

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052725\
 Data File : PL095789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2025 11:58
 Operator : AR\AJ
 Sample : Q2109-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

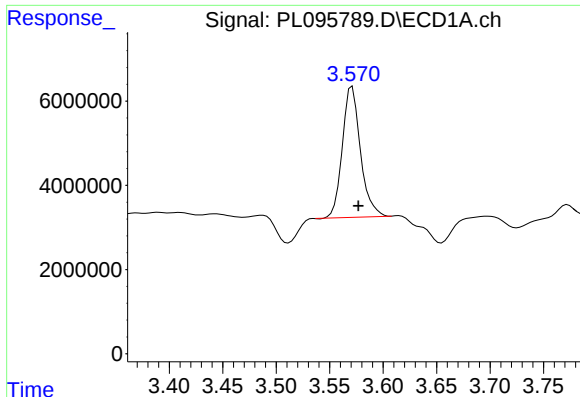
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 13:28:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.571	2.884	36666033	60223635	11.621	15.387 #
2)	SA Decachlor...	9.101	8.058	34358836	40728103	14.581	9.310 #
Target Compounds							
2)	A alpha-BHC	4.023	3.394	195.5E6	240.9E6	40.318	41.133
3)	MA gamma-BHC...	4.354	3.727	188.0E6	218.8E6	42.039	39.056
4)	MA Heptachlor	4.952	4.080	169.1E6	219.9E6	44.686	39.210
5)	MB Aldrin	5.294	4.365	173.2E6	212.5E6	40.489	40.040
6)	B beta-BHC	4.542	4.024	52491935	100.1E6	26.627	40.385 #
7)	B delta-BHC	4.790	4.258	182.9E6	213.6E6	41.246	37.819
8)	B Heptachlo...	5.715	4.867	146.8E6	199.0E6	38.461	40.310
9)	A Endosulfan I	6.098	5.240	155.5E6	161.6E6	42.439	33.919
10)	B gamma-Chl...	5.970	5.119	159.5E6	210.7E6	40.973	40.111
11)	B alpha-Chl...	6.051	5.183	158.7E6	216.0E6	40.192	41.515
12)	B 4,4'-DDE	6.222	5.370	102.5E6	191.1E6	27.951	35.639 #
13)	MA Dieldrin	6.371	5.504	146.5E6	200.7E6	37.957	37.865
14)	MA Endrin	6.598	5.778	109.1E6	172.5E6	33.825	35.379
15)	B Endosulfa...	6.812	6.069	124.9E6	187.8E6	36.240	39.521
16)	A 4,4'-DDD	6.730	5.922	106.2E6	164.6E6	36.240	37.543
17)	MA 4,4'-DDT	7.046	6.174	96269005	150.2E6	35.587	31.403
18)	B Endrin al...	6.940	6.246	91378182	128.7E6	37.797	37.244
19)	B Endosulfa...	7.174	6.470	110.8E6	144.2E6	37.081	32.077
20)	A Methoxychlor	7.519	6.745	42957046	78028939	33.683	29.826
21)	B Endrin ke...	7.656	6.974	118.9E6	146.5E6	37.537	28.309
22)	Mirex	8.136	7.169	90087969	117.3E6	38.936	28.883 #
23)	Chlordane-1	0.000	3.897	0	18124476	N.D.	92.955 #
24)	Chlordane-2	5.294f	4.513f	173.2E6	35062207	901.288	157.404 #
25)	Chlordane-3	5.970	5.119	159.5E6	210.7E6	215.785	319.757 #
26)	Chlordane-4	6.051	5.183	158.7E6	216.0E6	176.555	378.329 #
27)	Chlordane-5	0.000	6.069	0	187.8E6	N.D.	736.651 #

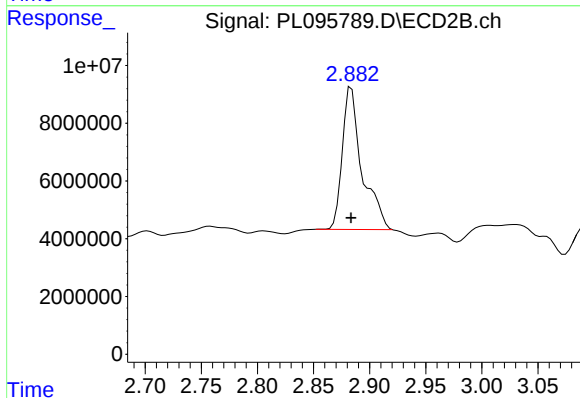
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

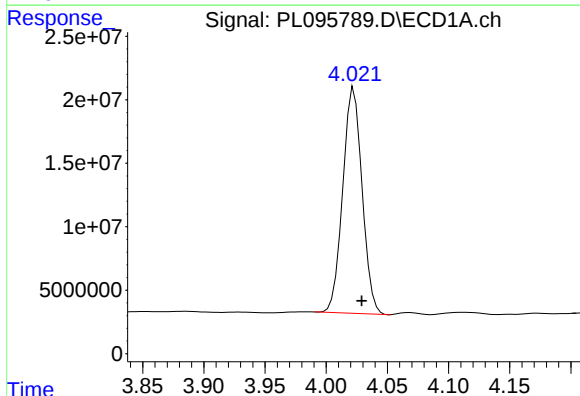
R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 36666033
Conc: 11.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



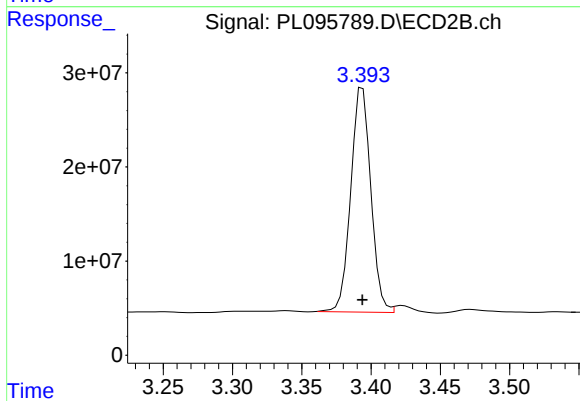
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 60223635
Conc: 15.39 ng/ml



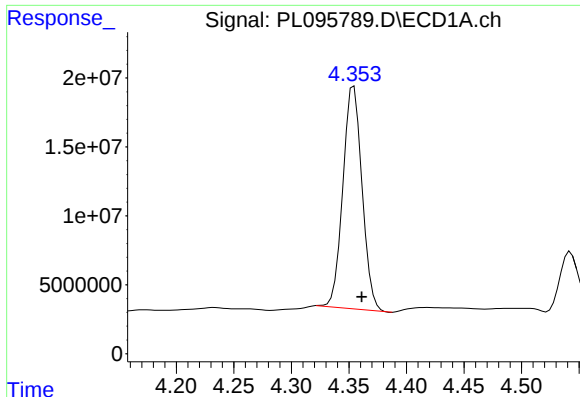
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 195459611
Conc: 40.32 ng/ml



