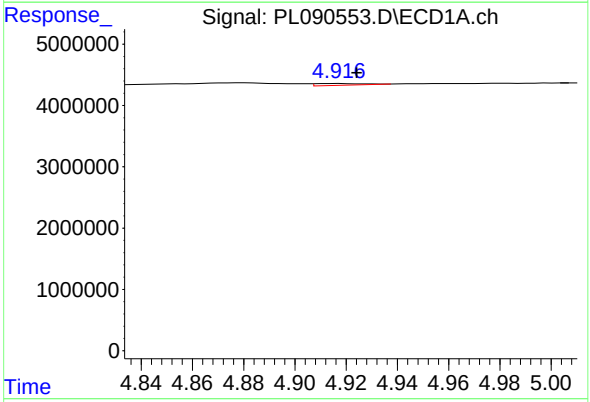
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 30247264
Conc: 10.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



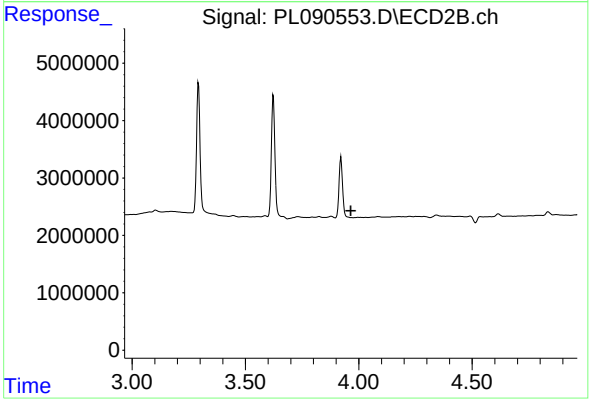
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 22617266
Conc: 9.81 ng/ml



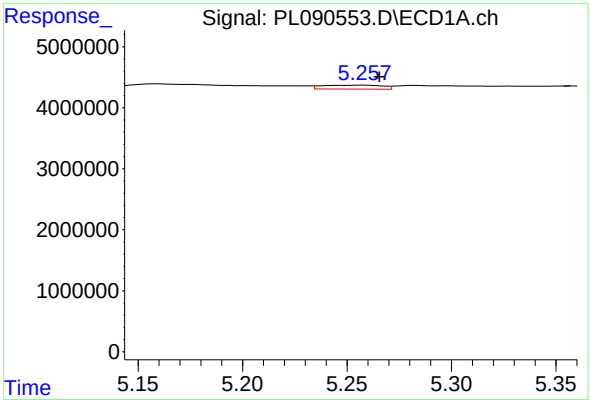
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.007 min
Response: 369664
Conc: 0.15 ng/ml



#4 Heptachlor

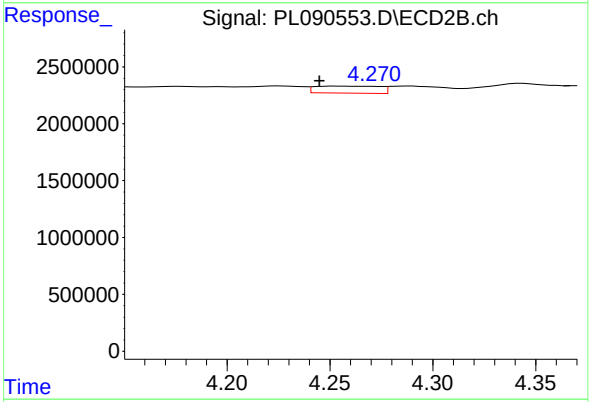
R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



#5 Aldrin

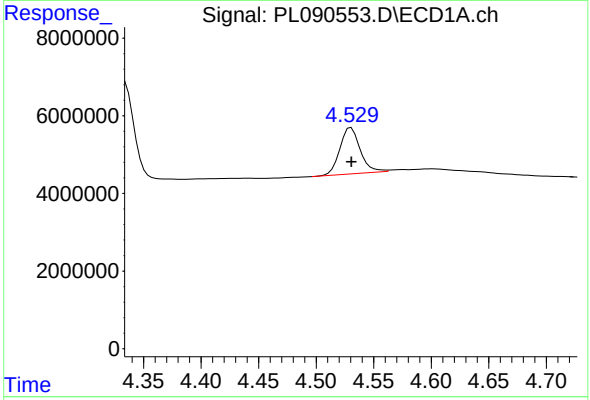
R.T.: 5.259 min
Delta R.T.: -0.007 min
Response: 1281074
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



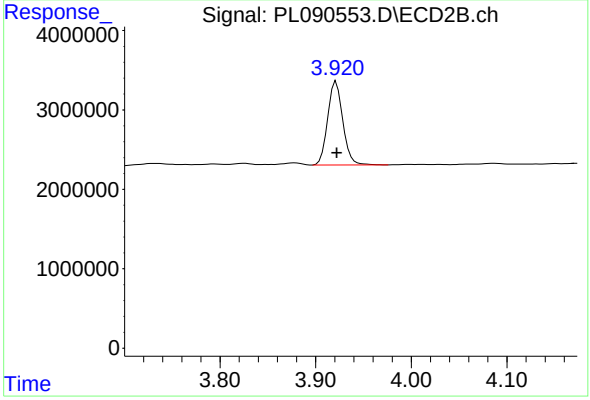
#5 Aldrin

R.T.: 4.253 min
Delta R.T.: 0.009 min
Response: 1328386
Conc: 0.62 ng/ml



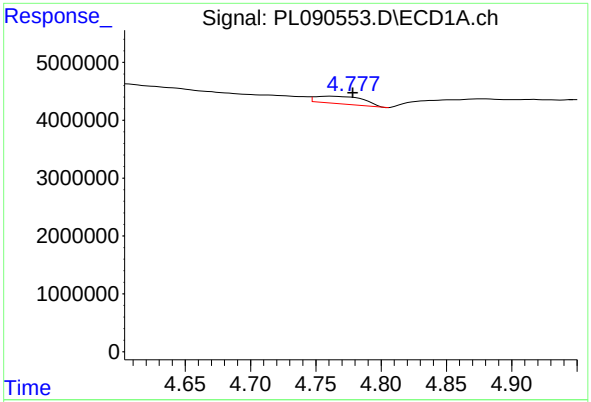
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 14681815
Conc: 11.57 ng/ml



