

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121819\
 Data File : PL055087.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2019 19:30
 Operator : SG\AJ
 Sample : PB125578BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 02:14:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 18 14:58:42 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...	3.536	4.049	182.5E6	52083284	15.688	20.410 #
28)	SA Decachlor...	8.315	9.149	155.8E6	41363174	16.269	17.253
Target Compounds							
2)	A alpha-BHC	3.979	4.441	739.4E6	168.1E6	38.948	47.457
3)	MA gamma-BHC...	4.266	4.726	689.5E6	156.4E6	40.452	47.964
4)	MA Heptachlor	4.571	5.236	714.8E6	144.6E6	40.536	47.911
5)	MB Aldrin	4.823	5.541	708.5E6	141.2E6	43.464	50.659
6)	B beta-BHC	4.516	4.898	302.5E6	68040539	40.785	48.317
7)	B delta-BHC	4.724	5.115	402.3E6	87848313	24.752	32.949 #
8)	B Heptachlo...	5.268	5.928	653.2E6	124.8E6	43.186	49.955
9)	A Endosulfan I	5.609	6.286	592.2E6	117.1E6	43.424	47.339
10)	B gamma-Chl...	5.496	6.162	655.2E6	125.5E6	43.204	47.630
11)	B alpha-Chl...	5.555	6.235	630.0E6	123.5E6	42.723	47.020
12)	B 4,4'-DDE	5.717	6.392	589.8E6	118.3E6	44.332	47.784
13)	MA Dieldrin	5.854	6.544	612.4E6	120.2E6	43.188	47.224
14)	MA Endrin	6.112	6.762	479.6E6	87593303	37.660	39.538
15)	B Endosulfa...	6.385	6.972	479.8E6	104.2E6	39.649	44.329
16)	A 4,4'-DDD	6.234	6.884	432.5E6	93813857	44.282	48.860
17)	MA 4,4'-DDT	6.476	7.184	400.6E6	83777193	38.243	42.283
18)	B Endrin al...	6.553	7.097	411.1E6	90258478	41.509	46.046
19)	B Endosulfa...	6.767	7.321	434.9E6	94593898	40.613	44.609
20)	A Methoxychlor	7.021	7.644	190.4E6	44588810	37.990	39.089
21)	B Endrin ke...	7.261	7.795	493.0E6	110.7E6	45.354	49.168
22)	Mirex	7.452	8.252	318.8E6	75166489	39.266	43.491
23)	Chlordane-1	4.446f	0.000	2888085	0	6.730	N.D. #
24)	Chlordane-2	0.000	5.541f	0	141.2E6	N.D.	1328.504 #
25)	Chlordane-3	5.496	6.162	655.2E6	125.5E6	486.117	342.228 #
26)	Chlordane-4	5.555	6.235	630.0E6	123.5E6	568.221	283.887 #
27)	Chlordane-5	6.385	0.000	479.8E6	0	1297.234	N.D. #

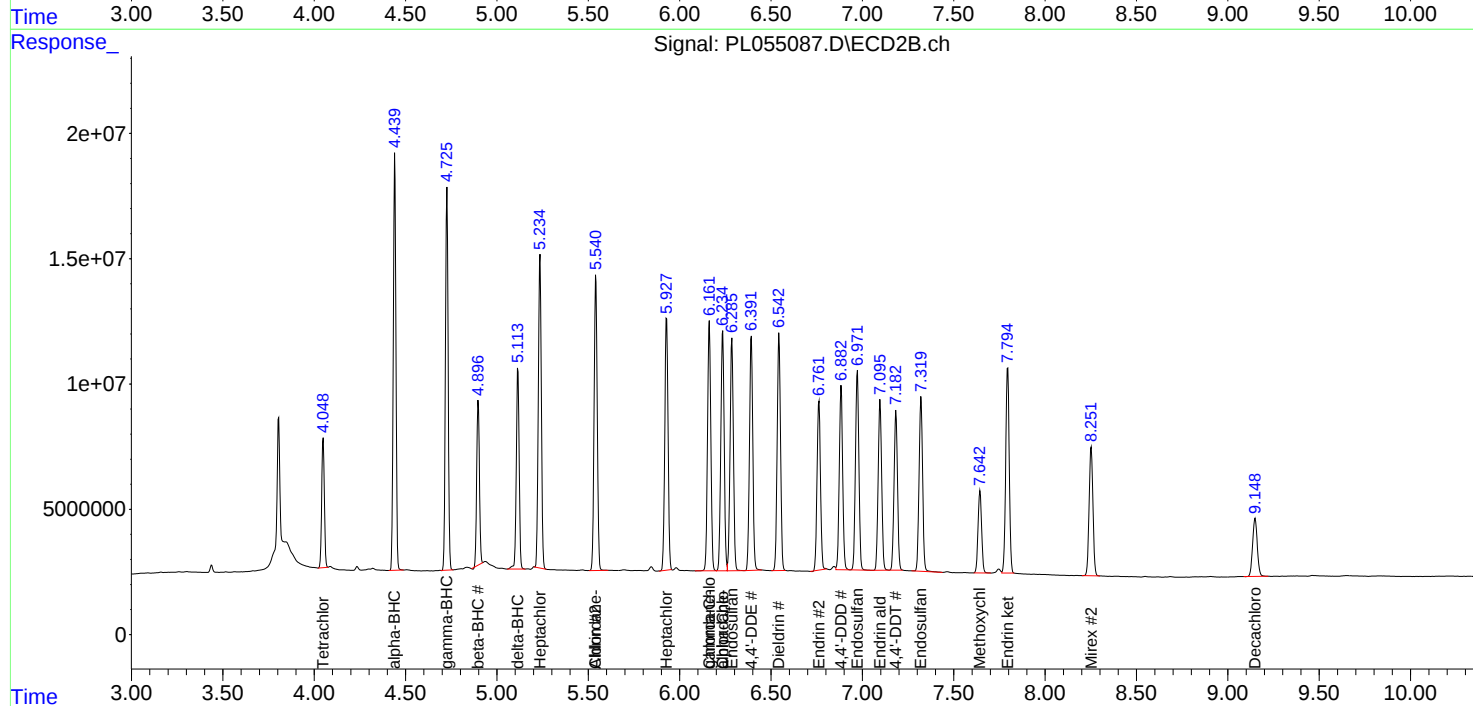
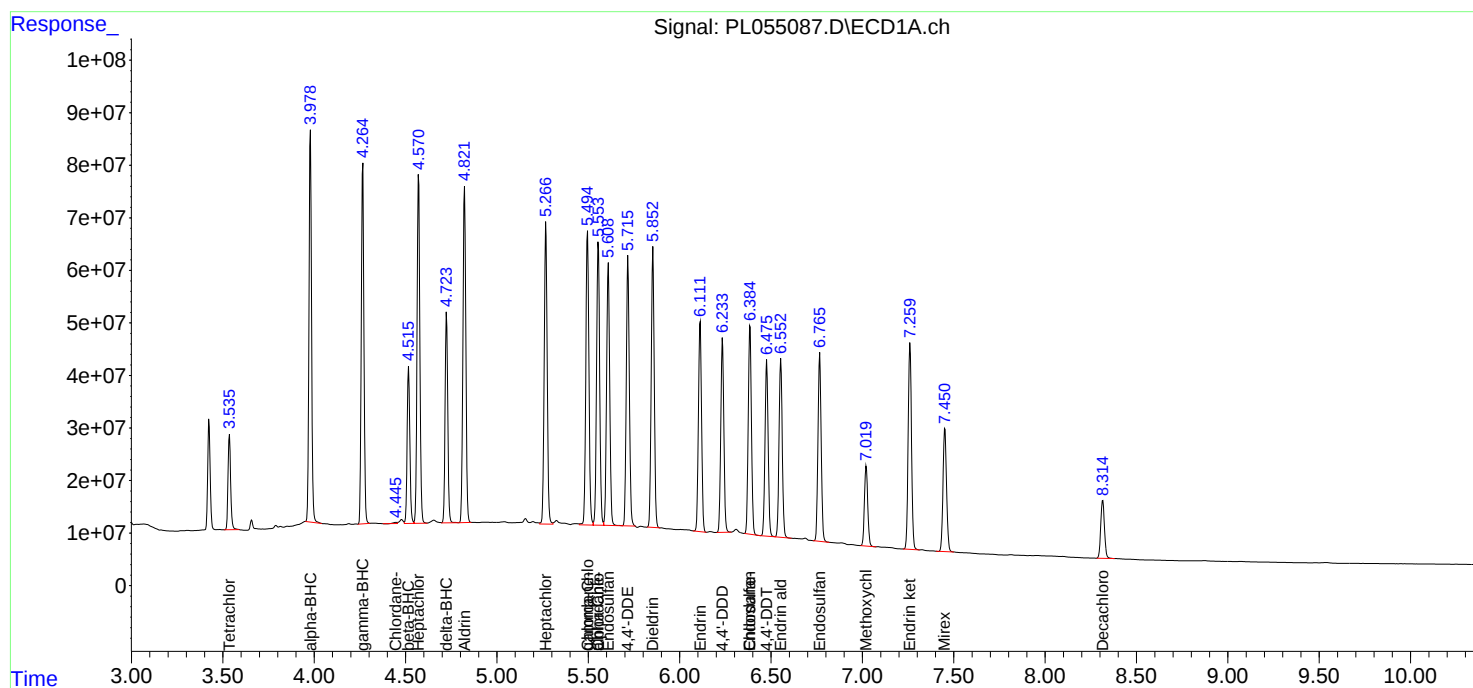
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

