

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100219\
 Data File : PL052994.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2019 15:59
 Operator : SG\AJ
 Sample : K5133-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:11:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 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...	3.549	4.048	169.5E6	48294929	17.046	17.986
28)	SA Decachlor...	8.345	9.128	137.5E6	44627786	13.730	15.212
Target Compounds							
2)	A alpha-BHC	3.994	4.439	819.7E6	204.0E6	51.393	53.135
3)	MA gamma-BHC...	4.281	4.725	756.9E6	192.0E6	51.967	53.030
4)	MA Heptachlor	4.589	5.235	814.4E6	211.8E6	54.506	55.583
5)	MB Aldrin	4.842	5.540	753.7E6	212.8E6	54.795	61.408
6)	B beta-BHC	4.530	4.893	312.4E6	88148727	50.310	56.081
7)	B delta-BHC	4.740	5.111	713.0E6	172.8E6	49.759	47.736
8)	B Heptachlo...	5.288	5.926	645.4E6	199.7E6	49.528	59.587
9)	A Endosulfan I	5.631	6.284	624.6E6	167.7E6	51.469	53.650
10)	B gamma-Chl...	5.518	6.160	1038.1E6	248.5E6	77.195	73.439
11)	B alpha-Chl...	5.577	6.234	886.5E6	254.4E6	67.214	75.592
12)	B 4,4'-DDE	5.740	6.389	622.1E6	177.3E6	53.597	54.276
13)	MA Dieldrin	5.877	6.540	664.5E6	173.9E6	51.477	53.304
14)	MA Endrin	6.135	6.758	573.6E6	140.0E6	50.356	50.413
15)	B Endosulfa...	6.409	6.967	609.5E6	152.5E6	53.185	51.404
16)	A 4,4'-DDD	6.258	6.879	498.3E6	149.4E6	55.433	60.915
17)	MA 4,4'-DDT	6.502	7.178	504.3E6	129.7E6	49.379	49.849
18)	B Endrin al...	6.576	7.091	456.8E6	126.9E6	48.645	51.748
19)	B Endosulfa...	6.790	7.313	510.0E6	138.7E6	48.997	50.803
20)	A Methoxychlor	7.047	7.635	237.9E6	70059276	46.112	49.761
21)	B Endrin ke...	7.285	7.784	556.1E6	152.4E6	47.717	53.408
22)	Mirex	7.480	8.240	402.5E6	112.8E6	42.619	50.153
23)	Chlordane-1	4.435	5.045	70977348	18844778	204.239	185.791
24)	Chlordane-2	4.941	5.540f	69063543	212.8E6	173.838	1901.476 #
25)	Chlordane-3	5.518	6.160	1038.1E6	248.5E6	895.944	570.482 #
26)	Chlordane-4	5.577	6.234	886.5E6	254.4E6	928.857	479.170 #
27)	Chlordane-5	6.409	7.040	609.5E6	17564306	1545.184	199.121 #

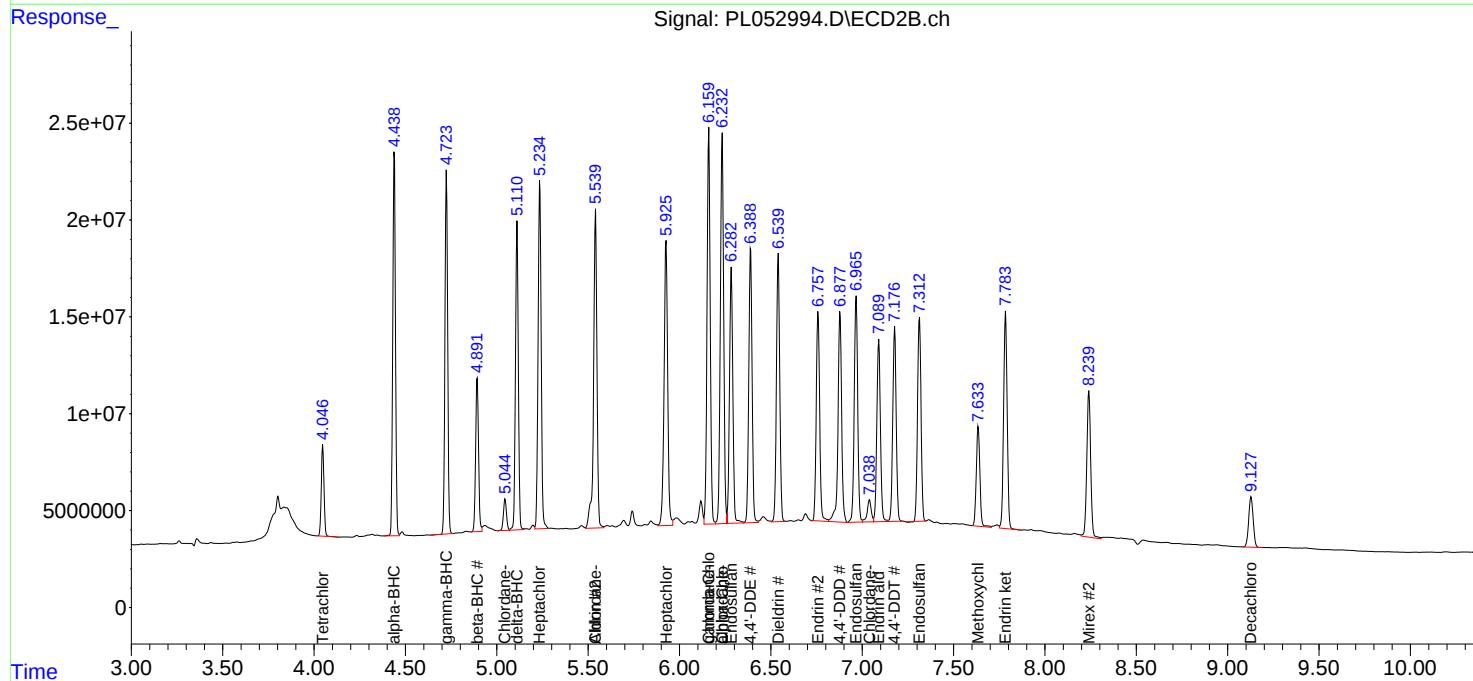
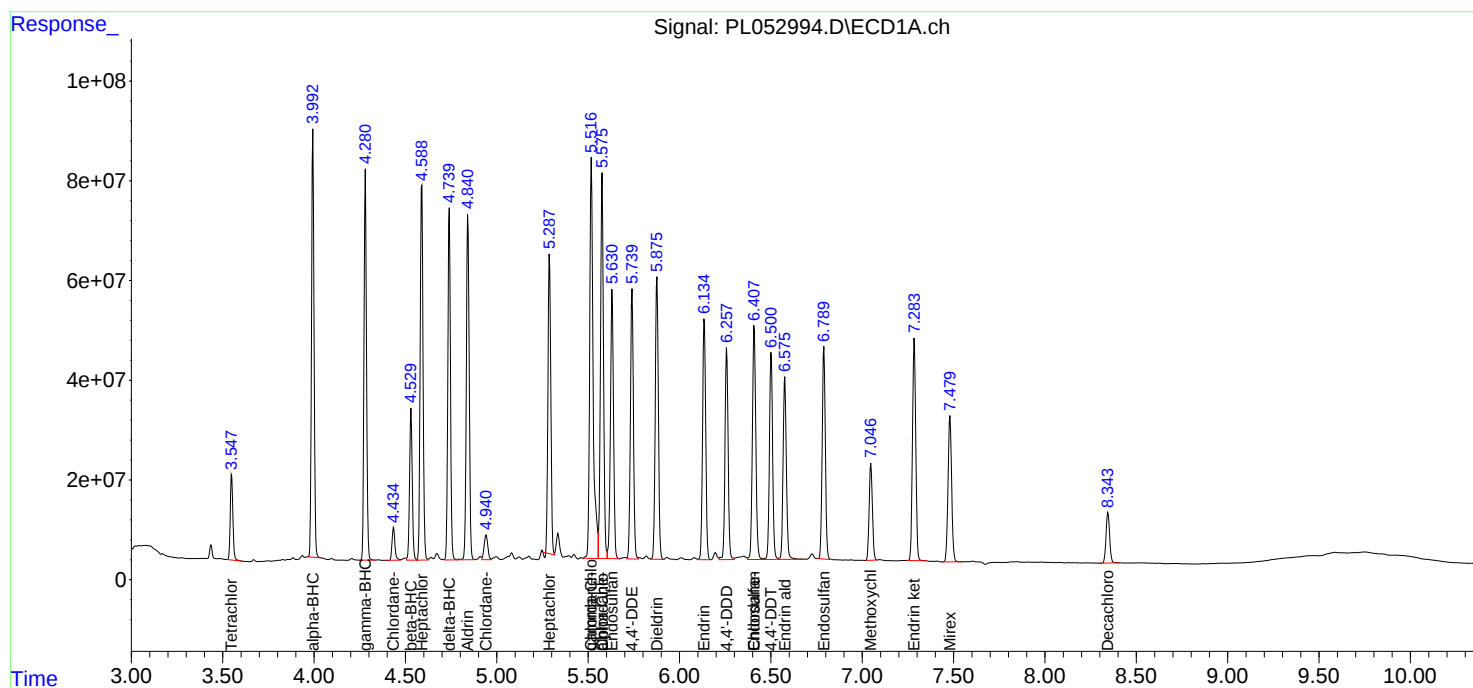
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