#2 alpha-BHC

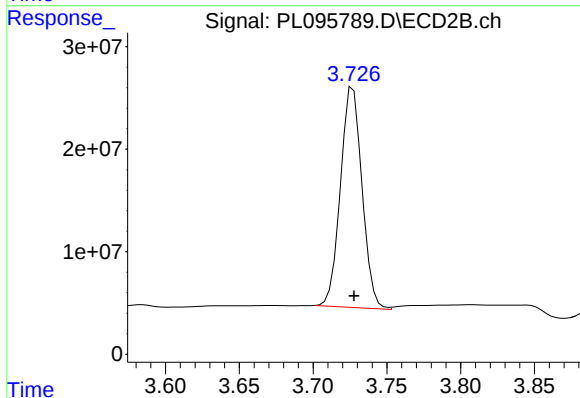
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 240931418
Conc: 41.13 ng/ml



#3 gamma-BHC (Lindane)

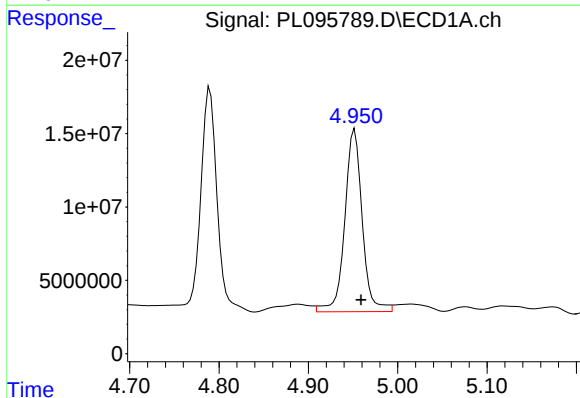
R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 187990742
Conc: 42.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



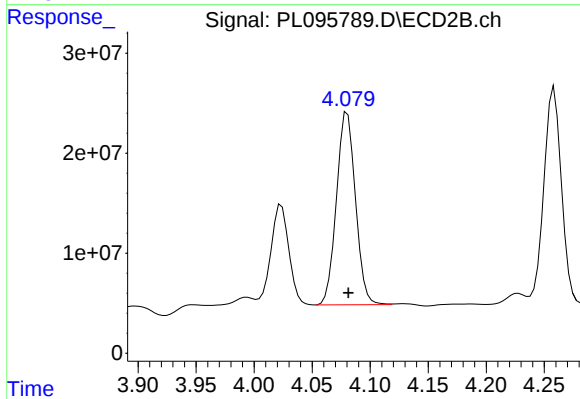
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 218758685
Conc: 39.06 ng/ml



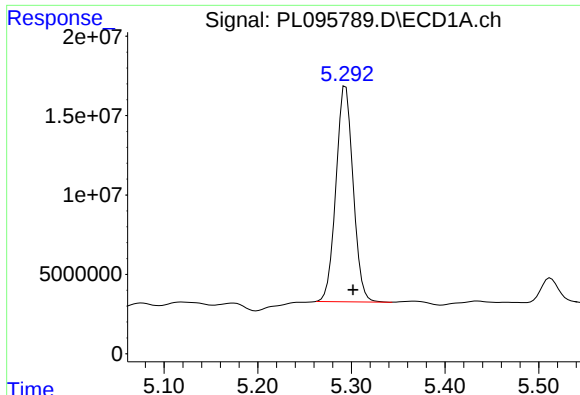
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 169138586
Conc: 44.69 ng/ml



#4 Heptachlor

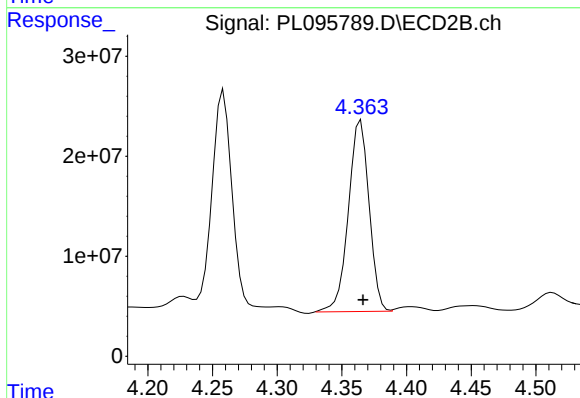
R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 219929836
Conc: 39.21 ng/ml



#5 Aldrin

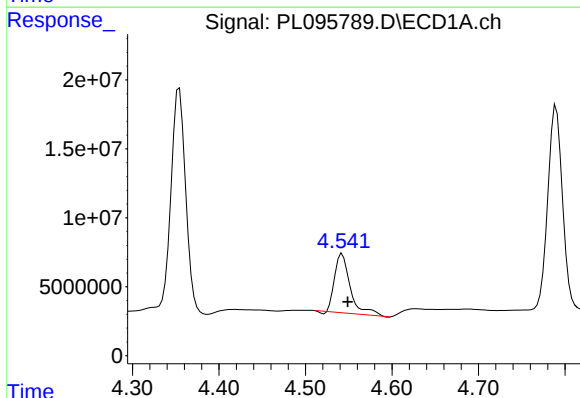
R.T.: 5.294 min
Delta R.T.: -0.008 min
Response: 173202740
Conc: 40.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



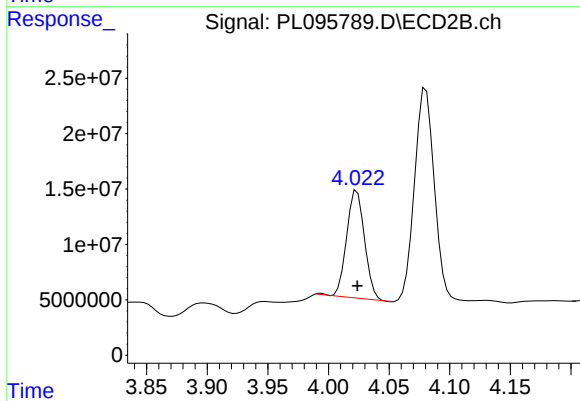
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.002 min
Response: 212496587
Conc: 40.04 ng/ml



