

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112719\
 Data File : PL054707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2019 16:54
 Operator : SG\AJ
 Sample : K6053-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EXT-084-SW178-112519-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 00:17:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 01:19:55 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...	3.538	4.051	238.2E6	57578076	20.477	22.564
28)	SA Decachlor...	8.321	9.152	149.6E6	44357013	15.619	18.502
Target Compounds							
2)	A alpha-BHC	3.981	4.443	992.5E6	213.1E6	52.282	60.162
3)	MA gamma-BHC...	4.268	4.729	879.9E6	198.1E6	51.619	60.752
4)	MA Heptachlor	4.574	5.238	936.0E6	178.3E6	53.081	59.086
5)	MB Aldrin	4.825	5.544	820.5E6	169.9E6	50.339	60.985
6)	B beta-BHC	4.519	4.899	394.2E6	76428570	53.145	54.273
7)	B delta-BHC	4.727	5.117	813.6E6	151.2E6	50.051	56.714
8)	B Heptachlo...	5.271	5.930	769.4E6	141.5E6	50.863	56.621
9)	A Endosulfan I	5.614	6.288	662.6E6	143.1E6	48.587	57.840
10)	B gamma-Chl...	5.500	6.165	734.2E6	160.9E6	48.419	61.065 #
11)	B alpha-Chl...	5.558	6.238	708.2E6	153.3E6	48.030	58.394
12)	B 4,4'-DDE	5.721	6.393	663.2E6	137.8E6	49.846	55.665
13)	MA Dieldrin	5.858	6.546	724.7E6	140.9E6	51.107	55.347
14)	MA Endrin	6.116	6.764	624.9E6	122.9E6	49.077	55.491
15)	B Endosulfa...	6.389	6.974	596.2E6	133.6E6	49.269	56.833
16)	A 4,4'-DDD	6.239	6.885	475.1E6	122.0E6	48.638	63.529 #
17)	MA 4,4'-DDT	6.481	7.185	474.0E6	108.3E6	45.242	54.679
18)	B Endrin al...	6.558	7.099	447.3E6	108.6E6	45.173	55.427
19)	B Endosulfa...	6.771	7.322	499.6E6	119.5E6	46.656	56.365
20)	A Methoxychlor	7.026	7.645	244.5E6	63823039	48.781	55.951
21)	B Endrin ke...	7.265	7.797	496.2E6	126.8E6	45.654	56.316
22)	Mirex	7.458	8.254	395.6E6	100.1E6	48.731	57.900
23)	Chlordane-1	4.424	5.039	16809722	2033266	42.596	25.507 #
24)	Chlordane-2	0.000	5.544f	0	169.9E6	N.D.	1896.078 #
25)	Chlordane-3	5.500	6.165	734.2E6	160.9E6	571.782	518.260
26)	Chlordane-4	5.558	6.238	708.2E6	153.3E6	670.506	407.460 #
27)	Chlordane-5	6.389	7.034	596.2E6	1129785	1583.416	16.758 #

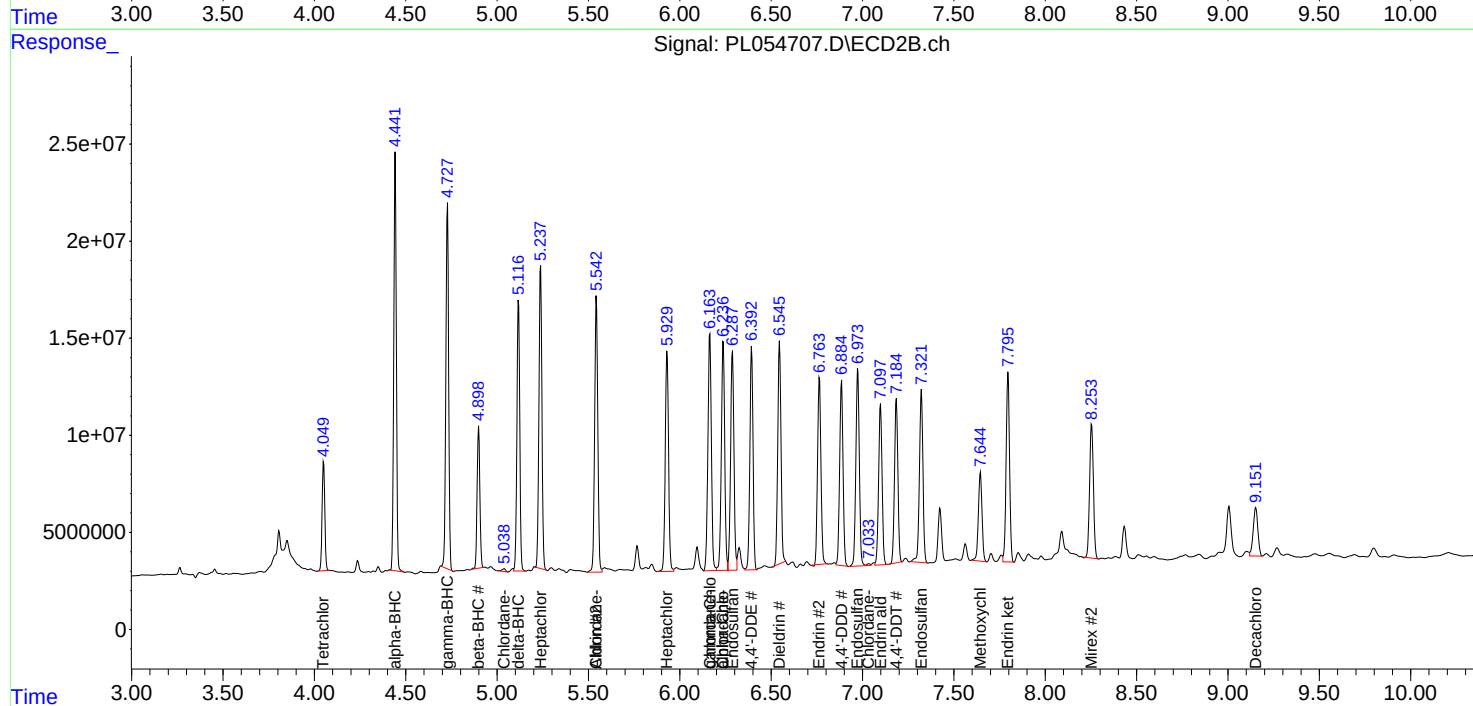
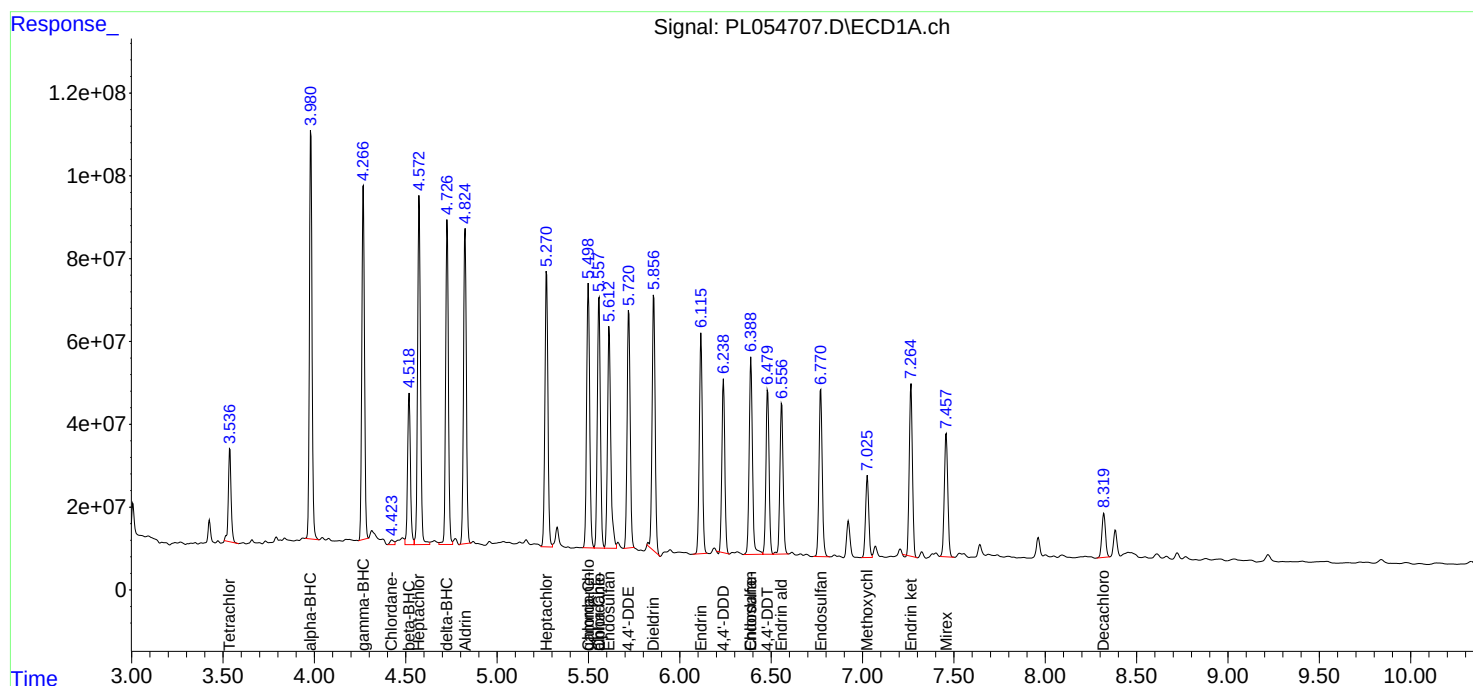
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

