

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070119\
 Data File : PL050085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2019 16:14
 Operator : SM\AJ
 Sample : K3560-12MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-009-B218-062419MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:27:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 2019
 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...	3.322	3.933	193.8E6	52728288	17.180	17.222
28)	SA Decachlor...	7.987	8.967	205.9E6	53361823	16.201	15.895
Target Compounds							
2)	A alpha-BHC	3.750	4.321	823.2E6	192.6E6	43.816	43.032
3)	MA gamma-BHC...	4.025	4.605	795.2E6	183.1E6	44.851	44.134
4)	MA Heptachlor	4.309	5.107	829.6E6	190.3E6	45.642	43.975
5)	MB Aldrin	4.548	5.409	779.4E6	177.0E6	45.133	45.175
6)	B beta-BHC	4.279	4.781	330.8E6	86565368	45.223	44.689
7)	B delta-BHC	4.473	4.995	742.5E6	151.5E6	41.515	38.458
8)	B Heptachlo...	4.985	5.796	724.4E6	155.1E6	45.000	42.658
9)	A Endosulfan I	5.315	6.151	694.5E6	151.6E6	44.884	44.611
10)	B gamma-Chl...	5.207	6.030	751.2E6	157.8E6	43.961	42.351
11)	B alpha-Chl...	5.263	6.102	732.8E6	160.5E6	44.150	43.387
12)	B 4,4'-DDE	5.430	6.262	733.7E6	154.6E6	44.045	44.541
13)	MA Dieldrin	5.554	6.408	748.3E6	156.2E6	44.922	44.019
14)	MA Endrin	5.806	6.625	765.1E6	137.9E6	47.773	43.665
15)	B Endosulfa...	6.081	6.837	678.9E6	138.0E6	46.592	42.832
16)	A 4,4'-DDD	5.941	6.752	635.2E6	116.2E6	50.313	44.435
17)	MA 4,4'-DDT	6.175	7.049	602.2E6	121.0E6	45.363	41.312
18)	B Endrin al...	6.248	6.960	501.5E6	109.8E6	42.455	39.986
19)	B Endosulfa...	6.460	7.184	577.6E6	129.5E6	44.546	43.019
20)	A Methoxychlor	6.720	7.510	291.8E6	70162618	44.772	42.095
21)	B Endrin ke...	6.942	7.652	632.3E6	140.8E6	44.986	45.196
22)	Mirex	7.115	8.102	464.0E6	108.8E6	44.887	43.025
24)	Chlordane-2	0.000	5.409f	0	177.0E6	N.D.	1139.134 #
25)	Chlordane-3	5.207	6.030	751.2E6	157.8E6	399.977	317.141
26)	Chlordane-4	5.263	6.102	732.8E6	160.5E6	419.931	269.988 #
27)	Chlordane-5	6.081	0.000	678.9E6	0	1209.717	N.D. #

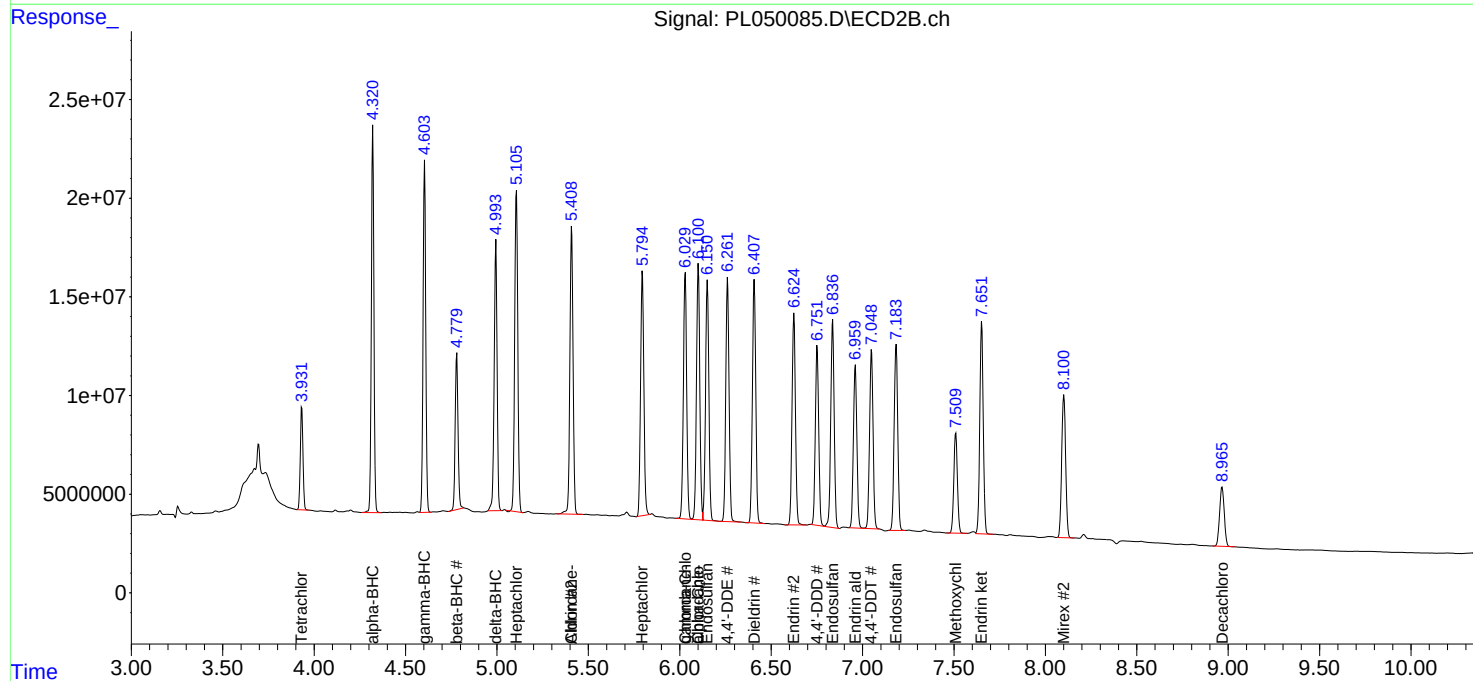
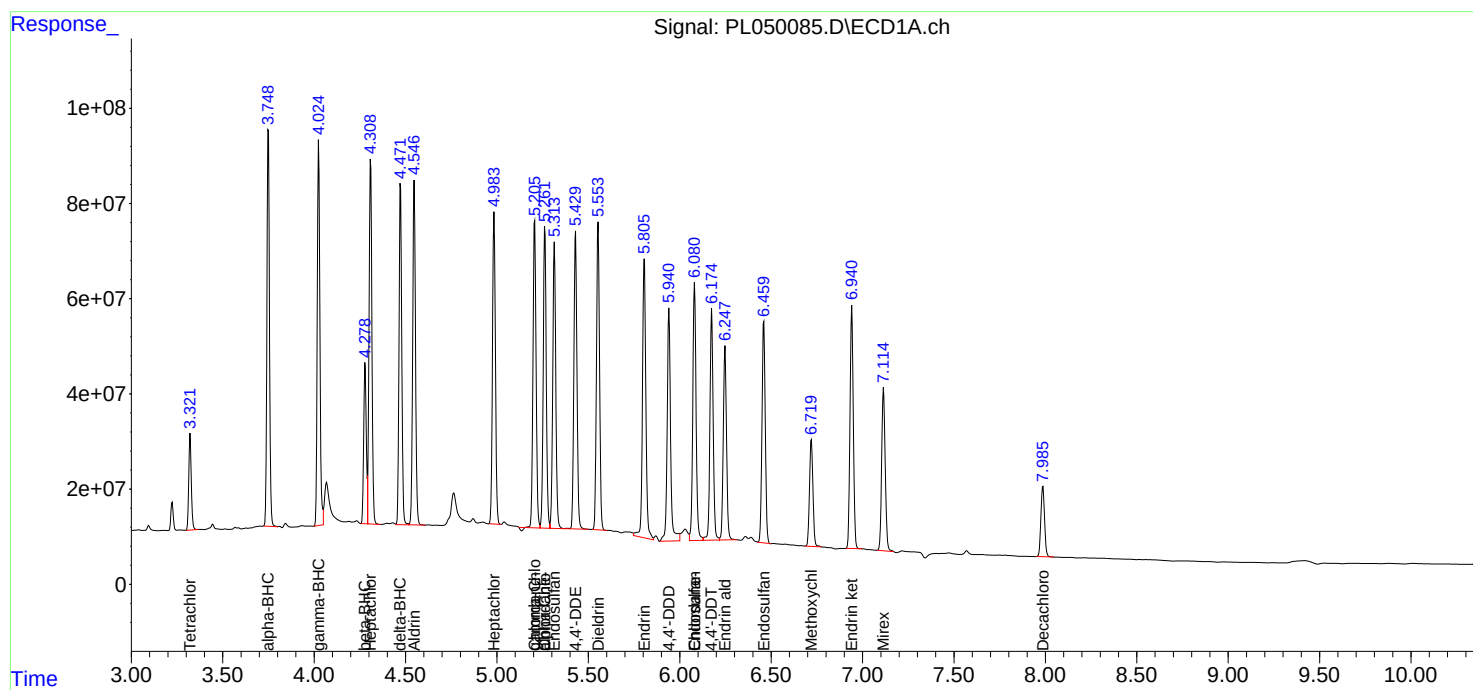
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

