

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022620\
 Data File : PL056836.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2020 14:16
 Operator : AJ\MA
 Sample : L1681-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SH-BORING-2MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 00:33:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021920.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 20 02:32:45 2020
 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...	3.498	4.019	143.2E6	57991670	16.560	23.280 #
2)	SA Decachlor...	8.252	9.092	144.6E6	47426887	12.157	22.570 #
Target Compounds							
2)	A alpha-BHC	3.936	4.409	832.5E6	233.1E6	52.744	61.964
3)	MA gamma-BHC...	4.220	4.694	713.5E6	207.7E6	47.828	60.327 #
4)	MA Heptachlor	4.522	5.200	778.0E6	185.6E6	52.759	63.435
5)	MB Aldrin	4.770	5.506	747.3E6	189.6E6	50.058	60.581
6)	B beta-BHC	4.471	4.866	322.2E6	85918558	55.600	65.718
7)	B delta-BHC	4.676	5.083	744.6E6	176.1E6	51.658	57.837
8)	B Heptachlo...	5.214	5.893	746.5E6	168.9E6	52.771	57.784
9)	A Endosulfan I	5.554	6.250	675.1E6	164.3E6	50.498	60.823
10)	B gamma-Chl...	5.441	6.127	739.0E6	178.2E6	50.876	62.138
11)	B alpha-Chl...	5.499	6.199	699.2E6	172.1E6	48.424	60.482
12)	B 4,4'-DDE	5.662	6.357	724.4E6	168.0E6	51.500	61.024
13)	MA Dieldrin	5.797	6.507	773.9E6	172.3E6	51.922	60.292
14)	MA Endrin	6.055	6.725	649.9E6	132.3E6	48.153	53.720
15)	B Endosulfa...	6.327	6.936	612.4E6	145.0E6	49.309	56.145
16)	A 4,4'-DDD	6.179	6.850	516.1E6	137.8E6	46.141	59.866 #
17)	MA 4,4'-DDT	6.419	7.147	637.3E6	135.1E6	58.516	64.948
18)	B Endrin al...	6.496	7.060	543.3E6	135.8E6	50.187	64.739 #
19)	B Endosulfa...	6.723f	7.284	12290.8E6	150.6E6	1036.599	63.386 #
20)	A Methoxychlor	6.964	7.608	255.2E6	89845728	48.126	81.182 #
21)	B Endrin ke...	7.200	7.756	657.3E6	159.0E6	49.304	62.971 #
22)	Mirex	7.389	8.209	432.8E6	100.4E6	51.576	59.761
24)	Chlordane-2	0.000	5.506f	0	189.6E6	N.D.	1921.364 #
25)	Chlordane-3	5.441	6.127	739.0E6	178.2E6	587.520	482.578
26)	Chlordane-4	5.499	6.199	699.2E6	172.1E6	650.939	400.928 #
27)	Chlordane-5	6.327	0.000	612.4E6	0	1870.224	N.D. #

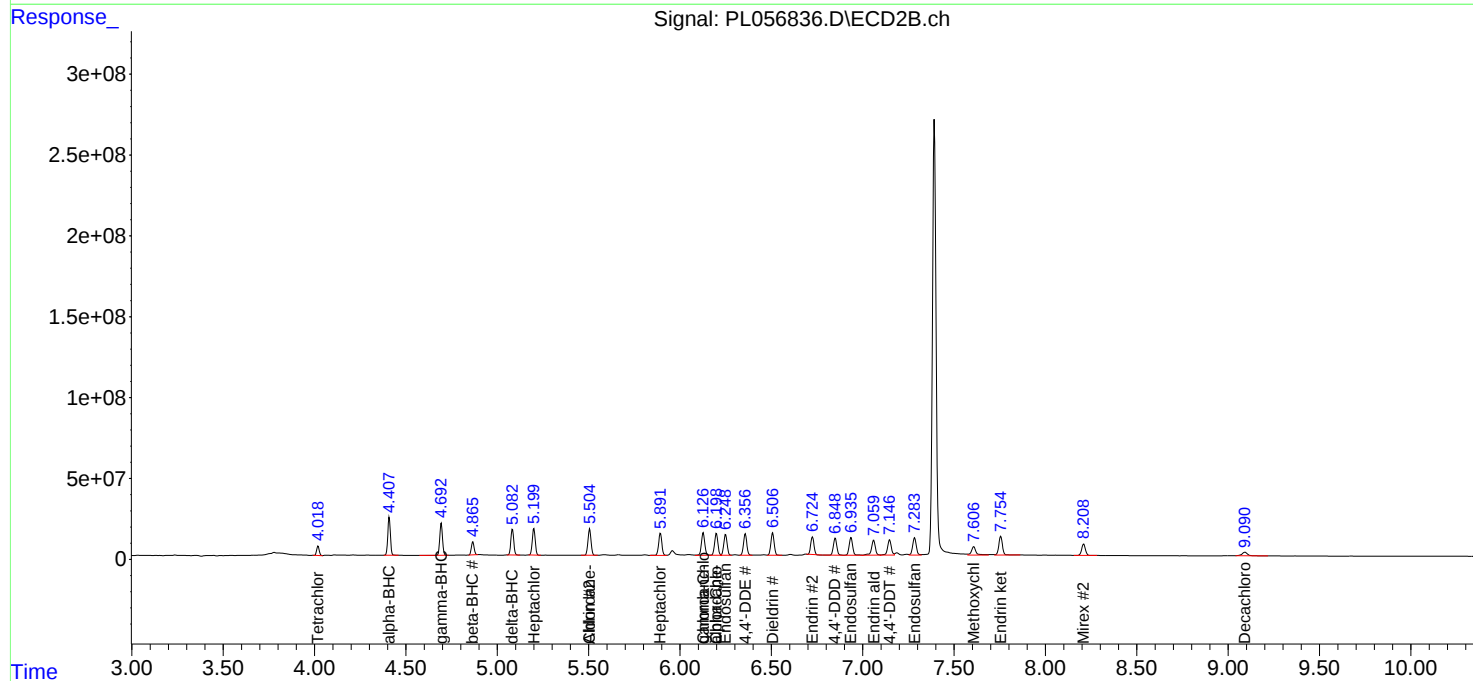
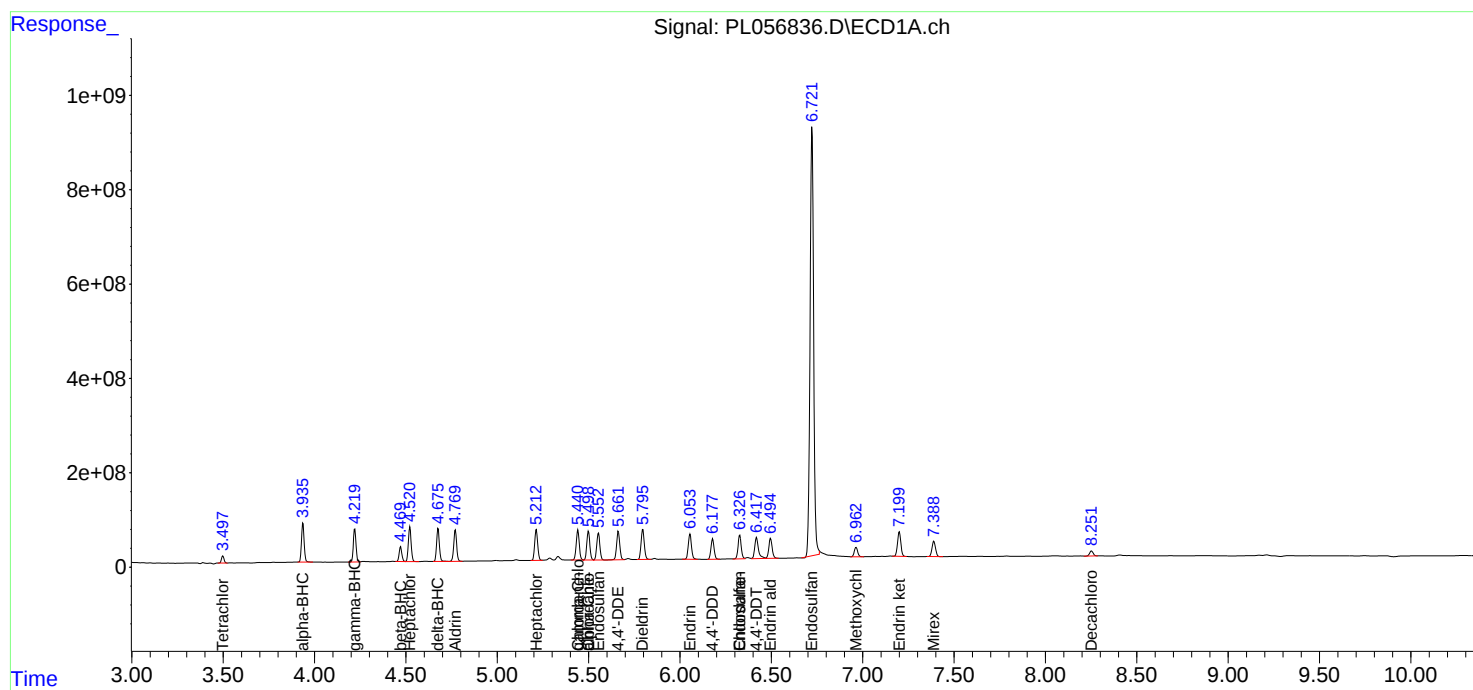
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