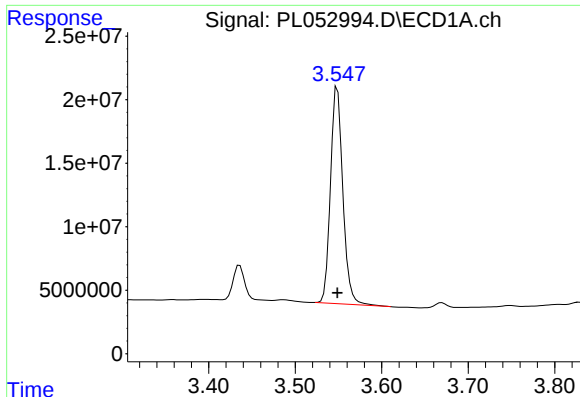
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100219\
Data File : PL052994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2019 15:59
Operator : SG\AJ
Sample : K5133-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
S-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 01:11:40 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
Response via : Initial Calibration
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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

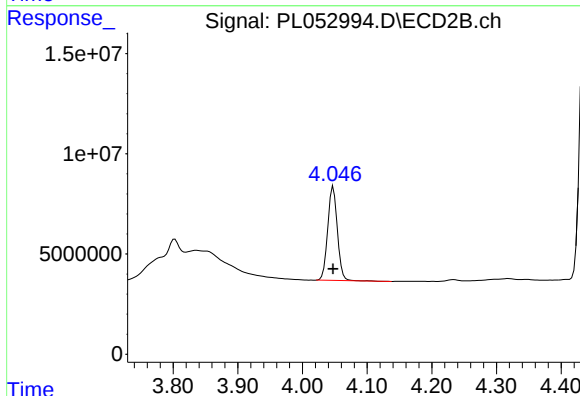




#1 Tetrachloro-m-xylene

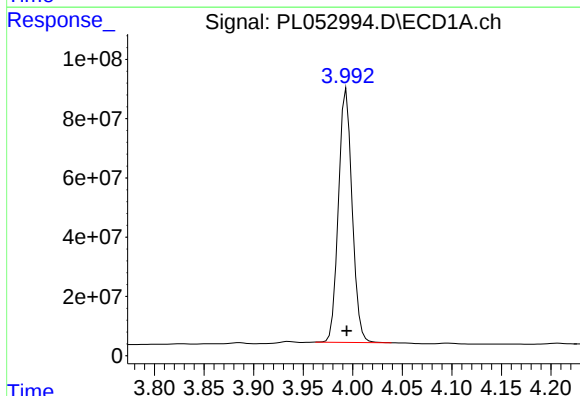
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 169549128
Conc: 17.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



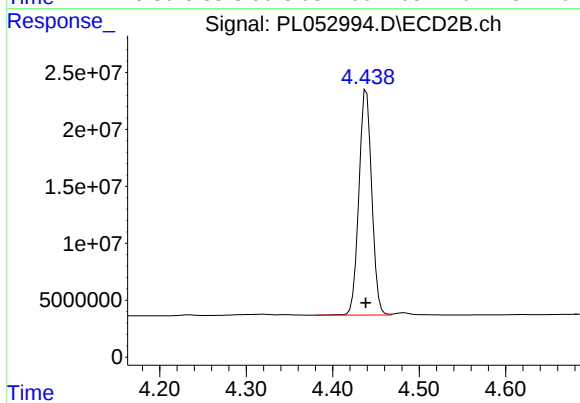
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 48294929
Conc: 17.99 ng/ml



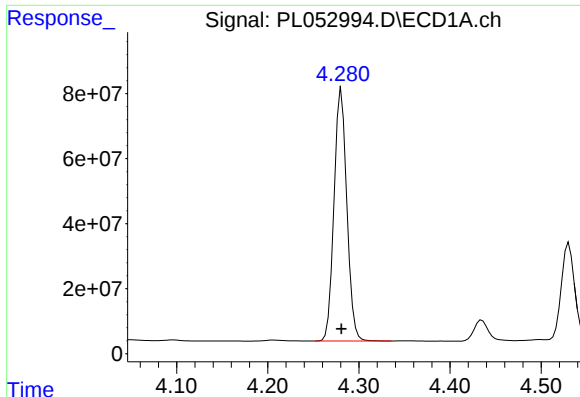
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 819747609
Conc: 51.39 ng/ml



#2 alpha-BHC

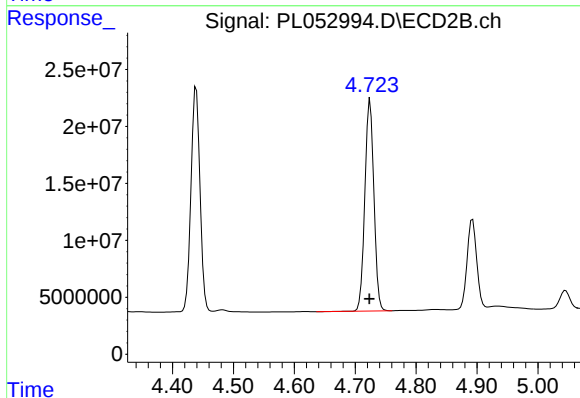
R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 204039592
Conc: 53.13 ng/ml



#3 gamma-BHC (Lindane)