#6 beta-BHC

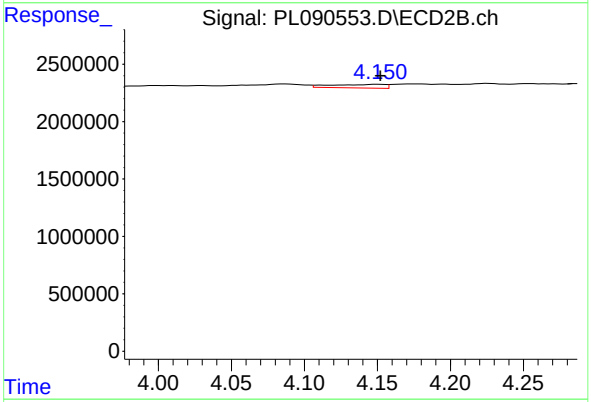
R.T.: 3.921 min
Delta R.T.: 0.000 min
Response: 11534082
Conc: 11.17 ng/ml



#7 delta-BHC

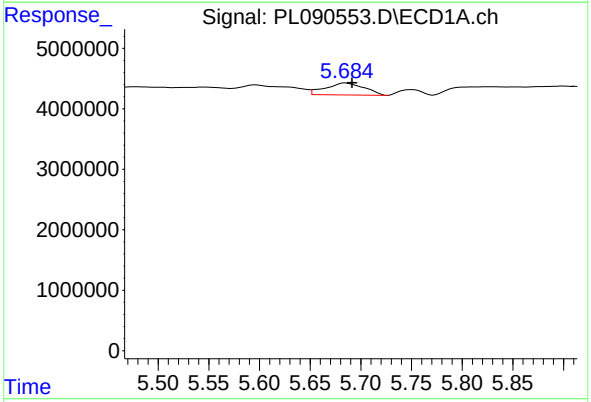
R.T.: 4.761 min
Delta R.T.: -0.017 min
Response: 3337279
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



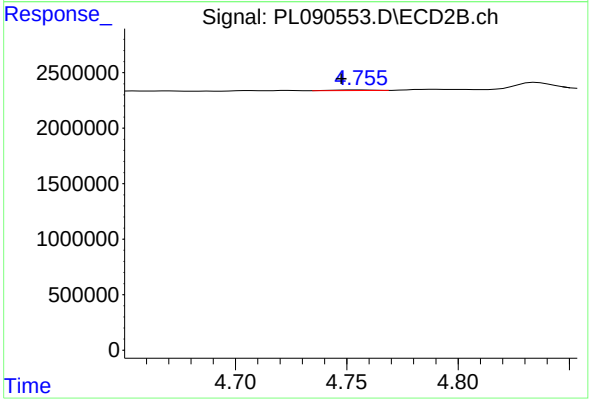
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: -0.002 min
Response: 794421
Conc: 0.36 ng/ml



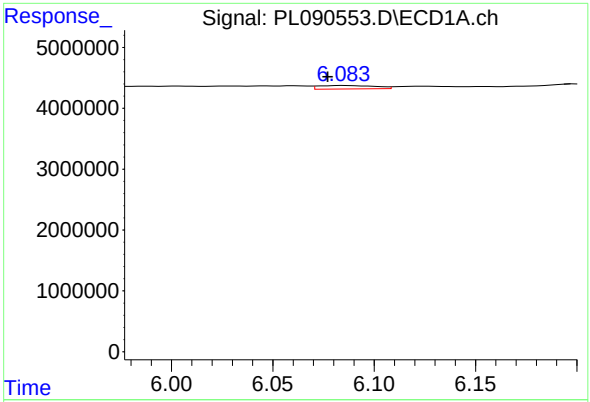
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.006 min
Response: 5261984
Conc: 2.24 ng/ml



#8 Heptachlor epoxide

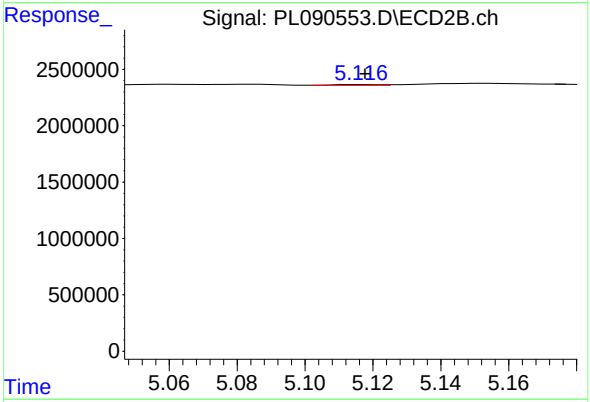
R.T.: 4.756 min
Delta R.T.: 0.009 min
Response: 54518
Conc: 0.03 ng/ml



#9 Endosulfan I

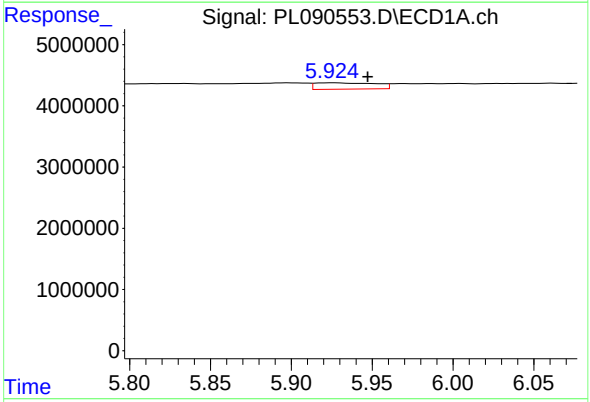
R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 1089918
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