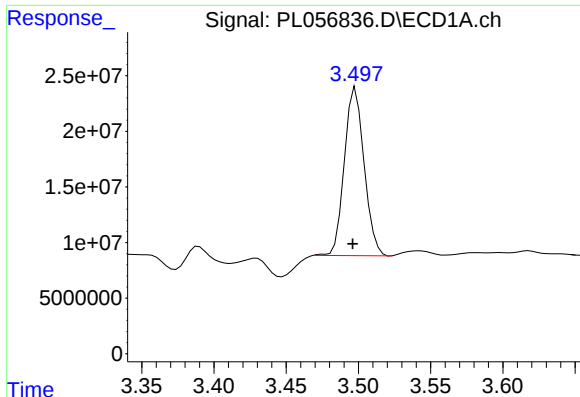
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022620\
Data File : PL056836.D
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Acq On : 26 Feb 2020 14:16
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ALS Vial : 11 Sample Multiplier: 1

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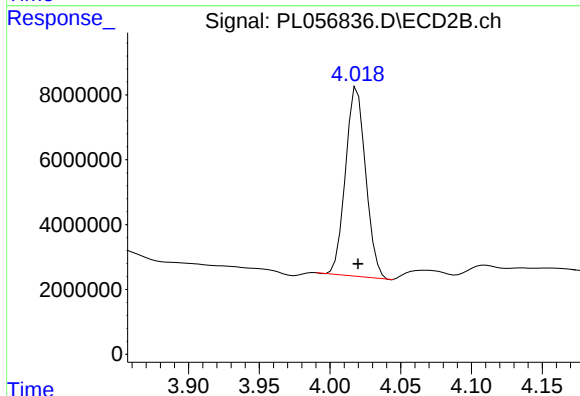




#1 Tetrachloro-m-xylene

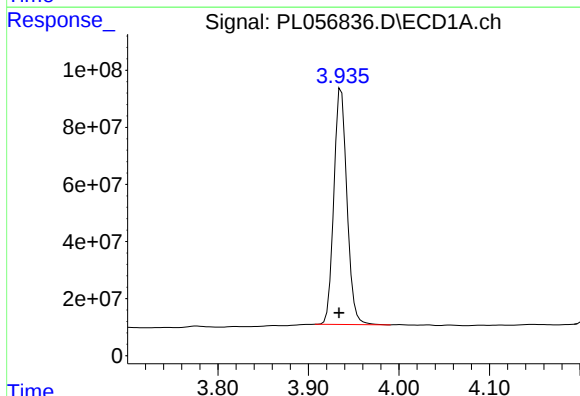
R.T.: 3.498 min
Delta R.T.: 0.002 min
Response: 143202234
Conc: 16.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



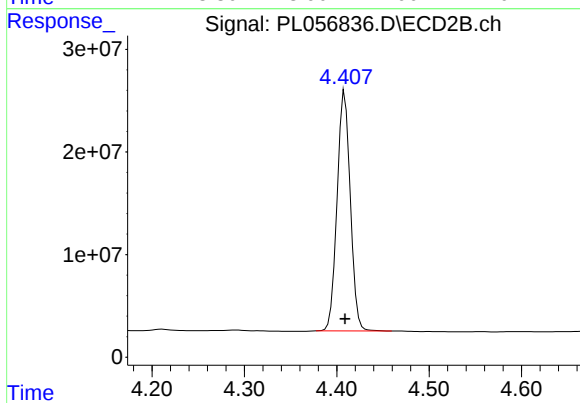
#1 Tetrachloro-m-xylene

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 57991670
Conc: 23.28 ng/ml



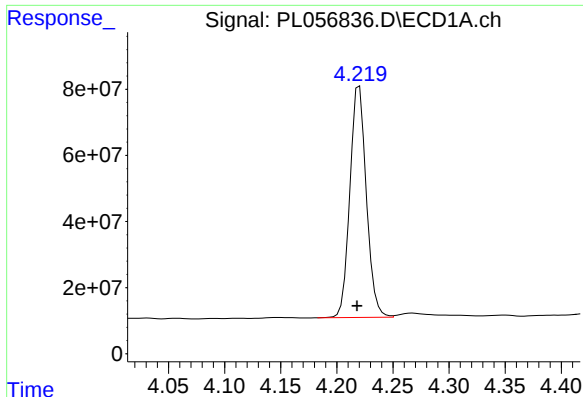
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.003 min
Response: 832526051
Conc: 52.74 ng/ml



#2 alpha-BHC

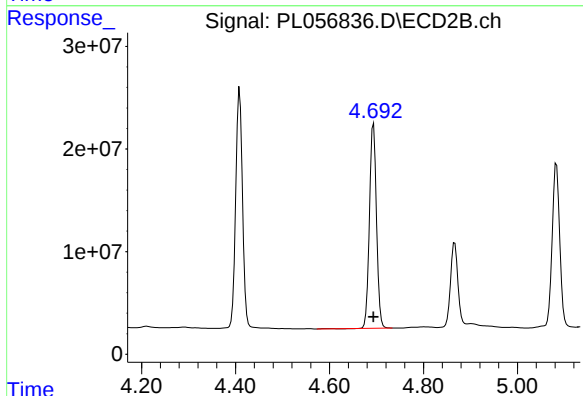
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 233102999
Conc: 61.96 ng/ml