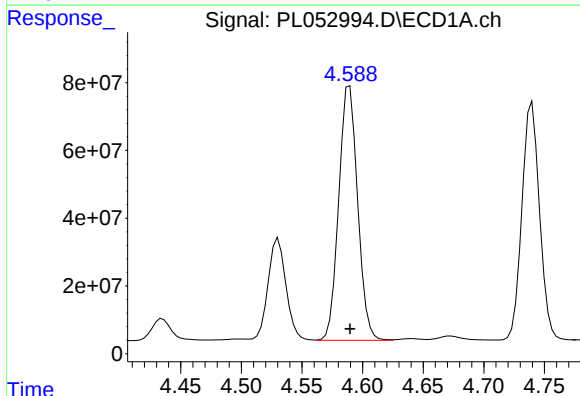
R.T.: 4.281 min
Delta R.T.: 0.000 min
Response: 756882473
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



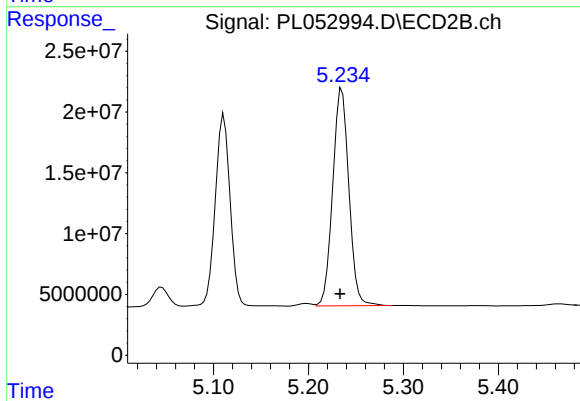
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.001 min
Response: 192032808
Conc: 53.03 ng/ml



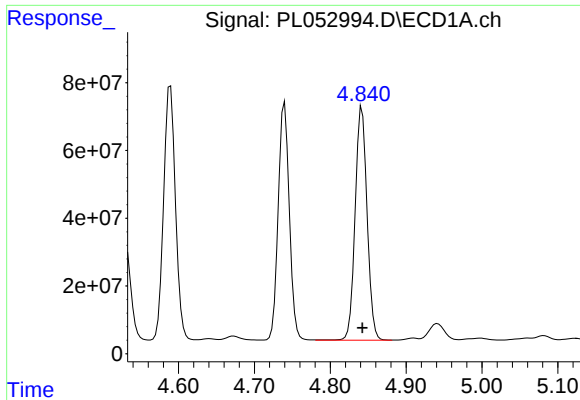
#4 Heptachlor

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 814431602
Conc: 54.51 ng/ml



#4 Heptachlor

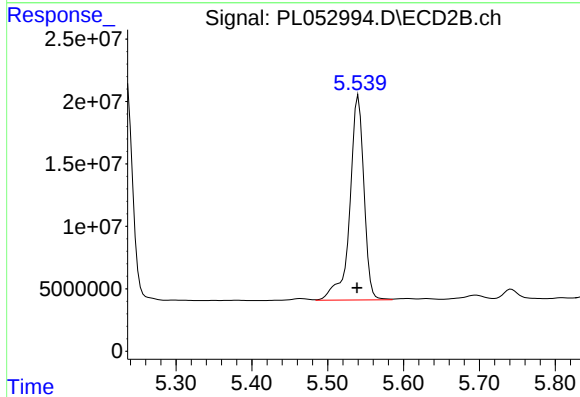
R.T.: 5.235 min
Delta R.T.: 0.002 min
Response: 211811194
Conc: 55.58 ng/ml



#5 Aldrin

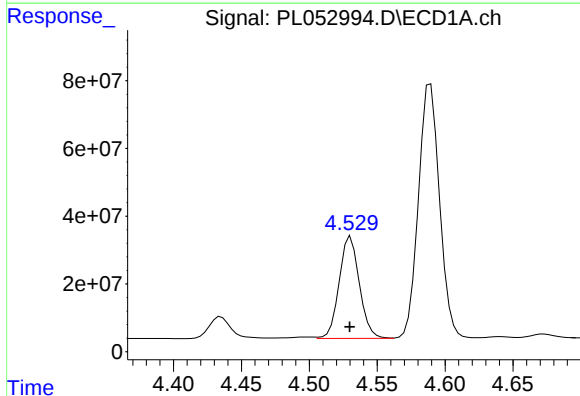
R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 753713670
Conc: 54.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



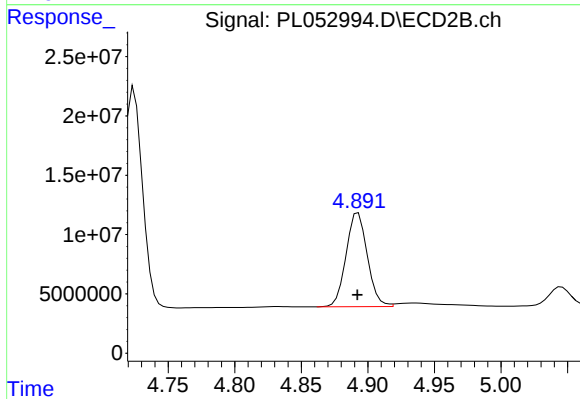
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.002 min
Response: 212817587
Conc: 61.41 ng/ml



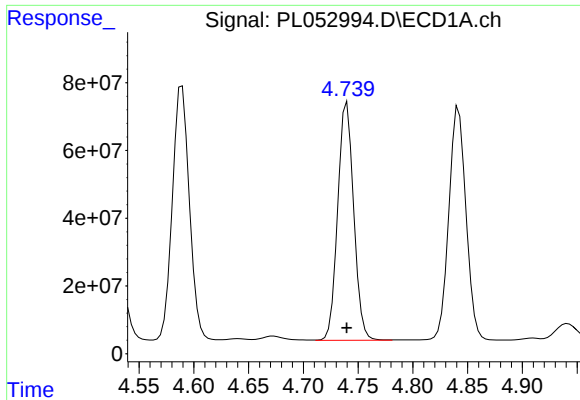
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 312351252
Conc: 50.31 ng/ml



#6 beta-BHC

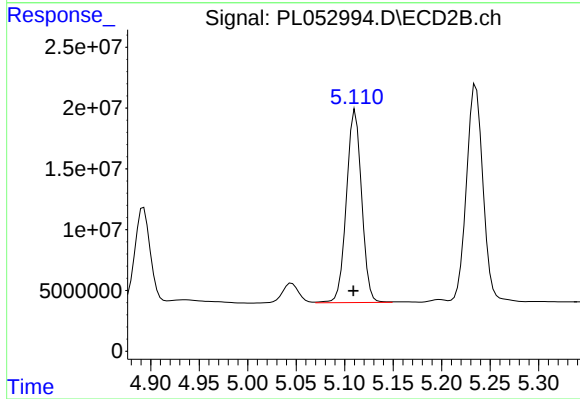
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 88148727
Conc: 56.08 ng/ml



#7 delta-BHC

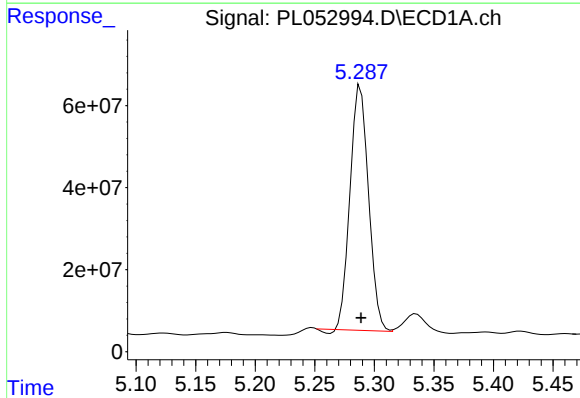
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 713002545
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