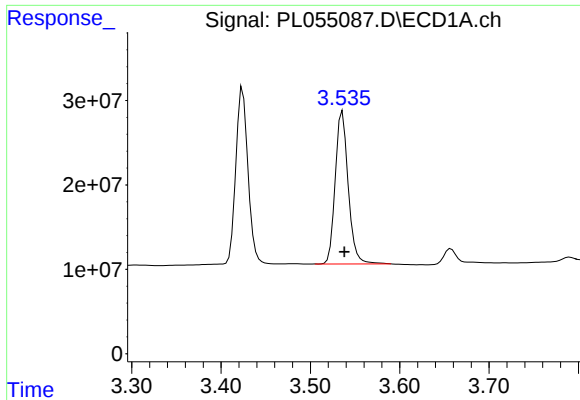
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121819\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

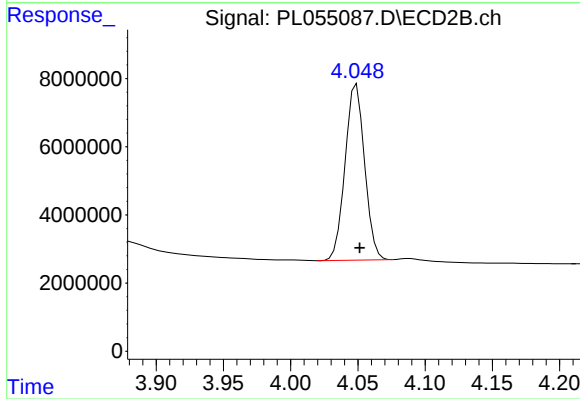




#1 Tetrachloro-m-xylene

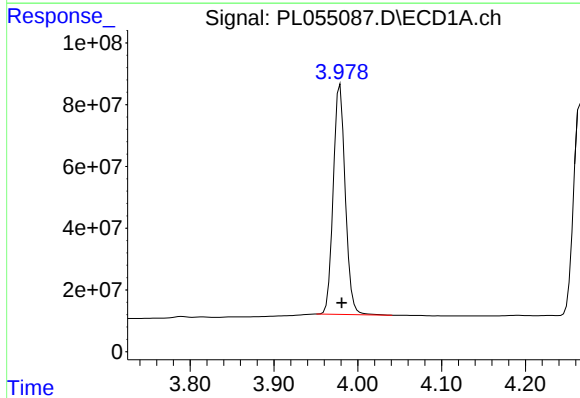
R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 182511641
Conc: 15.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



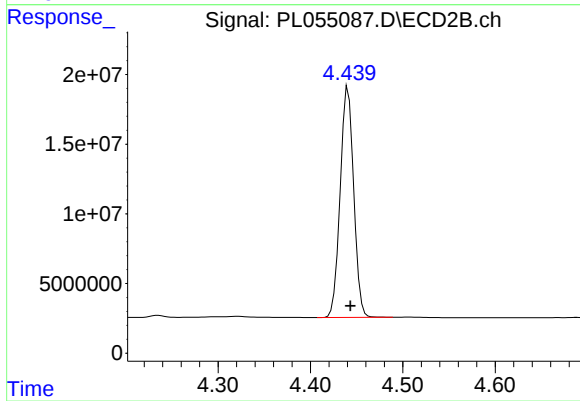
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 52083284
Conc: 20.41 ng/ml



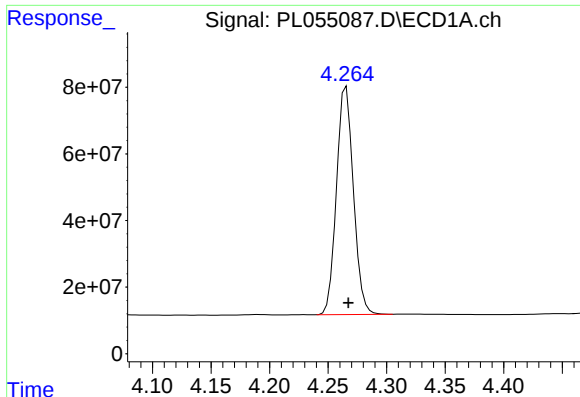
#2 alpha-BHC

R.T.: 3.979 min
Delta R.T.: -0.002 min
Response: 739384536
Conc: 38.95 ng/ml



#2 alpha-BHC

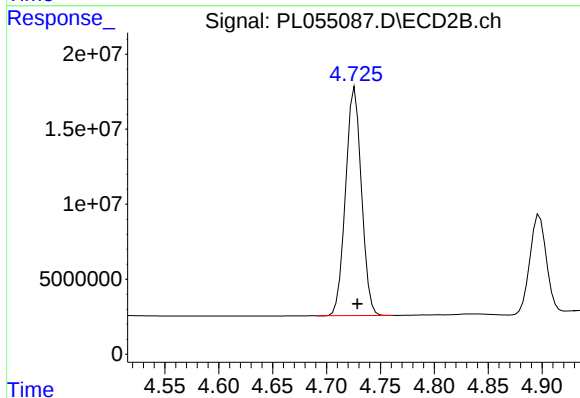
R.T.: 4.441 min
Delta R.T.: -0.002 min
Response: 168128160
Conc: 47.46 ng/ml



#3 gamma-BHC (Lindane)