#3 gamma-BHC (Lindane)

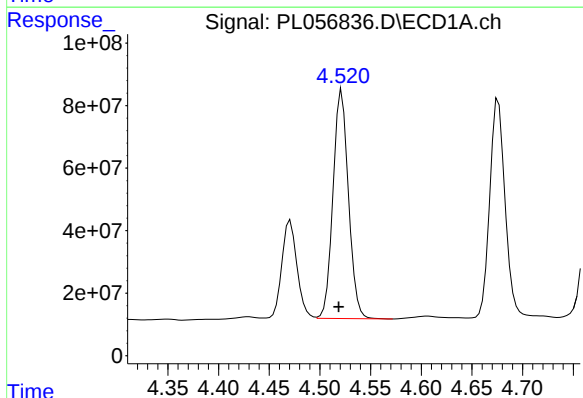
R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 713494548
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



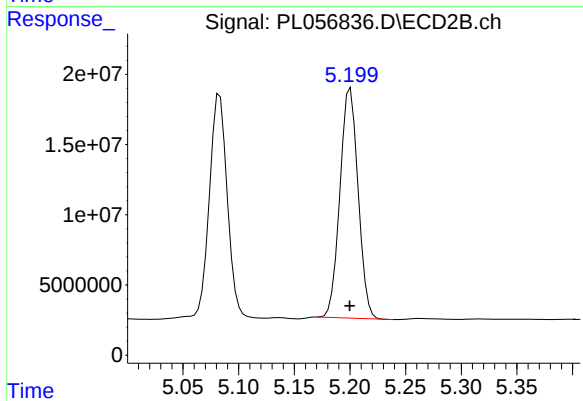
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 207741622
Conc: 60.33 ng/ml



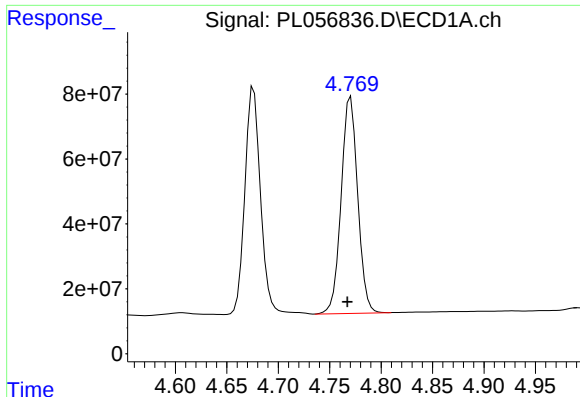
#4 Heptachlor

R.T.: 4.522 min
Delta R.T.: 0.003 min
Response: 777962799
Conc: 52.76 ng/ml



#4 Heptachlor

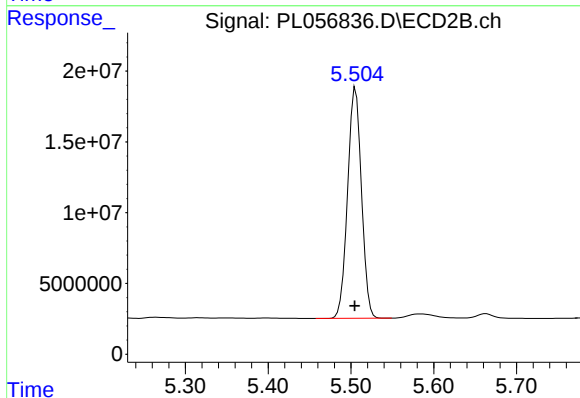
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 185579300
Conc: 63.44 ng/ml



#5 Aldrin

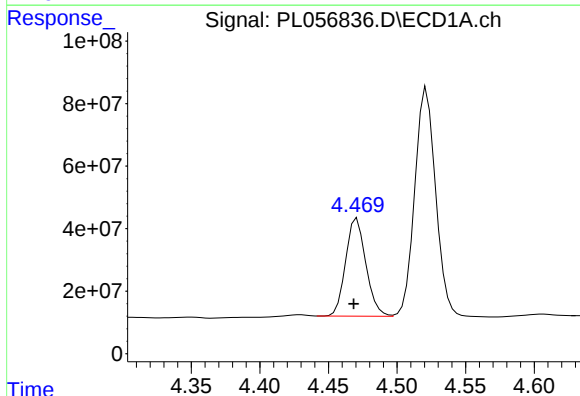
R.T.: 4.770 min
Delta R.T.: 0.003 min
Response: 747330070
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



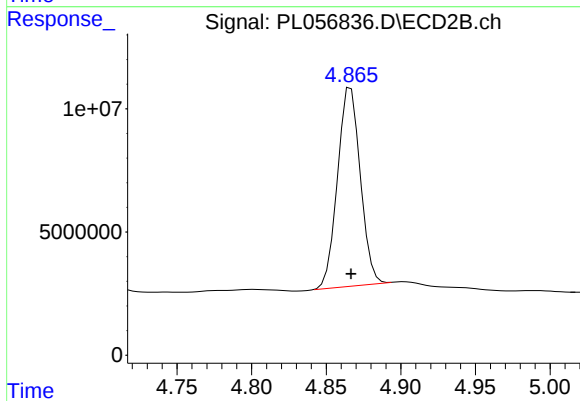
#5 Aldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 189604578
Conc: 60.58 ng/ml



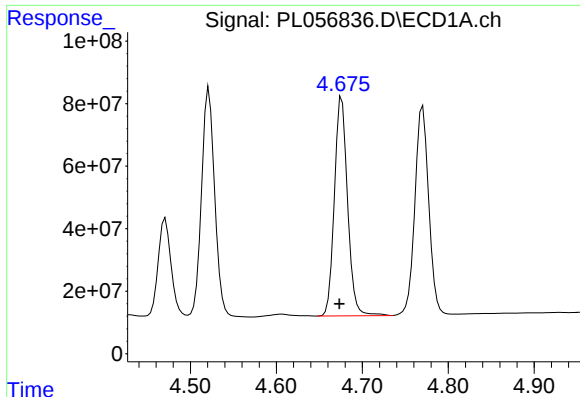
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.003 min
Response: 322215058
Conc: 55.60 ng/ml



#6 beta-BHC

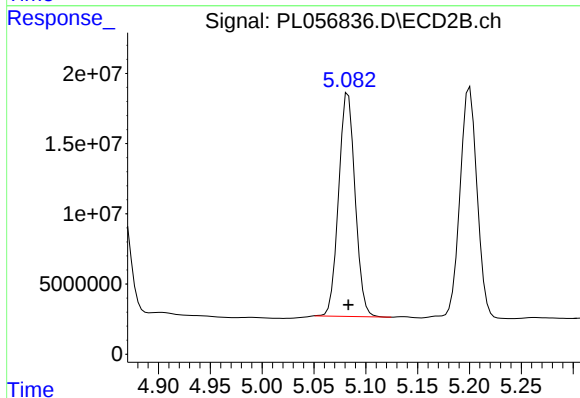
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 85918558
Conc: 65.72 ng/ml