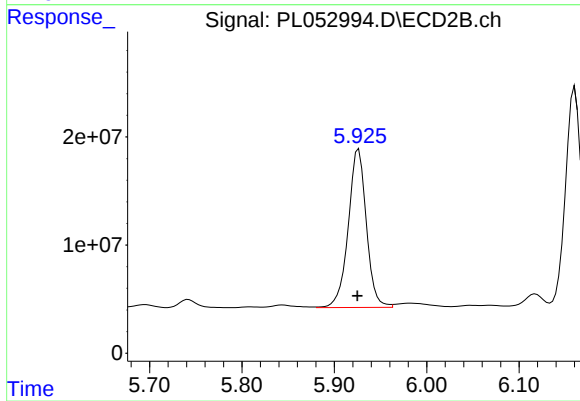
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 172797469
Conc: 47.74 ng/ml



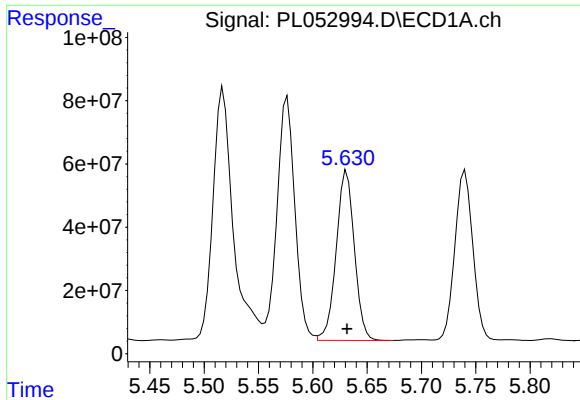
#8 Heptachlor epoxide

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 645397452
Conc: 49.53 ng/ml



#8 Heptachlor epoxide

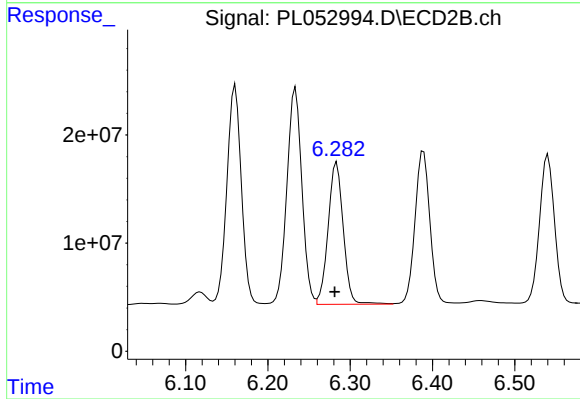
R.T.: 5.926 min
Delta R.T.: 0.001 min
Response: 199707706
Conc: 59.59 ng/ml



#9 Endosulfan I

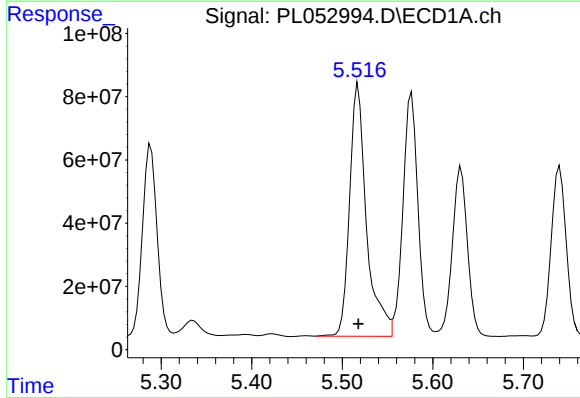
R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 624612893
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



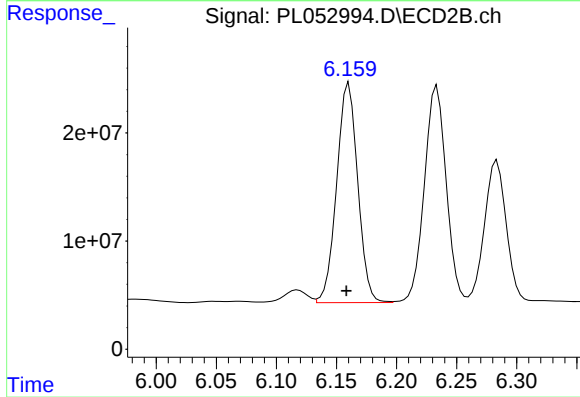
#9 Endosulfan I

R.T.: 6.284 min
Delta R.T.: 0.002 min
Response: 167695283
Conc: 53.65 ng/ml



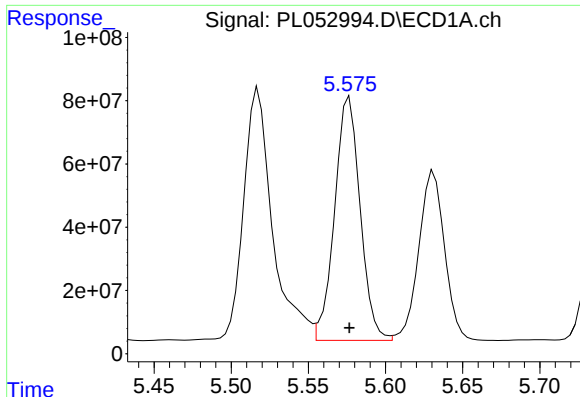
#10 gamma-Chlordane

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 1038129625
Conc: 77.20 ng/ml



#10 gamma-Chlordane

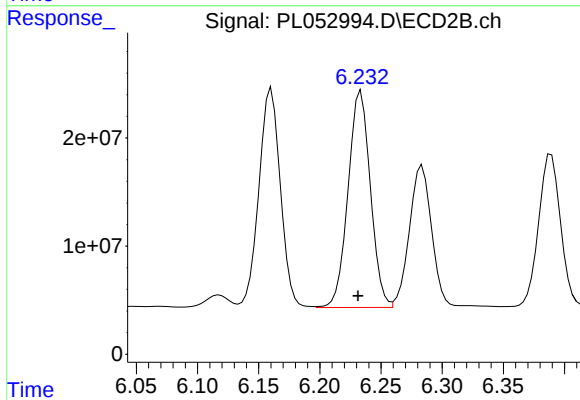
R.T.: 6.160 min
Delta R.T.: 0.002 min
Response: 248450435
Conc: 73.44 ng/ml



#11 alpha-Chlordane

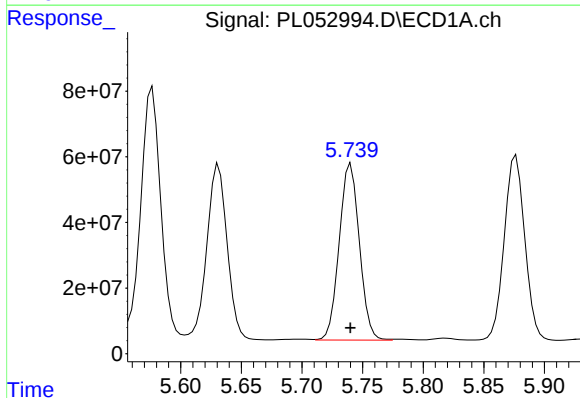
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 886511177
Conc: 67.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