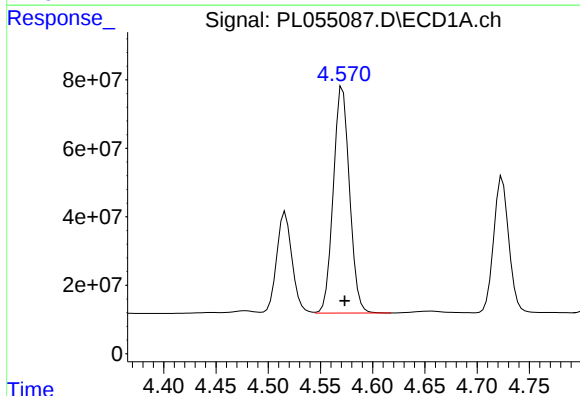
R.T.: 4.266 min
Delta R.T.: -0.002 min
Response: 689539138
Conc: 40.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



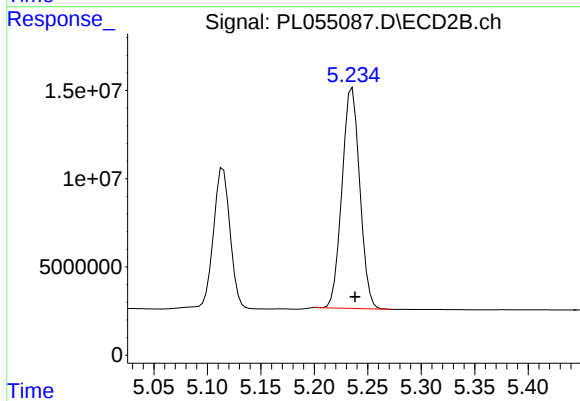
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: -0.002 min
Response: 156387932
Conc: 47.96 ng/ml



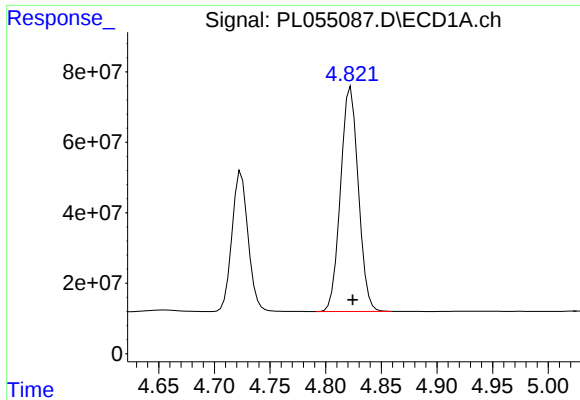
#4 Heptachlor

R.T.: 4.571 min
Delta R.T.: -0.002 min
Response: 714783800
Conc: 40.54 ng/ml



#4 Heptachlor

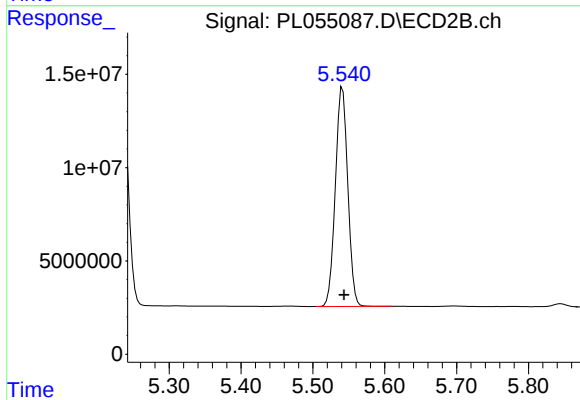
R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 144594058
Conc: 47.91 ng/ml



#5 Aldrin

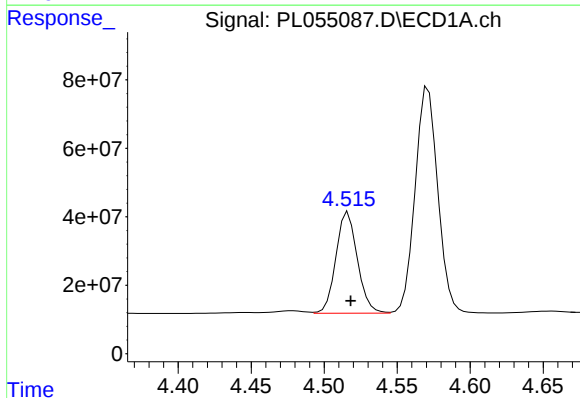
R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 708463355
Conc: 43.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



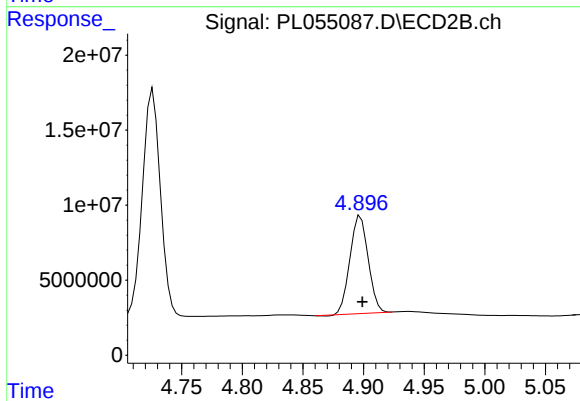
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 141161214
Conc: 50.66 ng/ml



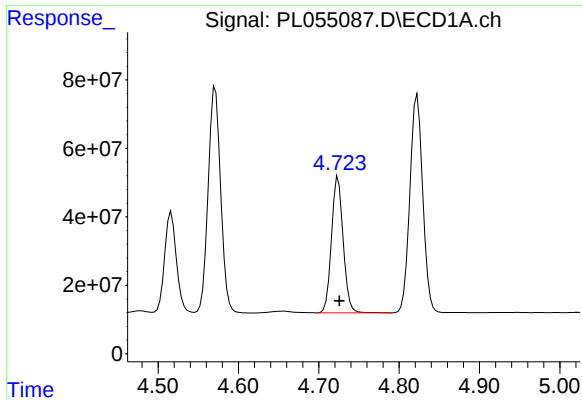
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 302494857
Conc: 40.78 ng/ml



#6 beta-BHC

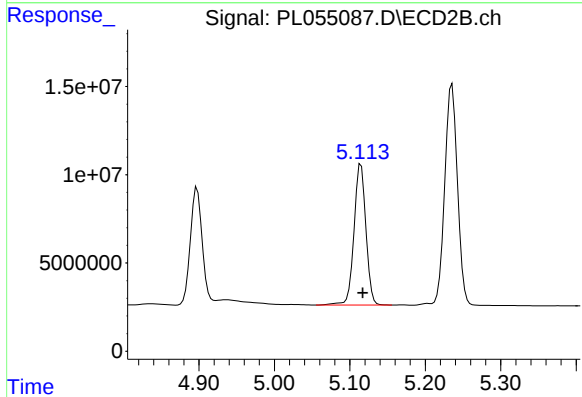
R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 68040539
Conc: 48.32 ng/ml



#7 delta-BHC

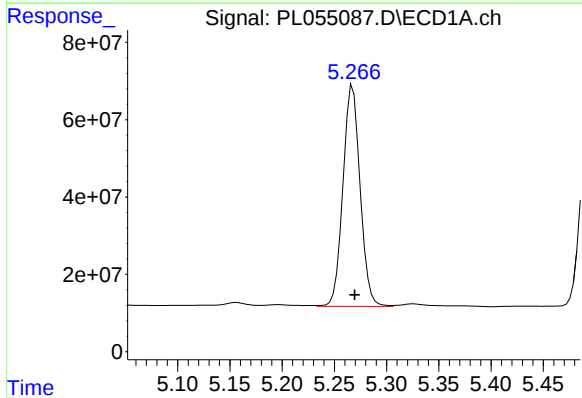
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 402342646
Conc: 24.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