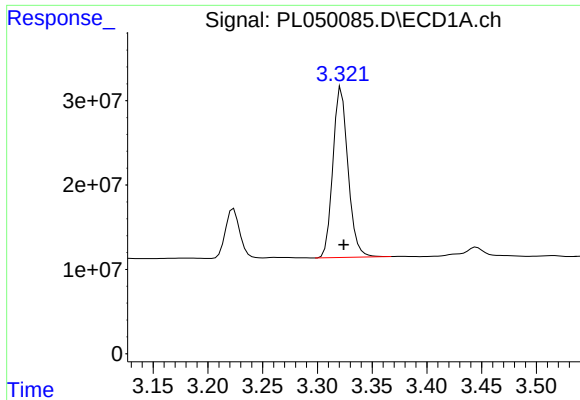
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070119\
Data File : PL050085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2019 16:14
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PST-009-B218-062419MSD

Integration File signal 1: autoint1.e
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Quant Time: Jul 02 01:27:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 2019
Response via : Initial Calibration
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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

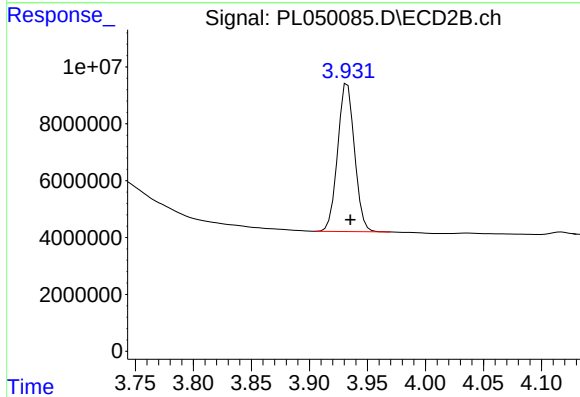




#1 Tetrachloro-m-xylene

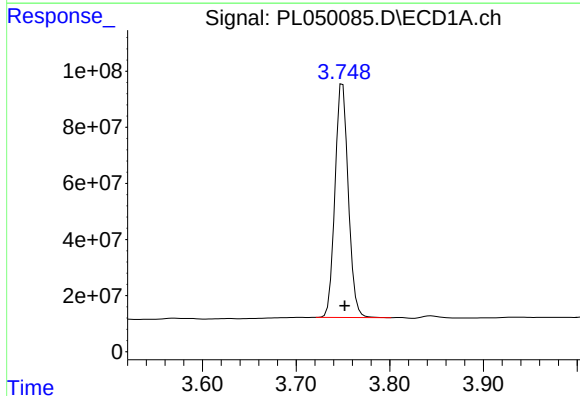
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 193753851
Conc: 17.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



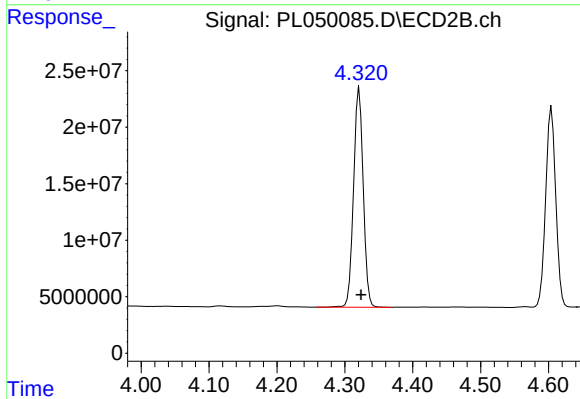
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 52728288
Conc: 17.22 ng/ml



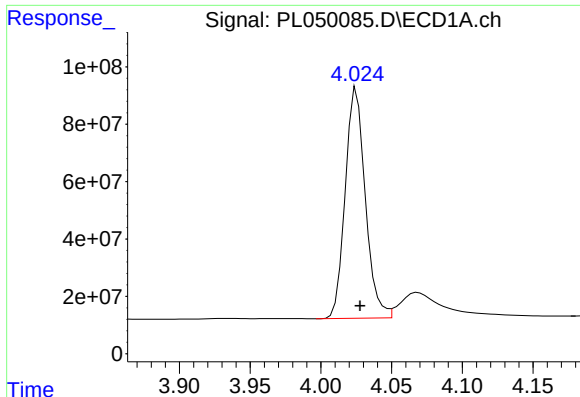
#2 alpha-BHC

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 823177597
Conc: 43.82 ng/ml



#2 alpha-BHC

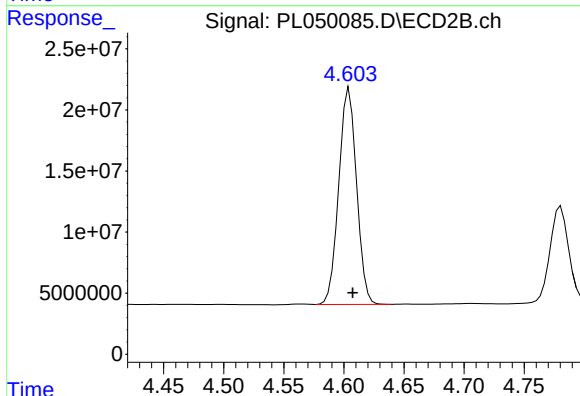
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 192636130
Conc: 43.03 ng/ml