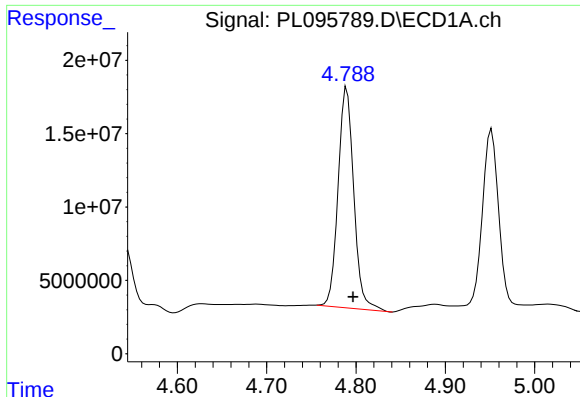
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 52491935
Conc: 26.63 ng/ml



#6 beta-BHC

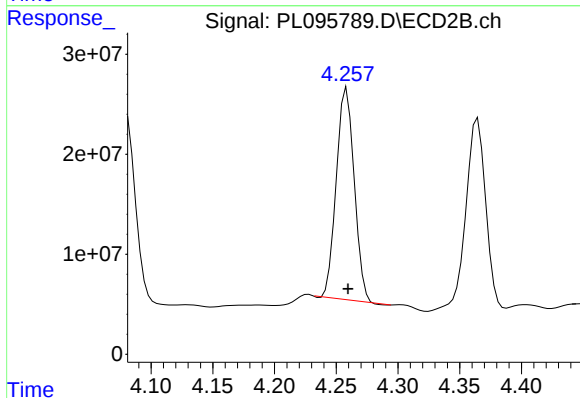
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 100055447
Conc: 40.38 ng/ml



#7 delta-BHC

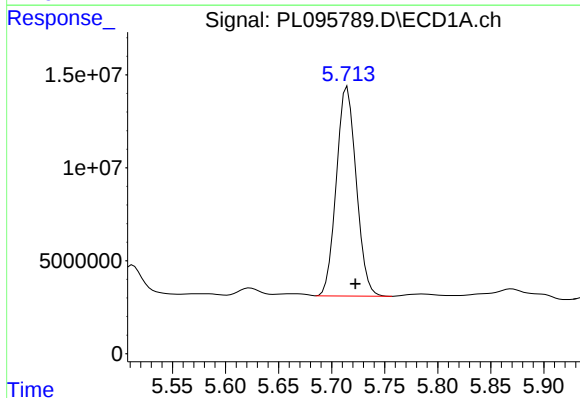
R.T.: 4.790 min
Delta R.T.: -0.007 min
Response: 182867461
Conc: 41.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



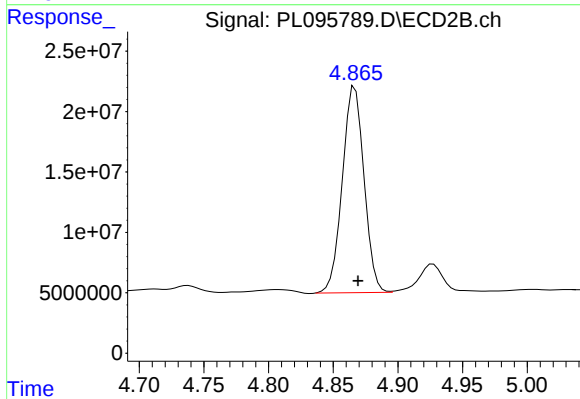
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 213578817
Conc: 37.82 ng/ml



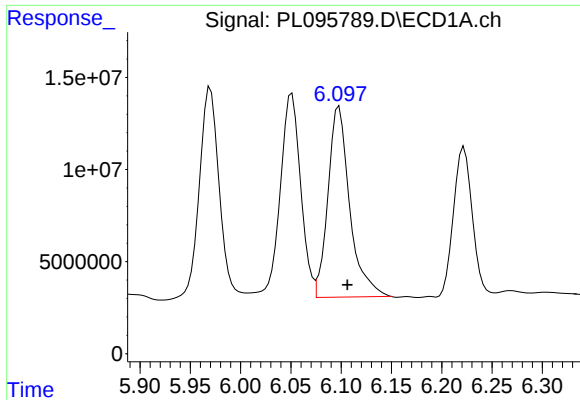
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: -0.007 min
Response: 146799889
Conc: 38.46 ng/ml



#8 Heptachlor epoxide

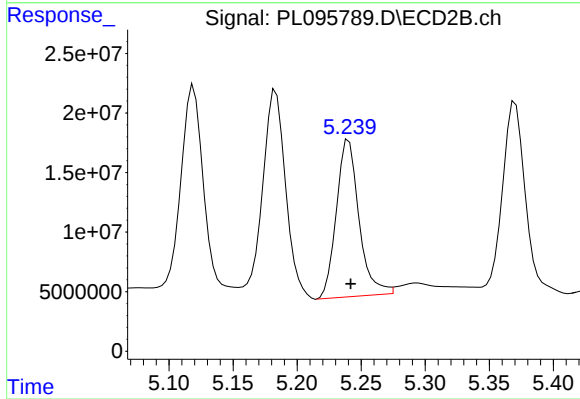
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 199028583
Conc: 40.31 ng/ml



#9 Endosulfan I

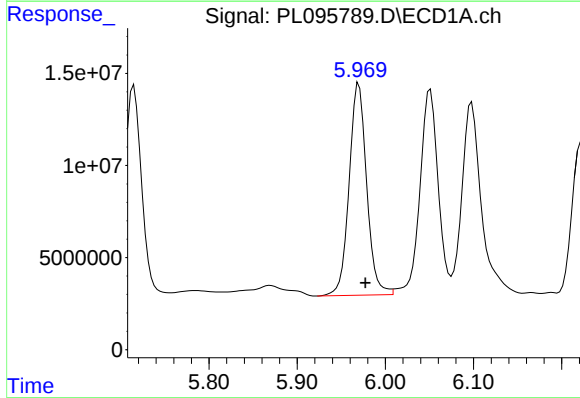
R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 155530999
Conc: 42.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



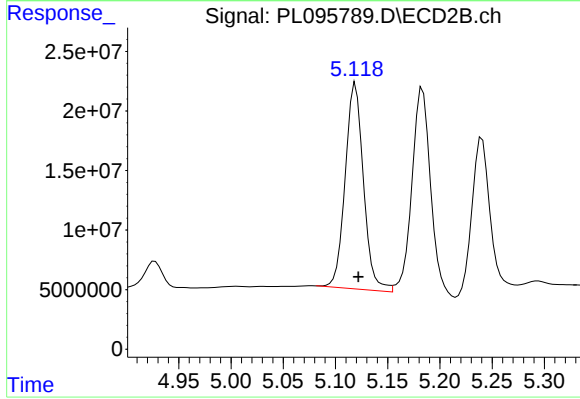
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 161623176
Conc: 33.92 ng/ml