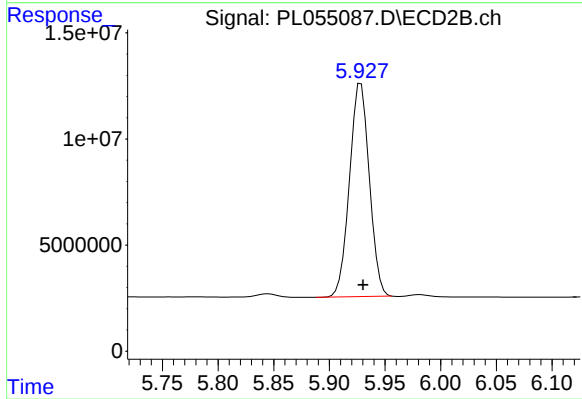
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 87848313
Conc: 32.95 ng/ml



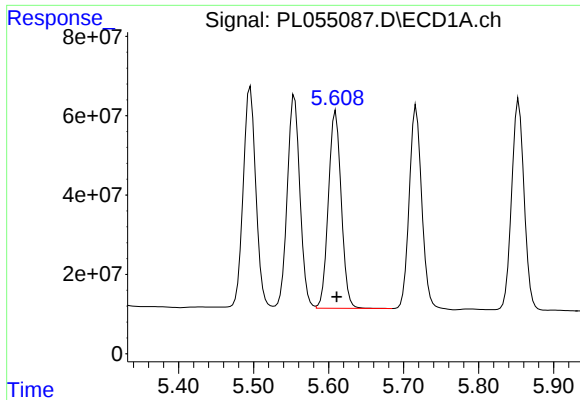
#8 Heptachlor epoxide

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 653241562
Conc: 43.19 ng/ml



#8 Heptachlor epoxide

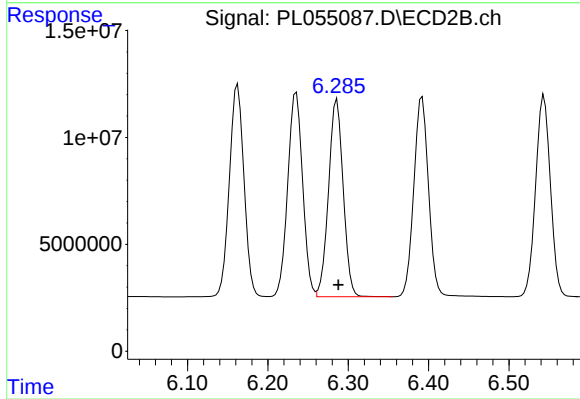
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 124796740
Conc: 49.95 ng/ml



#9 Endosulfan I

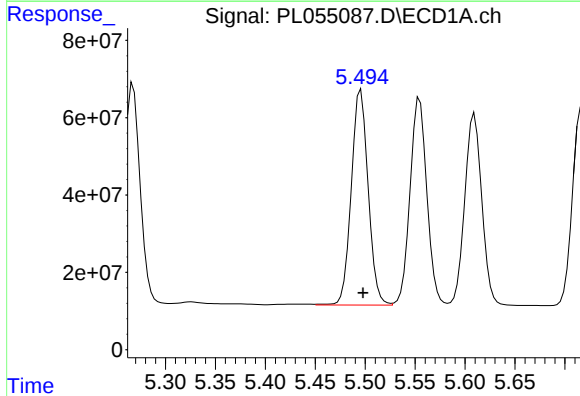
R.T.: 5.609 min
Delta R.T.: -0.002 min
Response: 592159799
Conc: 43.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



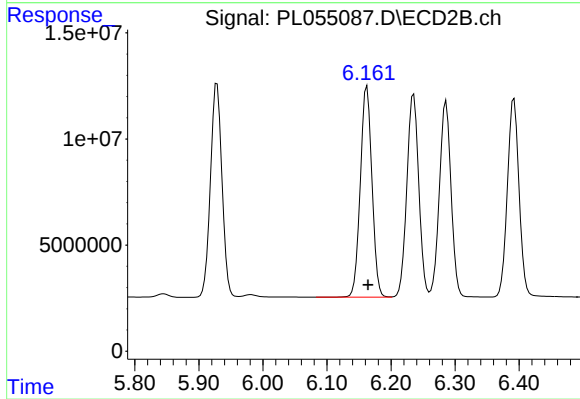
#9 Endosulfan I

R.T.: 6.286 min
Delta R.T.: -0.002 min
Response: 117094627
Conc: 47.34 ng/ml



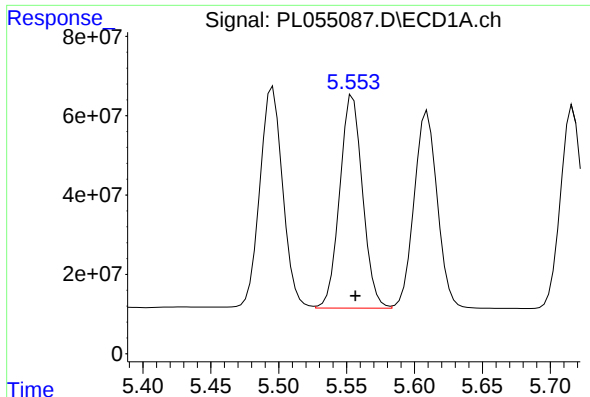
#10 gamma-Chlordane

R.T.: 5.496 min
Delta R.T.: -0.002 min
Response: 655159391
Conc: 43.20 ng/ml



#10 gamma-Chlordane

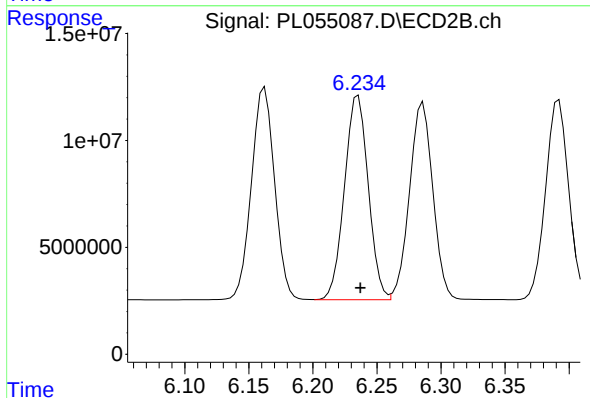
R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 125474245
Conc: 47.63 ng/ml



#11 alpha-Chlordane

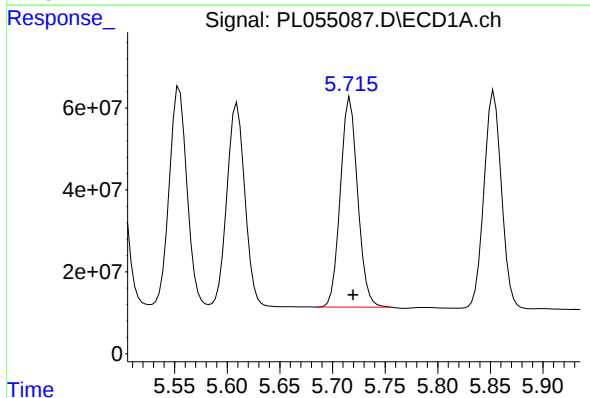
R.T.: 5.555 min
Delta R.T.: -0.002 min
Response: 629993269
Conc: 42.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