#7 delta-BHC

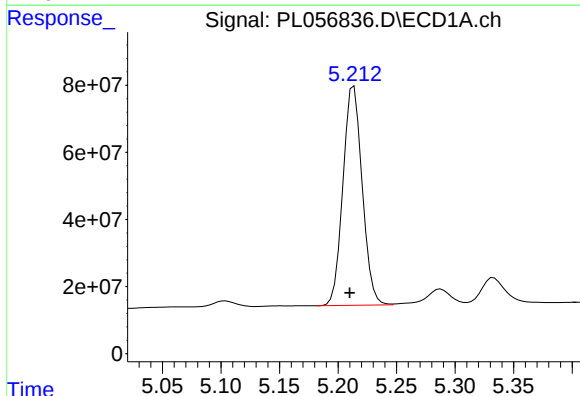
R.T.: 4.676 min
Delta R.T.: 0.003 min
Response: 744556100
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



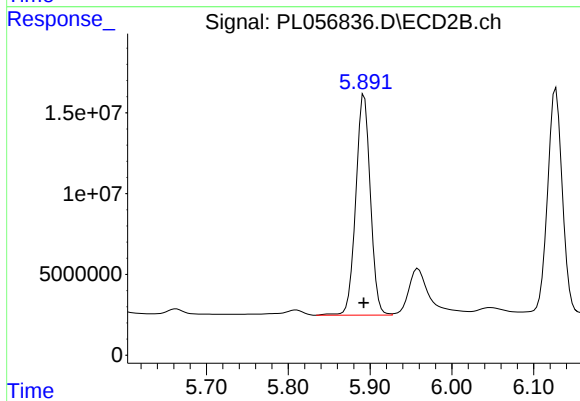
#7 delta-BHC

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 176085677
Conc: 57.84 ng/ml



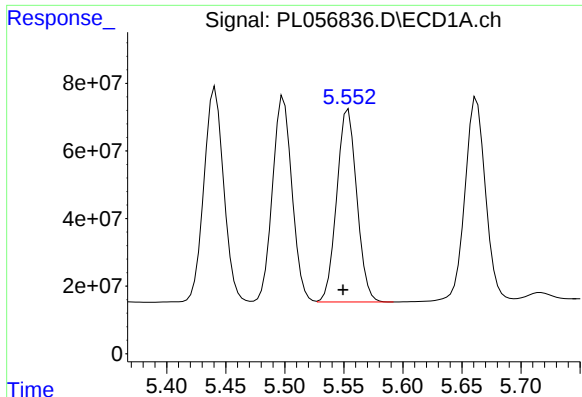
#8 Heptachlor epoxide

R.T.: 5.214 min
Delta R.T.: 0.003 min
Response: 746543247
Conc: 52.77 ng/ml



#8 Heptachlor epoxide

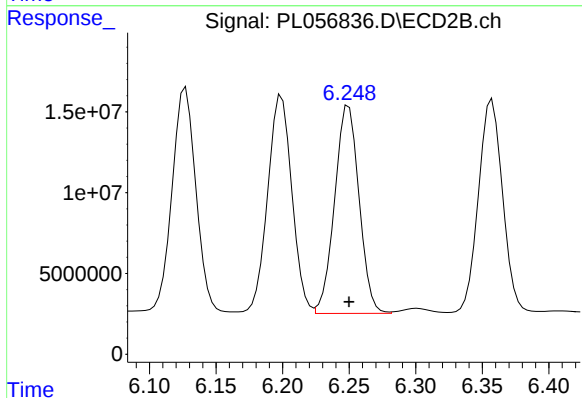
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 168948609
Conc: 57.78 ng/ml



#9 Endosulfan I

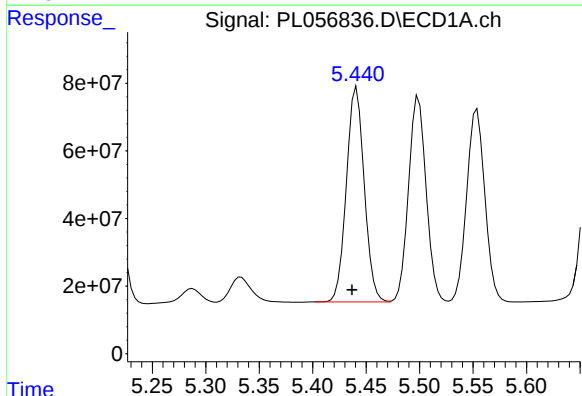
R.T.: 5.554 min
Delta R.T.: 0.004 min
Response: 675059265
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



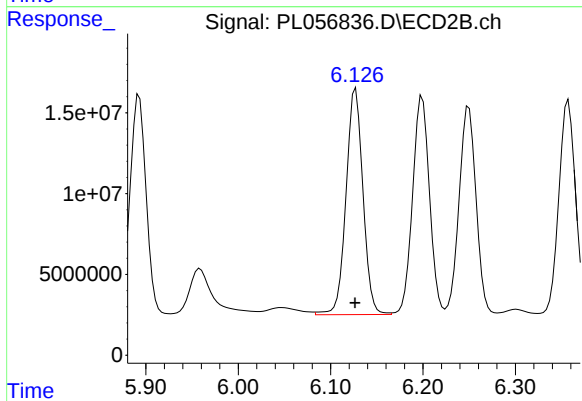
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 164320828
Conc: 60.82 ng/ml



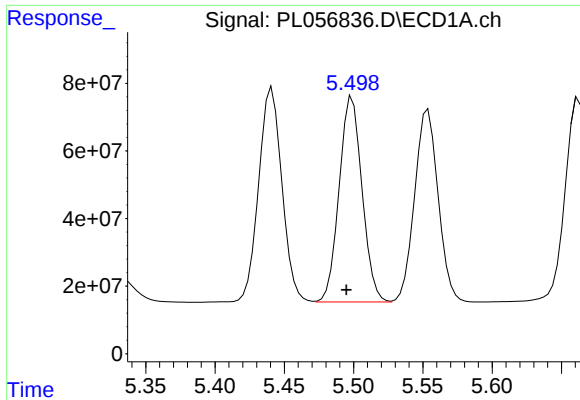
#10 gamma-Chlordane

R.T.: 5.441 min
Delta R.T.: 0.004 min
Response: 739019967
Conc: 50.88 ng/ml



#10 gamma-Chlordane

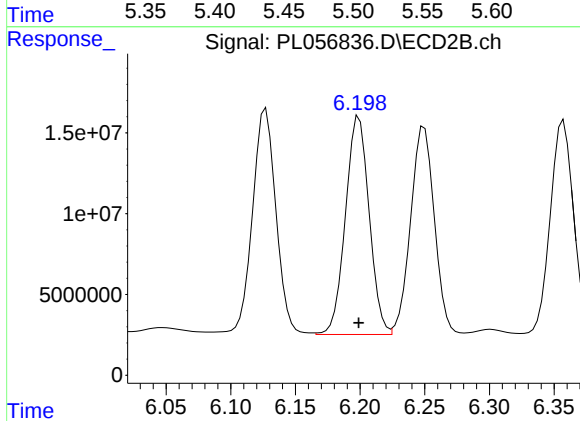
R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 178220171
Conc: 62.14 ng/ml