#3 gamma-BHC (Lindane)

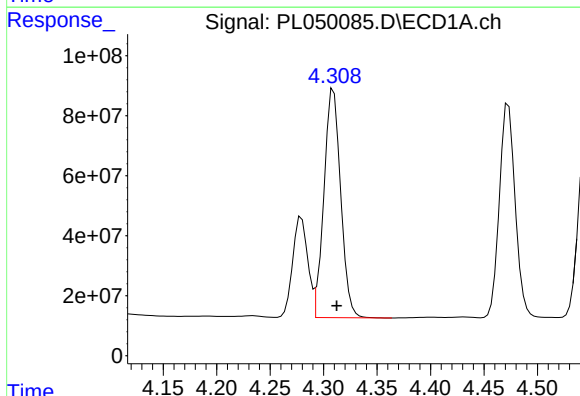
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 795238928
Conc: 44.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



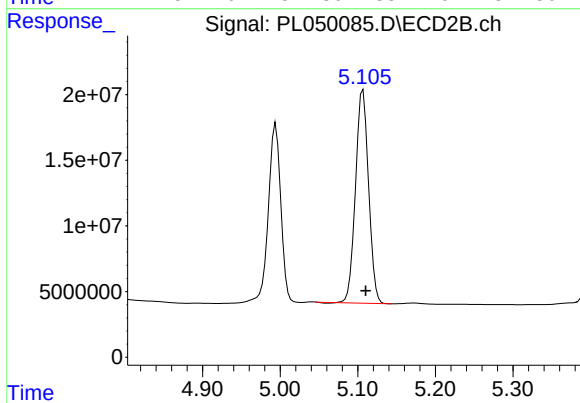
#3 gamma-BHC (Lindane)

R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 183058364
Conc: 44.13 ng/ml



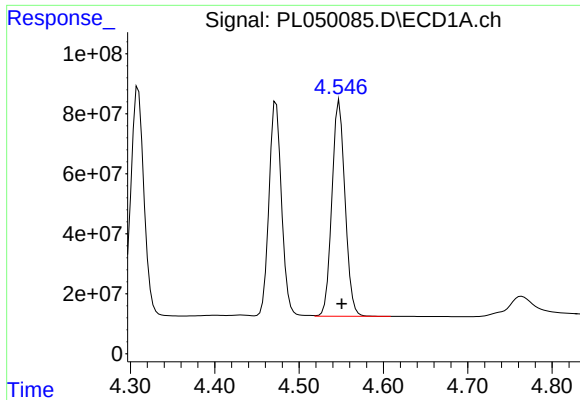
#4 Heptachlor

R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 829633312
Conc: 45.64 ng/ml



#4 Heptachlor

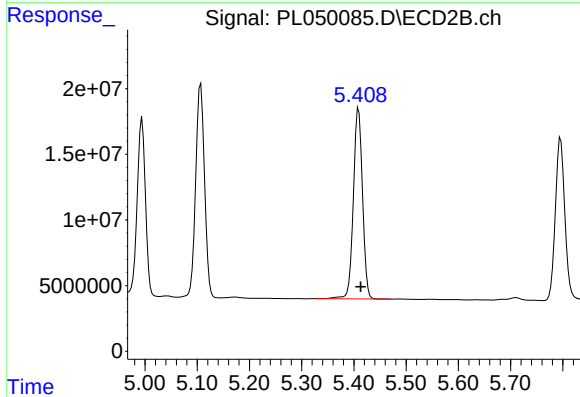
R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 190343298
Conc: 43.98 ng/ml



#5 Aldrin

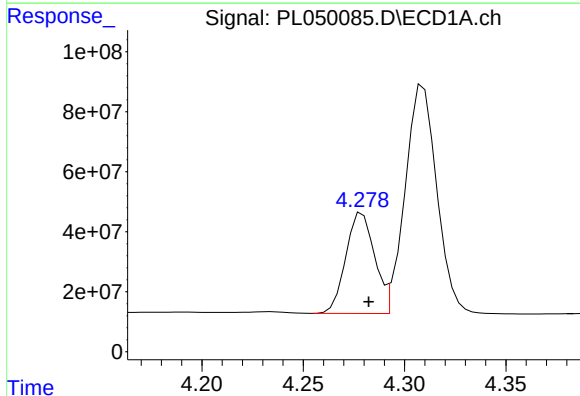
R.T.: 4.548 min
Delta R.T.: -0.003 min
Response: 779360336
Conc: 45.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



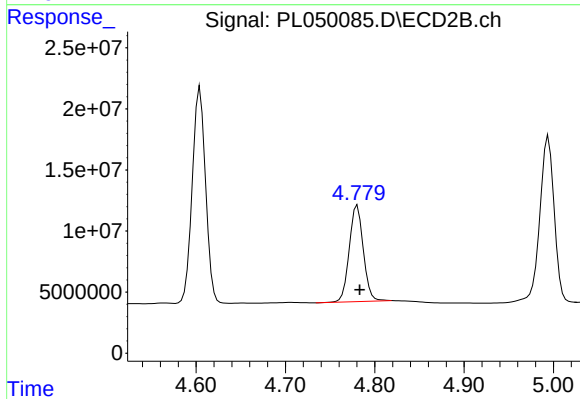
#5 Aldrin

R.T.: 5.409 min
Delta R.T.: -0.004 min
Response: 176953460
Conc: 45.17 ng/ml



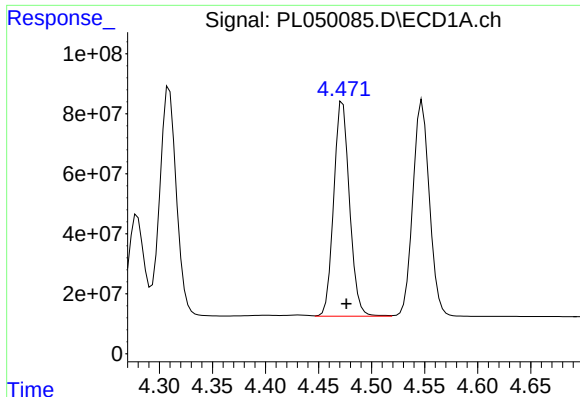
#6 beta-BHC

R.T.: 4.279 min
Delta R.T.: -0.003 min
Response: 330799724
Conc: 45.22 ng/ml



#6 beta-BHC

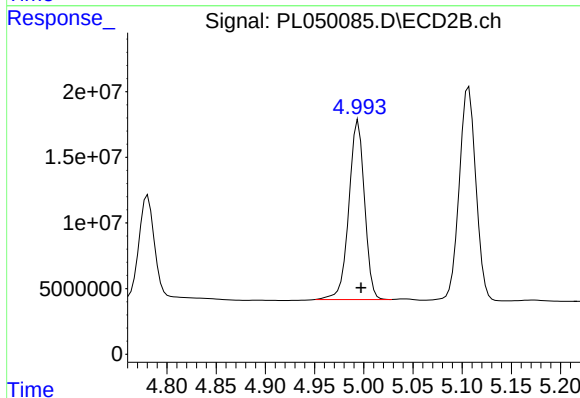
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 86565368
Conc: 44.69 ng/ml