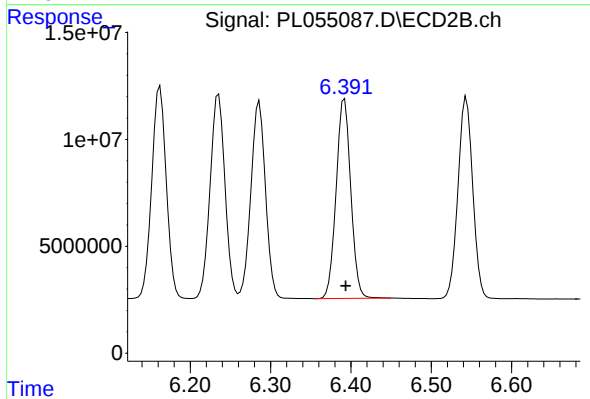
#11 alpha-Chlordane

R.T.: 6.235 min
Delta R.T.: -0.002 min
Response: 123457665
Conc: 47.02 ng/ml



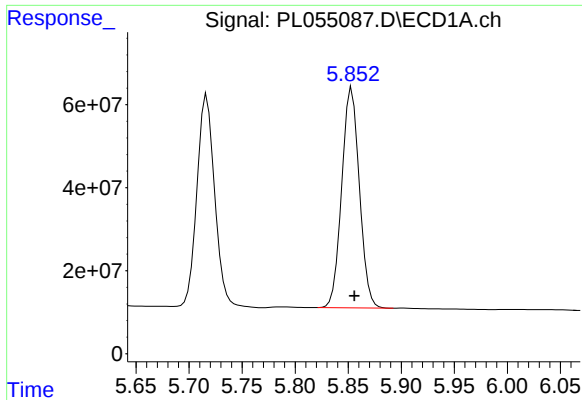
#12 4,4'-DDE

R.T.: 5.717 min
Delta R.T.: -0.003 min
Response: 589823462
Conc: 44.33 ng/ml



#12 4,4'-DDE

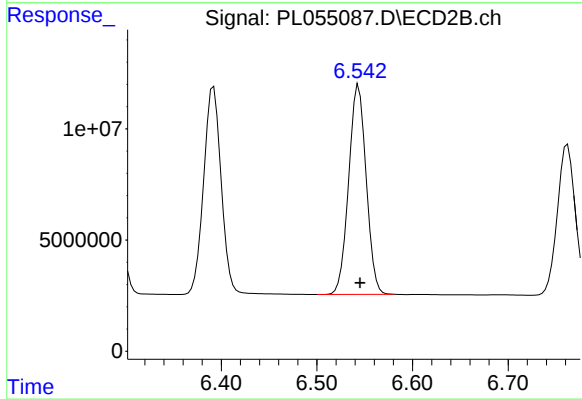
R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 118284690
Conc: 47.78 ng/ml



#13 Dieldrin

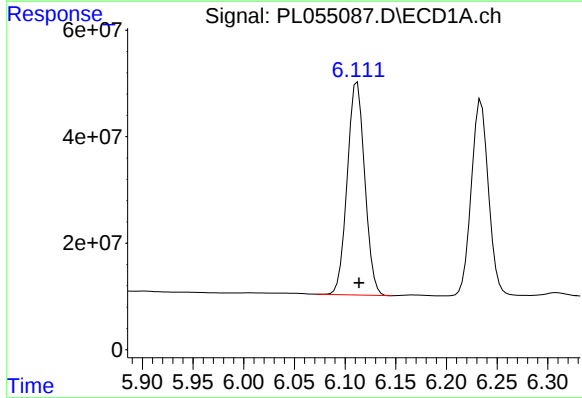
R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 612431233
Conc: 43.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



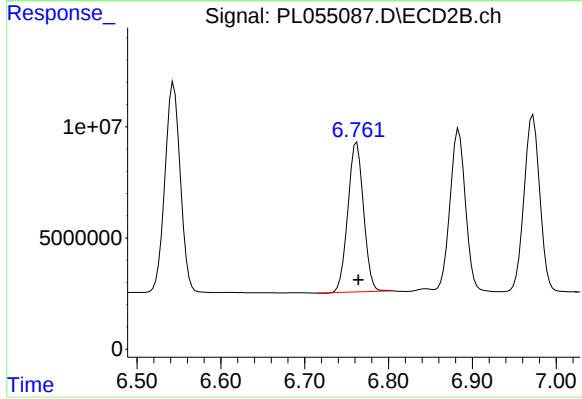
#13 Dieldrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 120200764
Conc: 47.22 ng/ml



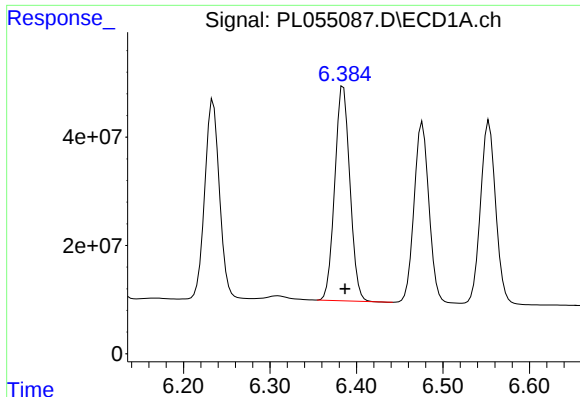
#14 Endrin

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 479554255
Conc: 37.66 ng/ml



#14 Endrin

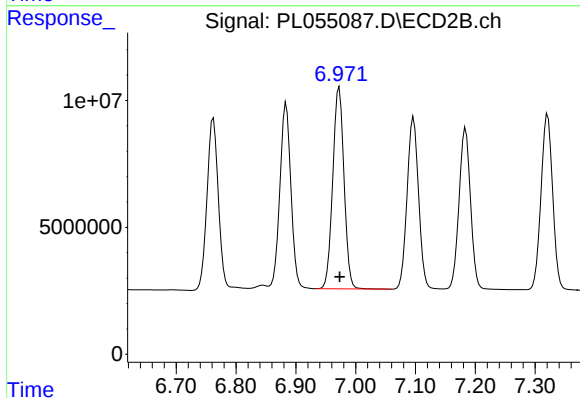
R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 87593303
Conc: 39.54 ng/ml



#15 Endosulfan II

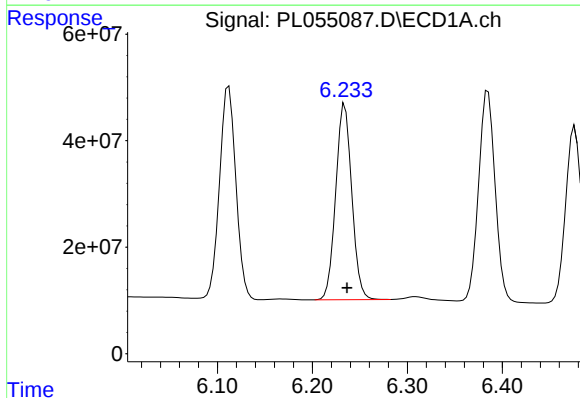
R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 479759331
Conc: 39.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