#11 alpha-Chlordane

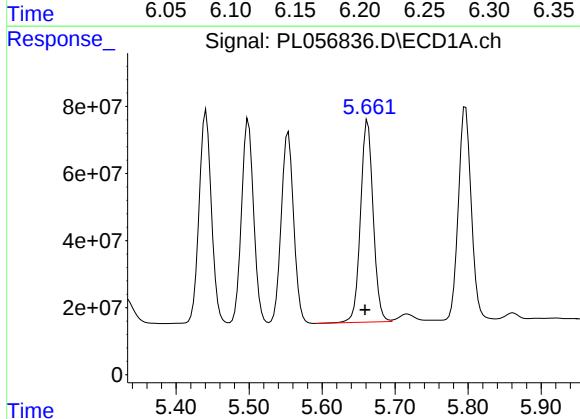
R.T.: 5.499 min
Delta R.T.: 0.004 min
Response: 699248023
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



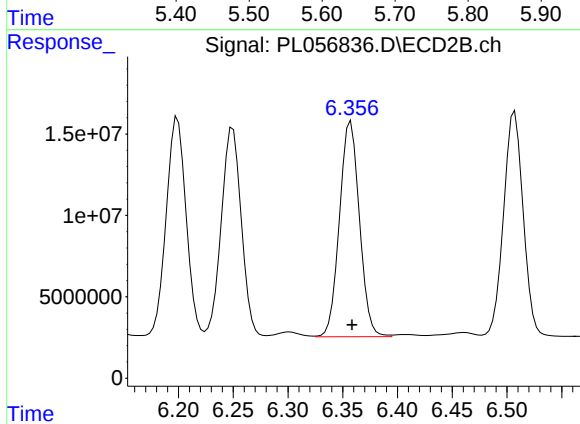
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 172097079
Conc: 60.48 ng/ml



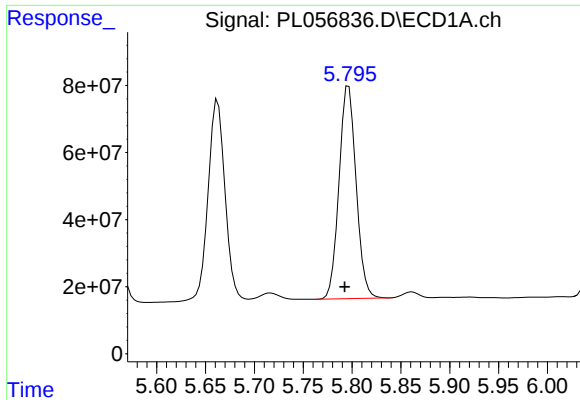
#12 4,4'-DDE

R.T.: 5.662 min
Delta R.T.: 0.003 min
Response: 724389243
Conc: 51.50 ng/ml



#12 4,4'-DDE

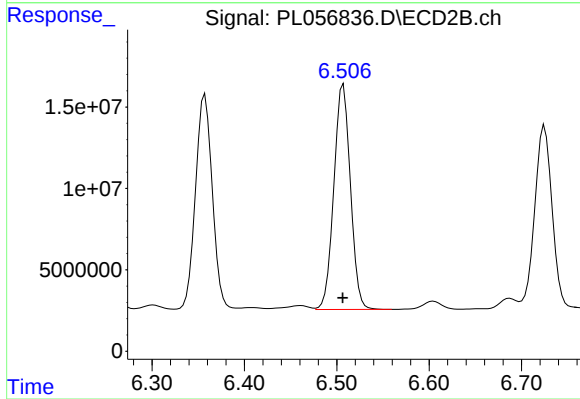
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 168048993
Conc: 61.02 ng/ml



#13 Dieldrin

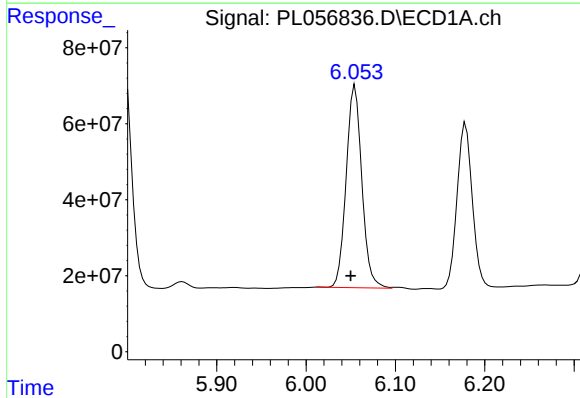
R.T.: 5.797 min
Delta R.T.: 0.004 min
Response: 773914506
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



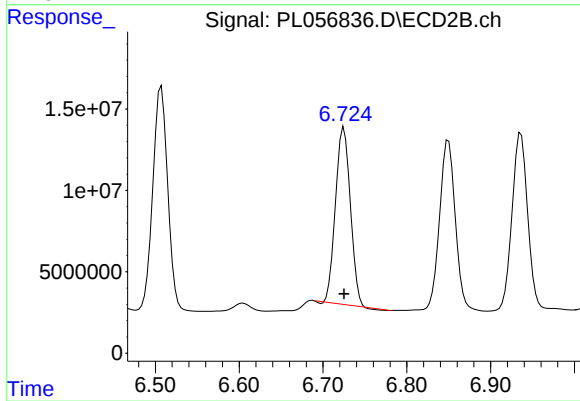
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 172344522
Conc: 60.29 ng/ml



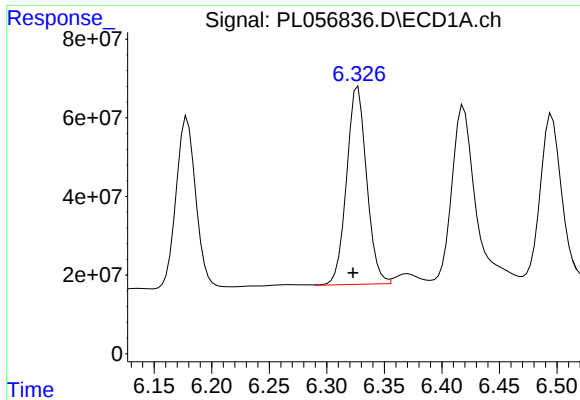
#14 Endrin

R.T.: 6.055 min
Delta R.T.: 0.005 min
Response: 649922024
Conc: 48.15 ng/ml



#14 Endrin

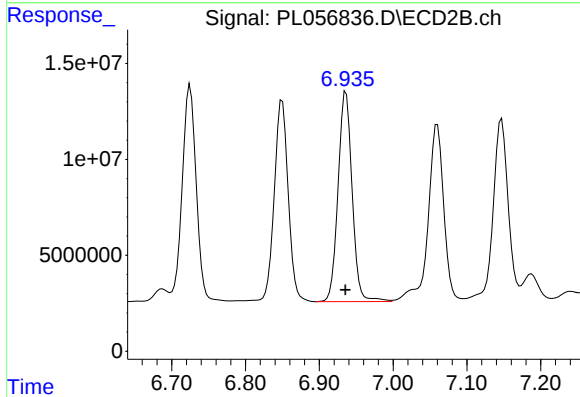
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 132337242
Conc: 53.72 ng/ml