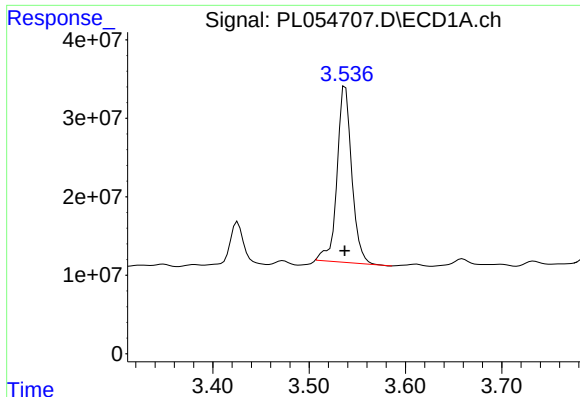
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112719\
Data File : PL054707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2019 16:54
Operator : SG\AJ
Sample : K6053-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 28 00:17:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 01:19:55 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

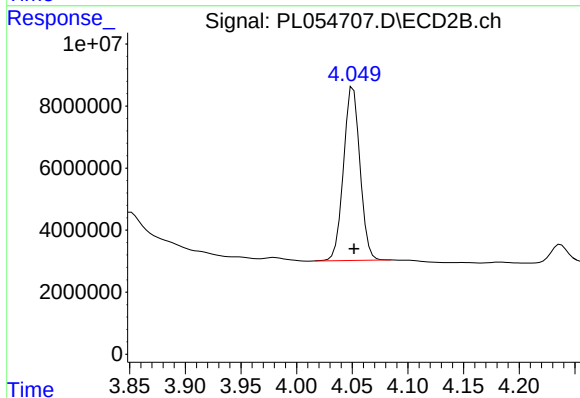




#1 Tetrachloro-m-xylene

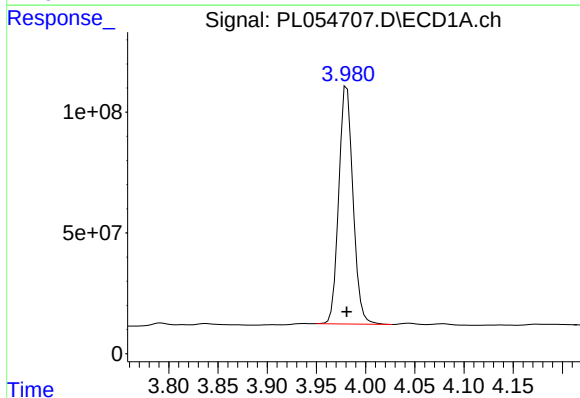
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 238233132
Conc: 20.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



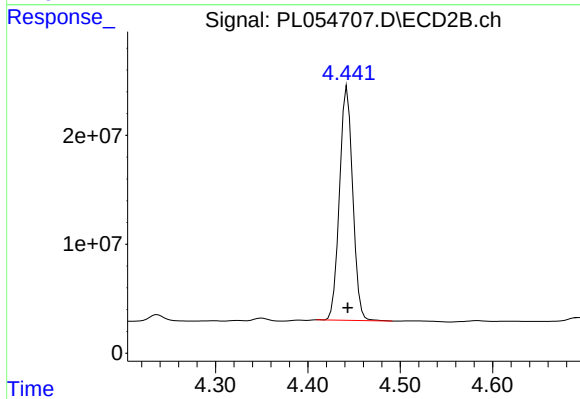
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 57578076
Conc: 22.56 ng/ml



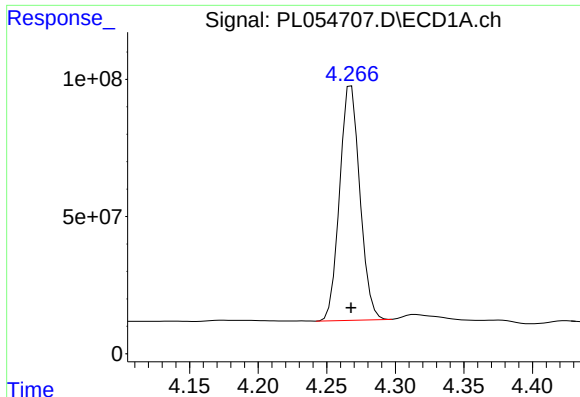
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 992526278
Conc: 52.28 ng/ml



#2 alpha-BHC

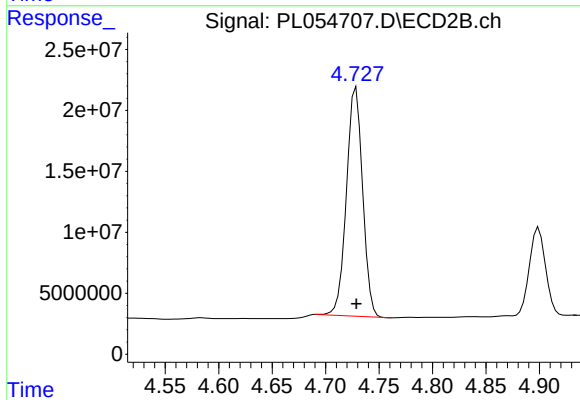
R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 213141041
Conc: 60.16 ng/ml



