

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112719\
 Data File : PL054706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2019 16:40
 Operator : SG\AJ
 Sample : K6053-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 00:17:31 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	247.0E6	57424576	21.228	22.503
28)	SA Decachlor...	8.321	9.153	147.9E6	44850386	15.444	18.708
Target Compounds							
2)	A alpha-BHC	3.982	4.443	992.2E6	211.4E6	52.266	59.667
3)	MA gamma-BHC...	4.268	4.728	859.6E6	195.5E6	50.430	59.948
4)	MA Heptachlor	4.574	5.238	933.0E6	178.2E6	52.908	59.047
5)	MB Aldrin	4.825	5.544	838.0E6	168.6E6	51.413	60.516
6)	B beta-BHC	4.519	4.899	390.3E6	76257736	52.622	54.152
7)	B delta-BHC	4.727	5.117	827.5E6	152.0E6	50.906	56.994
8)	B Heptachlo...	5.271	5.930	763.6E6	143.5E6	50.482	57.429
9)	A Endosulfan I	5.613	6.289	665.2E6	140.1E6	48.781	56.623
10)	B gamma-Chl...	5.500	6.164	748.0E6	159.3E6	49.330	60.472
11)	B alpha-Chl...	5.558	6.238	715.8E6	150.6E6	48.545	57.374
12)	B 4,4'-DDE	5.721	6.394	659.4E6	136.5E6	49.558	55.129
13)	MA Dieldrin	5.858	6.546	712.2E6	141.0E6	50.224	55.384
14)	MA Endrin	6.116	6.765	626.6E6	121.8E6	49.205	54.981
15)	B Endosulfa...	6.390	6.975	611.0E6	132.2E6	50.492	56.244
16)	A 4,4'-DDD	6.239	6.886	481.3E6	120.9E6	49.277	62.962 #
17)	MA 4,4'-DDT	6.481	7.186	477.6E6	109.2E6	45.590	55.113
18)	B Endrin al...	6.558	7.099	443.8E6	109.4E6	44.819	55.818
19)	B Endosulfa...	6.772	7.323	498.8E6	118.4E6	46.582	55.837
20)	A Methoxychlor	7.026	7.645	241.6E6	64542743	48.201	56.582
21)	B Endrin ke...	7.265	7.797	496.9E6	129.0E6	45.713	57.316 #
22)	Mirex	7.457	8.254	395.7E6	99637141	48.742	57.649
23)	Chlordane-1	4.424	5.039	16193214	2045149	41.033	25.656 #
24)	Chlordane-2	0.000	5.544f	0	168.6E6	N.D.	1881.481 #
25)	Chlordane-3	5.500	6.164	748.0E6	159.3E6	582.531	513.224
26)	Chlordane-4	5.558	6.238	715.8E6	150.6E6	677.694	400.342 #
27)	Chlordane-5	6.390	7.034	611.0E6	737733	1622.734	10.943 #

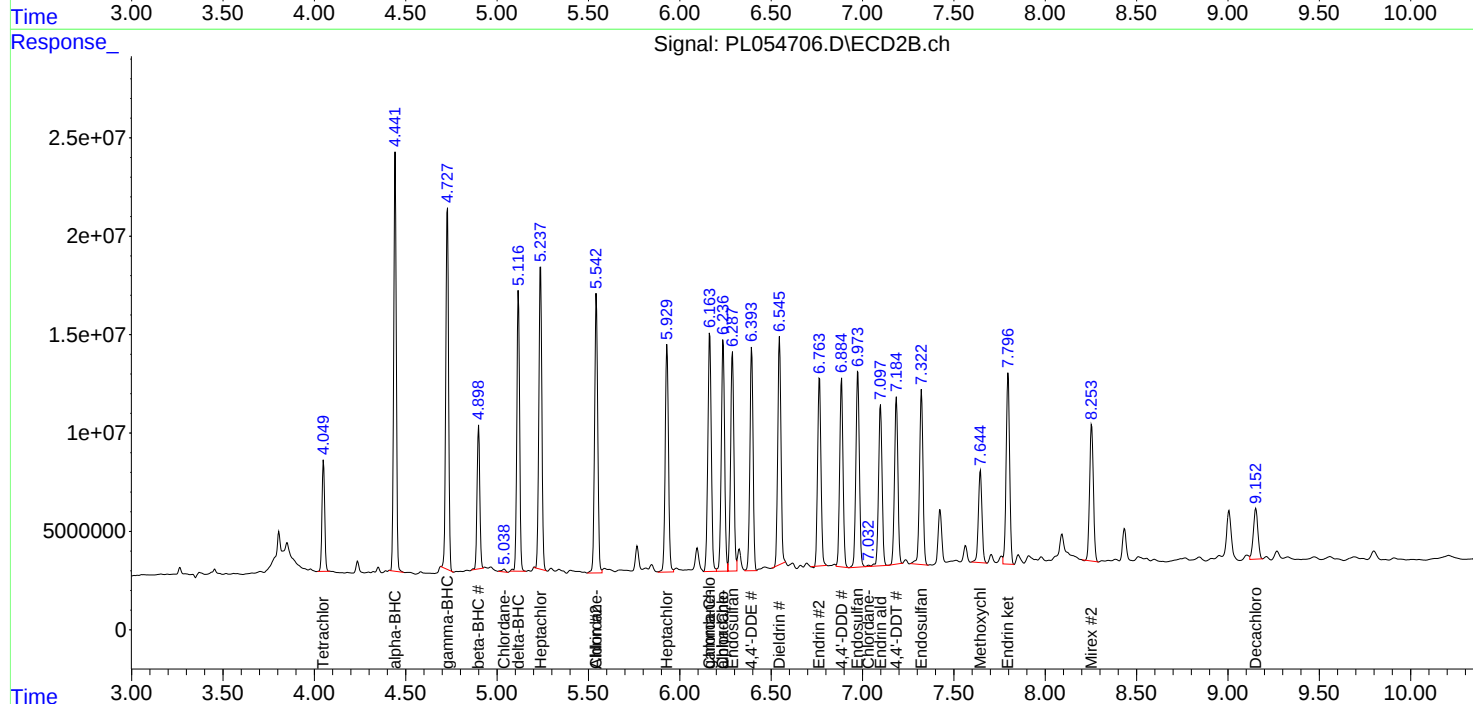
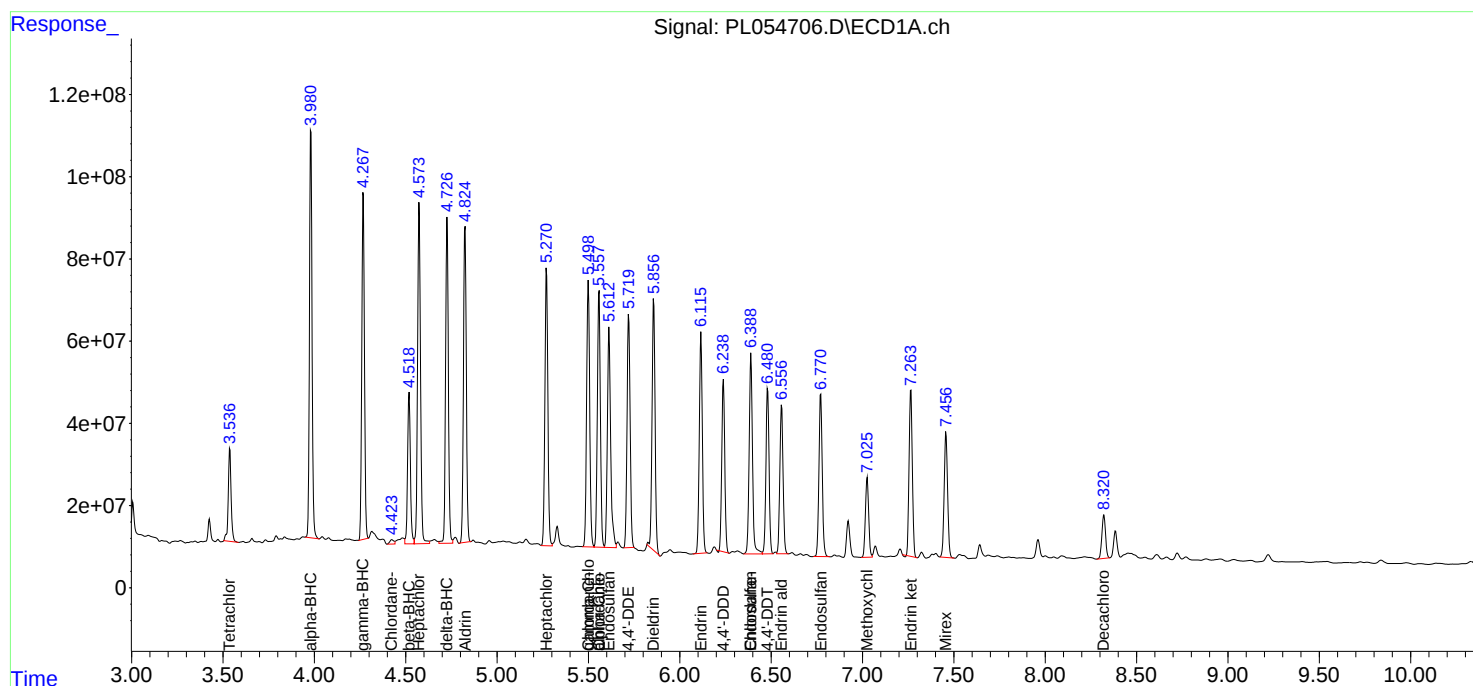
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