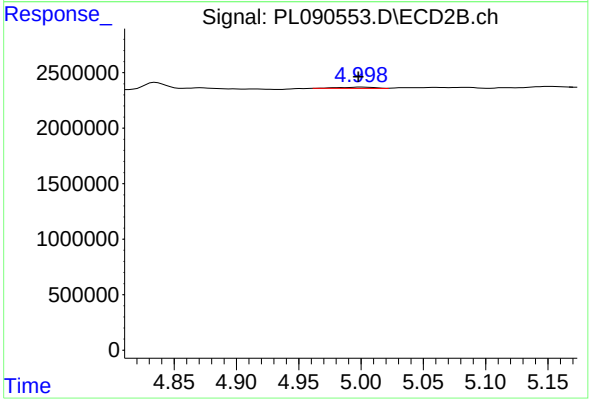
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 78346
Conc: 0.04 ng/ml



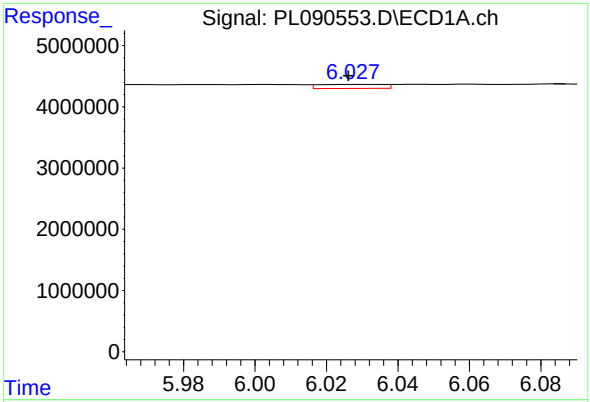
#10 gamma-Chlordane

R.T.: 5.926 min
Delta R.T.: -0.021 min
Response: 2686998
Conc: 1.16 ng/ml



#10 gamma-Chlordane

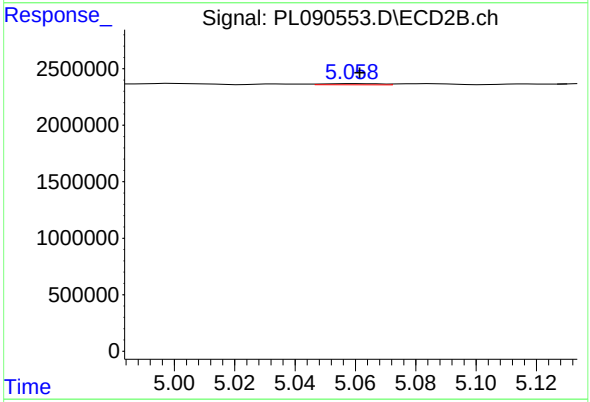
R.T.: 5.000 min
Delta R.T.: 0.002 min
Response: 221858
Conc: 0.11 ng/ml



#11 alpha-Chlordane

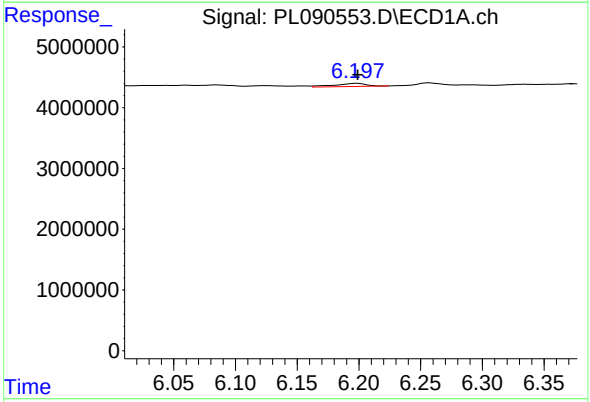
R.T.: 6.028 min
Delta R.T.: 0.002 min
Response: 830244
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



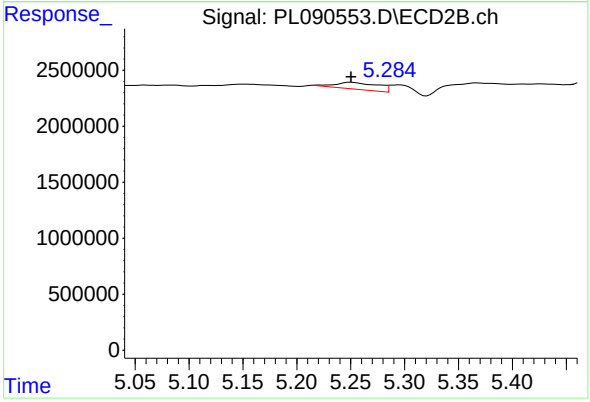
#11 alpha-Chlordane

R.T.: 5.059 min
Delta R.T.: -0.002 min
Response: 129490
Conc: 0.06 ng/ml



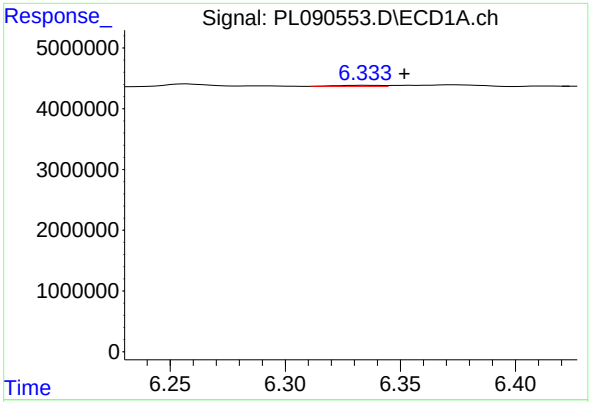
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 900157
Conc: 0.45 ng/ml