#7 delta-BHC

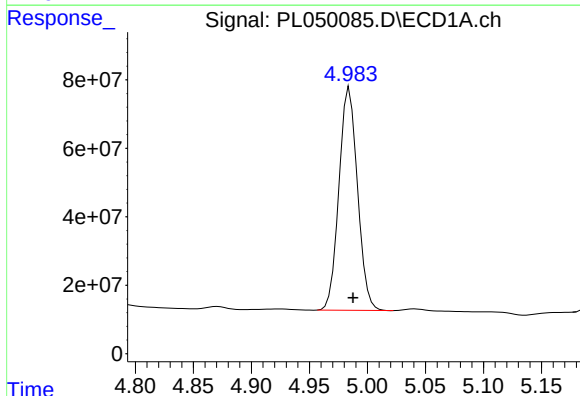
R.T.: 4.473 min
Delta R.T.: -0.003 min
Response: 742451335
Conc: 41.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



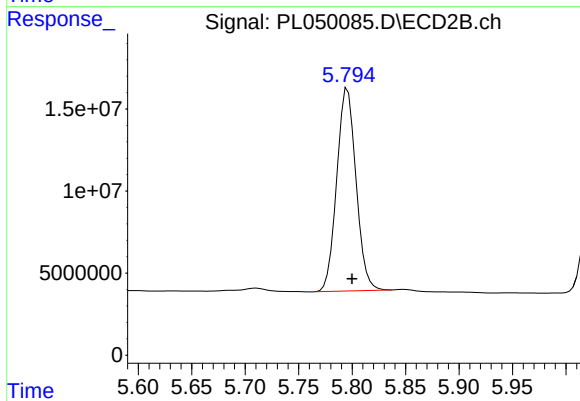
#7 delta-BHC

R.T.: 4.995 min
Delta R.T.: -0.003 min
Response: 151482157
Conc: 38.46 ng/ml



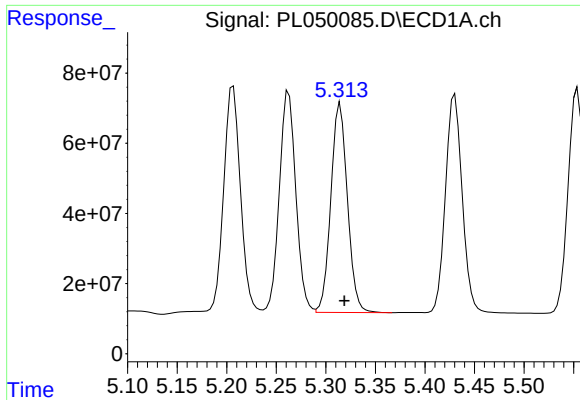
#8 Heptachlor epoxide

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 724381338
Conc: 45.00 ng/ml



#8 Heptachlor epoxide

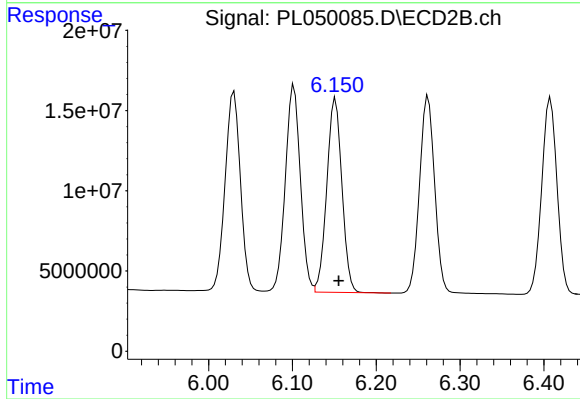
R.T.: 5.796 min
Delta R.T.: -0.004 min
Response: 155094405
Conc: 42.66 ng/ml



#9 Endosulfan I

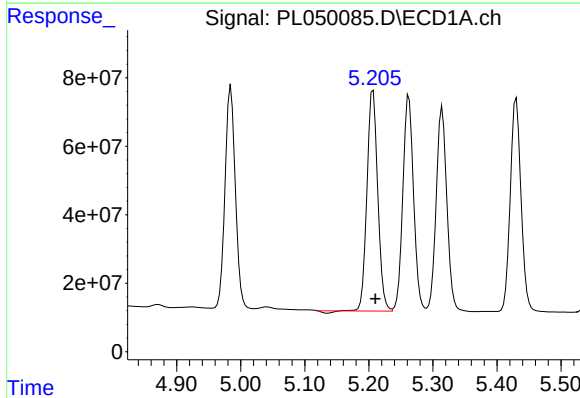
R.T.: 5.315 min
Delta R.T.: -0.004 min
Response: 694471096
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



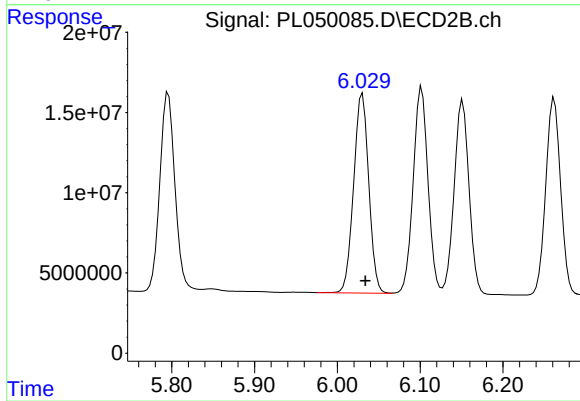
#9 Endosulfan I

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 151561356
Conc: 44.61 ng/ml



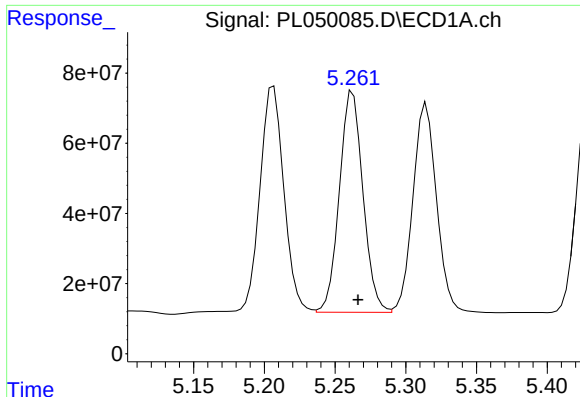
#10 gamma-Chlordane

R.T.: 5.207 min
Delta R.T.: -0.004 min
Response: 751243185
Conc: 43.96 ng/ml



#10 gamma-Chlordane

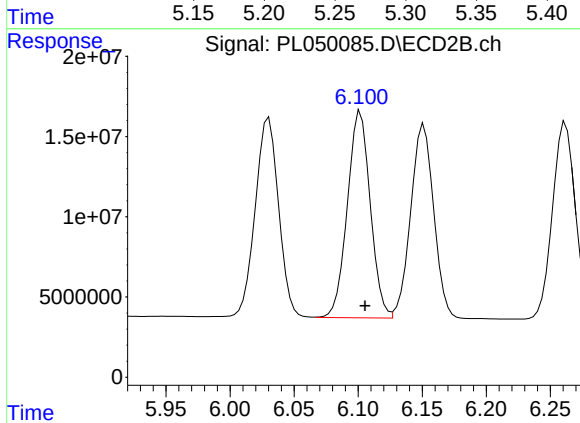
R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 157817259
Conc: 42.35 ng/ml