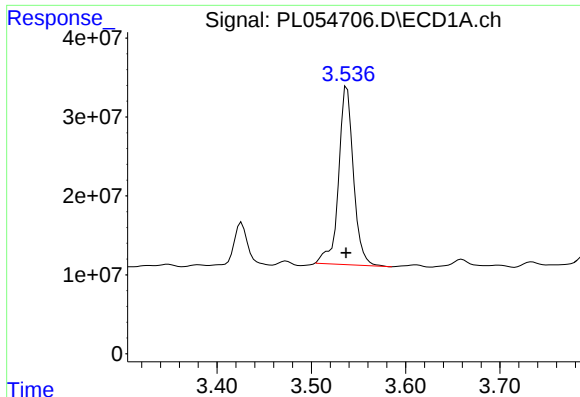
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112719\
 Data File : PL054706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2019 16:40
 Operator : SG\AJ
 Sample : K6053-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 00:17:31 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

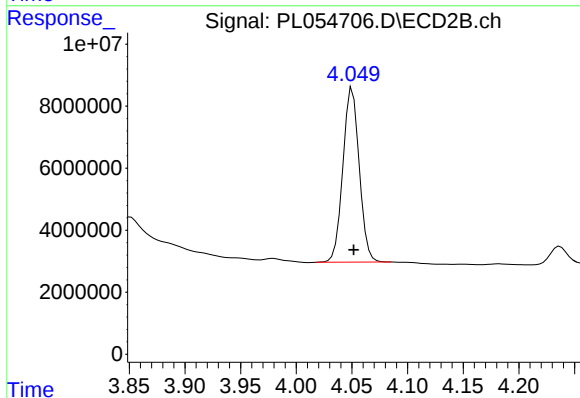




#1 Tetrachloro-m-xylene

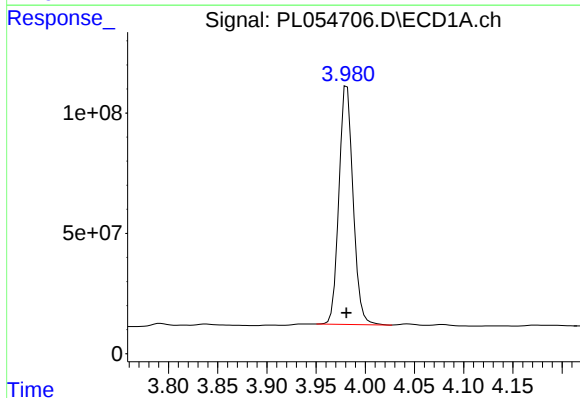
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 246972219
Conc: 21.23 ng/ml

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



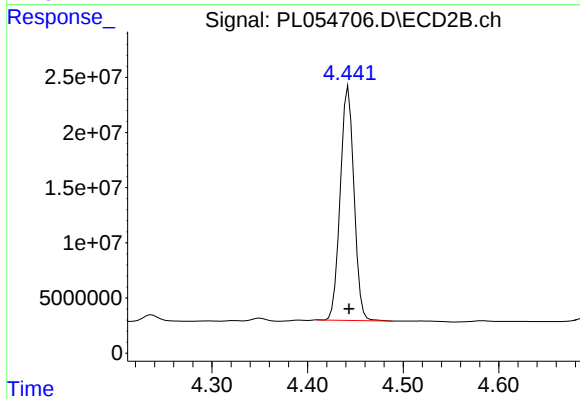
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 57424576
Conc: 22.50 ng/ml



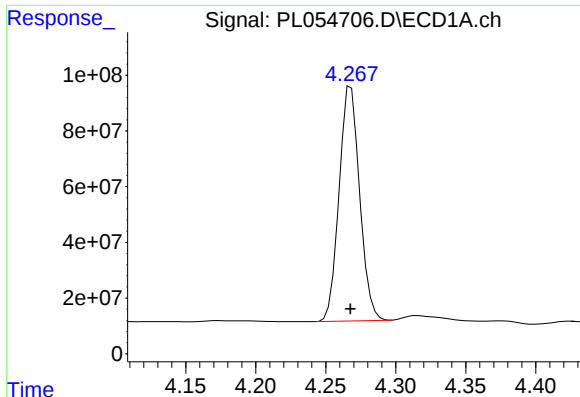
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 992214092
Conc: 52.27 ng/ml



#2 alpha-BHC

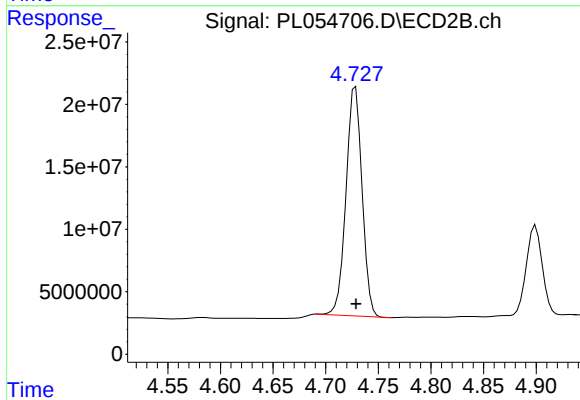
R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 211385615
Conc: 59.67 ng/ml



#3 gamma-BHC (Lindane)