#12 4,4'-DDE

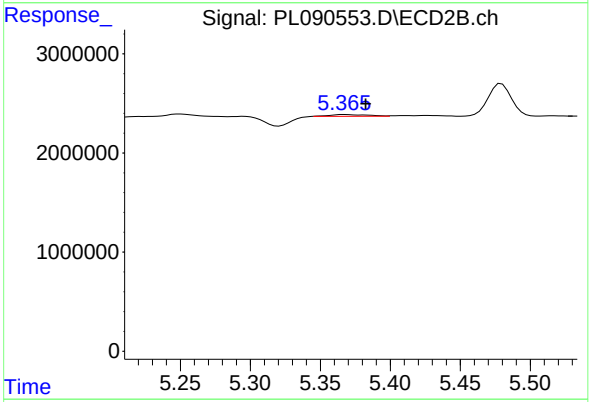
R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 1706248
Conc: 0.95 ng/ml



#13 Dieldrin

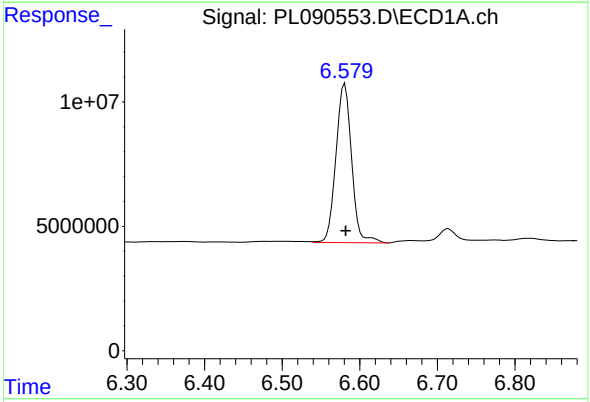
R.T.: 6.335 min
Delta R.T.: -0.017 min
Response: 228711
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



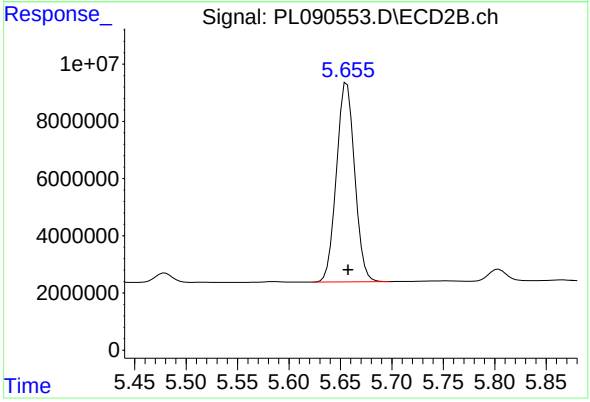
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: -0.015 min
Response: 336484
Conc: 0.17 ng/ml



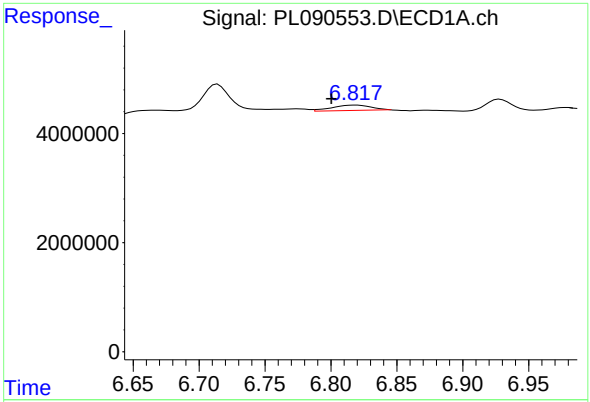
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 89970019
Conc: 48.94 ng/ml



#14 Endrin

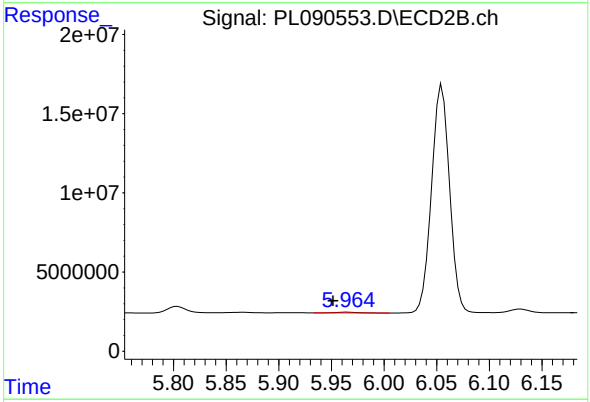
R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 85884743
Conc: 49.90 ng/ml



#15 Endosulfan II

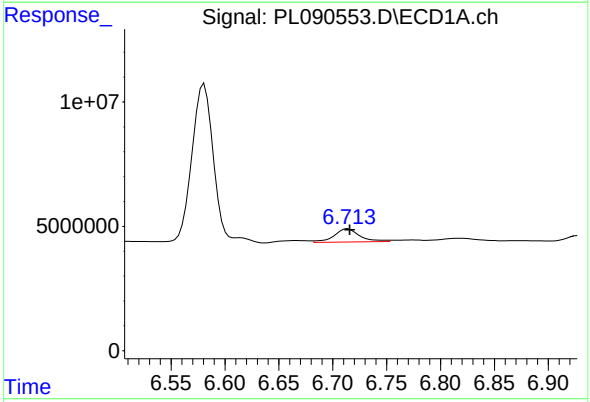
R.T.: 6.818 min
Delta R.T.: 0.018 min
Response: 2053008
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