#15 Endosulfan II

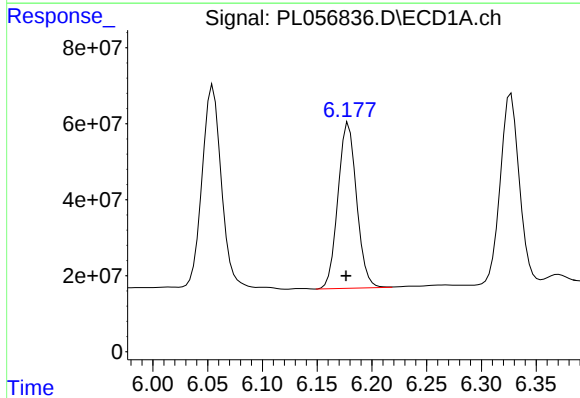
R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 612380697
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



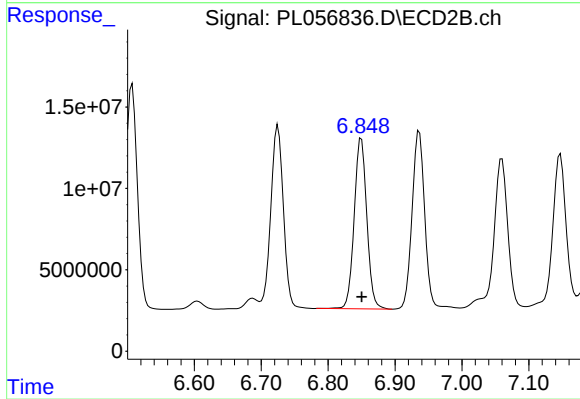
#15 Endosulfan II

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 145002010
Conc: 56.15 ng/ml



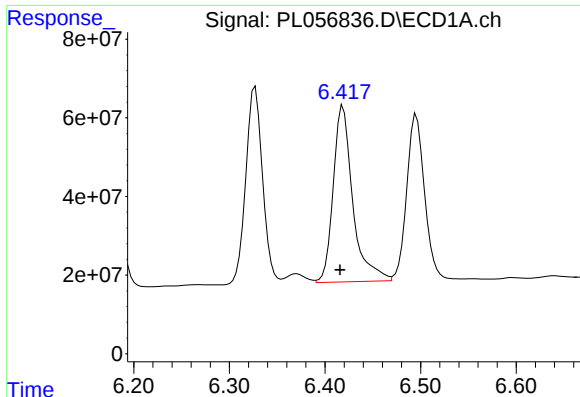
#16 4,4'-DDD

R.T.: 6.179 min
Delta R.T.: 0.002 min
Response: 516101611
Conc: 46.14 ng/ml



#16 4,4'-DDD

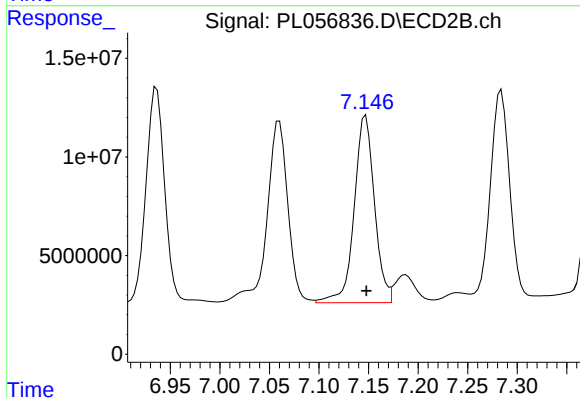
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 137848429
Conc: 59.87 ng/ml



#17 4,4'-DDT

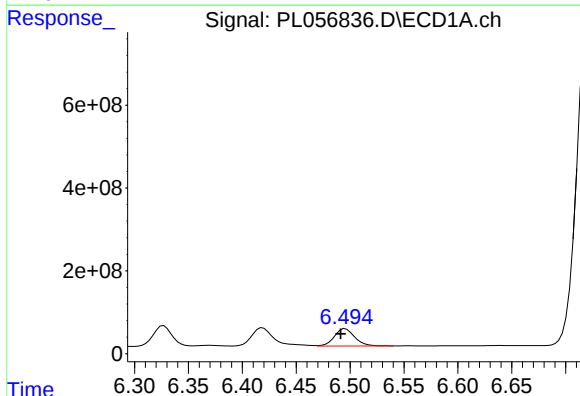
R.T.: 6.419 min
Delta R.T.: 0.003 min
Response: 637262179
Conc: 58.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



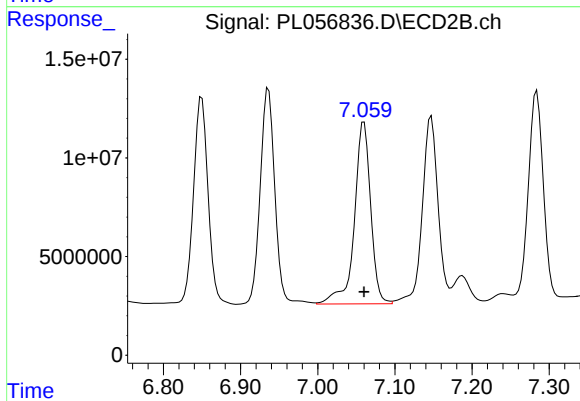
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 135124317
Conc: 64.95 ng/ml



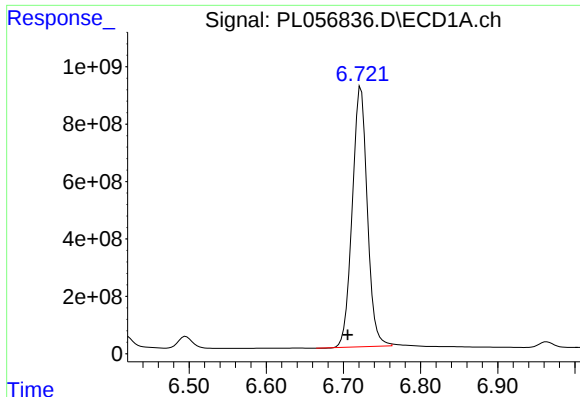
#18 Endrin aldehyde

R.T.: 6.496 min
Delta R.T.: 0.004 min
Response: 543253755
Conc: 50.19 ng/ml



#18 Endrin aldehyde

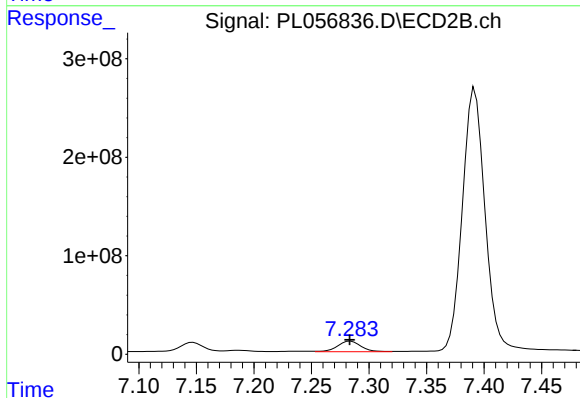
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 135810282
Conc: 64.74 ng/ml