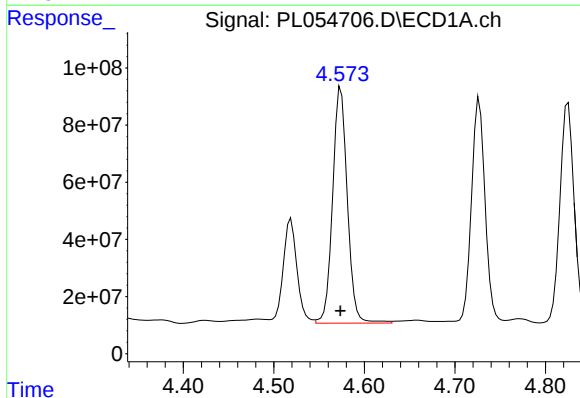
R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 859622838
Conc: 50.43 ng/ml

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



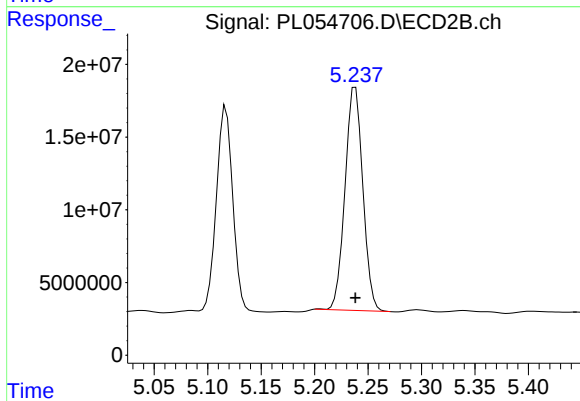
#3 gamma-BHC (Lindane)

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 195463536
Conc: 59.95 ng/ml



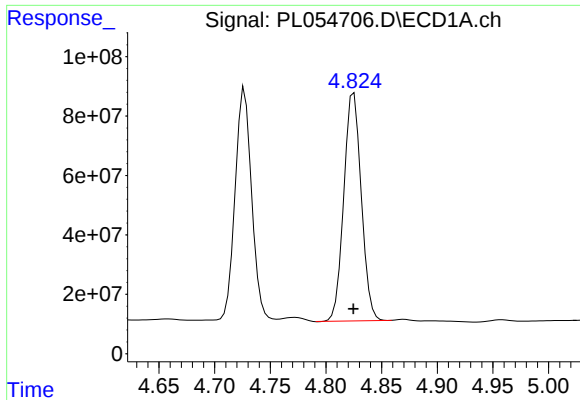
#4 Heptachlor

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 932955596
Conc: 52.91 ng/ml



#4 Heptachlor

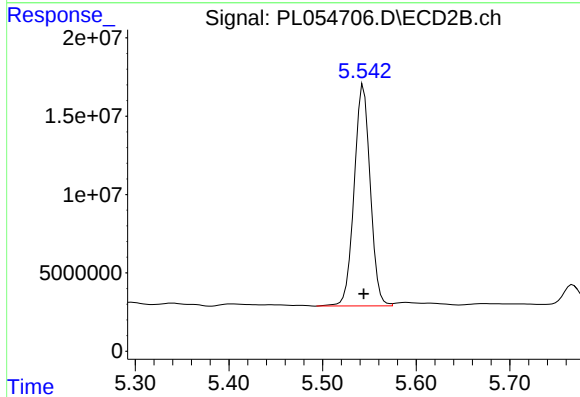
R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 178201753
Conc: 59.05 ng/ml



#5 Aldrin

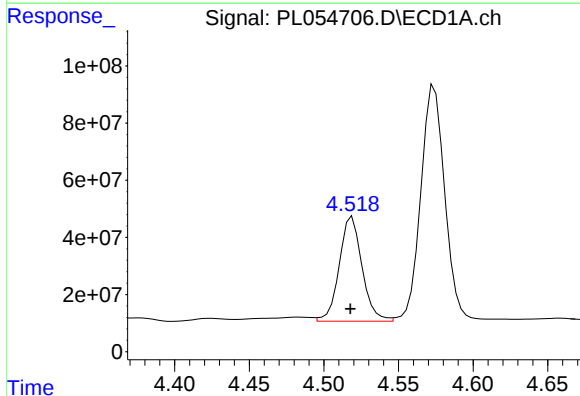
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 838025457
Conc: 51.41 ng/ml

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



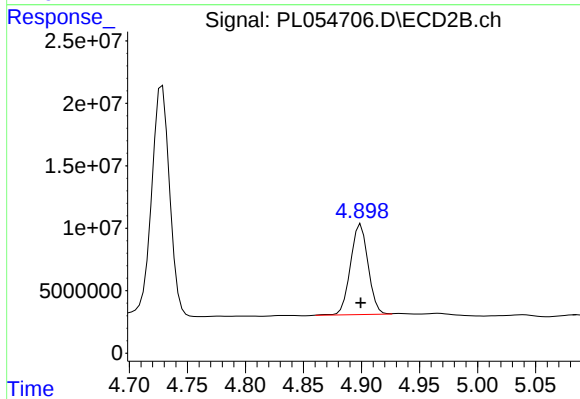
#5 Aldrin

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 168625874
Conc: 60.52 ng/ml



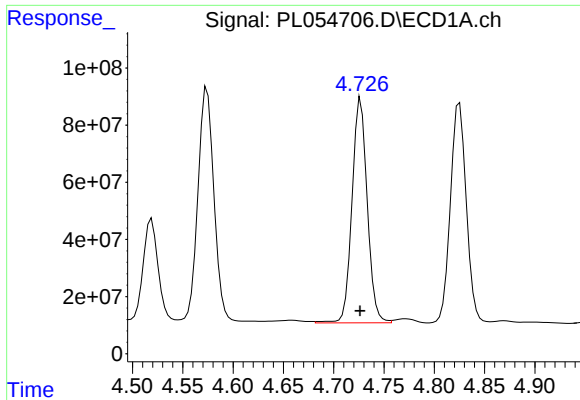
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.001 min
Response: 390290531
Conc: 52.62 ng/ml



#6 beta-BHC

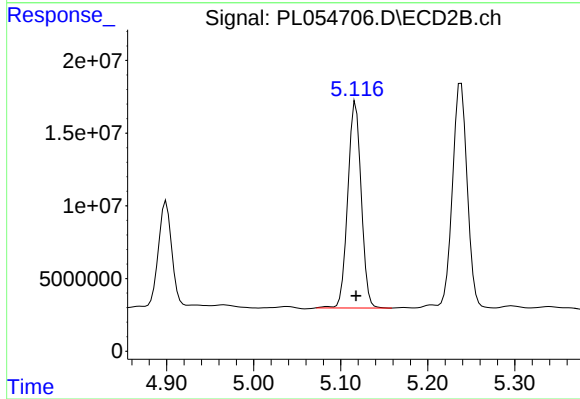
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 76257736
Conc: 54.15 ng/ml



#7 delta-BHC

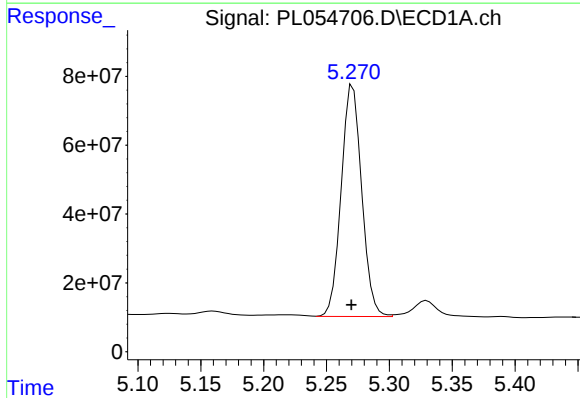
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 827487759
Conc: 50.91 ng/ml