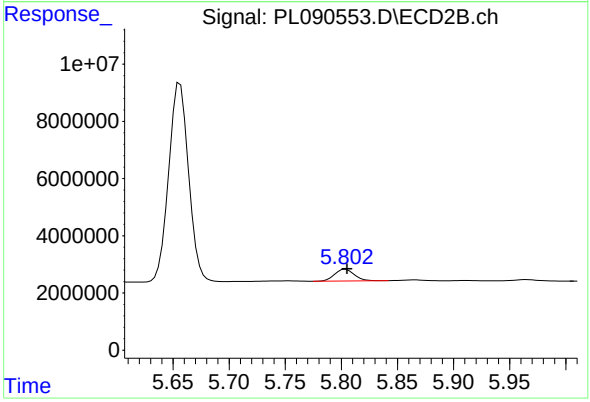
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.014 min
Response: 781882
Conc: 0.46 ng/ml



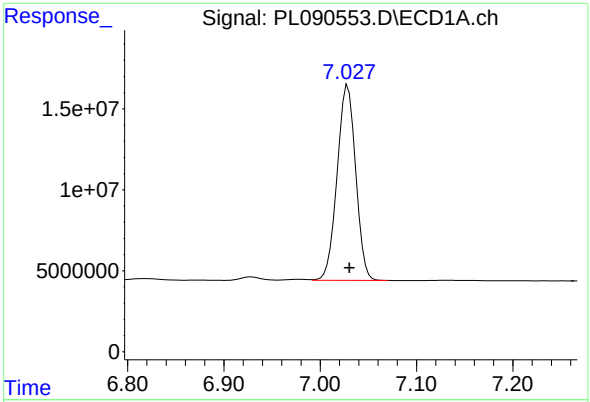
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 8758124
Conc: 5.19 ng/ml



#16 4,4'-DDD

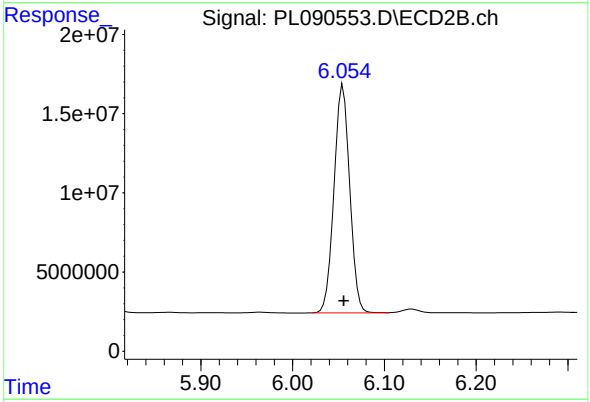
R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 5019670
Conc: 3.35 ng/ml



#17 4,4'-DDT

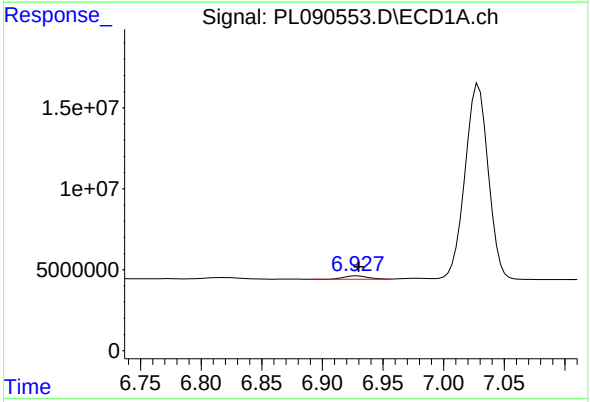
R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 161169311
Conc: 95.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



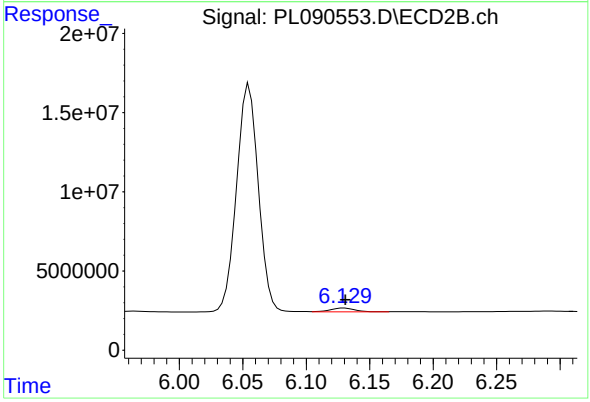
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 171347675
Conc: 116.95 ng/ml



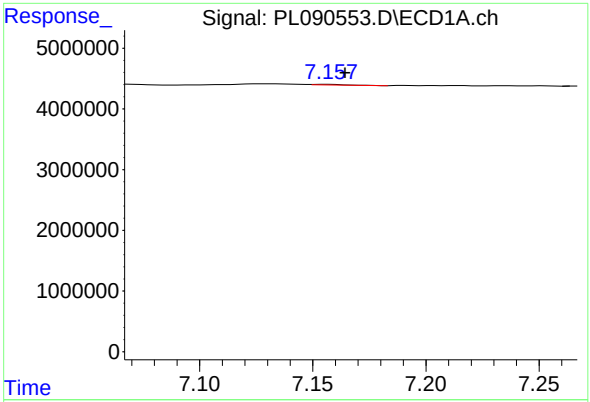
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 2856696
Conc: 1.93 ng/ml