#3 gamma-BHC (Lindane)

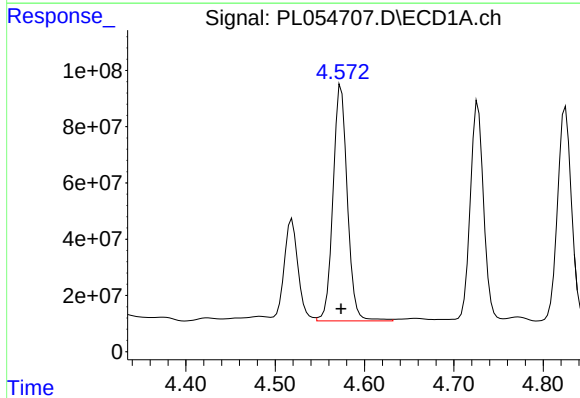
R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 879883242
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



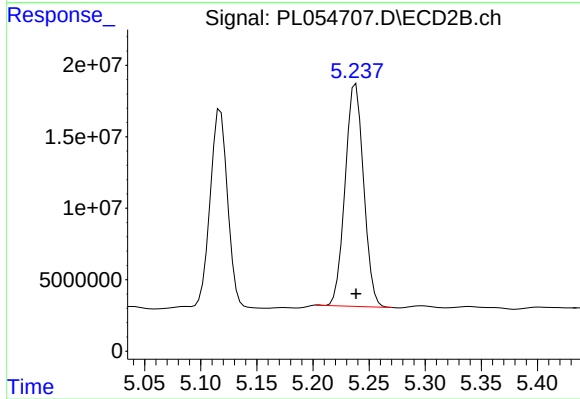
#3 gamma-BHC (Lindane)

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 198082885
Conc: 60.75 ng/ml



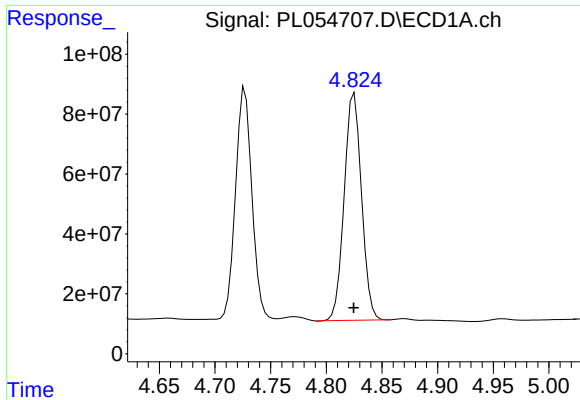
#4 Heptachlor

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 936013290
Conc: 53.08 ng/ml



#4 Heptachlor

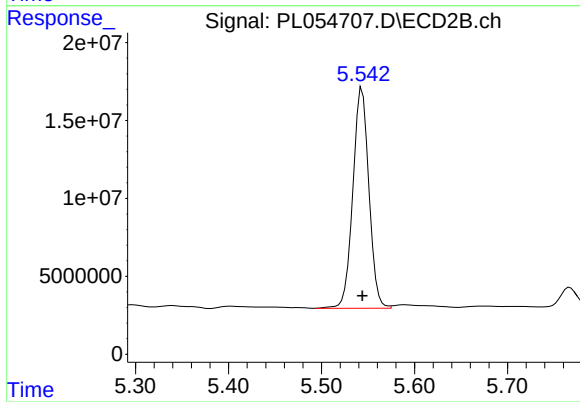
R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 178319726
Conc: 59.09 ng/ml



#5 Aldrin

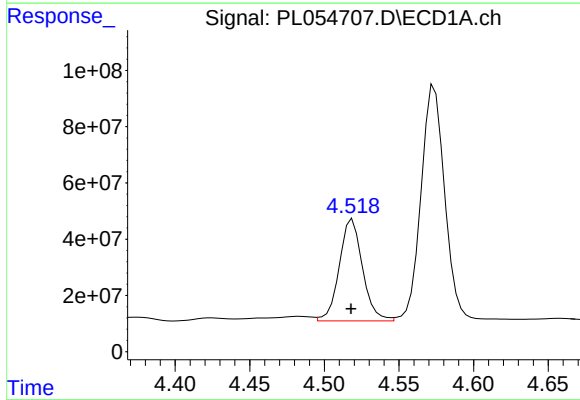
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 820520808
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



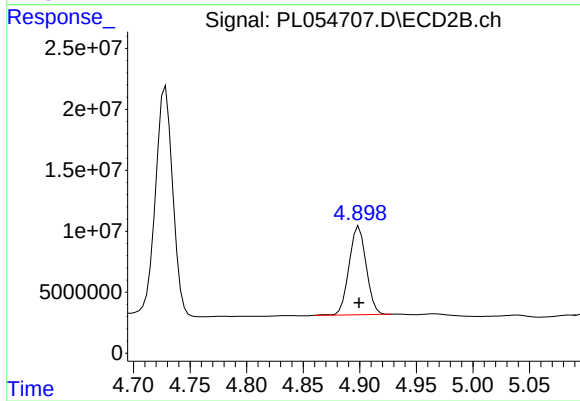
#5 Aldrin

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 169934134
Conc: 60.99 ng/ml



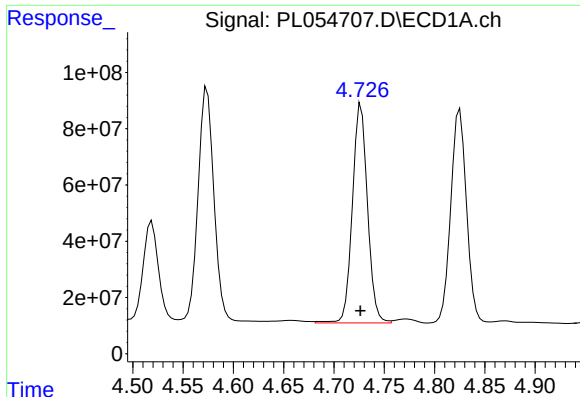
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.001 min
Response: 394166454
Conc: 53.14 ng/ml



#6 beta-BHC

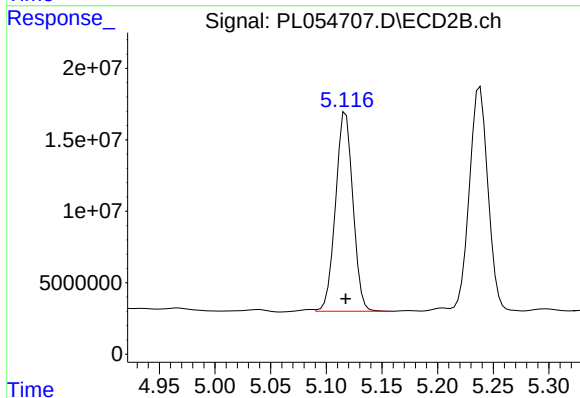
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 76428570
Conc: 54.27 ng/ml



#7 delta-BHC

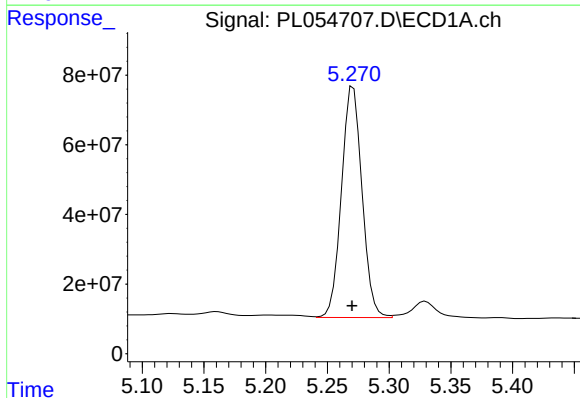
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 813580811
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