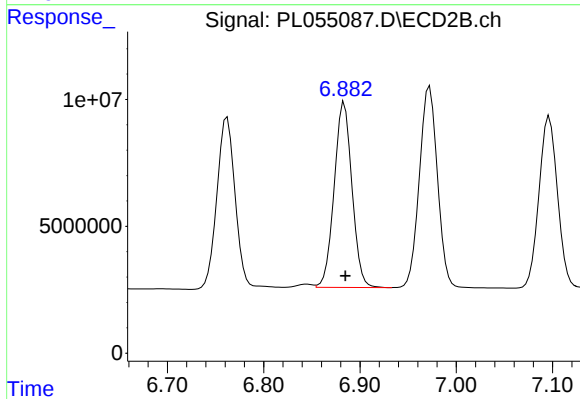
#15 Endosulfan II

R.T.: 6.972 min
Delta R.T.: 0.000 min
Response: 104218032
Conc: 44.33 ng/ml



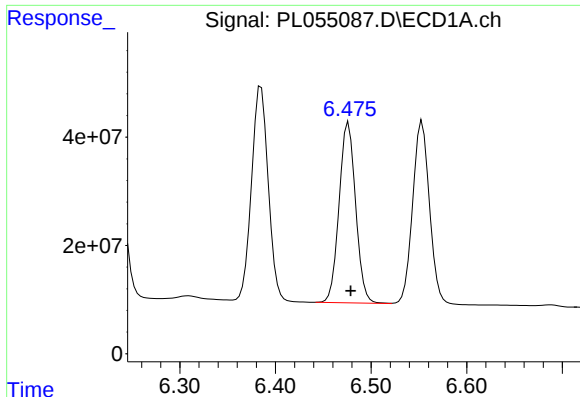
#16 4,4'-DDD

R.T.: 6.234 min
Delta R.T.: -0.002 min
Response: 432515187
Conc: 44.28 ng/ml



#16 4,4'-DDD

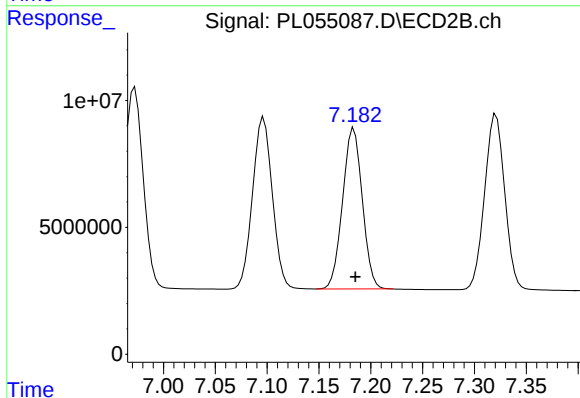
R.T.: 6.884 min
Delta R.T.: -0.001 min
Response: 93813857
Conc: 48.86 ng/ml



#17 4,4'-DDT

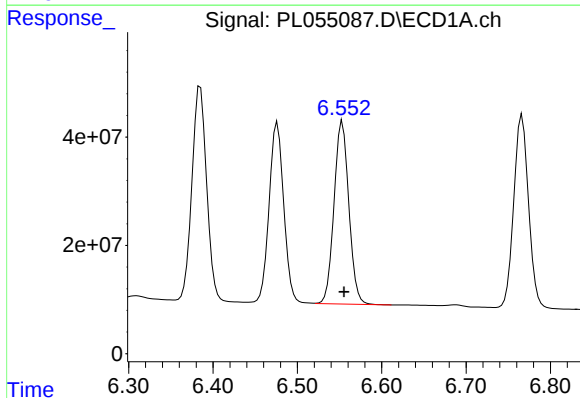
R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 400649486
Conc: 38.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



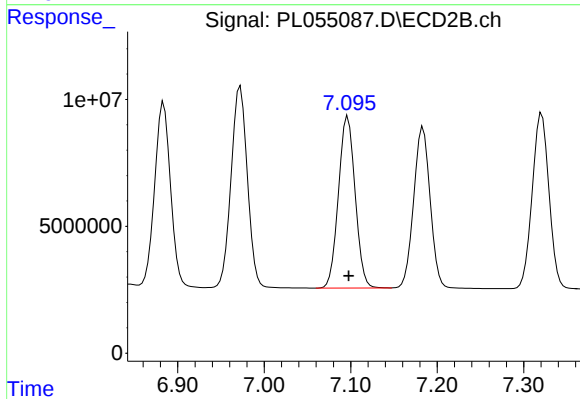
#17 4,4'-DDT

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 83777193
Conc: 42.28 ng/ml



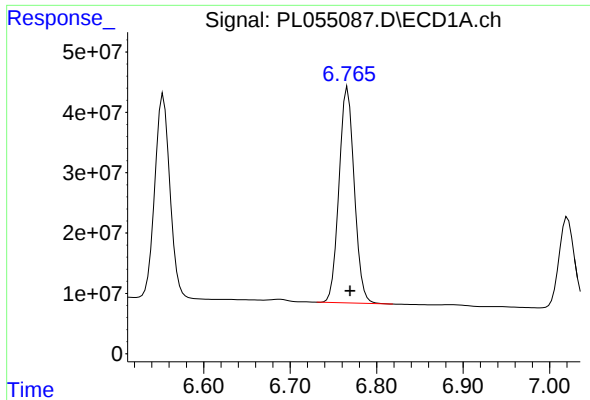
#18 Endrin aldehyde

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 411056521
Conc: 41.51 ng/ml



#18 Endrin aldehyde

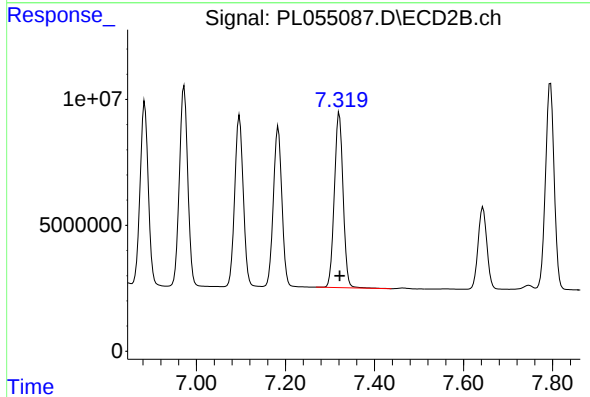
R.T.: 7.097 min
Delta R.T.: -0.001 min
Response: 90258478
Conc: 46.05 ng/ml



#19 Endosulfan Sulfate

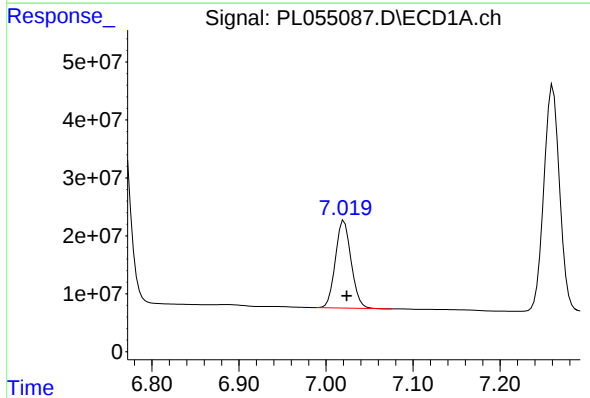
R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 434921195
Conc: 40.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