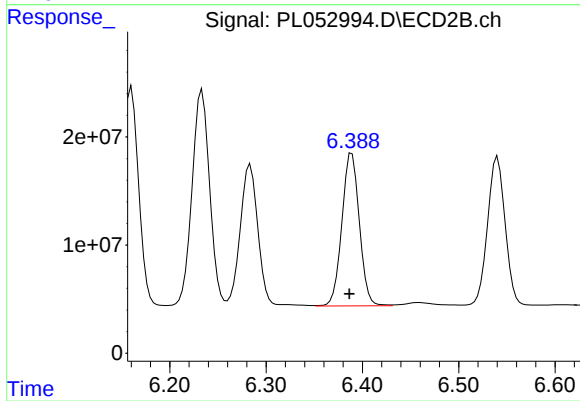
#11 alpha-Chlordane

R.T.: 6.234 min
Delta R.T.: 0.002 min
Response: 254437674
Conc: 75.59 ng/ml



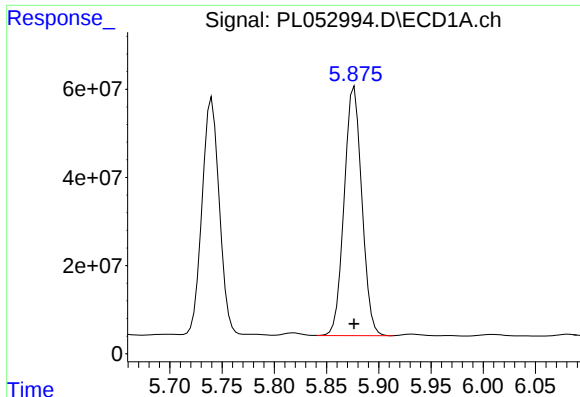
#12 4,4'-DDE

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 622073388
Conc: 53.60 ng/ml



#12 4,4'-DDE

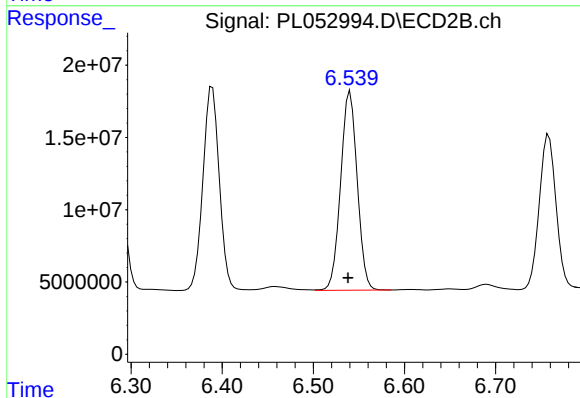
R.T.: 6.389 min
Delta R.T.: 0.003 min
Response: 177274187
Conc: 54.28 ng/ml



#13 Dieldrin

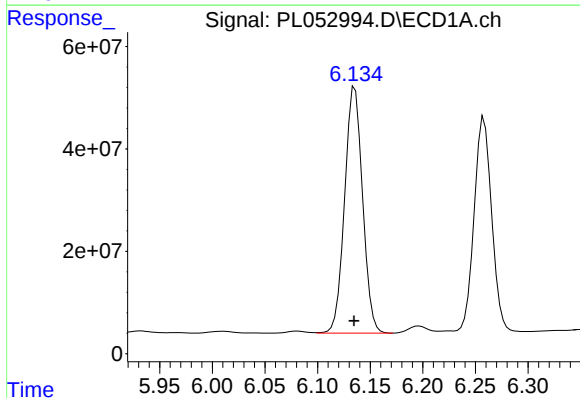
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 664478327
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



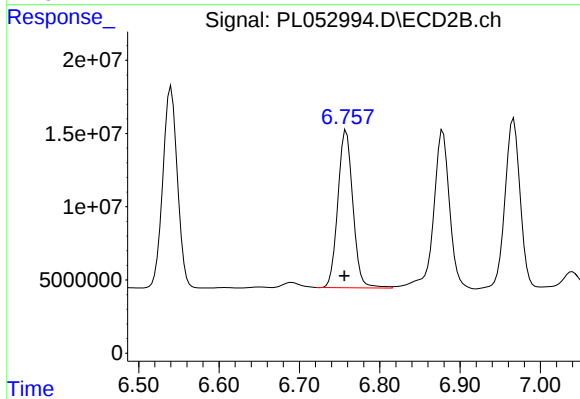
#13 Dieldrin

R.T.: 6.540 min
Delta R.T.: 0.002 min
Response: 173875582
Conc: 53.30 ng/ml



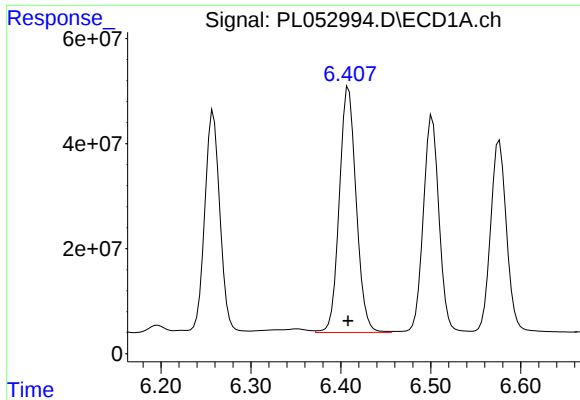
#14 Endrin

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 573598152
Conc: 50.36 ng/ml



#14 Endrin

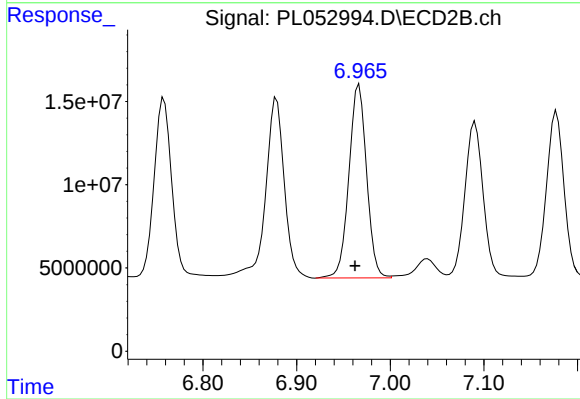
R.T.: 6.758 min
Delta R.T.: 0.002 min
Response: 139991355
Conc: 50.41 ng/ml



#15 Endosulfan II

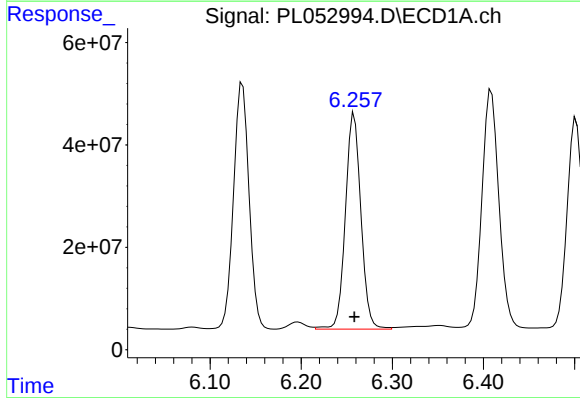
R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 609473620
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