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



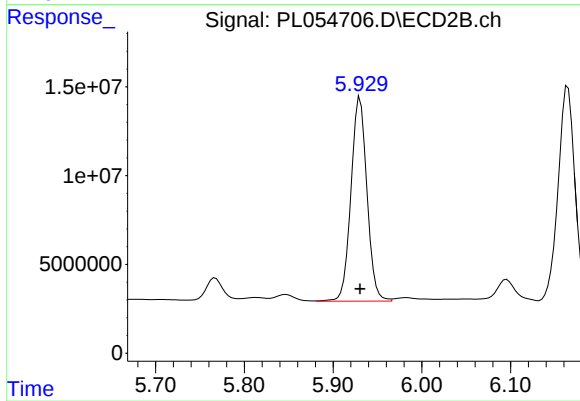
#7 delta-BHC

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 151957119
Conc: 56.99 ng/ml



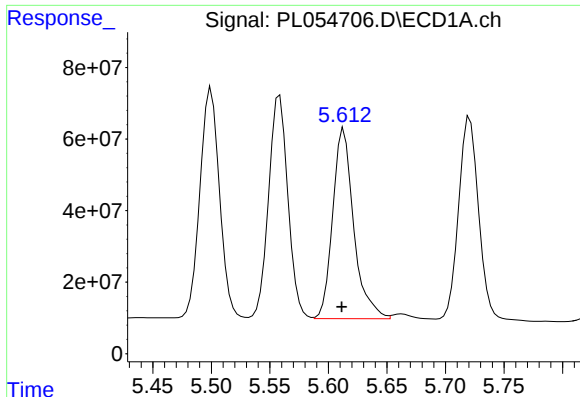
#8 Heptachlor epoxide

R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 763594592
Conc: 50.48 ng/ml



#8 Heptachlor epoxide

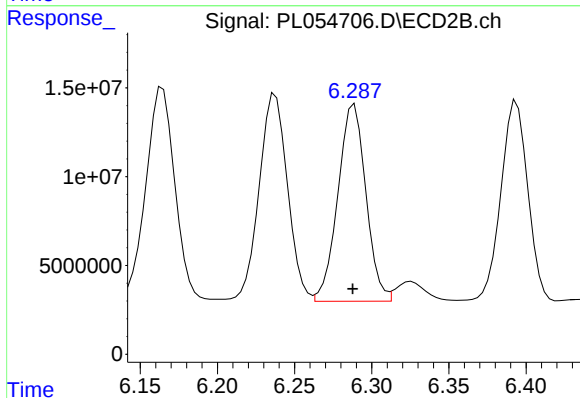
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 143467718
Conc: 57.43 ng/ml



#9 Endosulfan I

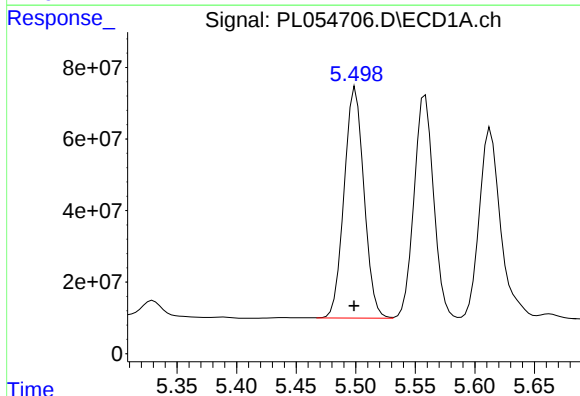
R.T.: 5.613 min
Delta R.T.: 0.002 min
Response: 665210135
Conc: 48.78 ng/ml

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



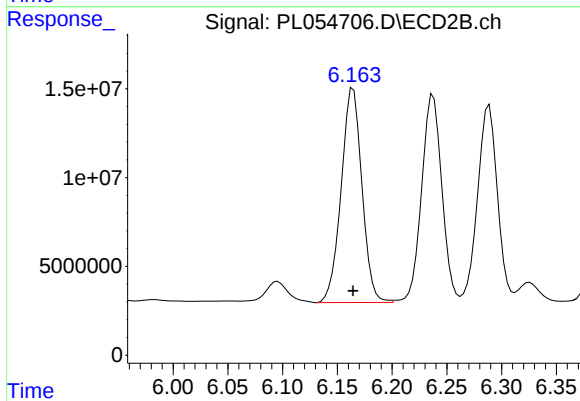
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: 0.001 min
Response: 140058960
Conc: 56.62 ng/ml



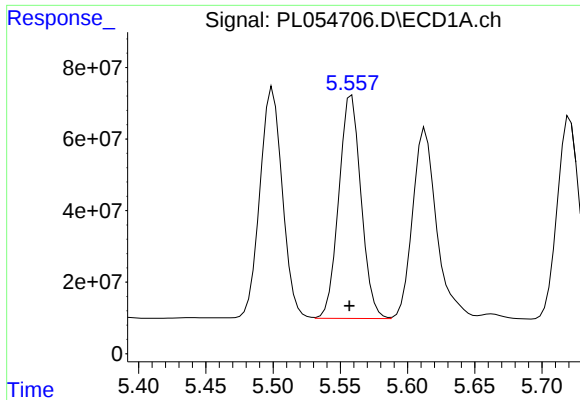
#10 gamma-Chlordane

R.T.: 5.500 min
Delta R.T.: 0.001 min
Response: 748046240
Conc: 49.33 ng/ml



#10 gamma-Chlordane

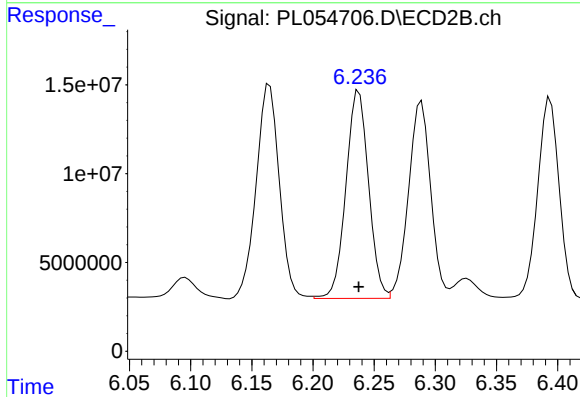
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 159305255
Conc: 60.47 ng/ml



#11 alpha-Chlordane

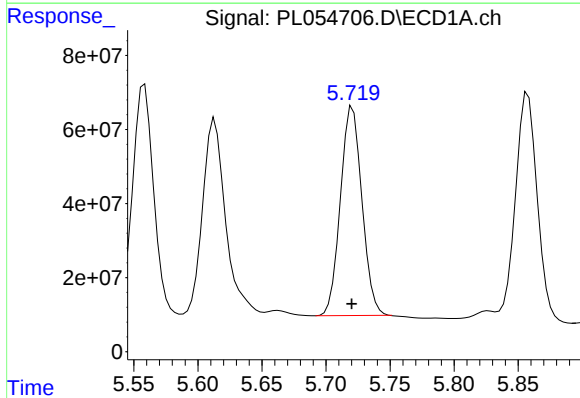
R.T.: 5.558 min
Delta R.T.: 0.002 min
Response: 715840768
Conc: 48.55 ng/ml