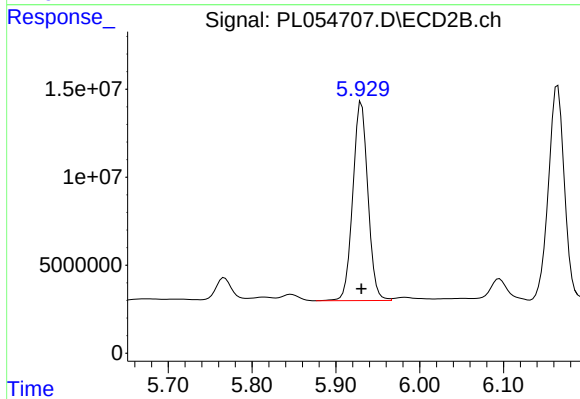
#7 delta-BHC

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 151210007
Conc: 56.71 ng/ml



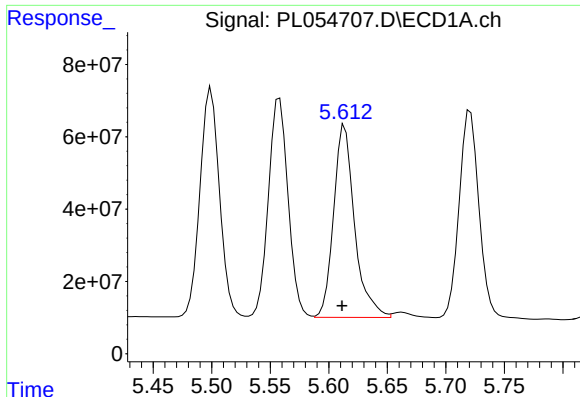
#8 Heptachlor epoxide

R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 769356691
Conc: 50.86 ng/ml



#8 Heptachlor epoxide

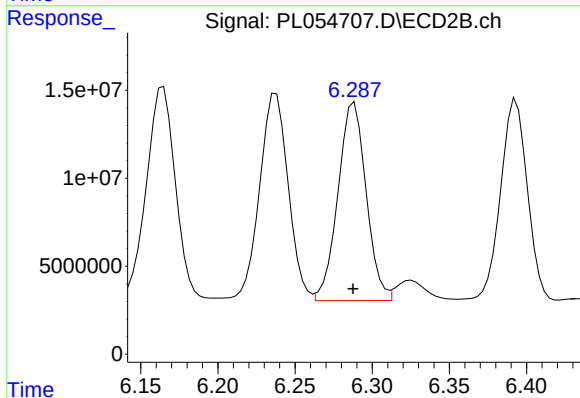
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 141450768
Conc: 56.62 ng/ml



#9 Endosulfan I

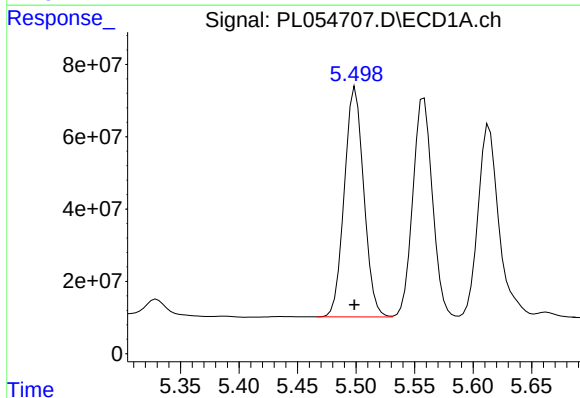
R.T.: 5.614 min
Delta R.T.: 0.002 min
Response: 662572377
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



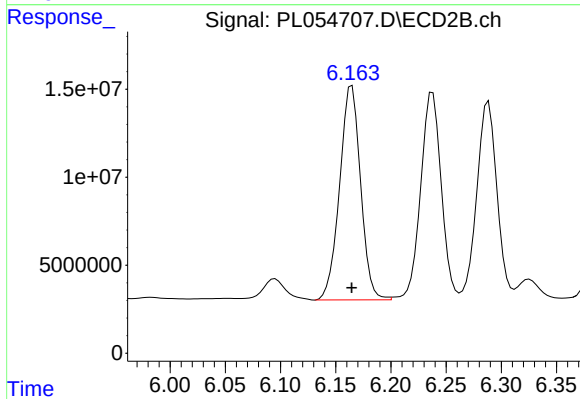
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 143067105
Conc: 57.84 ng/ml



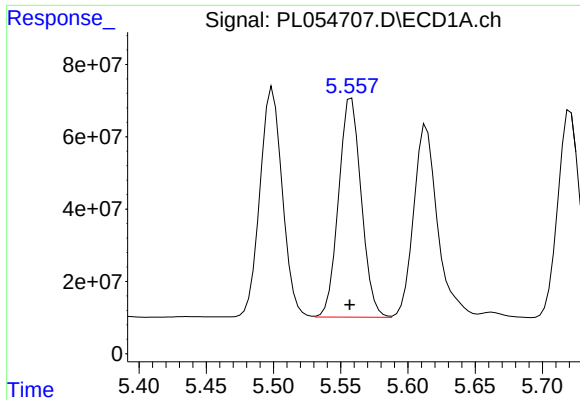
#10 gamma-Chlordane

R.T.: 5.500 min
Delta R.T.: 0.001 min
Response: 734242323
Conc: 48.42 ng/ml



#10 gamma-Chlordane

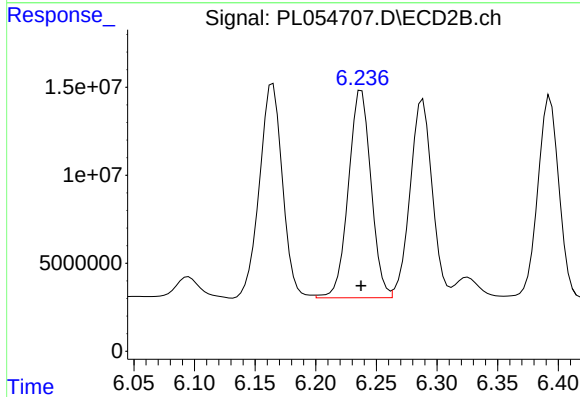
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 160868324
Conc: 61.07 ng/ml



#11 alpha-Chlordane

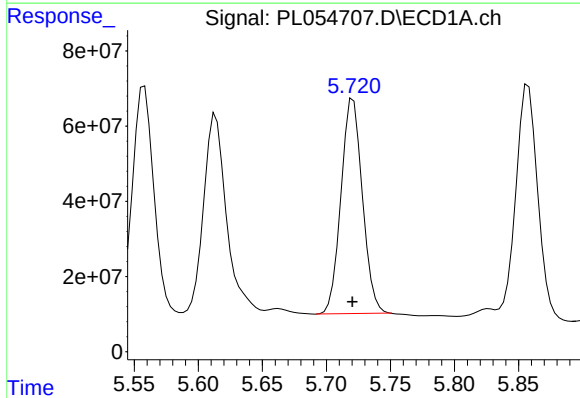
R.T.: 5.558 min
Delta R.T.: 0.001 min
Response: 708248019
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