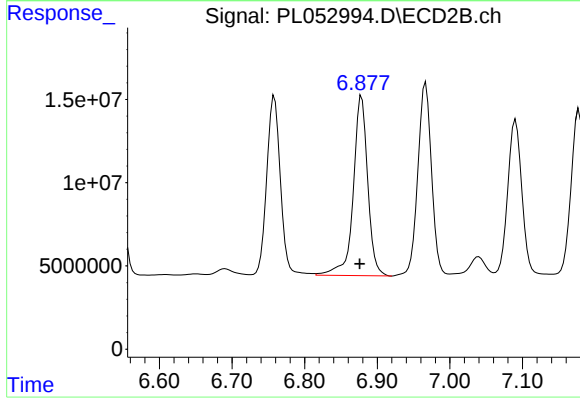
#15 Endosulfan II

R.T.: 6.967 min
Delta R.T.: 0.004 min
Response: 152514569
Conc: 51.40 ng/ml



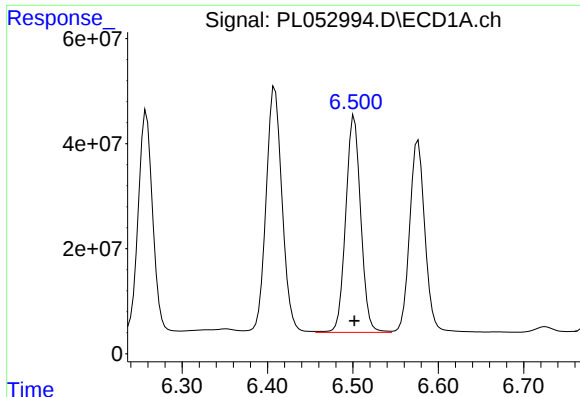
#16 4,4'-DDD

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 498250345
Conc: 55.43 ng/ml



#16 4,4'-DDD

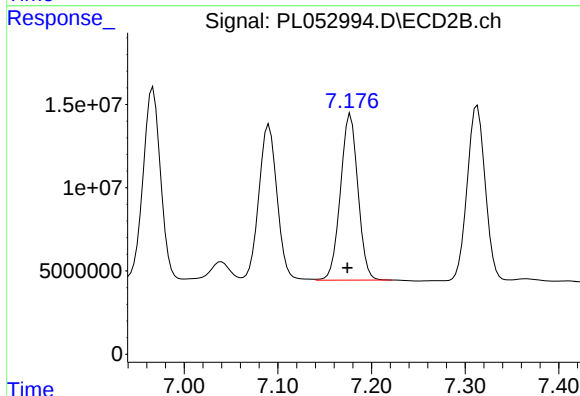
R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 149396989
Conc: 60.91 ng/ml



#17 4,4'-DDT

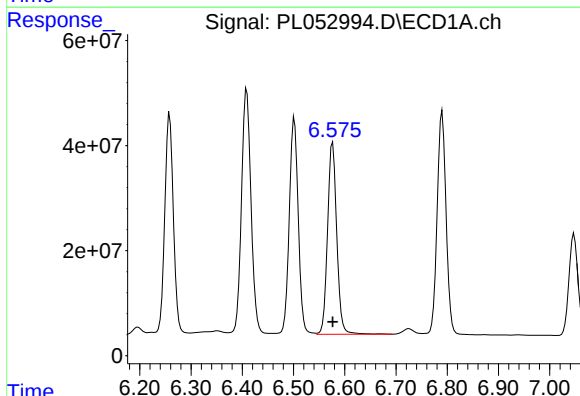
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 504280440
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



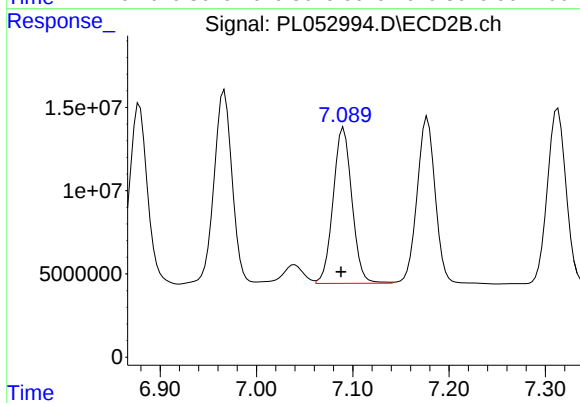
#17 4,4'-DDT

R.T.: 7.178 min
Delta R.T.: 0.003 min
Response: 129733336
Conc: 49.85 ng/ml



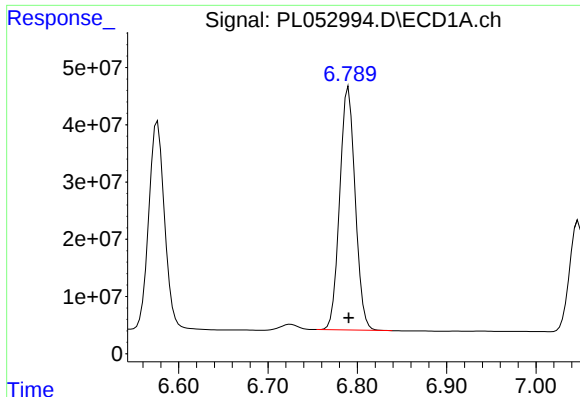
#18 Endrin aldehyde

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 456813618
Conc: 48.64 ng/ml



#18 Endrin aldehyde

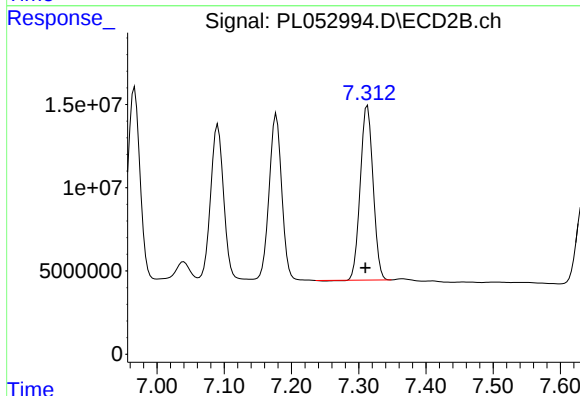
R.T.: 7.091 min
Delta R.T.: 0.003 min
Response: 126919619
Conc: 51.75 ng/ml



#19 Endosulfan Sulfate

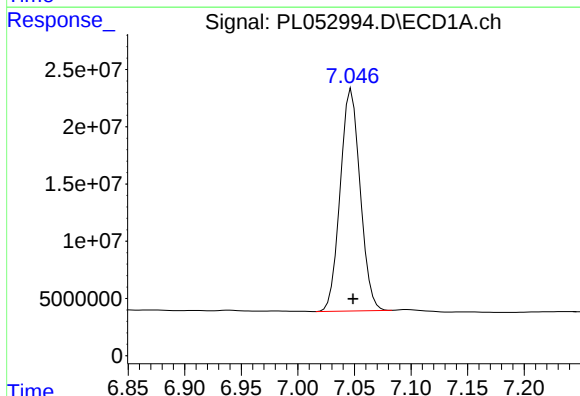
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 510014856
Conc: 49.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