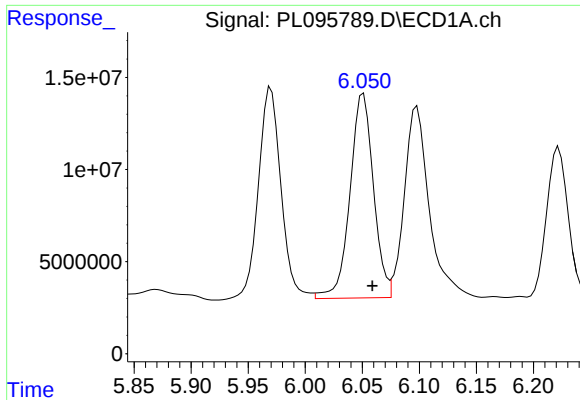
#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: -0.007 min
Response: 159471054
Conc: 40.97 ng/ml



#10 gamma-Chlordane

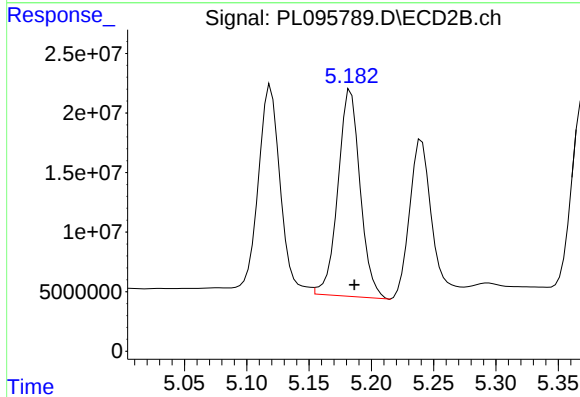
R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 210688845
Conc: 40.11 ng/ml



#11 alpha-Chlordane

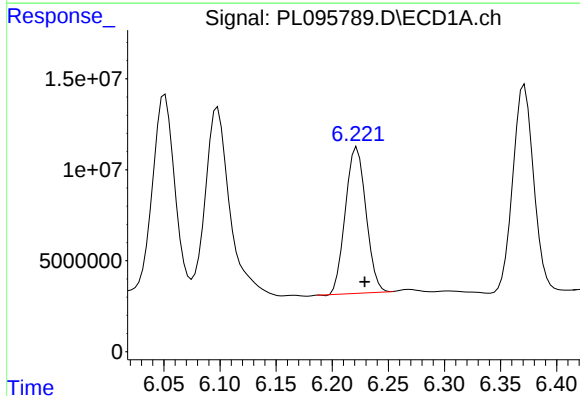
R.T.: 6.051 min
Delta R.T.: -0.008 min
Response: 158685948
Conc: 40.19 ng/ml

Instrument :
ECD_L
ClientSampleId :



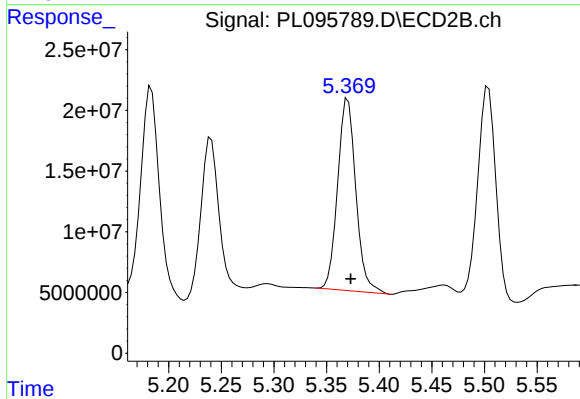
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 215991512
Conc: 41.51 ng/ml



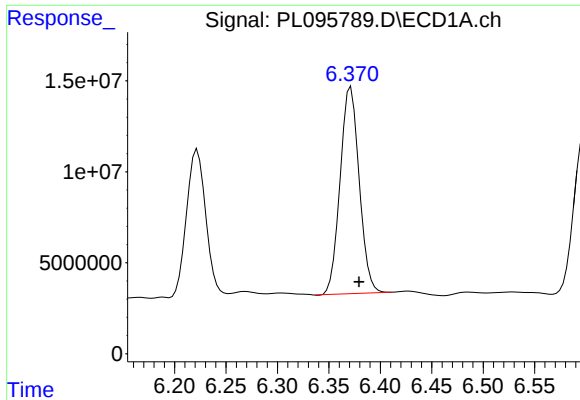
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 102522834
Conc: 27.95 ng/ml



#12 4,4'-DDE

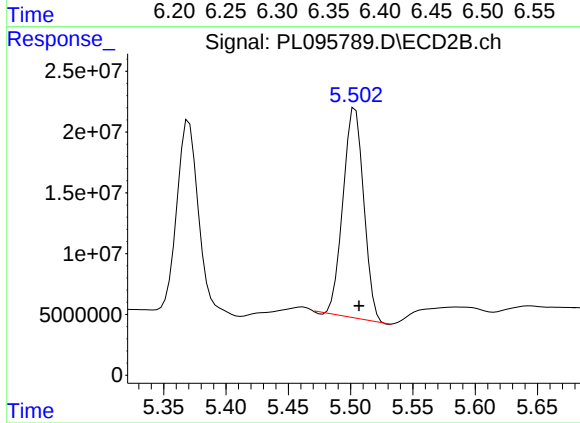
R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 191100650
Conc: 35.64 ng/ml



#13 Dieldrin

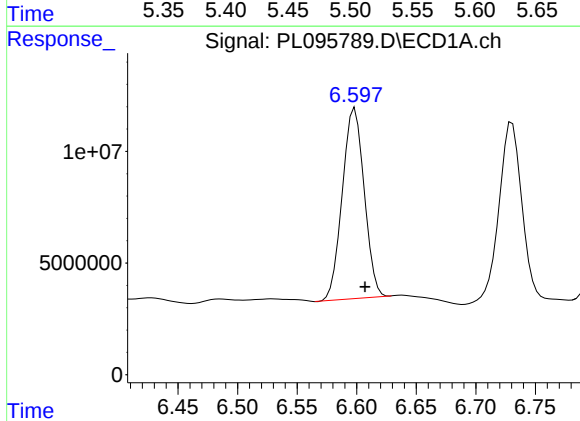
R.T.: 6.371 min
Delta R.T.: -0.008 min
Response: 146482161
Conc: 37.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