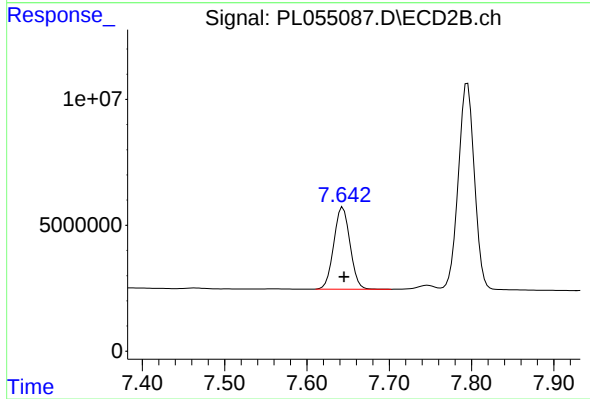
#19 Endosulfan Sulfate

R.T.: 7.321 min
Delta R.T.: 0.000 min
Response: 94593898
Conc: 44.61 ng/ml



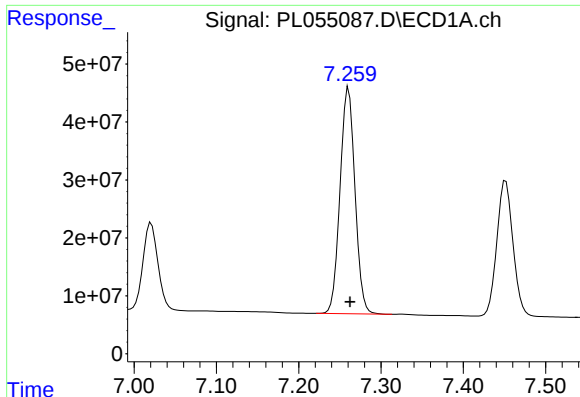
#20 Methoxychlor

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 190396279
Conc: 37.99 ng/ml



#20 Methoxychlor

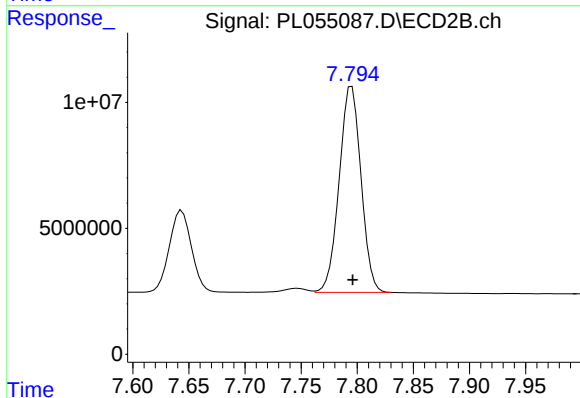
R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 44588810
Conc: 39.09 ng/ml



#21 Endrin ketone

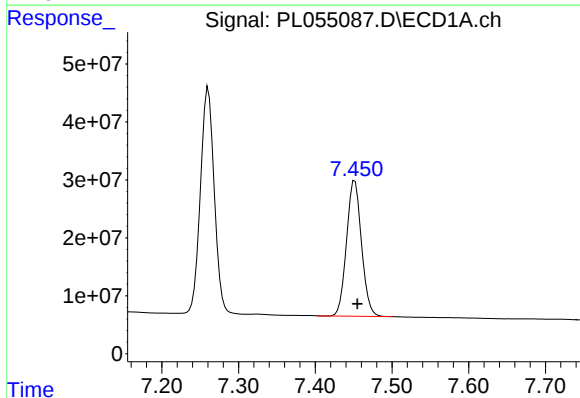
R.T.: 7.261 min
Delta R.T.: -0.002 min
Response: 492960188
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



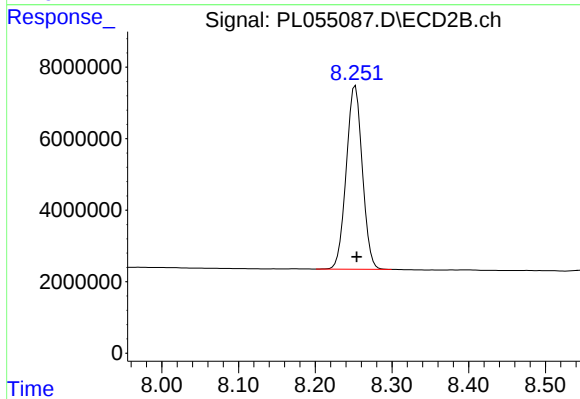
#21 Endrin ketone

R.T.: 7.795 min
Delta R.T.: 0.000 min
Response: 110672437
Conc: 49.17 ng/ml



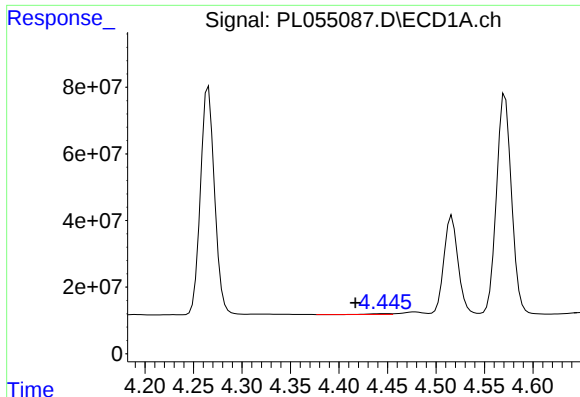
#22 Mirex

R.T.: 7.452 min
Delta R.T.: -0.003 min
Response: 318775855
Conc: 39.27 ng/ml



#22 Mirex

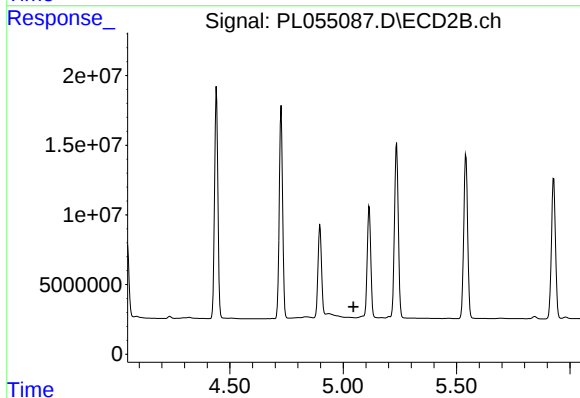
R.T.: 8.252 min
Delta R.T.: -0.002 min
Response: 75166489
Conc: 43.49 ng/ml



#23 Chlordane-1

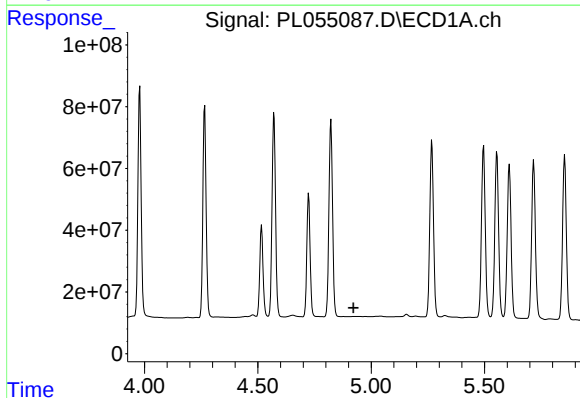
R.T.: 4.446 min
Delta R.T.: 0.029 min
Response: 2888085
Conc: 6.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



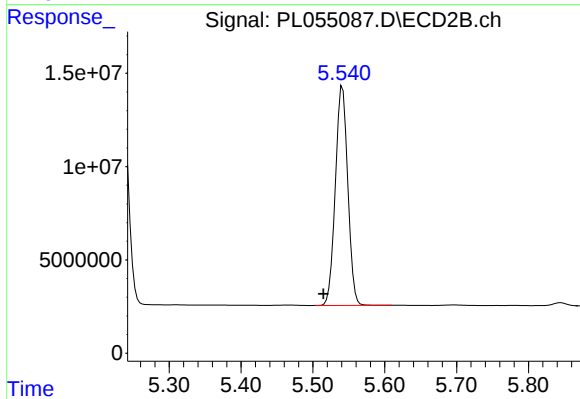
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.046 min
Response: 0
Conc: N.D.