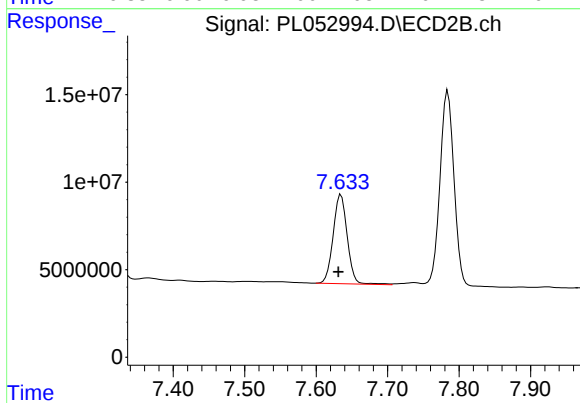
#19 Endosulfan Sulfate

R.T.: 7.313 min
Delta R.T.: 0.003 min
Response: 138712515
Conc: 50.80 ng/ml



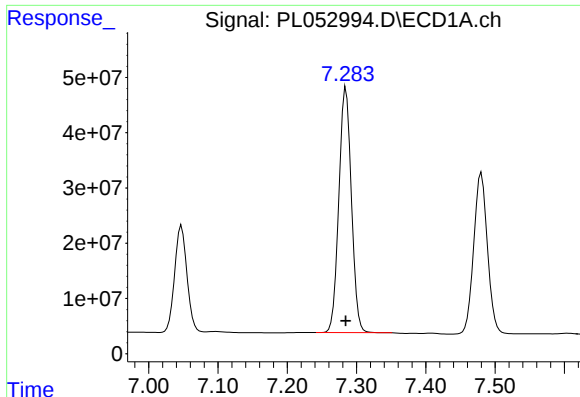
#20 Methoxychlor

R.T.: 7.047 min
Delta R.T.: -0.001 min
Response: 237852102
Conc: 46.11 ng/ml



#20 Methoxychlor

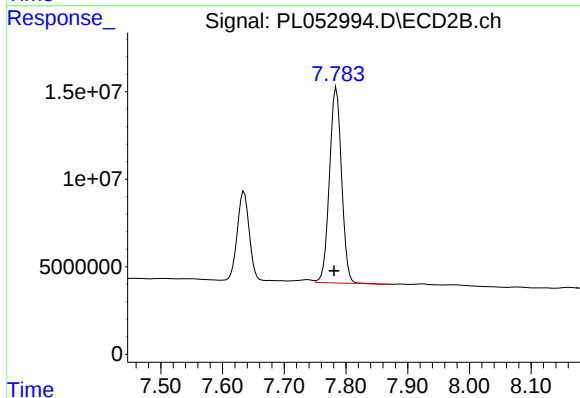
R.T.: 7.635 min
Delta R.T.: 0.004 min
Response: 70059276
Conc: 49.76 ng/ml



#21 Endrin ketone

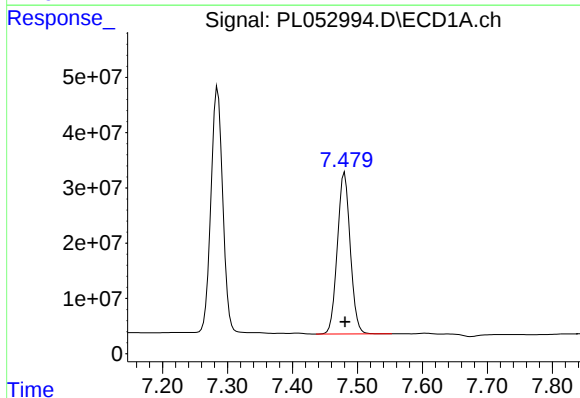
R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 556134603
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



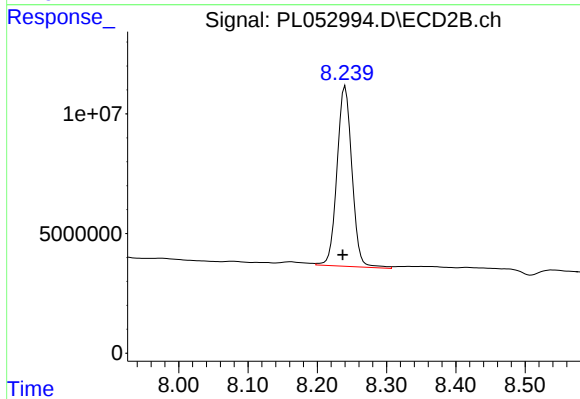
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.003 min
Response: 152367928
Conc: 53.41 ng/ml



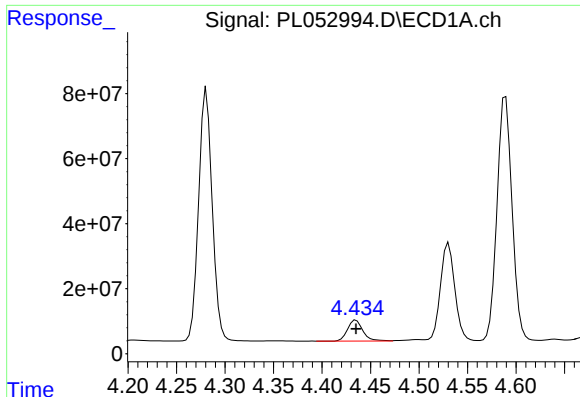
#22 Mirex

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 402471768
Conc: 42.62 ng/ml



#22 Mirex

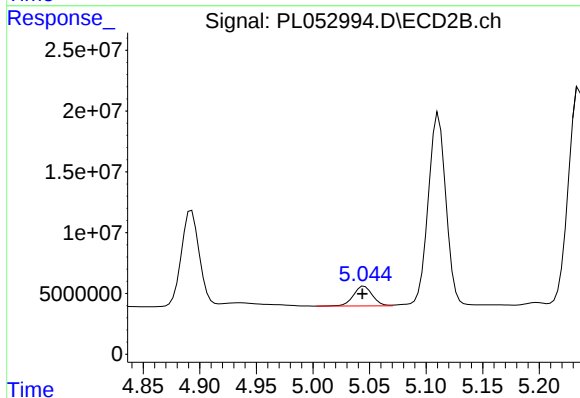
R.T.: 8.240 min
Delta R.T.: 0.003 min
Response: 112805659
Conc: 50.15 ng/ml



#23 Chlordane-1

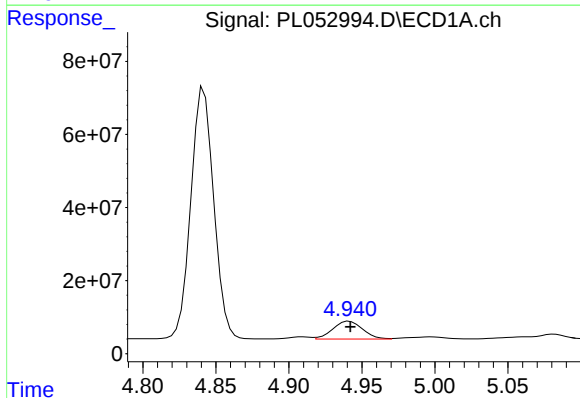
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 70977348
Conc: 204.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



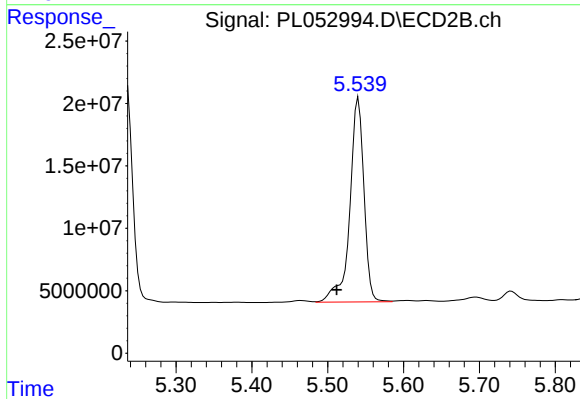
#23 Chlordane-1

R.T.: 5.045 min
Delta R.T.: 0.002 min
Response: 18844778
Conc: 185.79 ng/ml



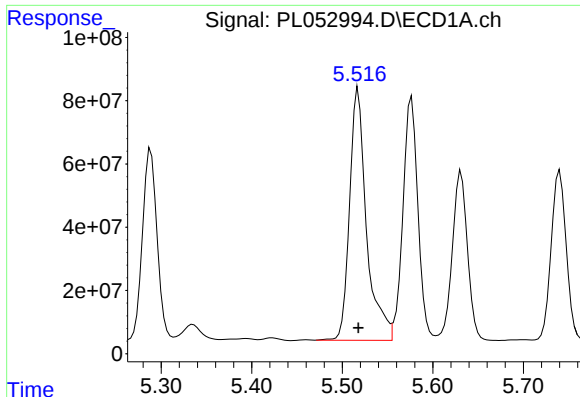
#24 Chlordane-2

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 69063543
Conc: 173.84 ng/ml