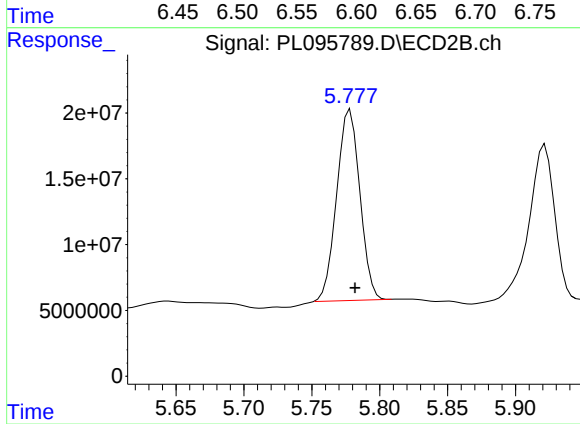
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 200687768
Conc: 37.86 ng/ml



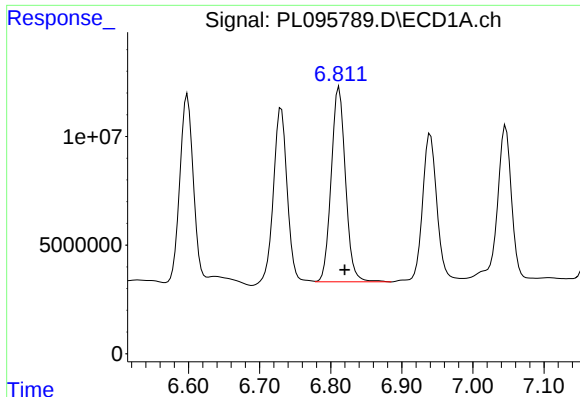
#14 Endrin

R.T.: 6.598 min
Delta R.T.: -0.008 min
Response: 109145926
Conc: 33.83 ng/ml



#14 Endrin

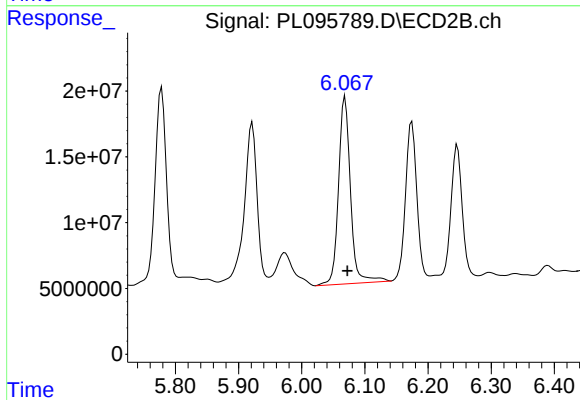
R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 172512856
Conc: 35.38 ng/ml



#15 Endosulfan II

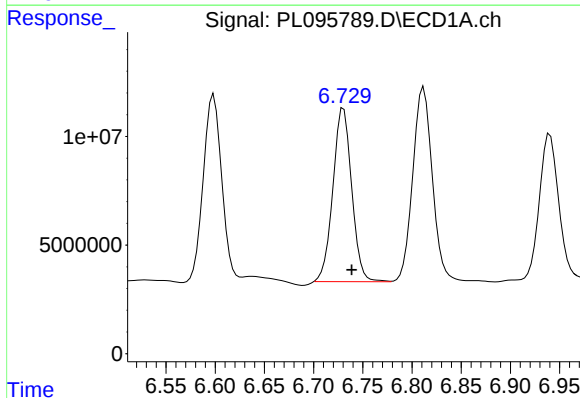
R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 124885550
Conc: 36.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



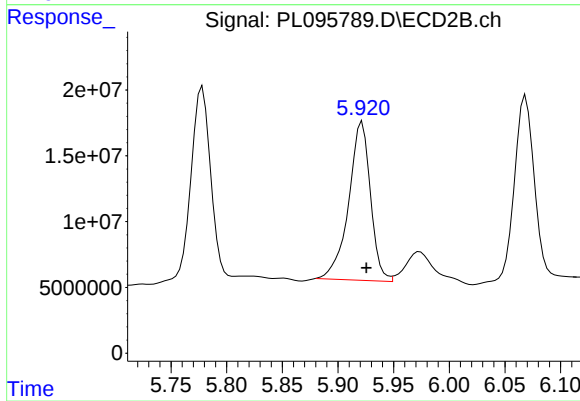
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 187797045
Conc: 39.52 ng/ml



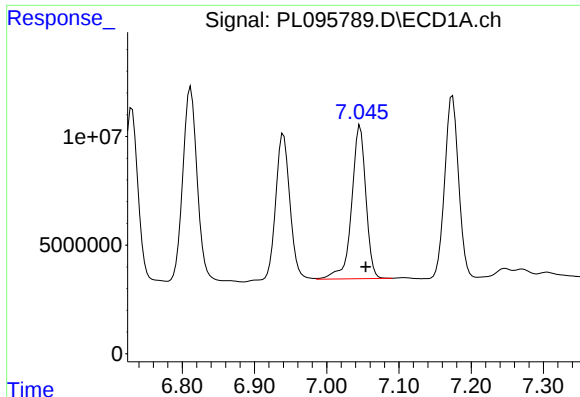
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.008 min
Response: 106205245
Conc: 36.24 ng/ml



#16 4,4'-DDD

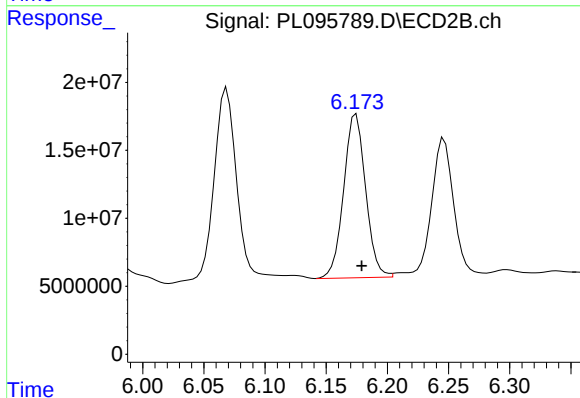
R.T.: 5.922 min
Delta R.T.: -0.004 min
Response: 164625311
Conc: 37.54 ng/ml