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



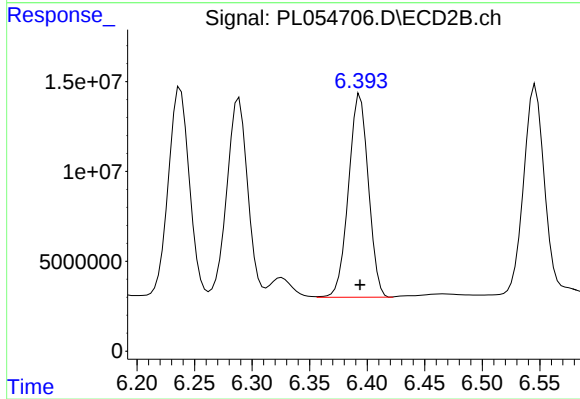
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 150644319
Conc: 57.37 ng/ml



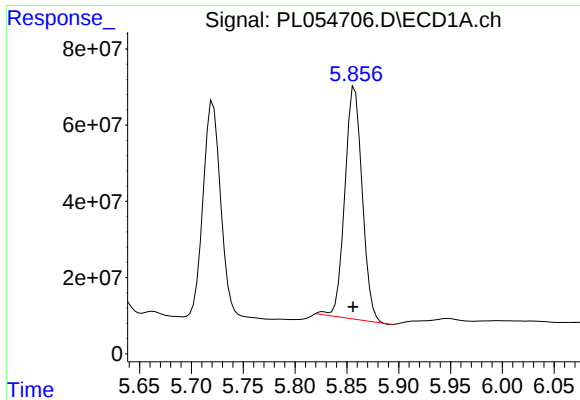
#12 4,4'-DDE

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 659355604
Conc: 49.56 ng/ml



#12 4,4'-DDE

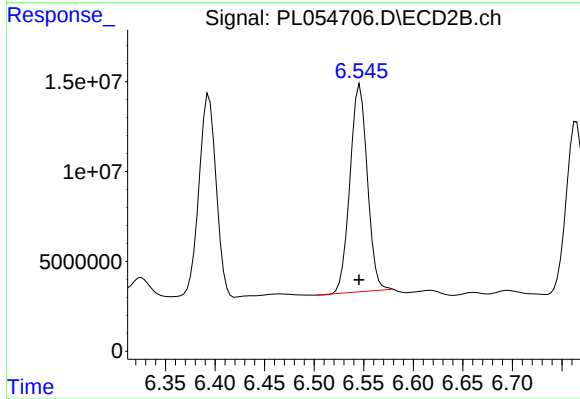
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 136466779
Conc: 55.13 ng/ml



#13 Dieldrin

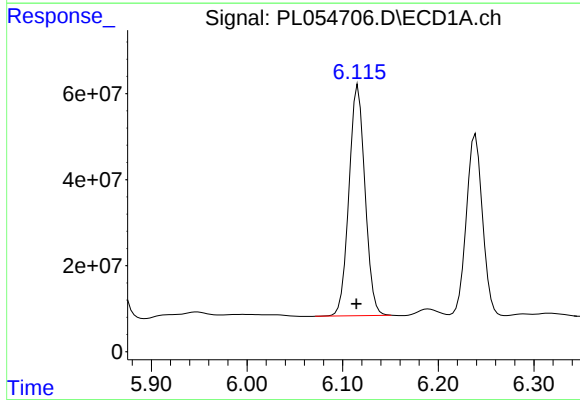
R.T.: 5.858 min
Delta R.T.: 0.001 min
Response: 712214544
Conc: 50.22 ng/ml

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



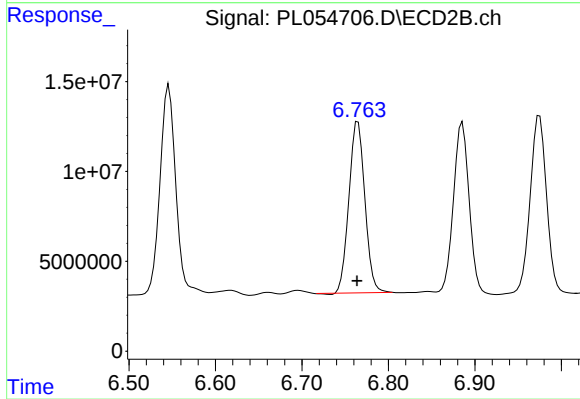
#13 Dieldrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 140969415
Conc: 55.38 ng/ml



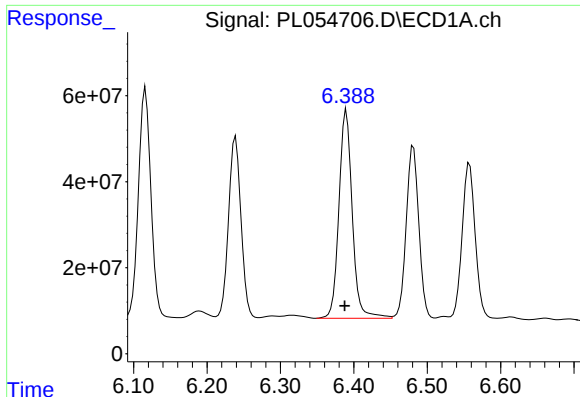
#14 Endrin

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 626565030
Conc: 49.21 ng/ml



#14 Endrin

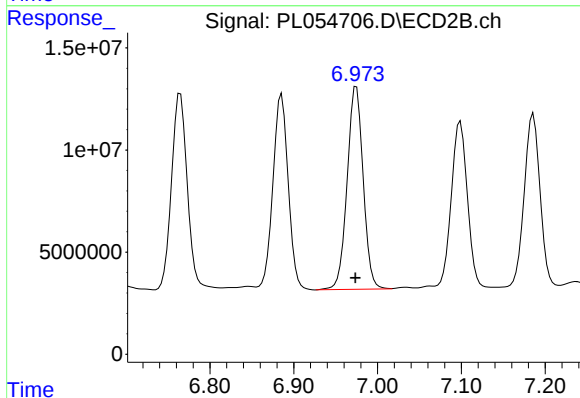
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 121803769
Conc: 54.98 ng/ml



#15 Endosulfan II

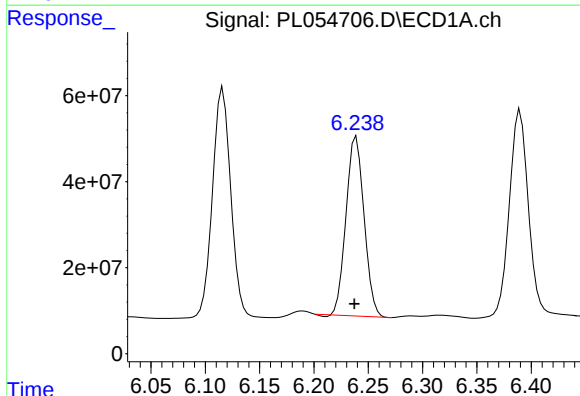
R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 610962458
Conc: 50.49 ng/ml