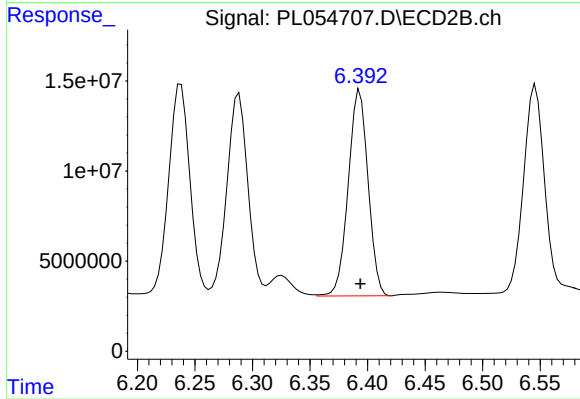
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 153322667
Conc: 58.39 ng/ml



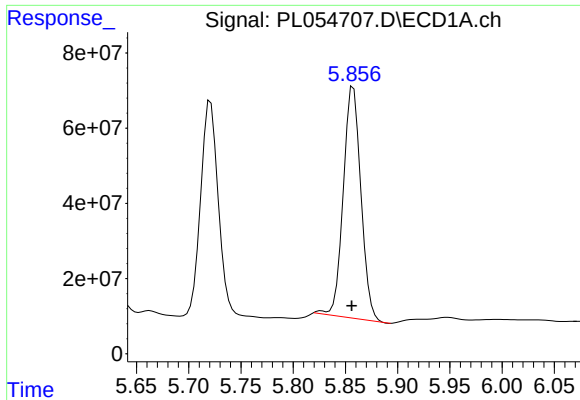
#12 4,4'-DDE

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 663191623
Conc: 49.85 ng/ml



#12 4,4'-DDE

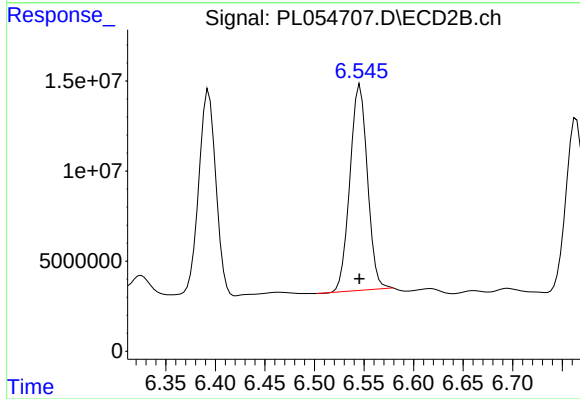
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 137792871
Conc: 55.66 ng/ml



#13 Dieldrin

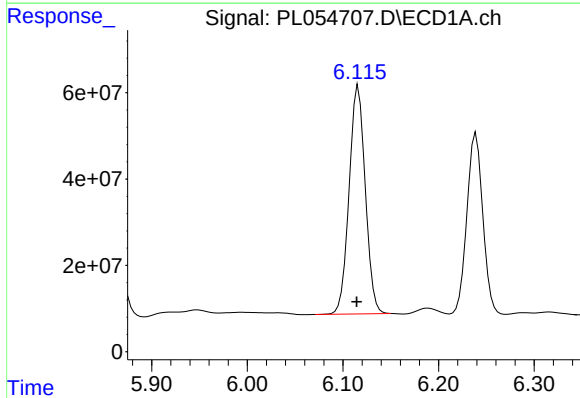
R.T.: 5.858 min
Delta R.T.: 0.001 min
Response: 724736426
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



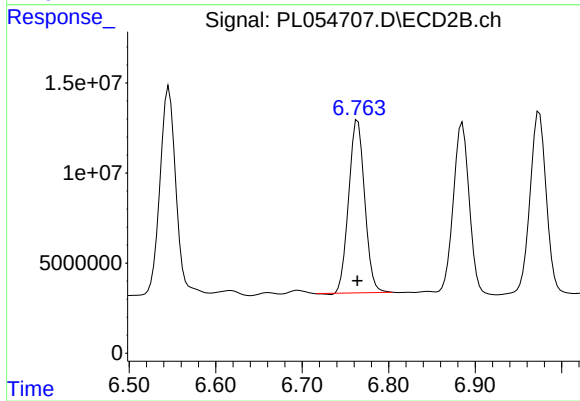
#13 Dieldrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 140876085
Conc: 55.35 ng/ml



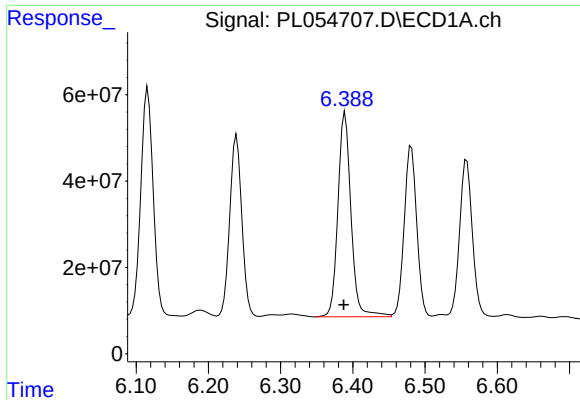
#14 Endrin

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 624936585
Conc: 49.08 ng/ml



#14 Endrin

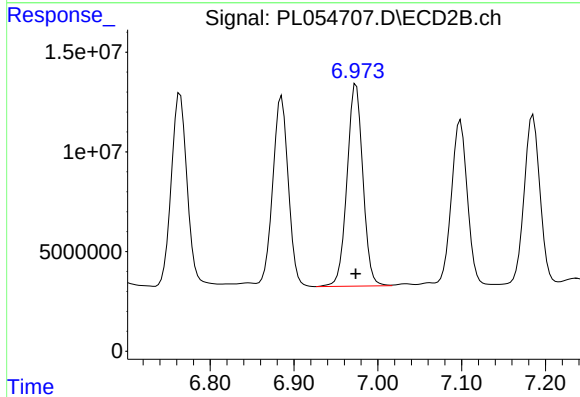
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 122934889
Conc: 55.49 ng/ml



#15 Endosulfan II

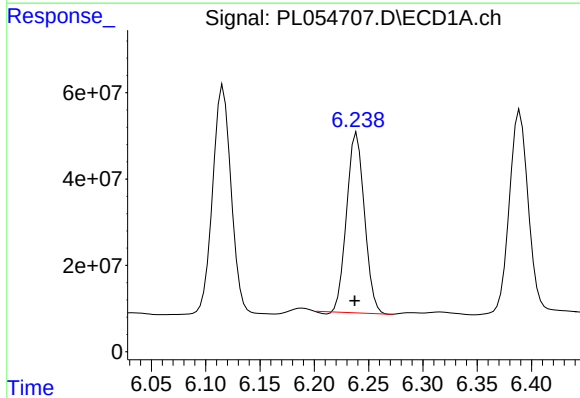
R.T.: 6.389 min
Delta R.T.: 0.002 min
Response: 596158976
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