#17 4,4'-DDT

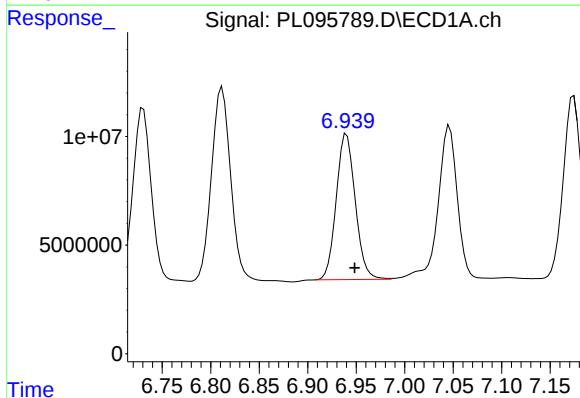
R.T.: 7.046 min
Delta R.T.: -0.008 min
Response: 96269005
Conc: 35.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



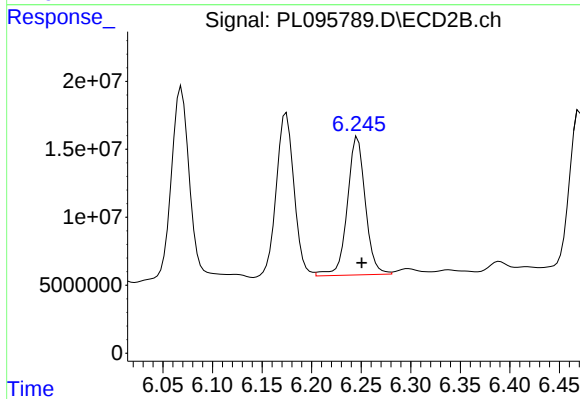
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 150187085
Conc: 31.40 ng/ml



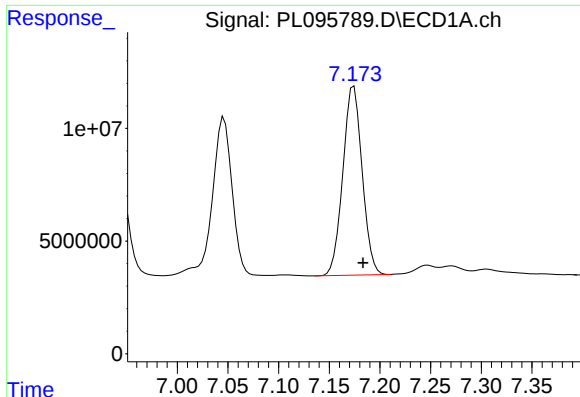
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: -0.008 min
Response: 91378182
Conc: 37.80 ng/ml



#18 Endrin aldehyde

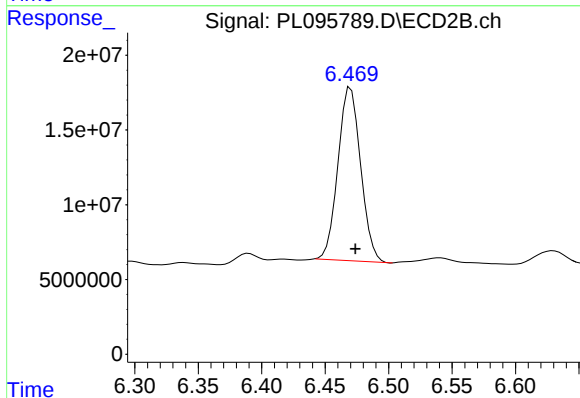
R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 128651377
Conc: 37.24 ng/ml



#19 Endosulfan Sulfate

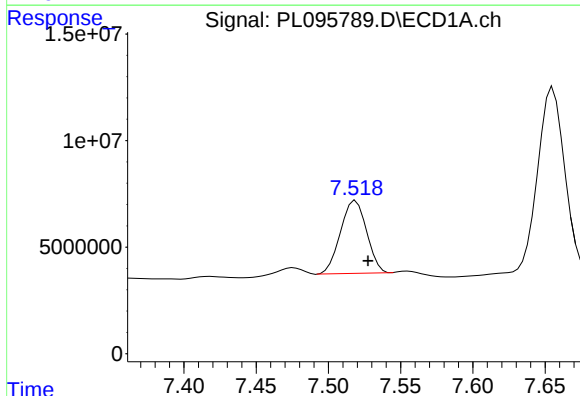
R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 110757665
Conc: 37.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



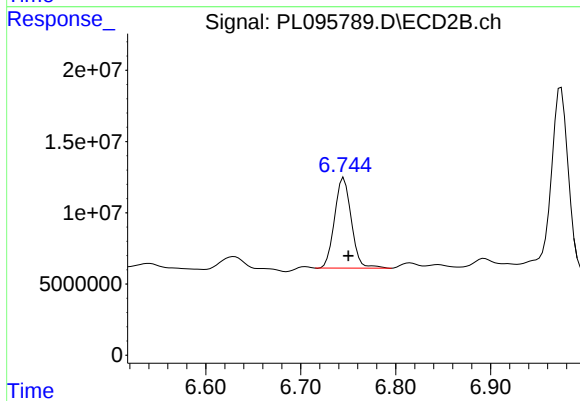
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 144177762
Conc: 32.08 ng/ml



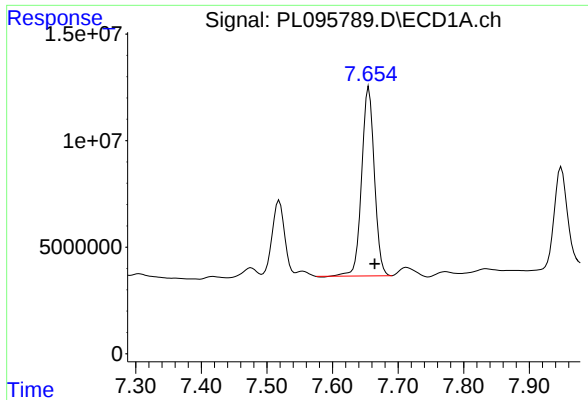
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.009 min
Response: 42957046
Conc: 33.68 ng/ml



#20 Methoxychlor

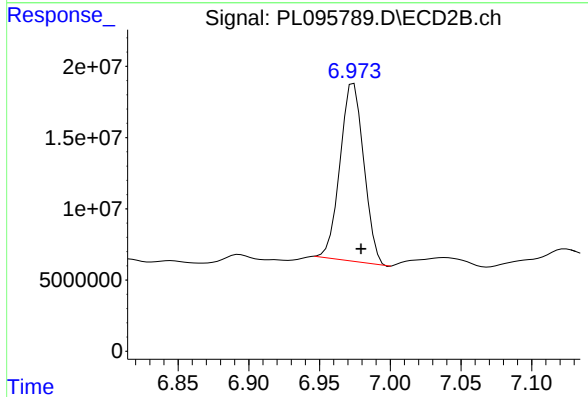
R.T.: 6.745 min
Delta R.T.: -0.005 min
Response: 78028939
Conc: 29.83 ng/ml