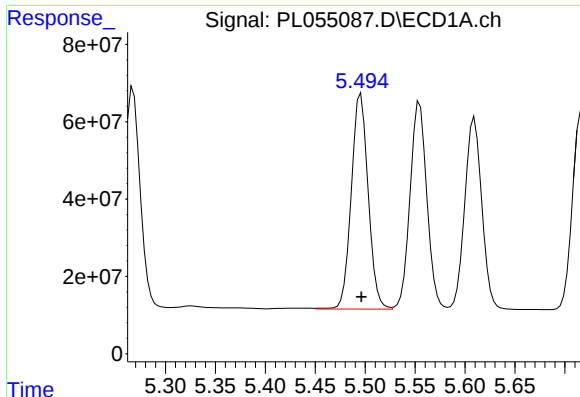
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.922 min
Response: 0
Conc: N.D.



#24 Chlordane-2

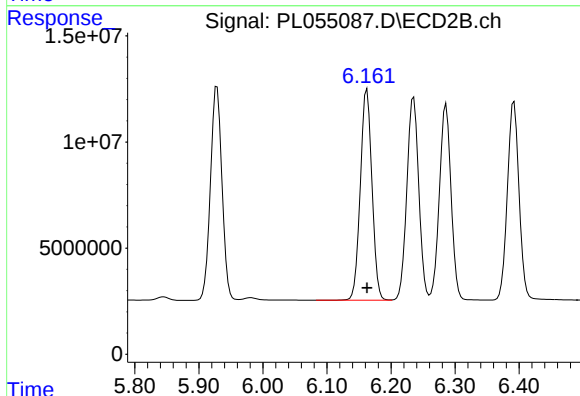
R.T.: 5.541 min
Delta R.T.: 0.027 min
Response: 141161214
Conc: 1328.50 ng/ml



#25 Chlordane-3

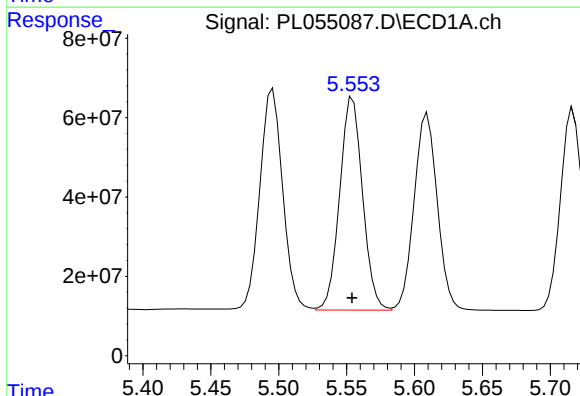
R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 655159391
Conc: 486.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



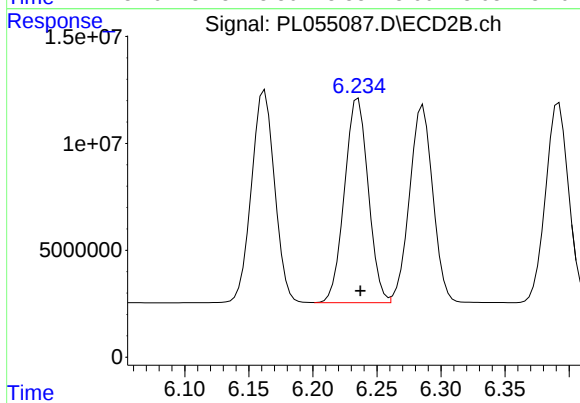
#25 Chlordane-3

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 125474245
Conc: 342.23 ng/ml



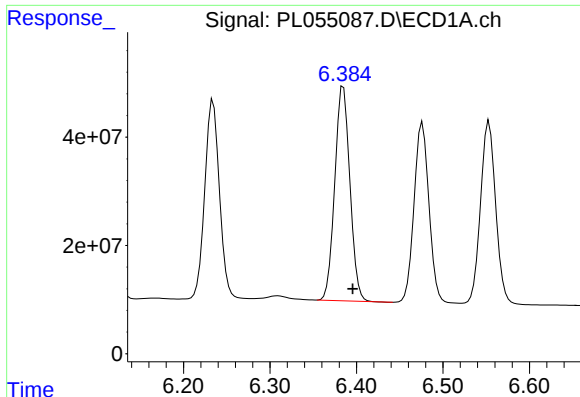
#26 Chlordane-4

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 629993269
Conc: 568.22 ng/ml



#26 Chlordane-4

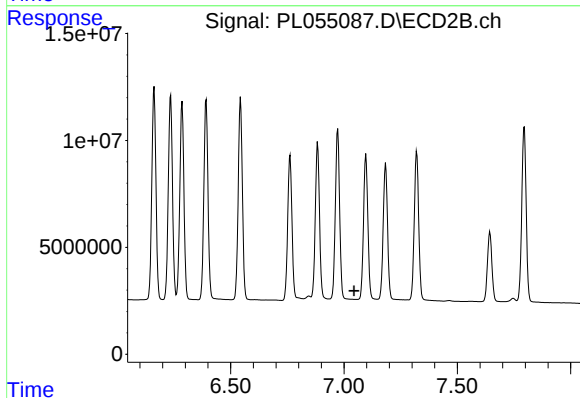
R.T.: 6.235 min
Delta R.T.: -0.002 min
Response: 123457665
Conc: 283.89 ng/ml



#27 Chlordane-5

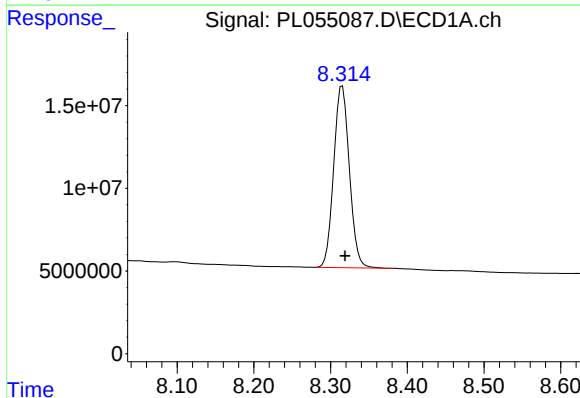
R.T.: 6.385 min
Delta R.T.: -0.011 min
Response: 479759331
Conc: 1297.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



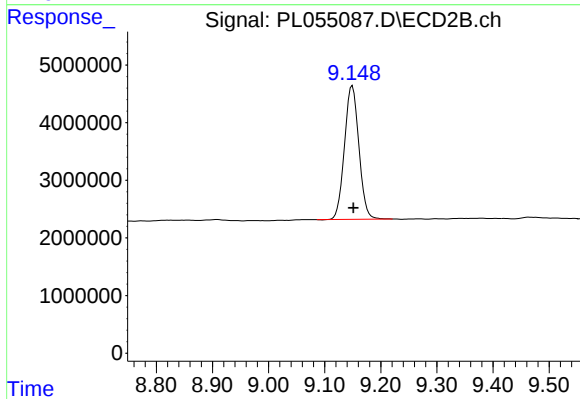
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.044 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.315 min
Delta R.T.: -0.003 min
Response: 155790095
Conc: 16.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.149 min
Delta R.T.: -0.002 min
Response: 41363174
Conc: 17.25 ng/ml