#19 Endosulfan Sulfate

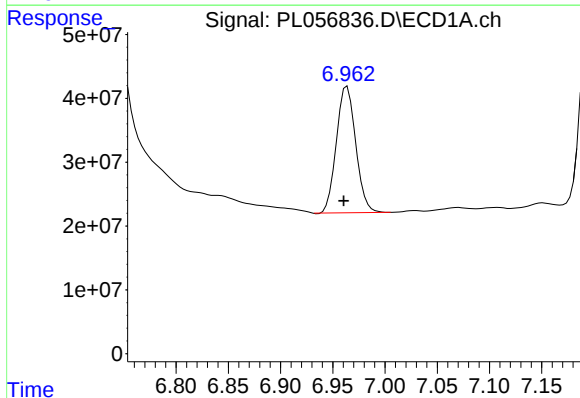
R.T.: 6.723 min
Delta R.T.: 0.017 min
Response: 12290763795
Conc: 1036.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



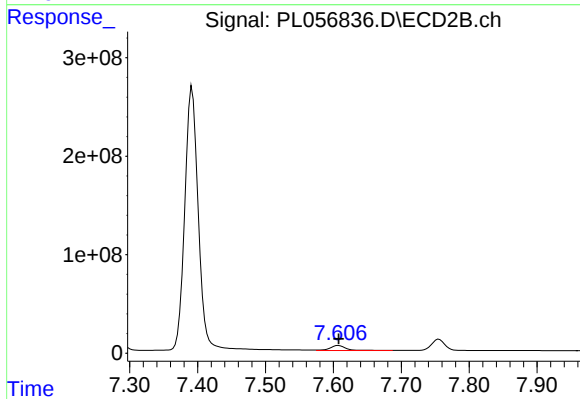
#19 Endosulfan Sulfate

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 150638489
Conc: 63.39 ng/ml



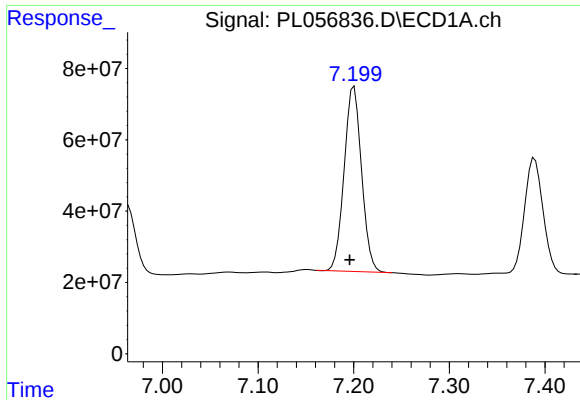
#20 Methoxychlor

R.T.: 6.964 min
Delta R.T.: 0.003 min
Response: 255182589
Conc: 48.13 ng/ml



#20 Methoxychlor

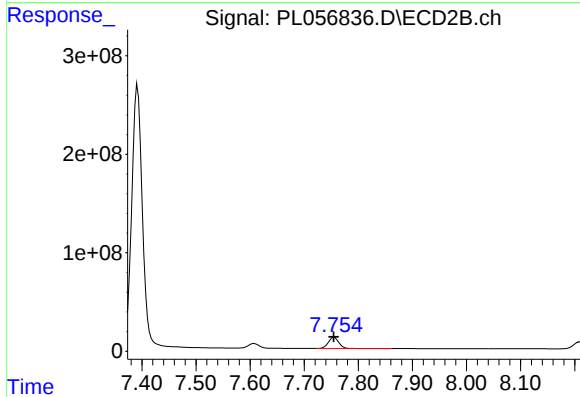
R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 89845728
Conc: 81.18 ng/ml



#21 Endrin ketone

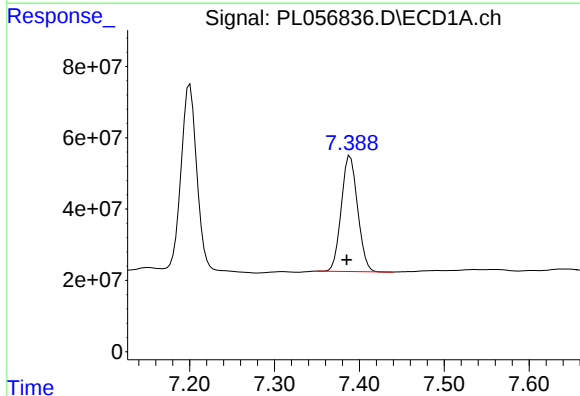
R.T.: 7.200 min
Delta R.T.: 0.004 min
Response: 657319469
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



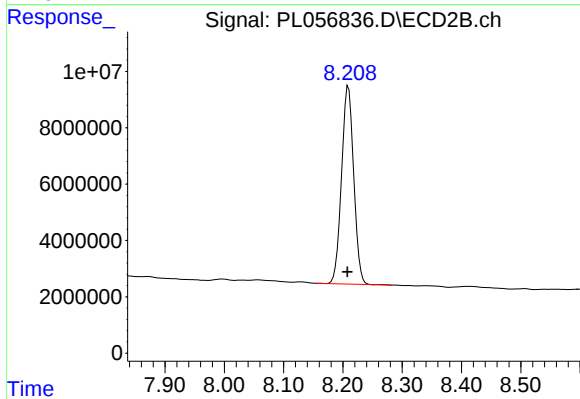
#21 Endrin ketone

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 159022514
Conc: 62.97 ng/ml



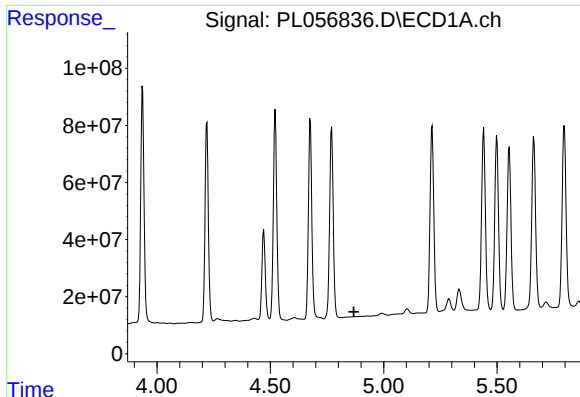
#22 Mirex

R.T.: 7.389 min
Delta R.T.: 0.004 min
Response: 432794797
Conc: 51.58 ng/ml



#22 Mirex

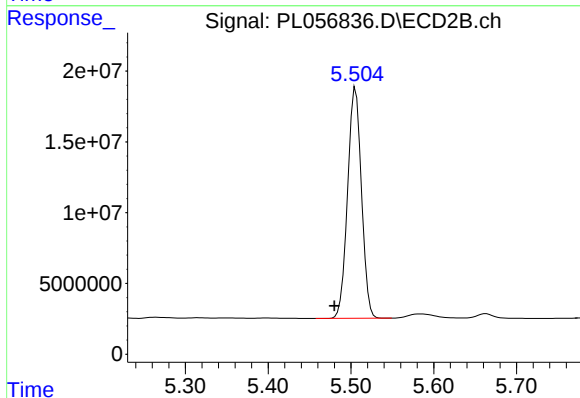
R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 100395540
Conc: 59.76 ng/ml