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



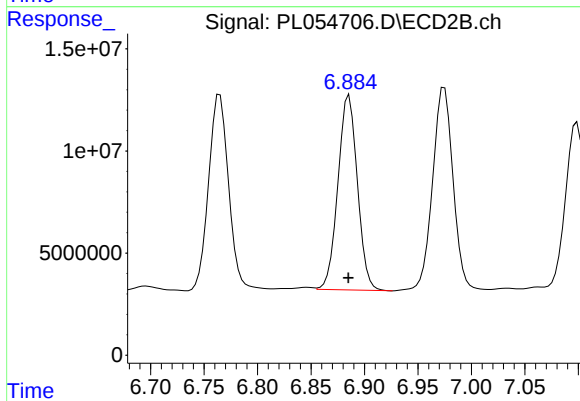
#15 Endosulfan II

R.T.: 6.975 min
Delta R.T.: 0.001 min
Response: 132228501
Conc: 56.24 ng/ml



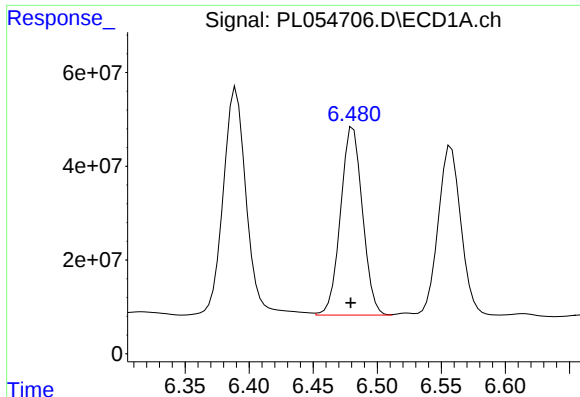
#16 4,4'-DDD

R.T.: 6.239 min
Delta R.T.: 0.002 min
Response: 481305304
Conc: 49.28 ng/ml



#16 4,4'-DDD

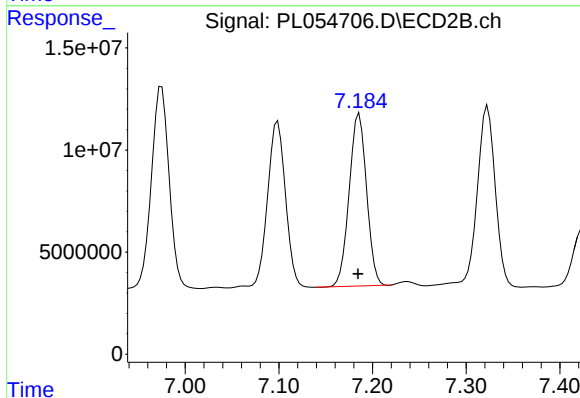
R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 120891606
Conc: 62.96 ng/ml



#17 4,4'-DDT

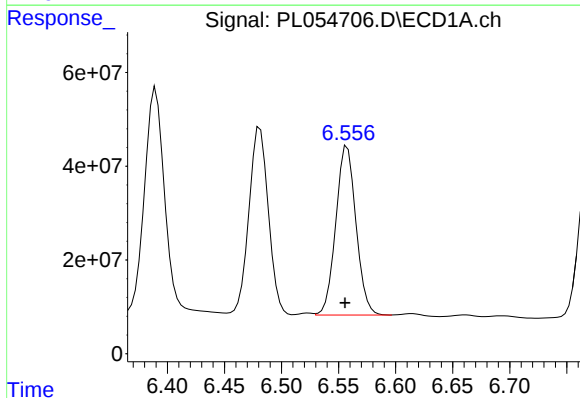
R.T.: 6.481 min
Delta R.T.: 0.002 min
Response: 477610608
Conc: 45.59 ng/ml

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



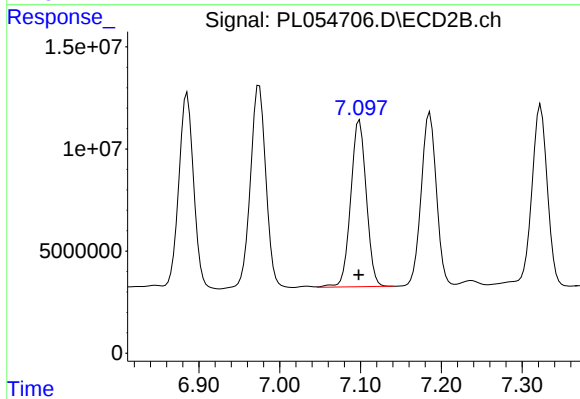
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: 0.001 min
Response: 109197965
Conc: 55.11 ng/ml



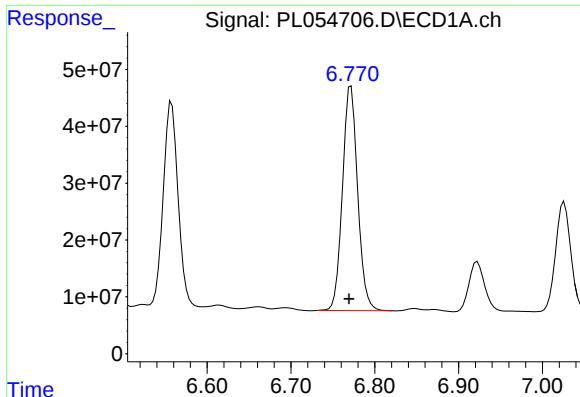
#18 Endrin aldehyde

R.T.: 6.558 min
Delta R.T.: 0.002 min
Response: 443842858
Conc: 44.82 ng/ml



#18 Endrin aldehyde

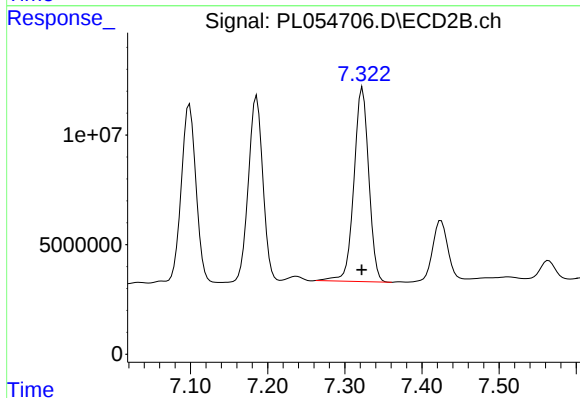
R.T.: 7.099 min
Delta R.T.: 0.001 min
Response: 109413950
Conc: 55.82 ng/ml



#19 Endosulfan Sulfate

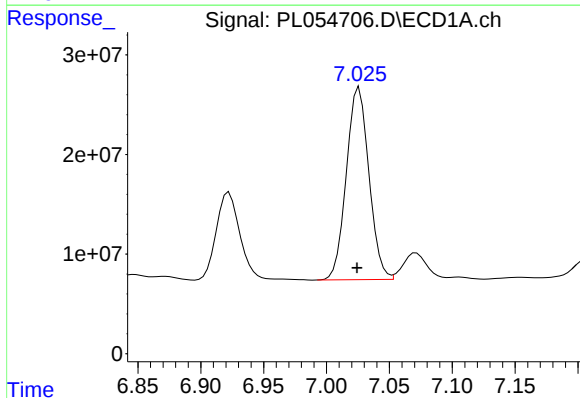
R.T.: 6.772 min
Delta R.T.: 0.002 min
Response: 498840551
Conc: 46.58 ng/ml

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



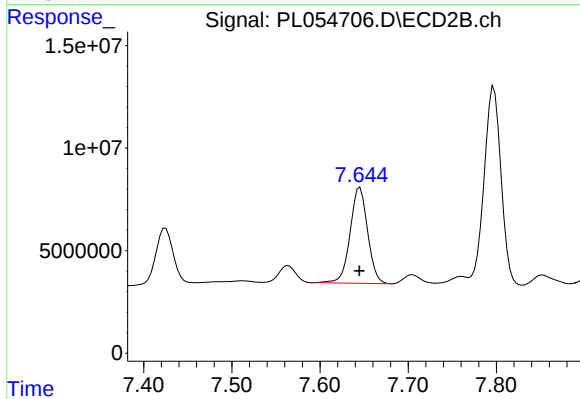
#19 Endosulfan Sulfate

R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 118402855
Conc: 55.84 ng/ml