#18 Endrin aldehyde

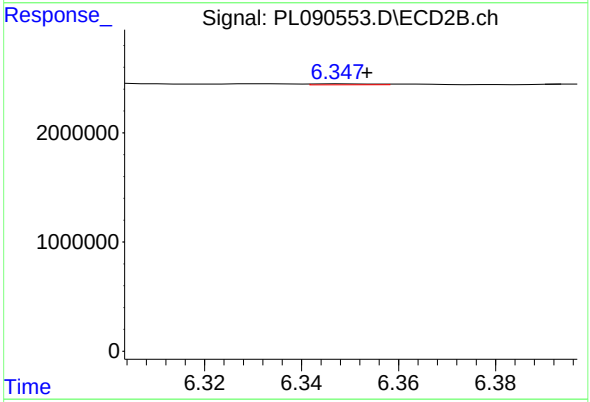
R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 3079870
Conc: 2.36 ng/ml



#19 Endosulfan Sulfate

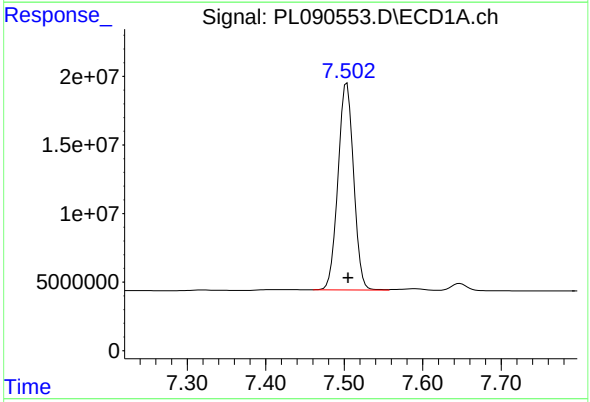
R.T.: 7.156 min
Delta R.T.: -0.009 min
Response: 103163
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



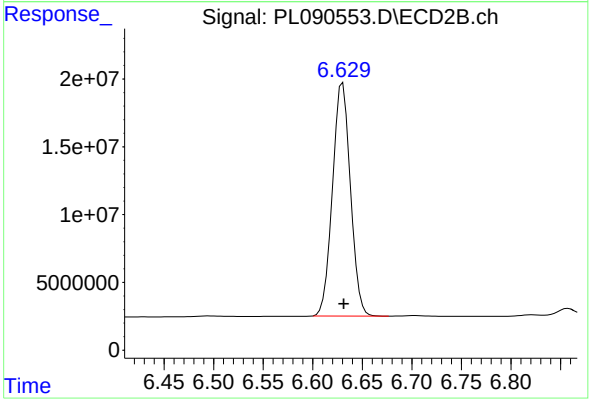
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.005 min
Response: 84615
Conc: 0.05 ng/ml



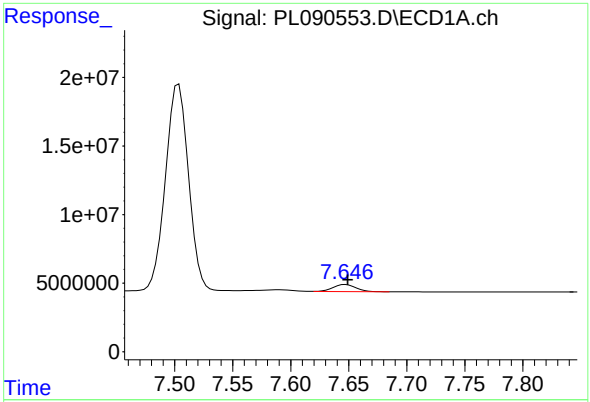
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.001 min
Response: 209330726
Conc: 237.09 ng/ml



#20 Methoxychlor

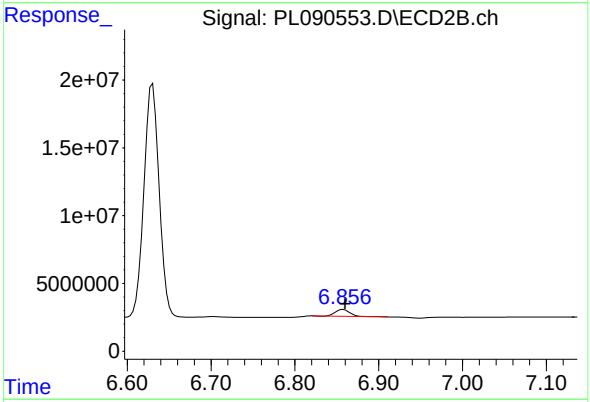
R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 216317440
Conc: 267.54 ng/ml



#21 Endrin ketone

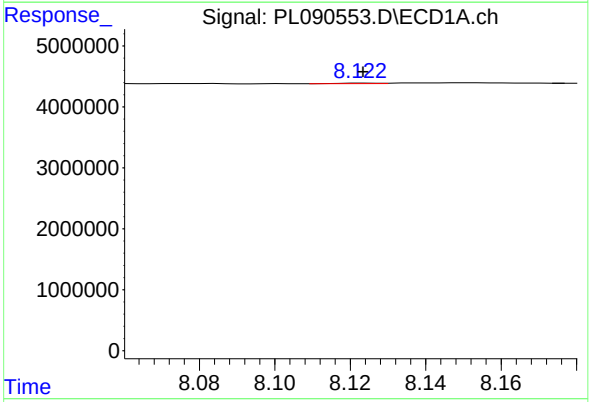
R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 7129025
Conc: 3.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



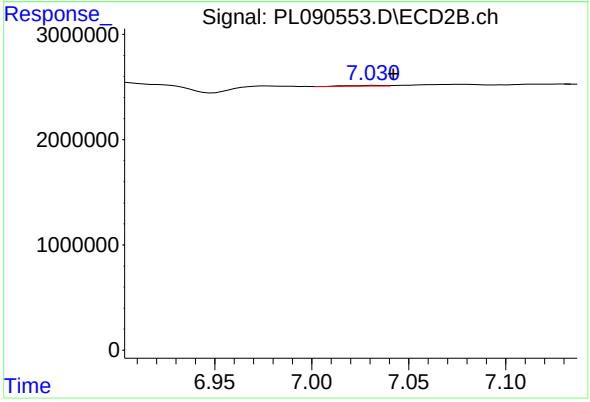
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 6024291
Conc: 3.30 ng/ml