#11 alpha-Chlordane

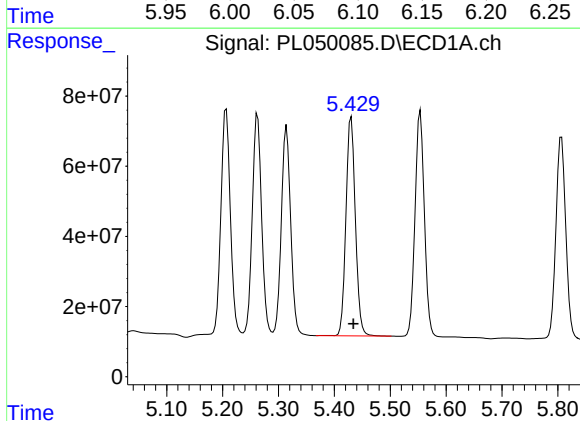
R.T.: 5.263 min
Delta R.T.: -0.004 min
Response: 732839122
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



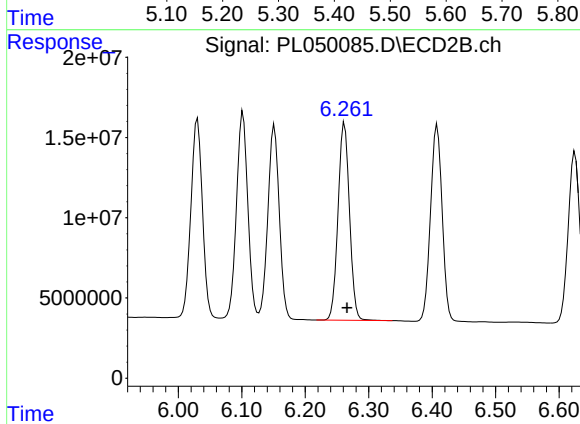
#11 alpha-Chlordane

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 160465221
Conc: 43.39 ng/ml



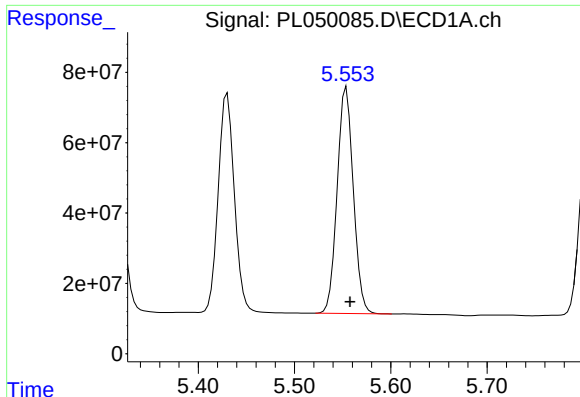
#12 4,4'-DDE

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 733740813
Conc: 44.04 ng/ml



#12 4,4'-DDE

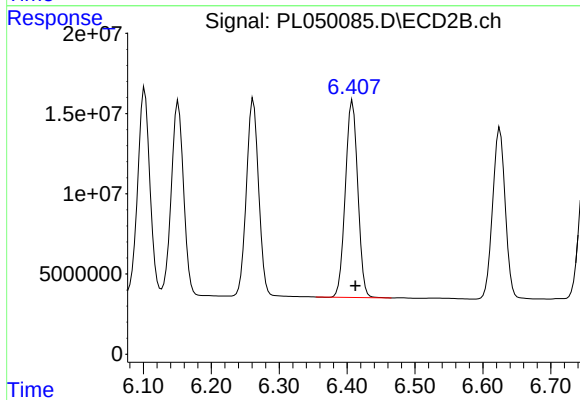
R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 154562067
Conc: 44.54 ng/ml



#13 Dieldrin

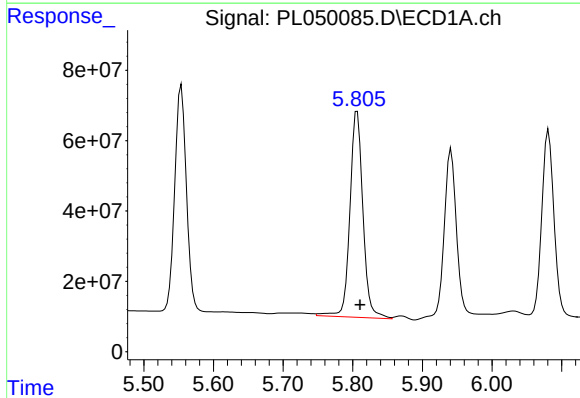
R.T.: 5.554 min
Delta R.T.: -0.004 min
Response: 748305975
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



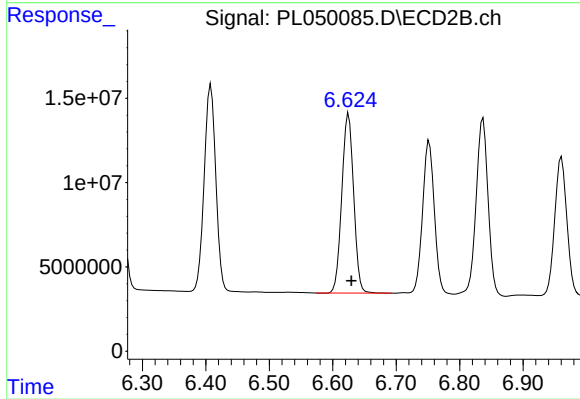
#13 Dieldrin

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 156158095
Conc: 44.02 ng/ml



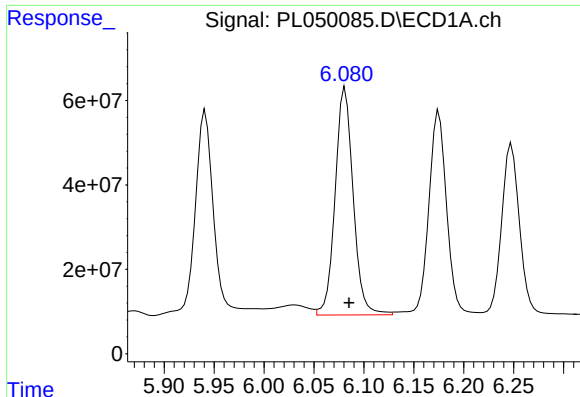
#14 Endrin

R.T.: 5.806 min
Delta R.T.: -0.004 min
Response: 765064693
Conc: 47.77 ng/ml



#14 Endrin

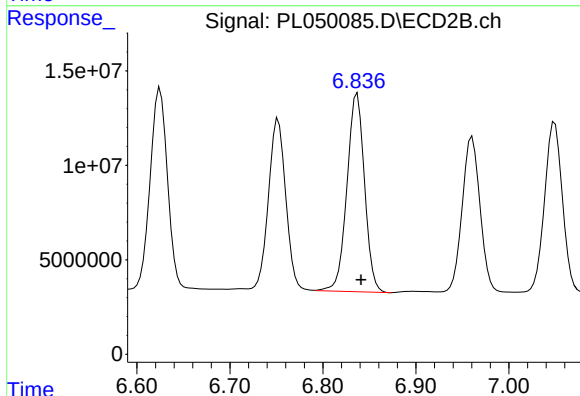
R.T.: 6.625 min
Delta R.T.: -0.004 min
Response: 137859469
Conc: 43.67 ng/ml