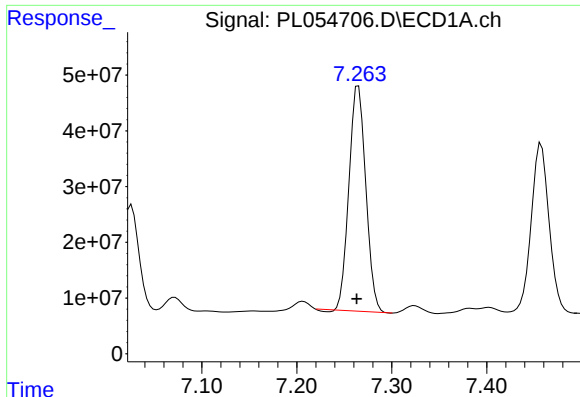
#20 Methoxychlor

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 241572119
Conc: 48.20 ng/ml



#20 Methoxychlor

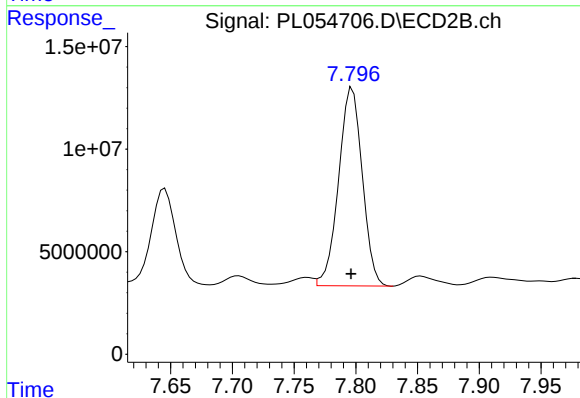
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 64542743
Conc: 56.58 ng/ml



#21 Endrin ketone

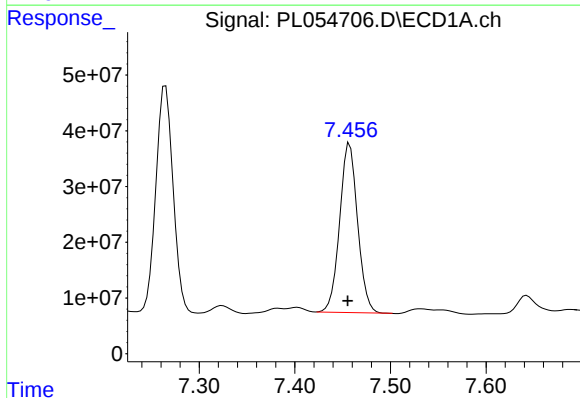
R.T.: 7.265 min
Delta R.T.: 0.002 min
Response: 496860590
Conc: 45.71 ng/ml

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



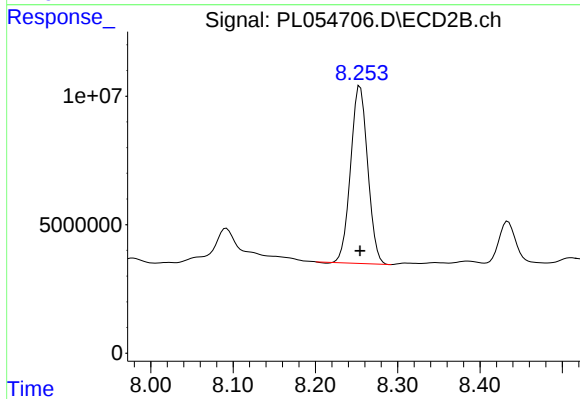
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 129013194
Conc: 57.32 ng/ml



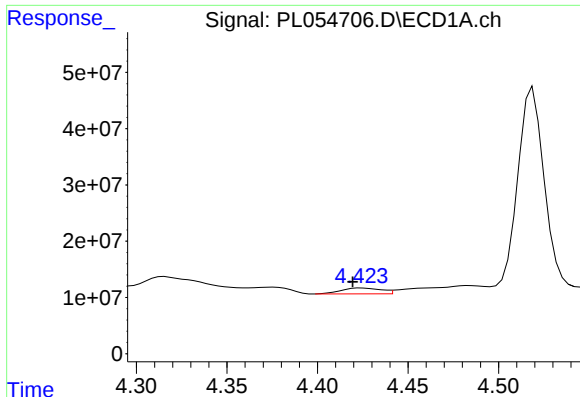
#22 Mirex

R.T.: 7.457 min
Delta R.T.: 0.002 min
Response: 395706640
Conc: 48.74 ng/ml



#22 Mirex

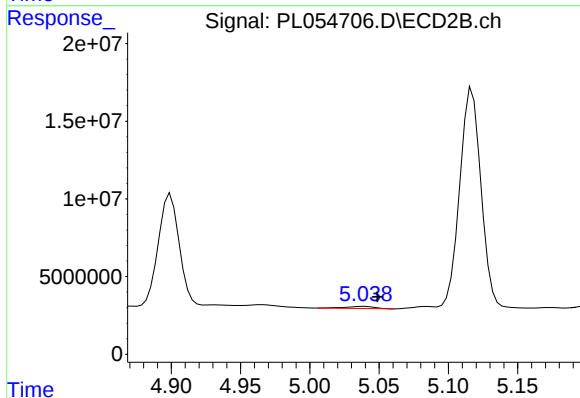
R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 99637141
Conc: 57.65 ng/ml



#23 Chlordane-1

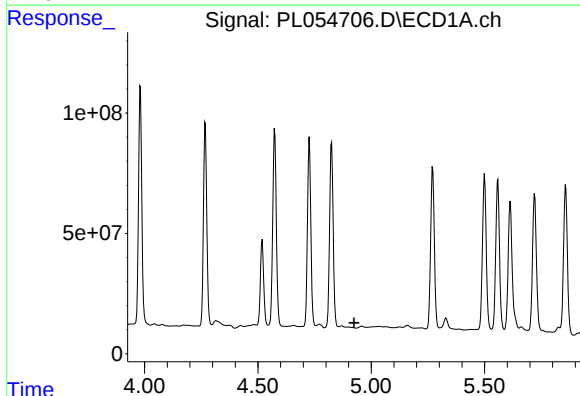
R.T.: 4.424 min
Delta R.T.: 0.005 min
Response: 16193214
Conc: 41.03 ng/ml