#24 Chlordane-2

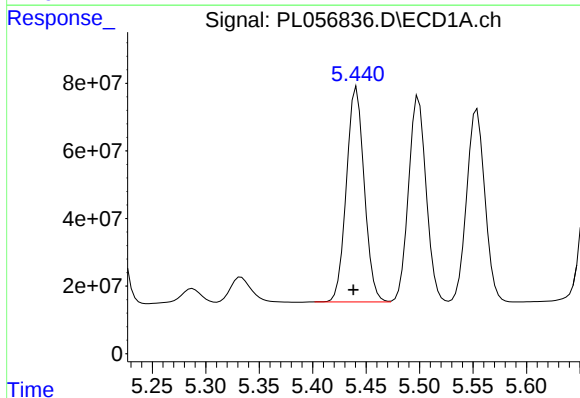
R.T.: 0.000 min
Exp R.T.: 4.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



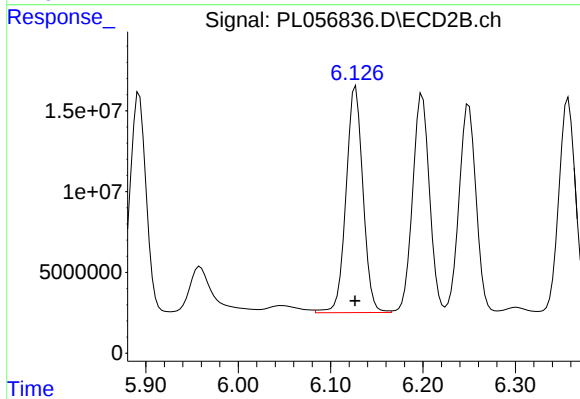
#24 Chlordane-2

R.T.: 5.506 min
Delta R.T.: 0.025 min
Response: 189604578
Conc: 1921.36 ng/ml



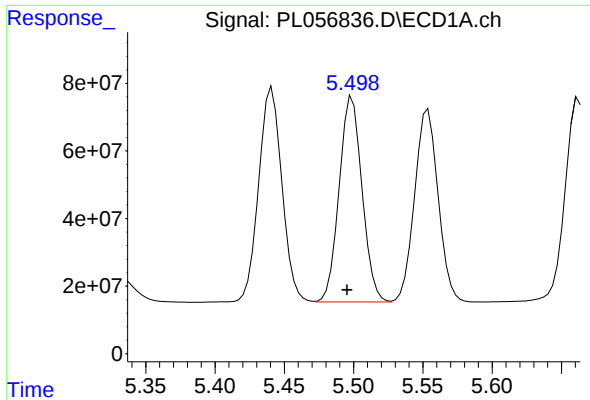
#25 Chlordane-3

R.T.: 5.441 min
Delta R.T.: 0.003 min
Response: 739019967
Conc: 587.52 ng/ml



#25 Chlordane-3

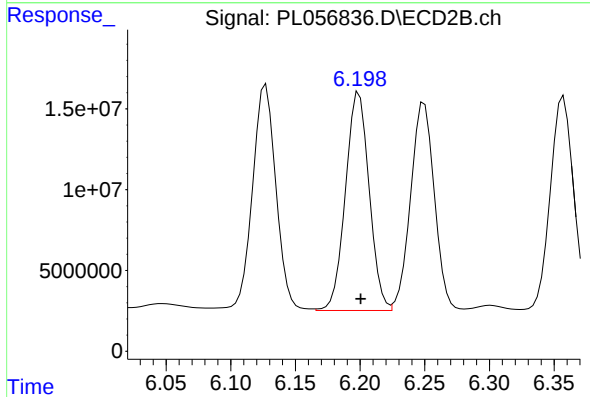
R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 178220171
Conc: 482.58 ng/ml



#26 Chlordane-4

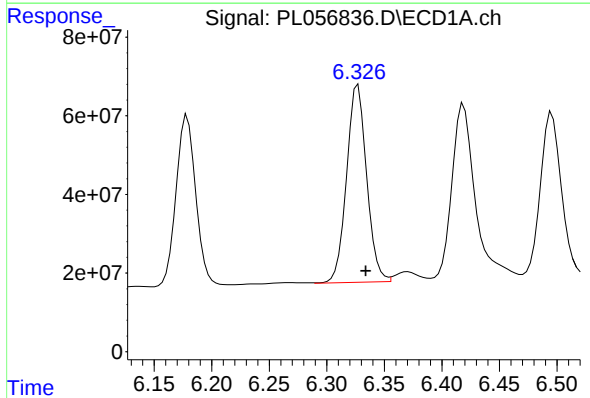
R.T.: 5.499 min
Delta R.T.: 0.004 min
Response: 699248023
Conc: 650.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



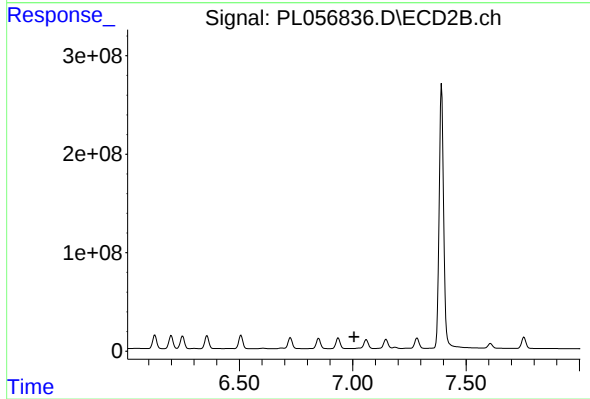
#26 Chlordane-4

R.T.: 6.199 min
Delta R.T.: -0.001 min
Response: 172097079
Conc: 400.93 ng/ml



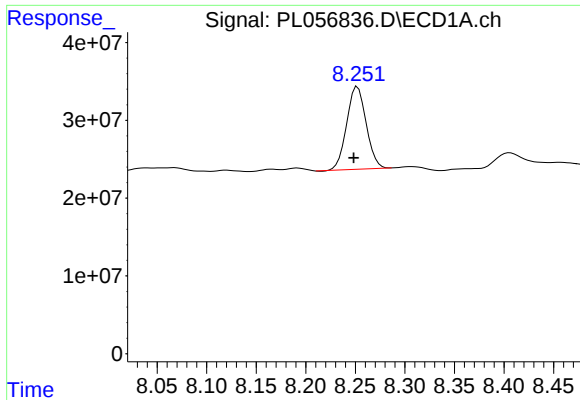
#27 Chlordane-5

R.T.: 6.327 min
Delta R.T.: -0.007 min
Response: 612380697
Conc: 1870.22 ng/ml



#27 Chlordane-5

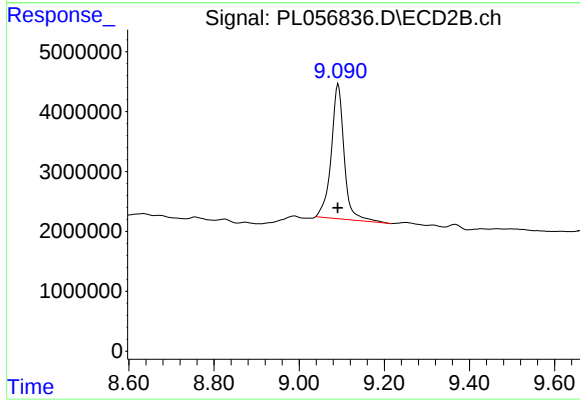
R.T.: 0.000 min
Exp R.T.: 7.007 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.252 min
Delta R.T.: 0.004 min
Response: 144610753
Conc: 12.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-BORING-2MSD



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 47426887
Conc: 22.57 ng/ml