#15 Endosulfan II

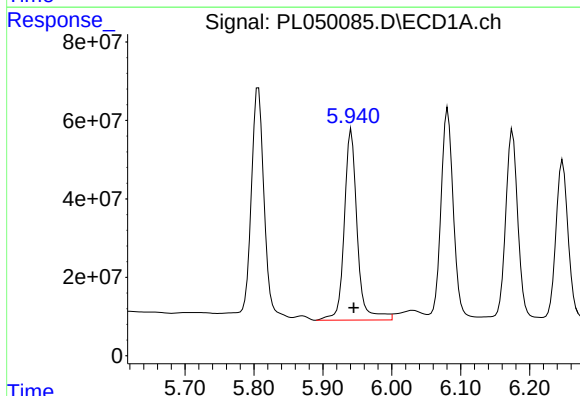
R.T.: 6.081 min
Delta R.T.: -0.004 min
Response: 678901874
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



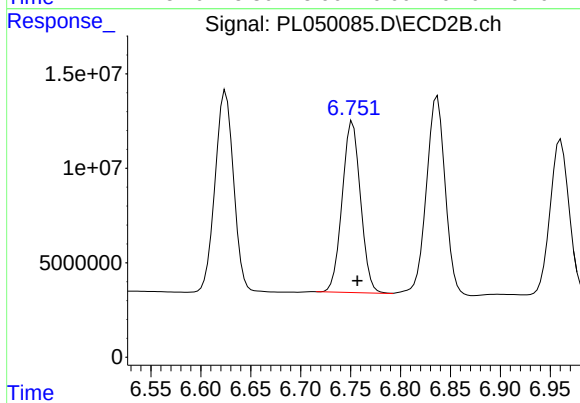
#15 Endosulfan II

R.T.: 6.837 min
Delta R.T.: -0.004 min
Response: 137956931
Conc: 42.83 ng/ml



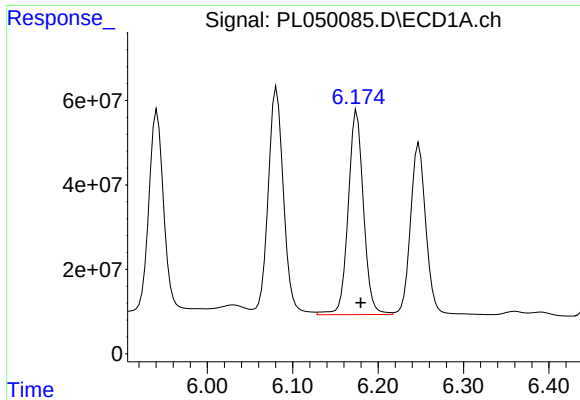
#16 4,4'-DDD

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 635152469
Conc: 50.31 ng/ml



#16 4,4'-DDD

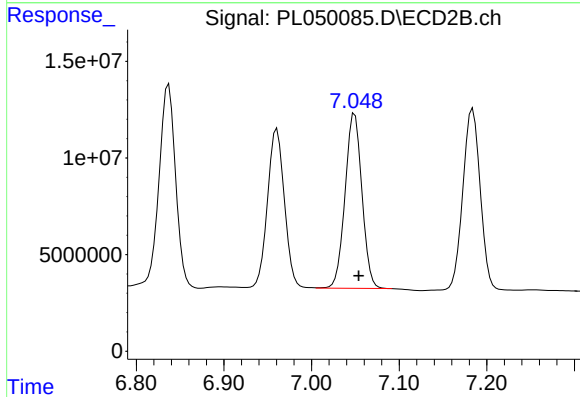
R.T.: 6.752 min
Delta R.T.: -0.005 min
Response: 116163533
Conc: 44.43 ng/ml



#17 4,4'-DDT

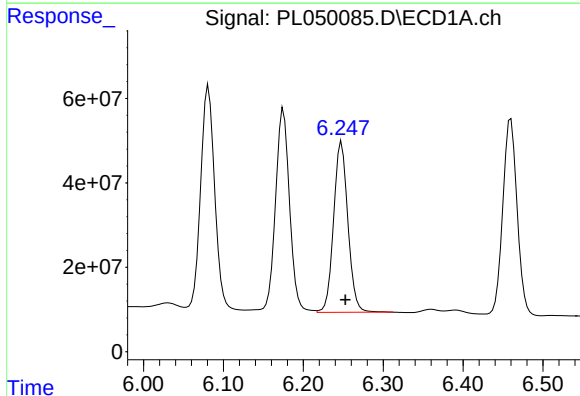
R.T.: 6.175 min
Delta R.T.: -0.005 min
Response: 602229388
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
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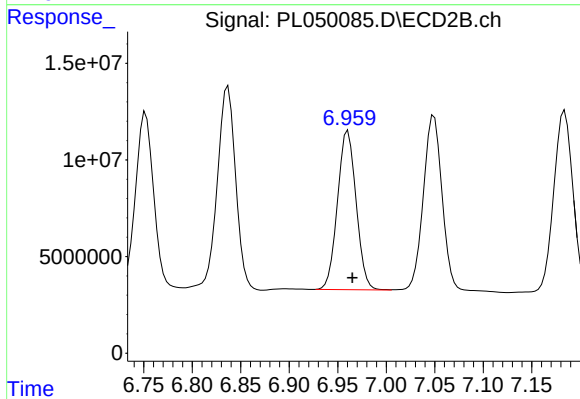
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 120993471
Conc: 41.31 ng/ml



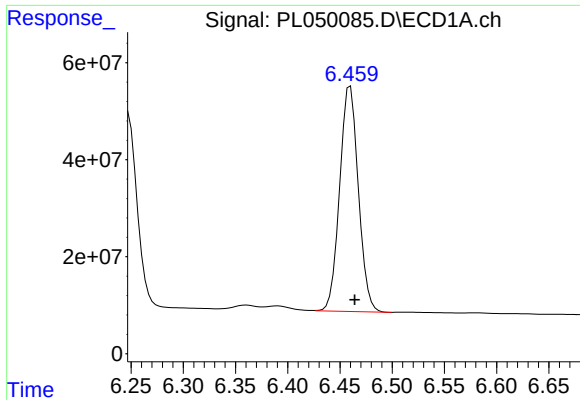
#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.005 min
Response: 501462591
Conc: 42.45 ng/ml



#18 Endrin aldehyde

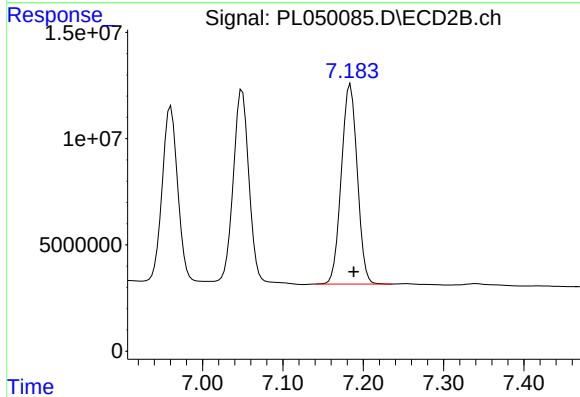
R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 109815843
Conc: 39.99 ng/ml