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



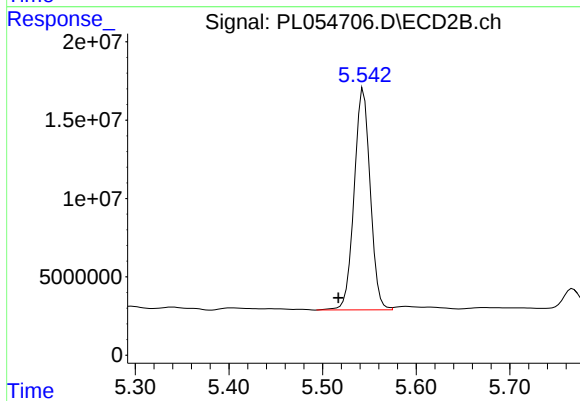
#23 Chlordane-1

R.T.: 5.039 min
Delta R.T.: -0.010 min
Response: 2045149
Conc: 25.66 ng/ml



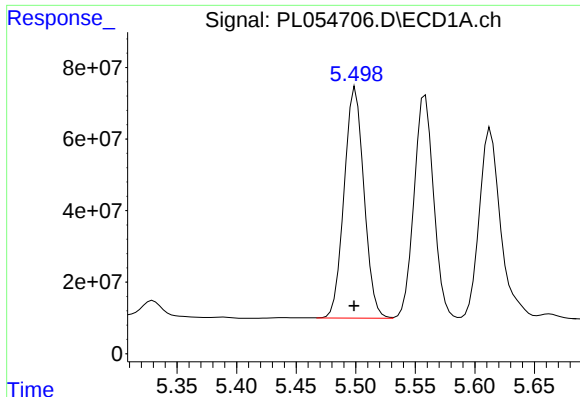
#24 Chlordane-2

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



#24 Chlordane-2

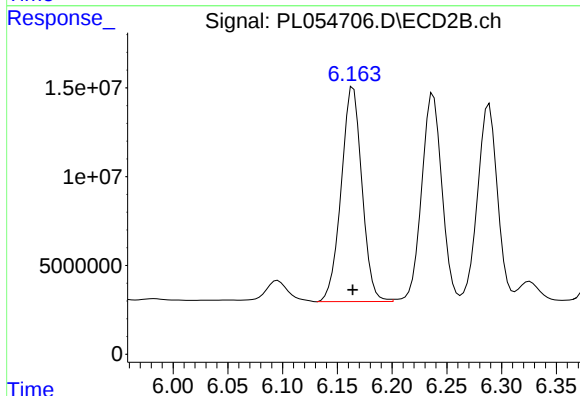
R.T.: 5.544 min
Delta R.T.: 0.027 min
Response: 168625874
Conc: 1881.48 ng/ml



#25 Chlordane-3

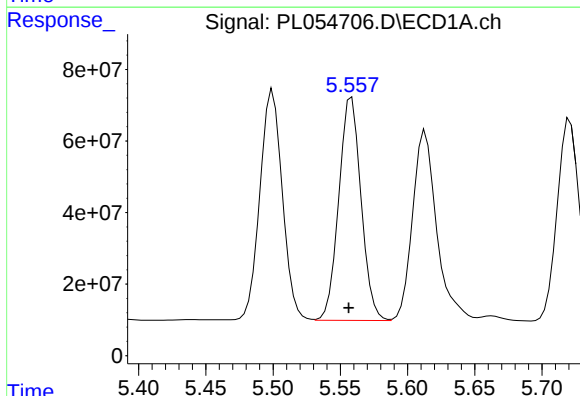
R.T.: 5.500 min
Delta R.T.: 0.001 min
Response: 748046240
Conc: 582.53 ng/ml

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



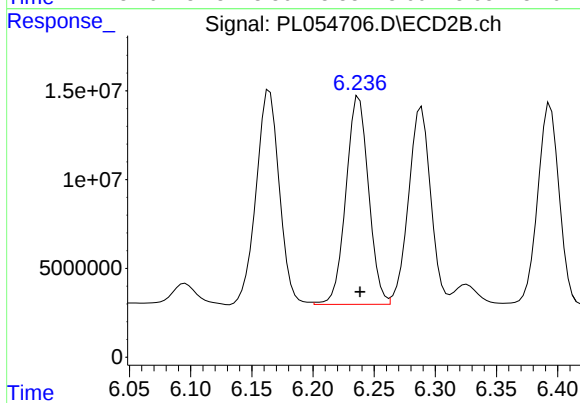
#25 Chlordane-3

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 159305255
Conc: 513.22 ng/ml



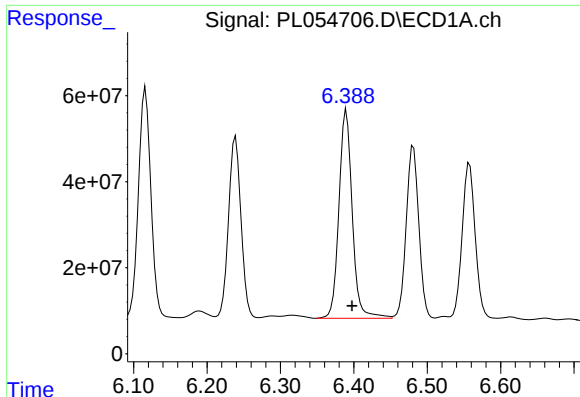
#26 Chlordane-4

R.T.: 5.558 min
Delta R.T.: 0.002 min
Response: 715840768
Conc: 677.69 ng/ml



#26 Chlordane-4

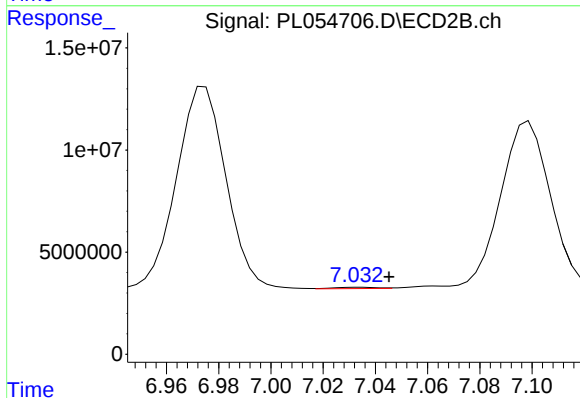
R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 150644319
Conc: 400.34 ng/ml



#27 Chlordane-5

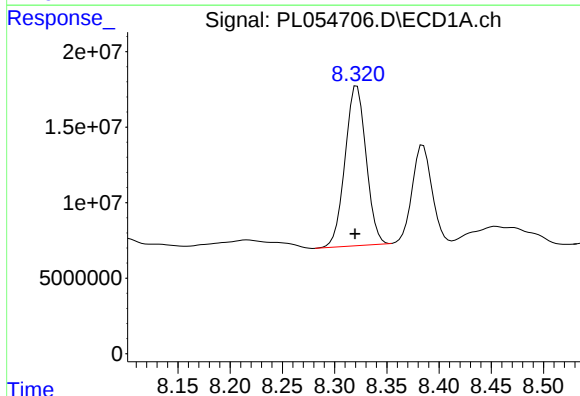
R.T.: 6.390 min
Delta R.T.: -0.008 min
Response: 610962458
Conc: 1622.73 ng/ml

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



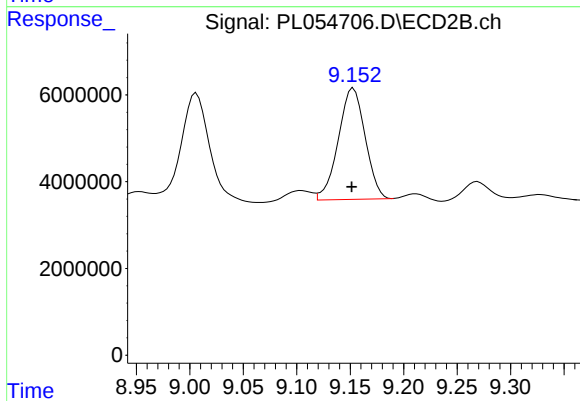
#27 Chlordane-5

R.T.: 7.034 min
Delta R.T.: -0.012 min
Response: 737733
Conc: 10.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.321 min
Delta R.T.: 0.002 min
Response: 147895001
Conc: 15.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.153 min
Delta R.T.: 0.001 min
Response: 44850386
Conc: 18.71 ng/ml