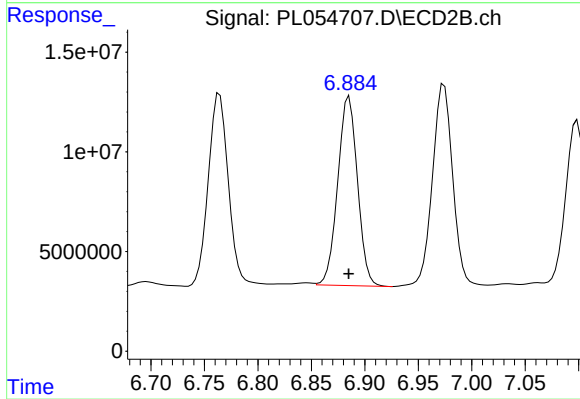
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 133613038
Conc: 56.83 ng/ml



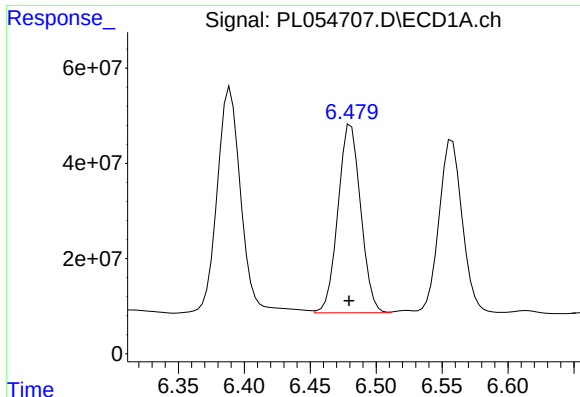
#16 4,4'-DDD

R.T.: 6.239 min
Delta R.T.: 0.002 min
Response: 475063203
Conc: 48.64 ng/ml



#16 4,4'-DDD

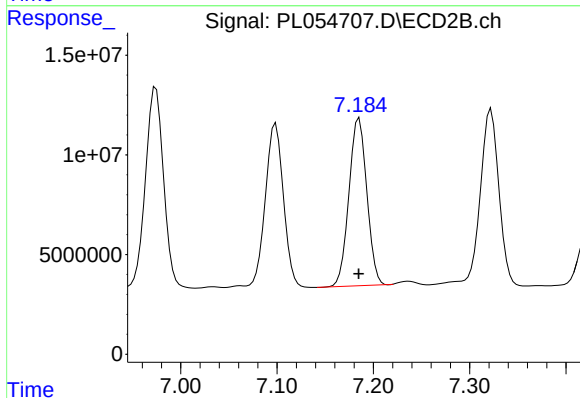
R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 121979906
Conc: 63.53 ng/ml



#17 4,4'-DDT

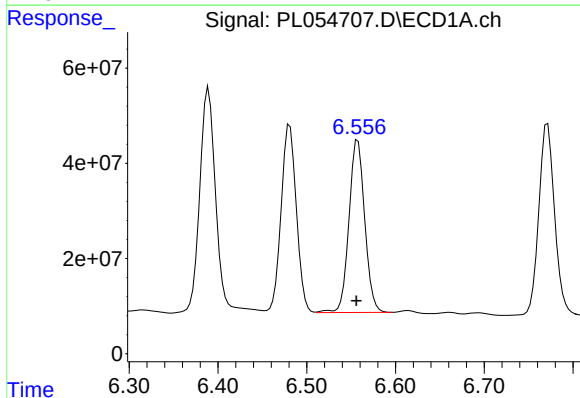
R.T.: 6.481 min
Delta R.T.: 0.002 min
Response: 473967376
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



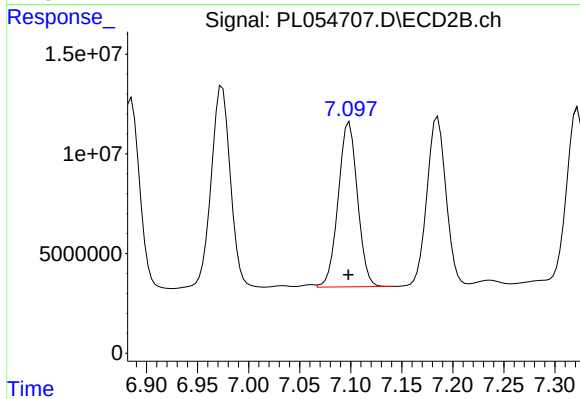
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 108336945
Conc: 54.68 ng/ml



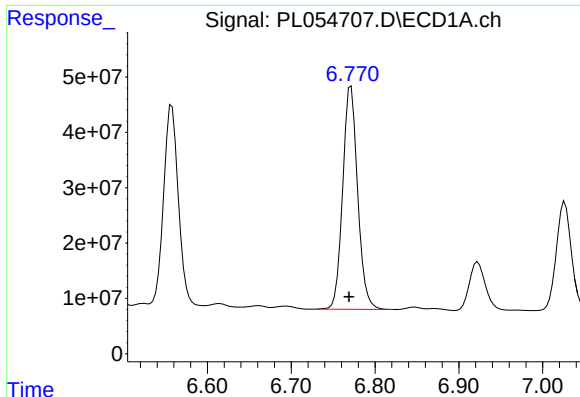
#18 Endrin aldehyde

R.T.: 6.558 min
Delta R.T.: 0.002 min
Response: 447345039
Conc: 45.17 ng/ml



#18 Endrin aldehyde

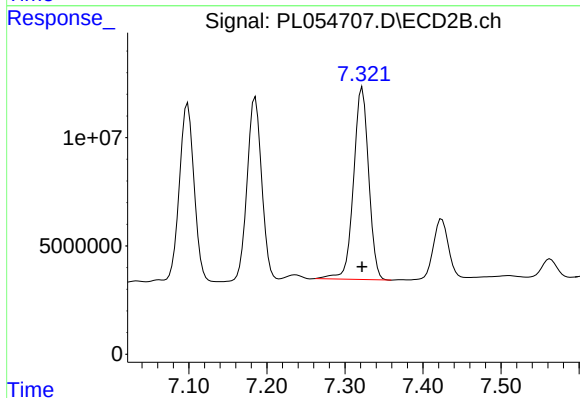
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 108647851
Conc: 55.43 ng/ml



#19 Endosulfan Sulfate

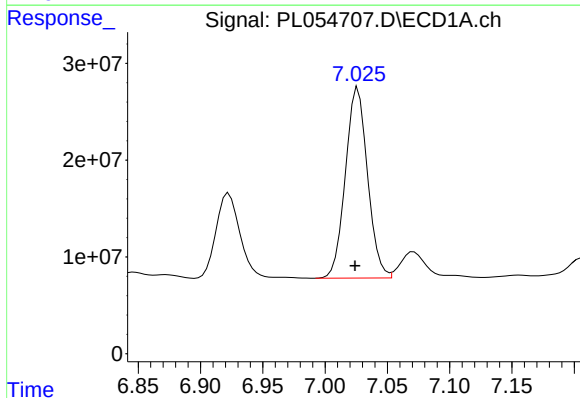
R.T.: 6.771 min
Delta R.T.: 0.002 min
Response: 499632162
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



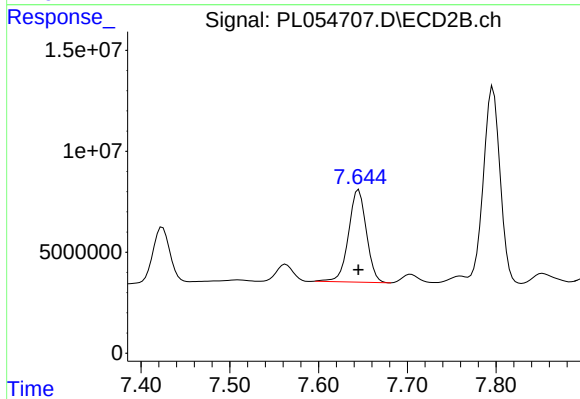
#19 Endosulfan Sulfate

R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 119521526
Conc: 56.36 ng/ml