#19 Endosulfan Sulfate

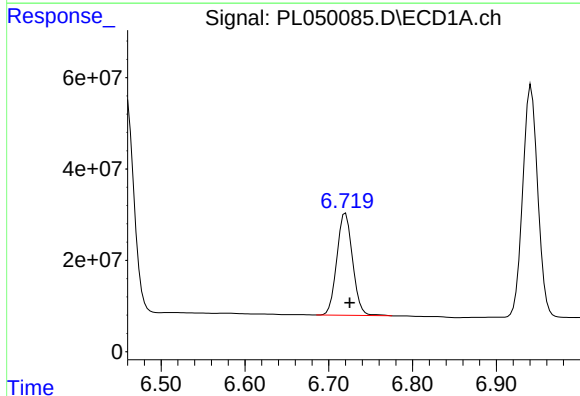
R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 577555420
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



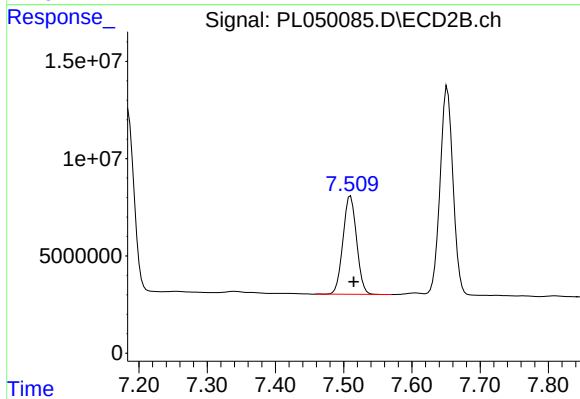
#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: -0.004 min
Response: 129469872
Conc: 43.02 ng/ml



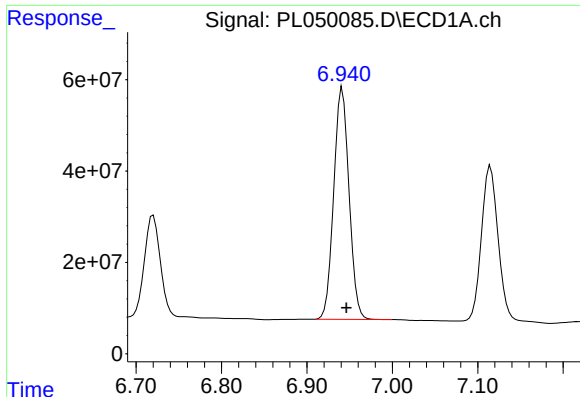
#20 Methoxychlor

R.T.: 6.720 min
Delta R.T.: -0.005 min
Response: 291835582
Conc: 44.77 ng/ml



#20 Methoxychlor

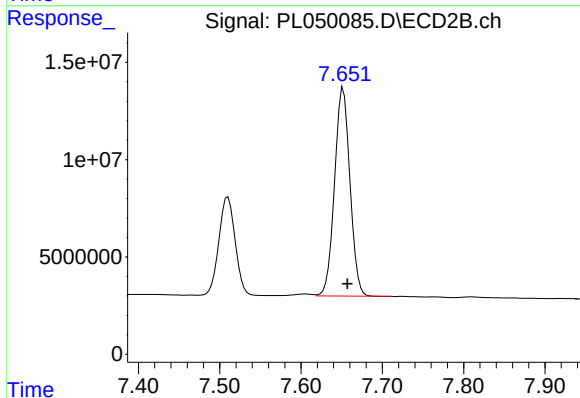
R.T.: 7.510 min
Delta R.T.: -0.005 min
Response: 70162618
Conc: 42.09 ng/ml



#21 Endrin ketone

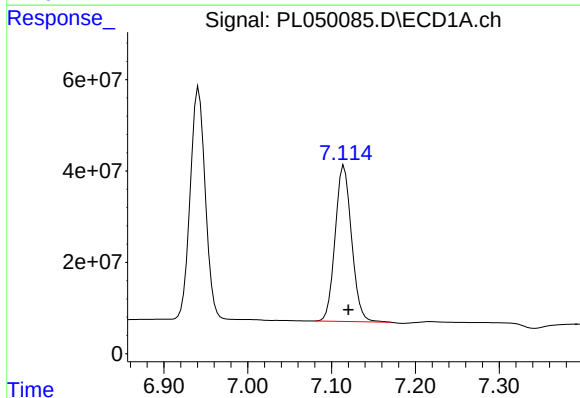
R.T.: 6.942 min
Delta R.T.: -0.005 min
Response: 632285949
Conc: 44.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



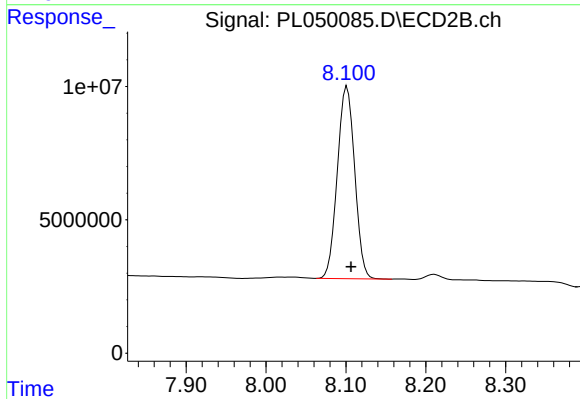
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 140839952
Conc: 45.20 ng/ml



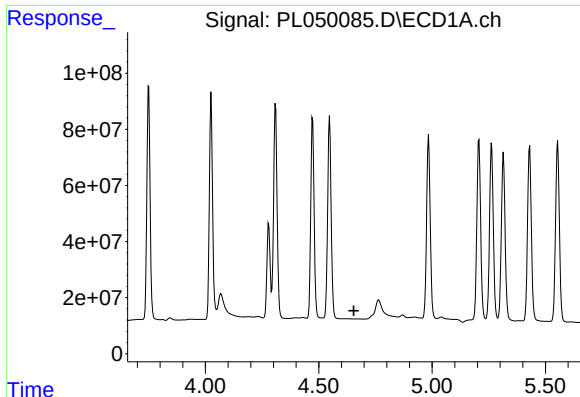
#22 Mirex

R.T.: 7.115 min
Delta R.T.: -0.005 min
Response: 463990574
Conc: 44.89 ng/ml



#22 Mirex

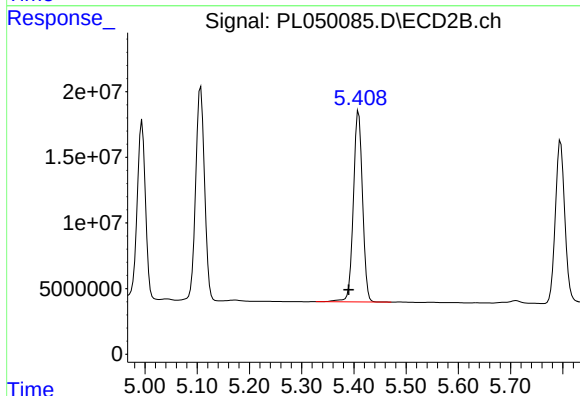
R.T.: 8.102 min
Delta R.T.: -0.005 min
Response: 108797022
Conc: 43.03 ng/ml