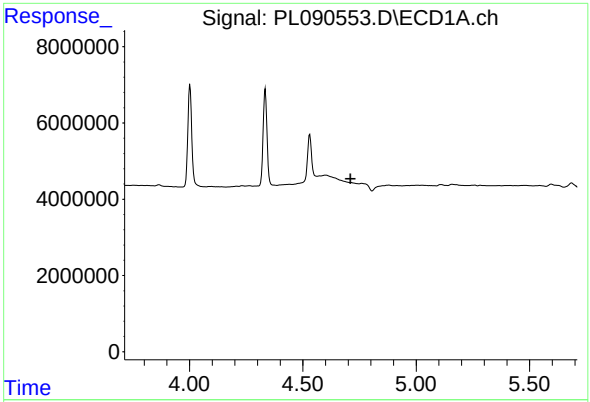
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 66433
Conc: 0.05 ng/ml



#22 Mirex

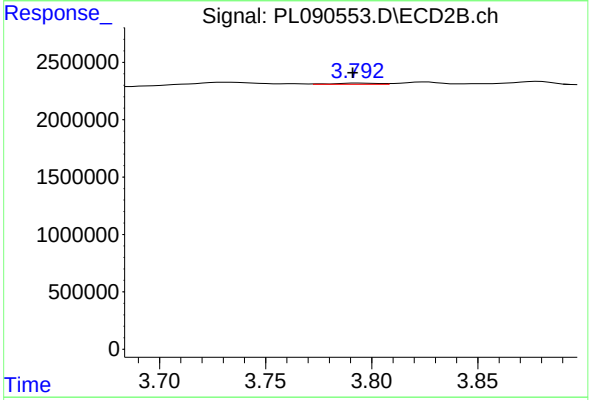
R.T.: 7.033 min
Delta R.T.: -0.009 min
Response: 86380
Conc: 0.06 ng/ml



#23 Chlordane-1

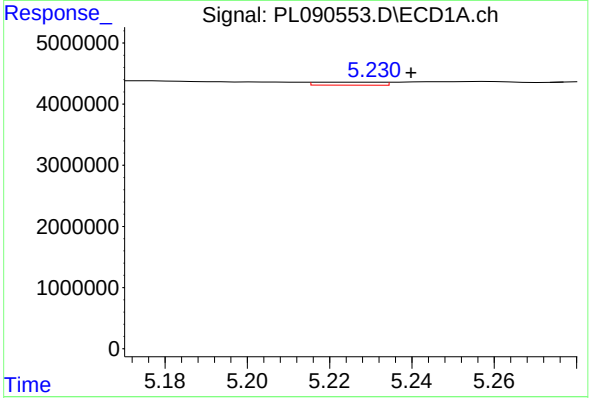
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



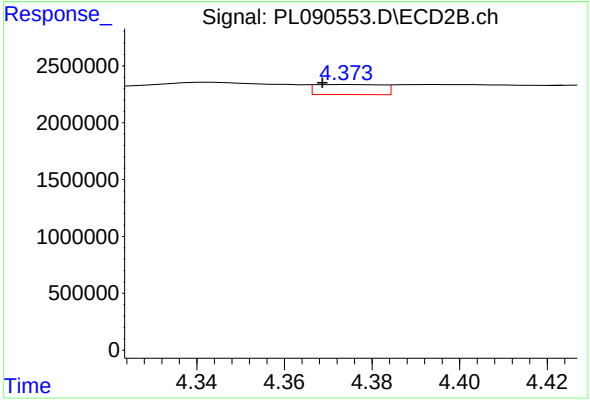
#23 Chlordane-1

R.T.: 3.794 min
Delta R.T.: 0.002 min
Response: 159504
Conc: 2.58 ng/ml



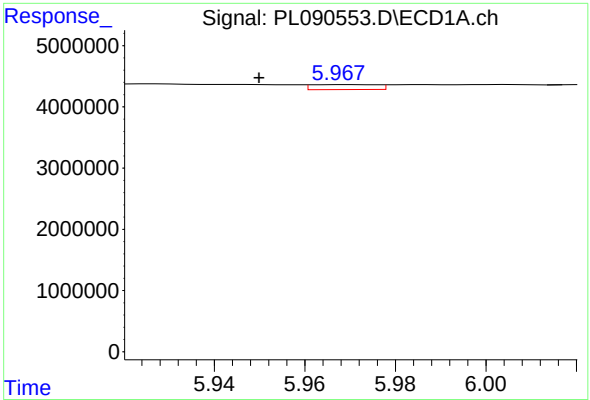
#24 Chlordane-2

R.T.: 5.226 min
Delta R.T.: -0.014 min
Response: 541333
Conc: 5.29 ng/ml



#24 Chlordane-2

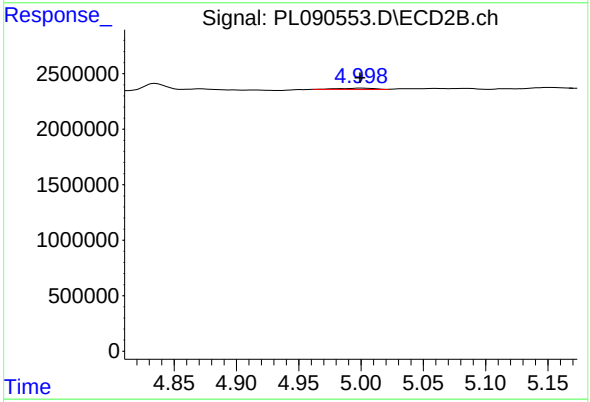
R.T.: 4.374 min
Delta R.T.: 0.005 min
Response: 940045
Conc: 12.39 ng/ml