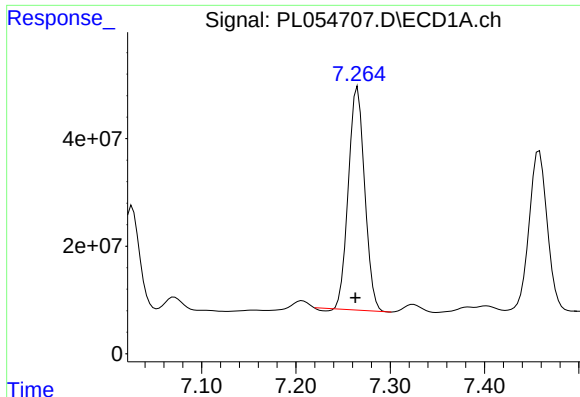
#20 Methoxychlor

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 244480121
Conc: 48.78 ng/ml



#20 Methoxychlor

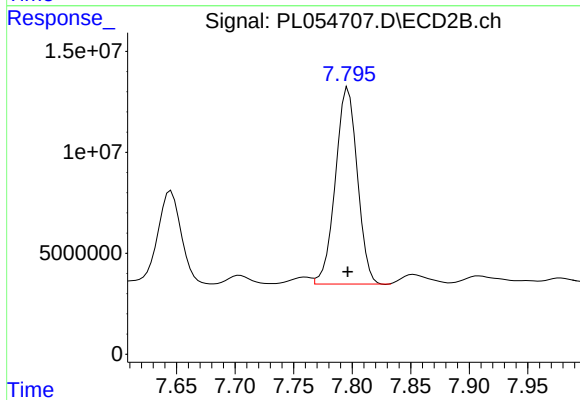
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 63823039
Conc: 55.95 ng/ml



#21 Endrin ketone

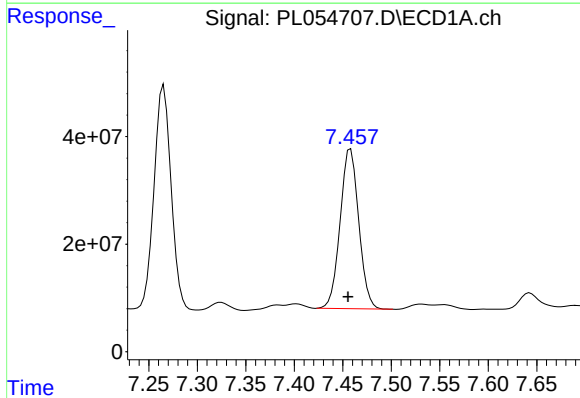
R.T.: 7.265 min
Delta R.T.: 0.002 min
Response: 496216814
Conc: 45.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



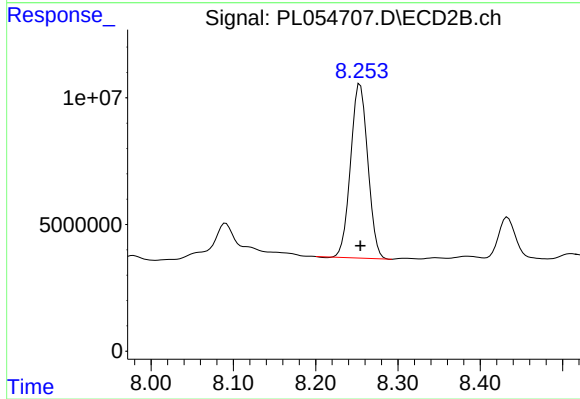
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 126762404
Conc: 56.32 ng/ml



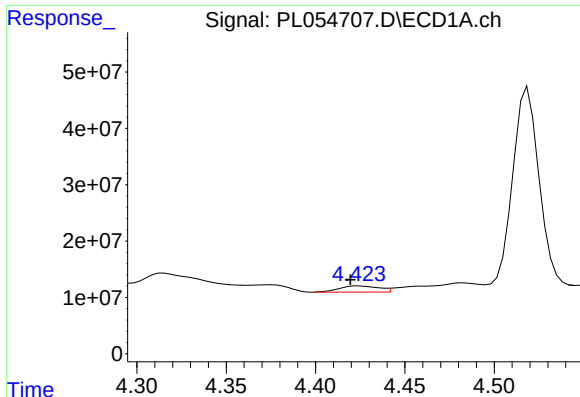
#22 Mirex

R.T.: 7.458 min
Delta R.T.: 0.003 min
Response: 395620538
Conc: 48.73 ng/ml



#22 Mirex

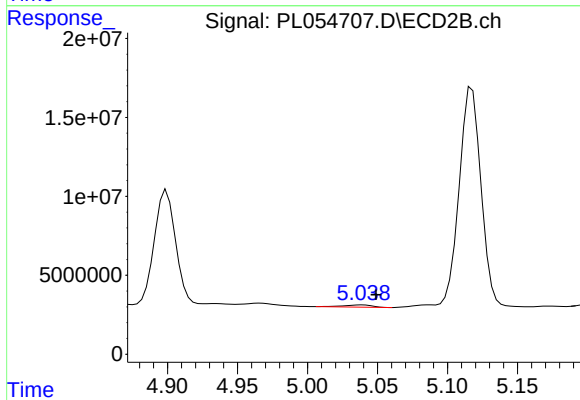
R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 100069426
Conc: 57.90 ng/ml



#23 Chlordane-1

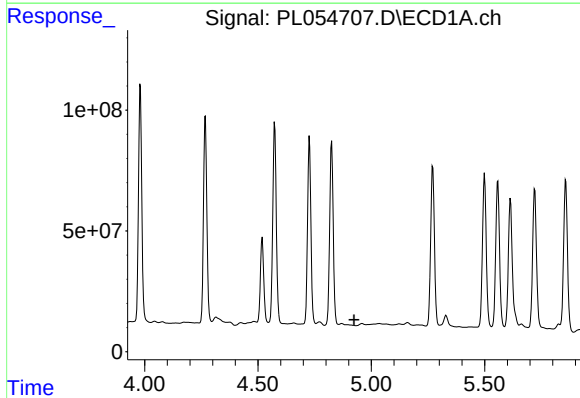
R.T.: 4.424 min
Delta R.T.: 0.005 min
Response: 16809722
Conc: 42.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



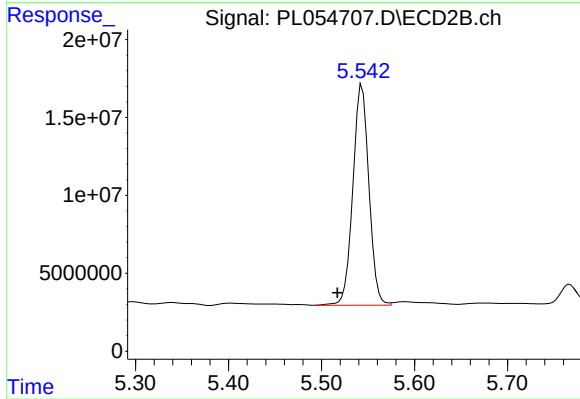
#23 Chlordane-1

R.T.: 5.039 min
Delta R.T.: -0.009 min
Response: 2033266
Conc: 25.51 ng/ml



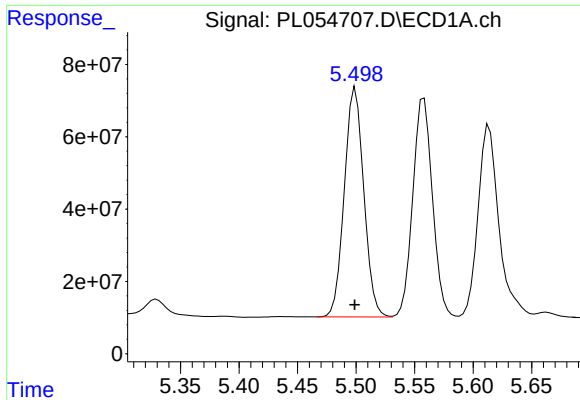
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#24 Chlordane-2