#21 Endrin ketone

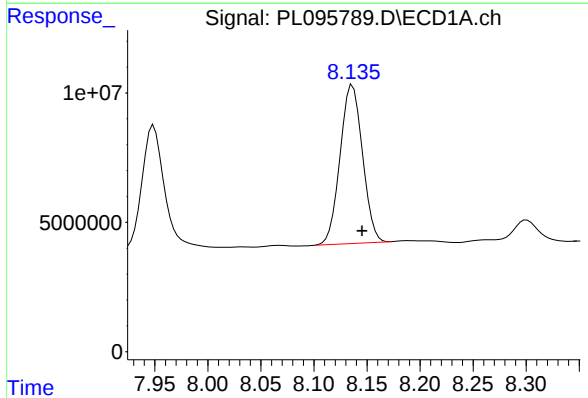
R.T.: 7.656 min
Delta R.T.: -0.009 min
Response: 118876293
Conc: 37.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



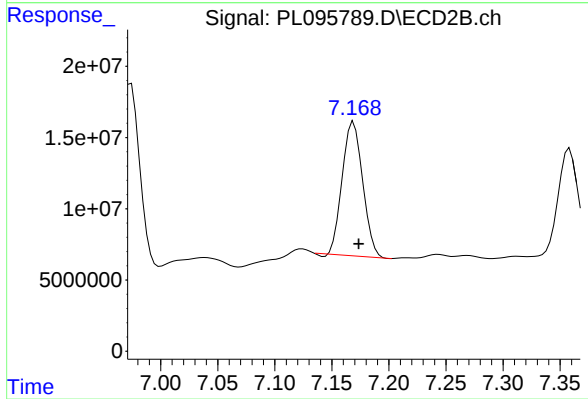
#21 Endrin ketone

R.T.: 6.974 min
Delta R.T.: -0.005 min
Response: 146467226
Conc: 28.31 ng/ml



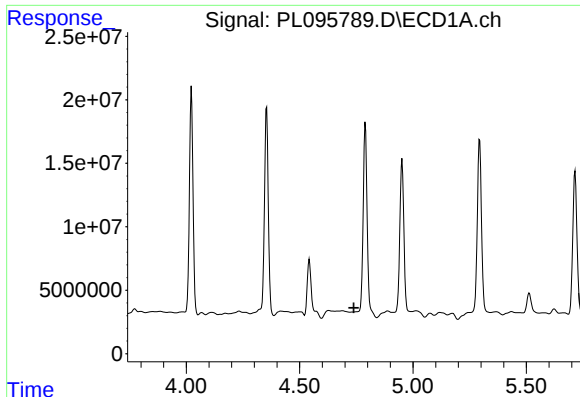
#22 Mirex

R.T.: 8.136 min
Delta R.T.: -0.009 min
Response: 90087969
Conc: 38.94 ng/ml



#22 Mirex

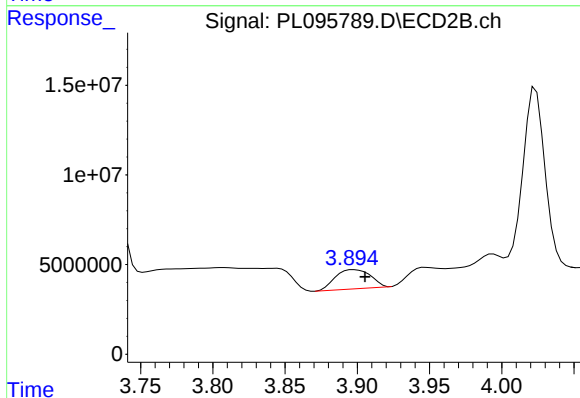
R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 117278380
Conc: 28.88 ng/ml



#23 Chlordane-1

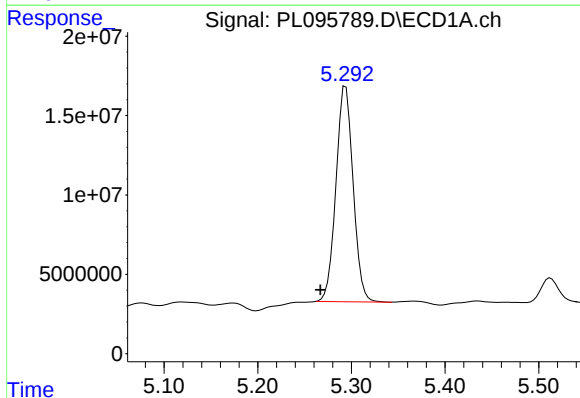
R.T.: 0.000 min
Exp R.T.: 4.739 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



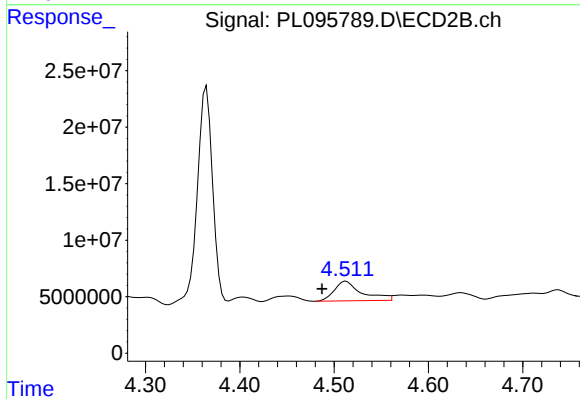
#23 Chlordane-1

R.T.: 3.897 min
Delta R.T.: -0.008 min
Response: 18124476
Conc: 92.95 ng/ml



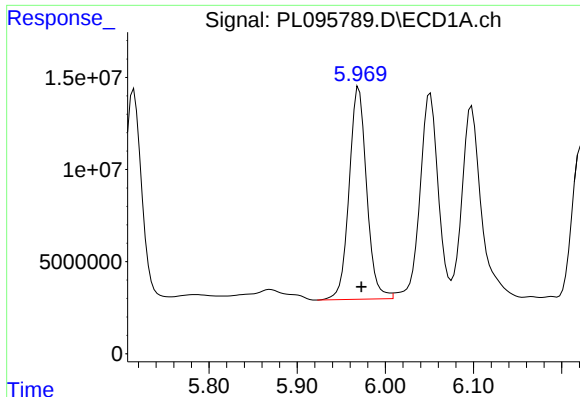
#24 Chlordane-2

R.T.: 5.294 min
Delta R.T.: 0.027 min
Response: 173202740
Conc: 901.29 ng/ml



#24 Chlordane-2

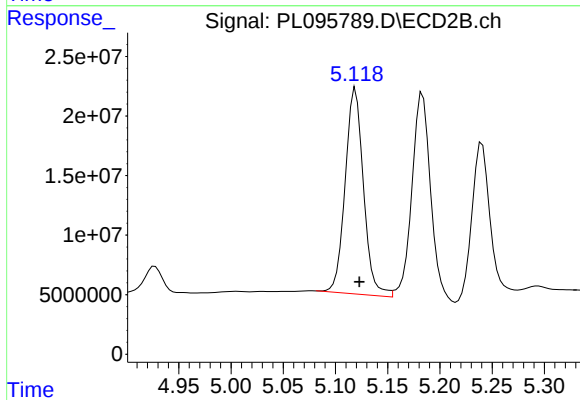
R.T.: 4.513 min
Delta R.T.: 0.026 min
Response: 35062207
Conc: 157.40 ng/ml