#24 Chlordane-2

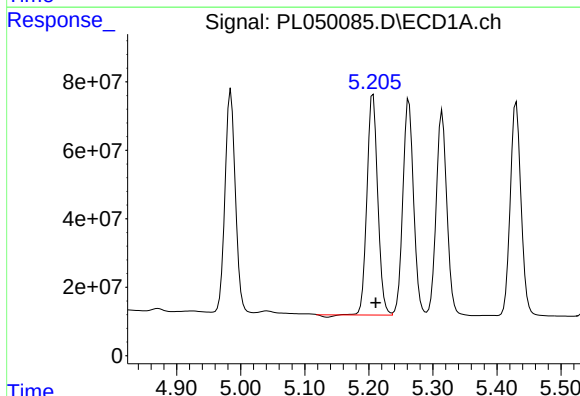
R.T.: 0.000 min
Exp R.T.: 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



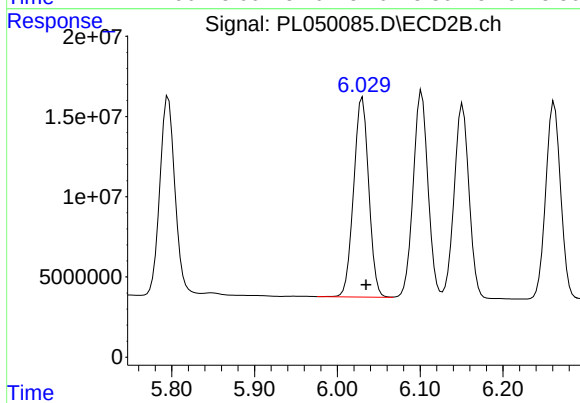
#24 Chlordane-2

R.T.: 5.409 min
Delta R.T.: 0.019 min
Response: 176953460
Conc: 1139.13 ng/ml



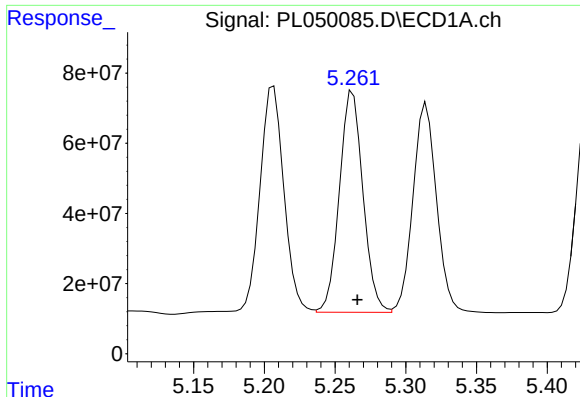
#25 Chlordane-3

R.T.: 5.207 min
Delta R.T.: -0.004 min
Response: 751243185
Conc: 399.98 ng/ml



#25 Chlordane-3

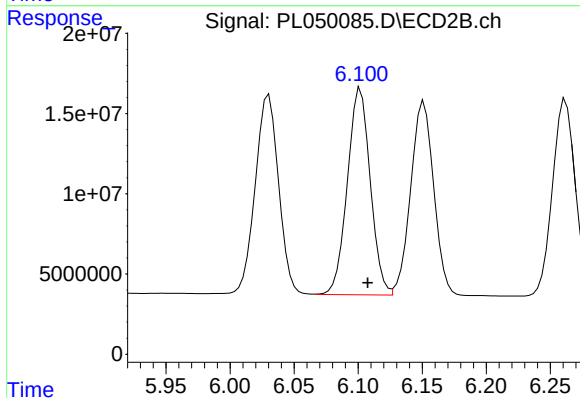
R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 157817259
Conc: 317.14 ng/ml



#26 Chlordane-4

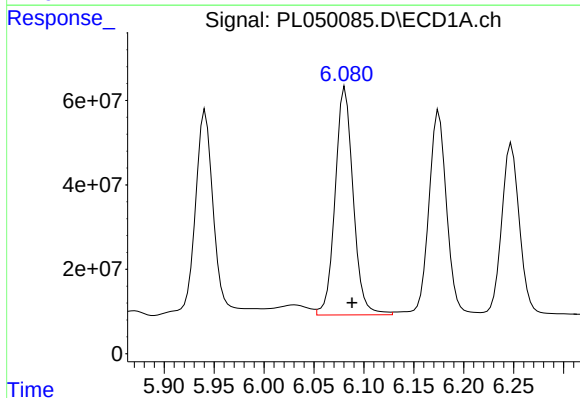
R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 732839122
Conc: 419.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



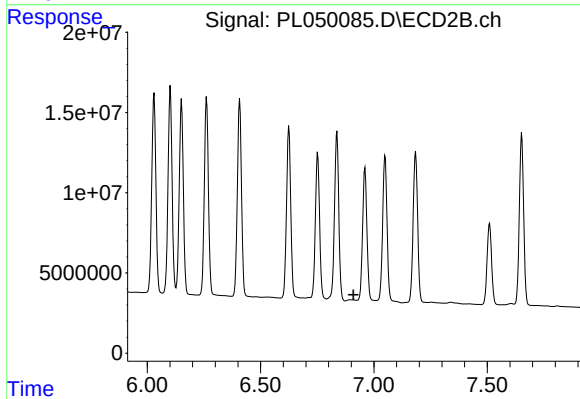
#26 Chlordane-4

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 160465221
Conc: 269.99 ng/ml



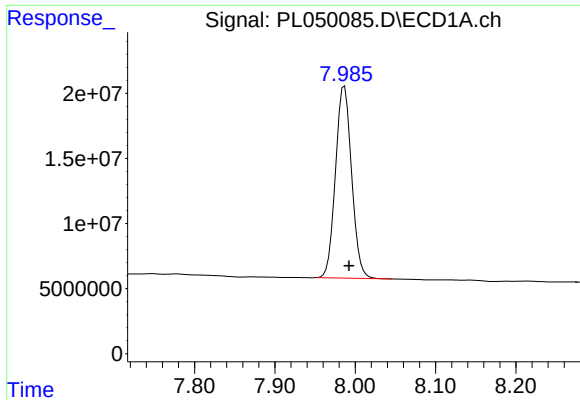
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 678901874
Conc: 1209.72 ng/ml



#27 Chlordane-5

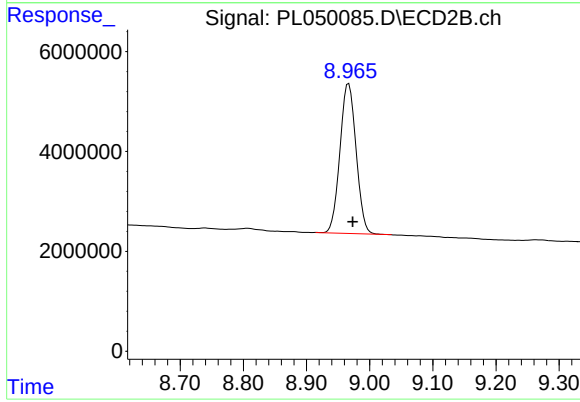
R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: -0.005 min
Response: 205853489
Conc: 16.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-009-B218-062419MSD



#28 Decachlorobiphenyl

R.T.: 8.967 min
Delta R.T.: -0.006 min
Response: 53361823
Conc: 15.90 ng/ml