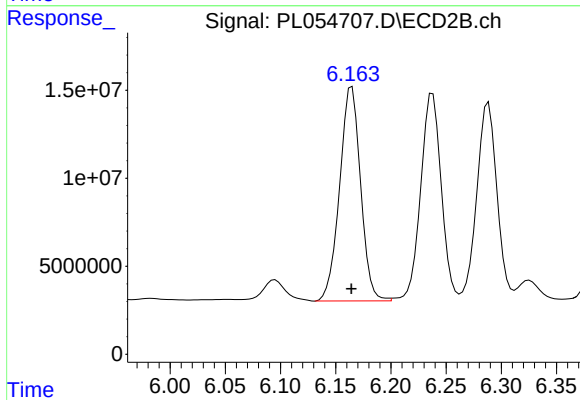
R.T.: 5.544 min
Delta R.T.: 0.026 min
Response: 169934134
Conc: 1896.08 ng/ml



#25 Chlordane-3

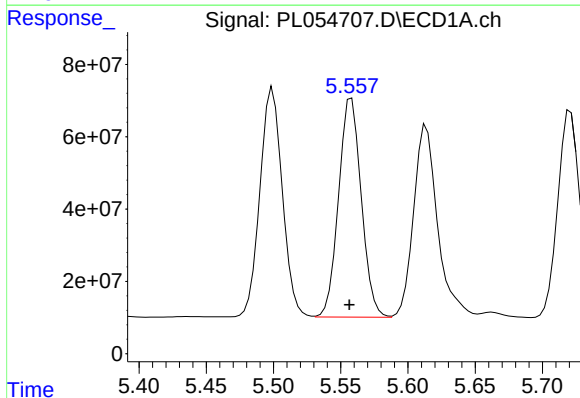
R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 734242323
Conc: 571.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



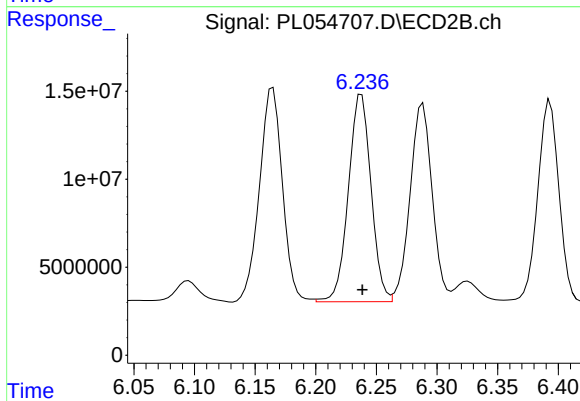
#25 Chlordane-3

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 160868324
Conc: 518.26 ng/ml



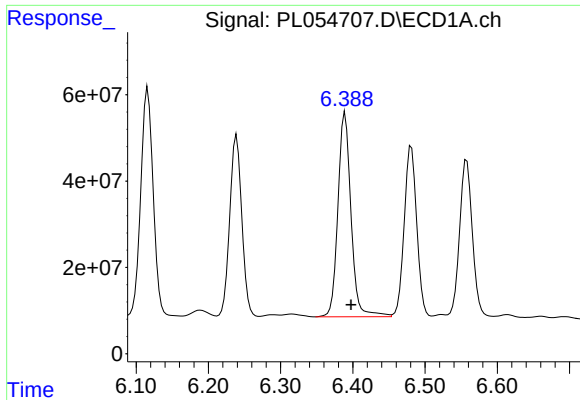
#26 Chlordane-4

R.T.: 5.558 min
Delta R.T.: 0.002 min
Response: 708248019
Conc: 670.51 ng/ml



#26 Chlordane-4

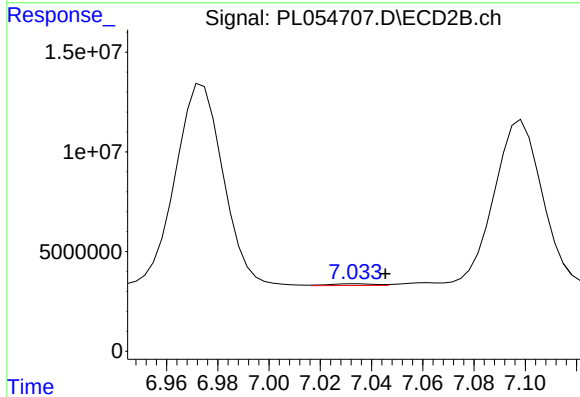
R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 153322667
Conc: 407.46 ng/ml



#27 Chlordane-5

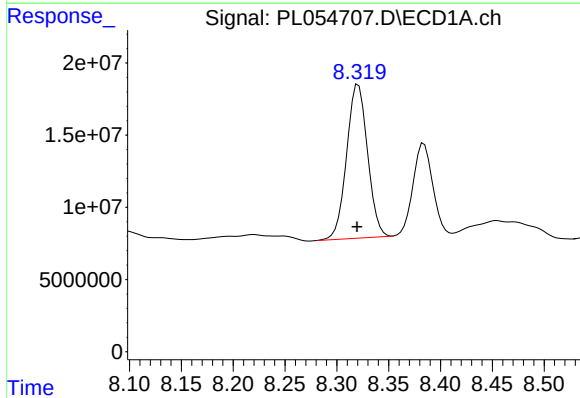
R.T.: 6.389 min
Delta R.T.: -0.008 min
Response: 596158976
Conc: 1583.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
EXT-084-SW178-112519-1MSD



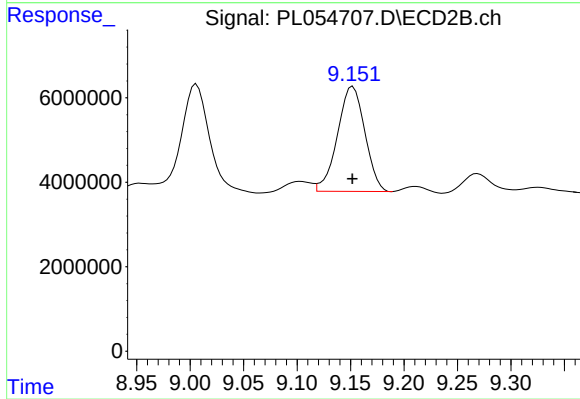
#27 Chlordane-5

R.T.: 7.034 min
Delta R.T.: -0.011 min
Response: 1129785
Conc: 16.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.321 min
Delta R.T.: 0.001 min
Response: 149568260
Conc: 15.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.152 min
Delta R.T.: 0.000 min
Response: 44357013
Conc: 18.50 ng/ml