#25 Chlordane-3

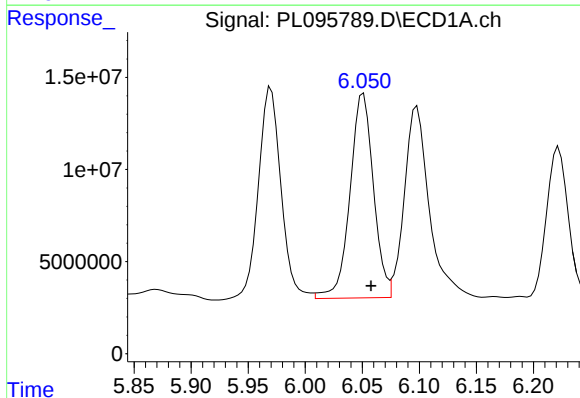
R.T.: 5.970 min
Delta R.T.: -0.003 min
Response: 159471054
Conc: 215.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



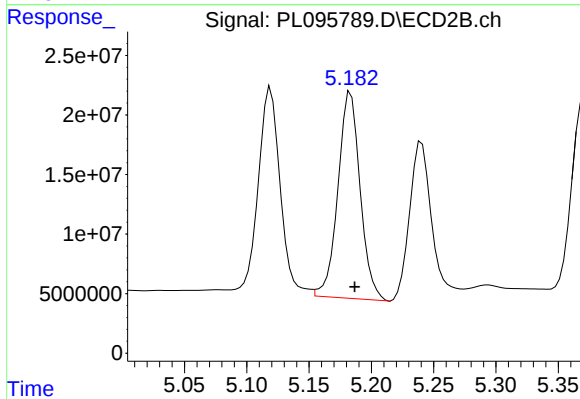
#25 Chlordane-3

R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 210688845
Conc: 319.76 ng/ml



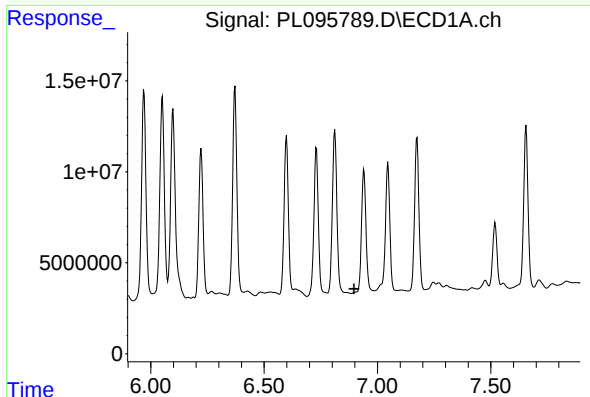
#26 Chlordane-4

R.T.: 6.051 min
Delta R.T.: -0.007 min
Response: 158685948
Conc: 176.56 ng/ml



#26 Chlordane-4

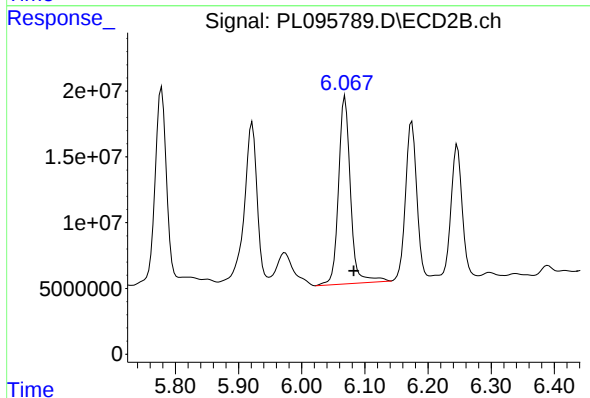
R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 215991512
Conc: 378.33 ng/ml



#27 Chlordane-5

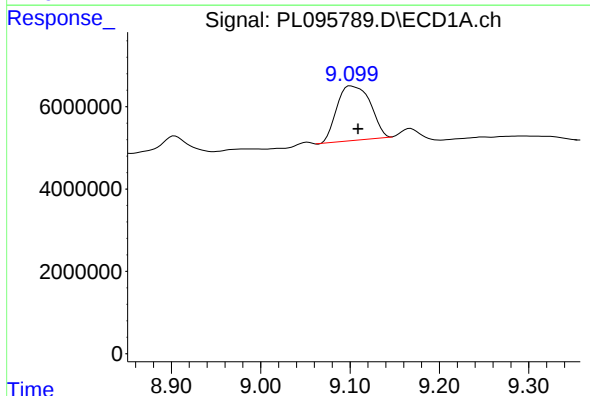
R.T.: 0.000 min
Exp R.T.: 6.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



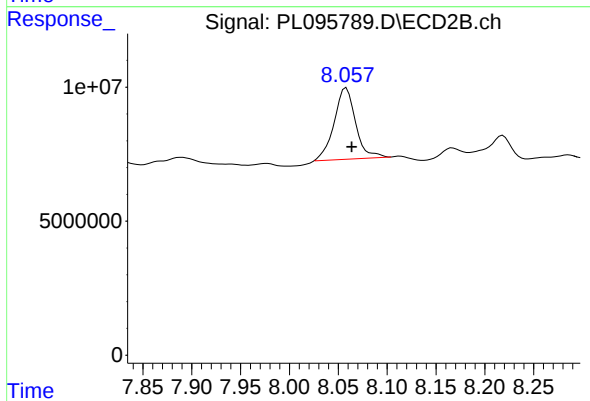
#27 Chlordane-5

R.T.: 6.069 min
Delta R.T.: -0.014 min
Response: 187797045
Conc: 736.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: -0.008 min
Response: 34358836
Conc: 14.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.006 min
Response: 40728103
Conc: 9.31 ng/ml