#24 Chlordane-2

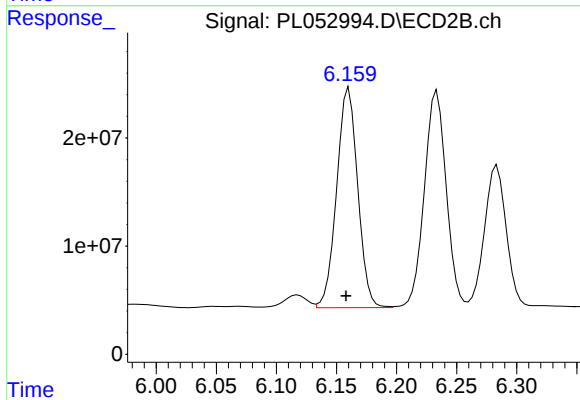
R.T.: 5.540 min
Delta R.T.: 0.029 min
Response: 212817587
Conc: 1901.48 ng/ml



#25 Chlordane-3

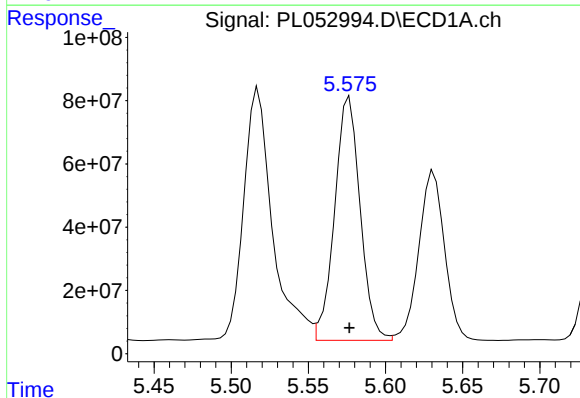
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 1038129625
Conc: 895.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



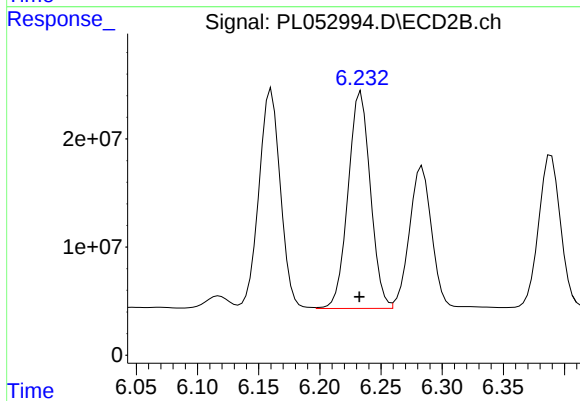
#25 Chlordane-3

R.T.: 6.160 min
Delta R.T.: 0.002 min
Response: 248450435
Conc: 570.48 ng/ml



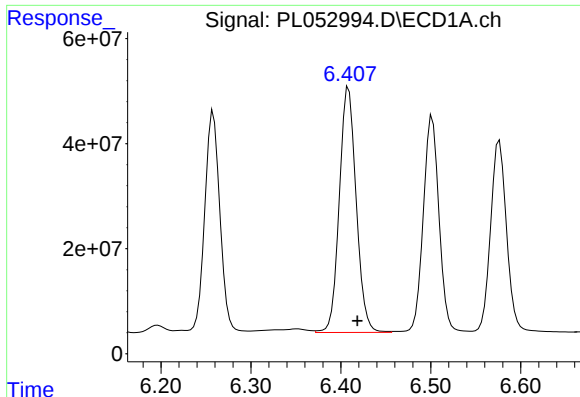
#26 Chlordane-4

R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 886511177
Conc: 928.86 ng/ml



#26 Chlordane-4

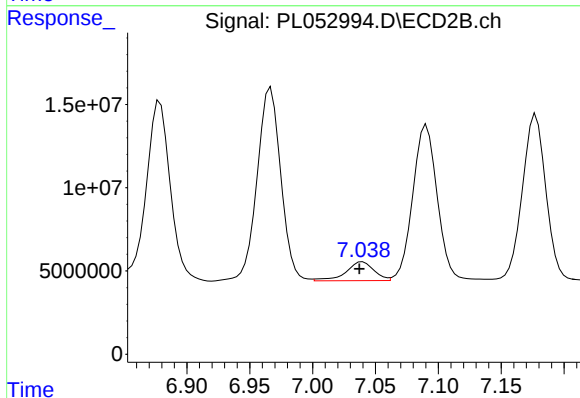
R.T.: 6.234 min
Delta R.T.: 0.001 min
Response: 254437674
Conc: 479.17 ng/ml



#27 Chlordane-5

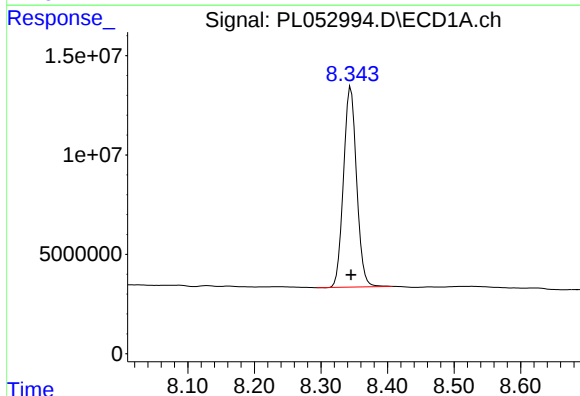
R.T.: 6.409 min
Delta R.T.: -0.010 min
Response: 609473620
Conc: 1545.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-1MSD



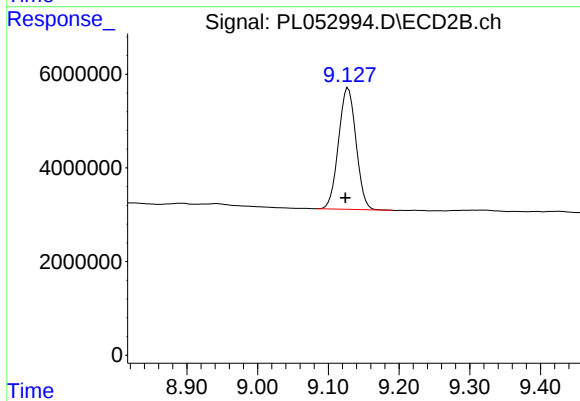
#27 Chlordane-5

R.T.: 7.040 min
Delta R.T.: 0.003 min
Response: 17564306
Conc: 199.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 137517105
Conc: 13.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.128 min
Delta R.T.: 0.004 min
Response: 44627786
Conc: 15.21 ng/ml