#25 Chlordane-3

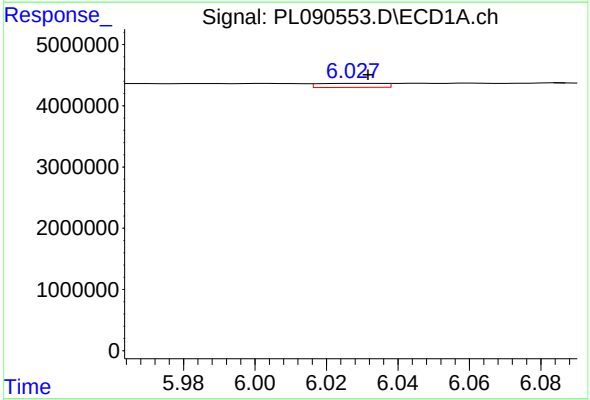
R.T.: 5.969 min
Delta R.T.: 0.019 min
Response: 806602
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



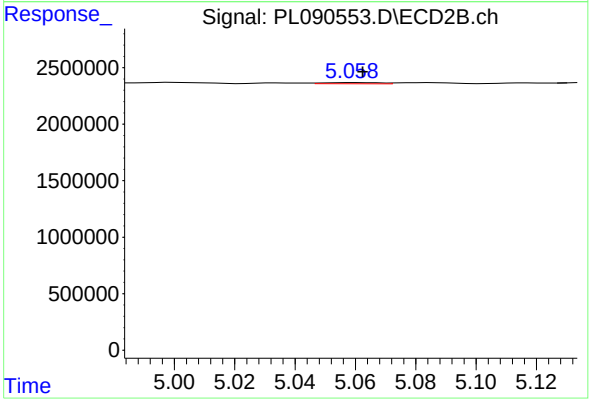
#25 Chlordane-3

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 221858
Conc: 1.07 ng/ml



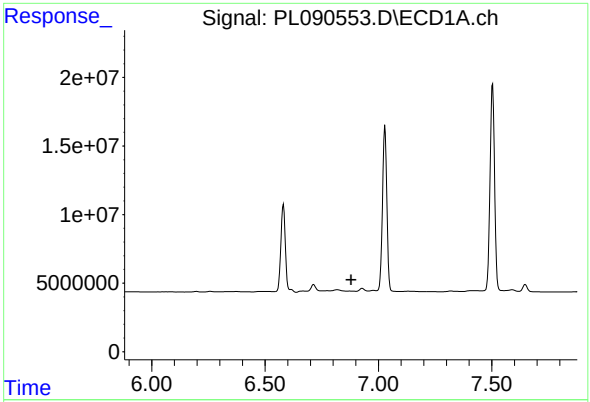
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 830244
Conc: 2.08 ng/ml



#26 Chlordane-4

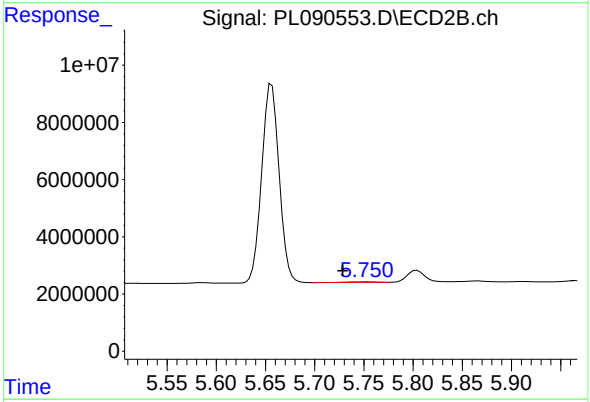
R.T.: 5.059 min
Delta R.T.: -0.003 min
Response: 129490
Conc: 0.66 ng/ml



#27 Chlordane-5

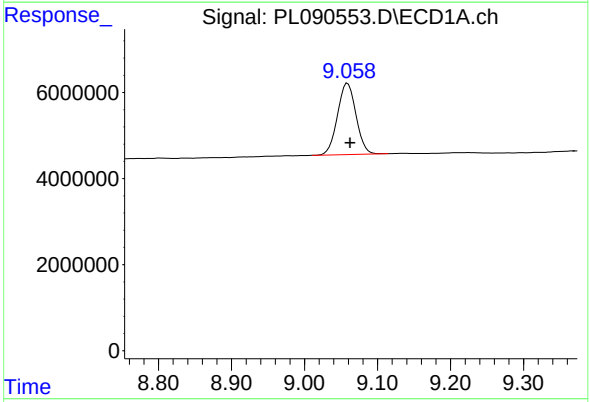
R.T.: 6.873 min
Delta R.T.: -0.007 min
Response: -57781
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



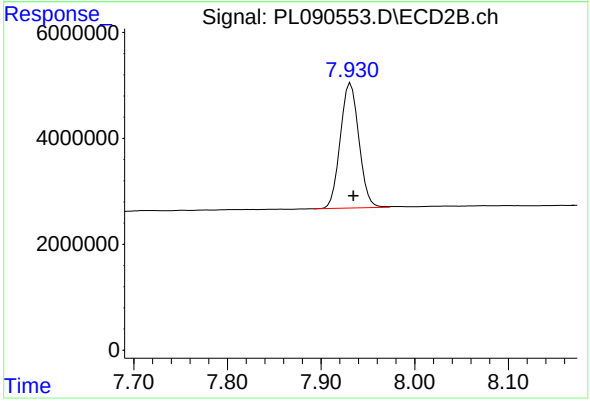
#27 Chlordane-5

R.T.: 5.753 min
Delta R.T.: 0.024 min
Response: 476626
Conc: 7.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 29179892
Conc: 21.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.003 min
Response: 32575734
Conc: 22.34 ng/ml