

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032320\
 Data File : PL057509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2020 14:31
 Operator : AJ\MA
 Sample : PB127703BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:39:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 16 09:40:37 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...	3.458	3.956	175.3E6	39865702	18.908	18.375
28)	SA Decachlor...	8.205	8.977	204.3E6	44447665	19.304	20.045
Target Compounds							
2)	A alpha-BHC	3.895	4.344	766.8E6	148.0E6	48.135	46.080
3)	MA gamma-BHC...	4.179	4.626	681.4E6	143.4E6	47.408	45.692
4)	MA Heptachlor	4.479	5.128	726.6E6	154.8E6	48.920	49.173
5)	MB Aldrin	4.727	5.430	675.7E6	149.4E6	48.987	48.986
6)	B beta-BHC	4.431	4.799	295.4E6	72843530	50.245	50.504
7)	B delta-BHC	4.634	5.013	670.5E6	113.3E6	47.773	44.190
8)	B Heptachlo...	5.169	5.814	624.3E6	130.4E6	48.711	47.798
9)	A Endosulfan I	5.508	6.168	586.6E6	141.0E6	49.337	49.572
10)	B gamma-Chl...	5.396	6.047	634.5E6	152.6E6	48.659	49.505
11)	B alpha-Chl...	5.454	6.119	614.8E6	152.4E6	47.572	48.965
12)	B 4,4'-DDE	5.618	6.278	619.9E6	143.0E6	49.767	50.320
13)	MA Dieldrin	5.751	6.424	628.3E6	147.1E6	49.813	49.727
14)	MA Endrin	6.007	6.640	561.0E6	121.0E6	49.073	50.146
15)	B Endosulfa...	6.281	6.851	517.1E6	120.2E6	47.608	45.752
16)	A 4,4'-DDD	6.133	6.767	472.7E6	111.2E6	48.226	48.703
17)	MA 4,4'-DDT	6.373	7.064	496.9E6	110.3E6	49.822	48.411
18)	B Endrin al...	6.448	6.974	442.5E6	106.1E6	47.913	47.734
19)	B Endosulfa...	6.662	7.197	513.0E6	118.5E6	51.086	48.597
20)	A Methoxychlor	6.919	7.523	256.1E6	62246917	47.723	47.861
21)	B Endrin ke...	7.152	7.664	553.4E6	123.1E6	48.960	47.549
22)	Mirex	7.340	8.114	409.9E6	94299284	50.614	49.383
23)	Chlordane-1	4.354f	0.000	1784912	0	5.499	N.D. #
24)	Chlordane-2	4.830	5.430f	704999	149.4E6	1.940	1585.738 #
25)	Chlordane-3	5.396	6.047	634.5E6	152.6E6	562.674	402.371 #
26)	Chlordane-4	5.454	6.119	614.8E6	152.4E6	641.254	332.997 #
27)	Chlordane-5	6.281	0.000	517.1E6	0	1421.059	N.D. #

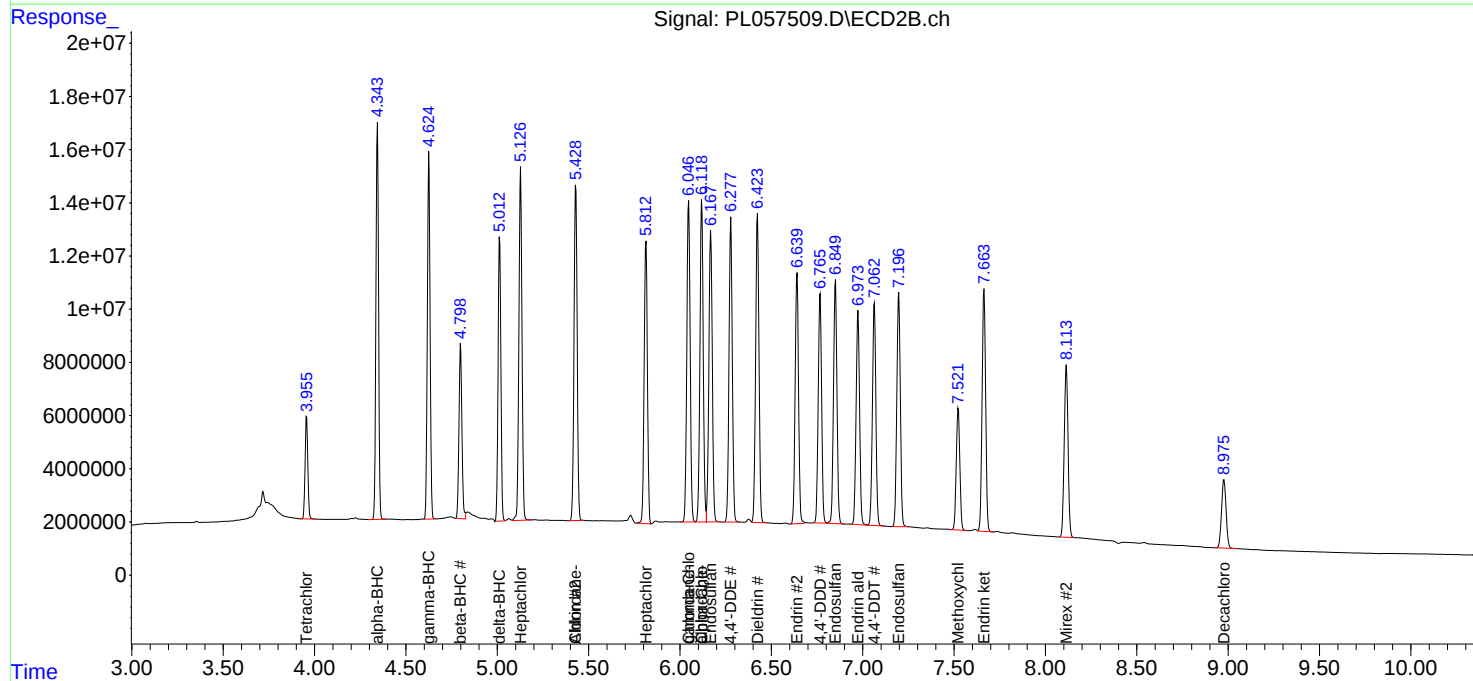
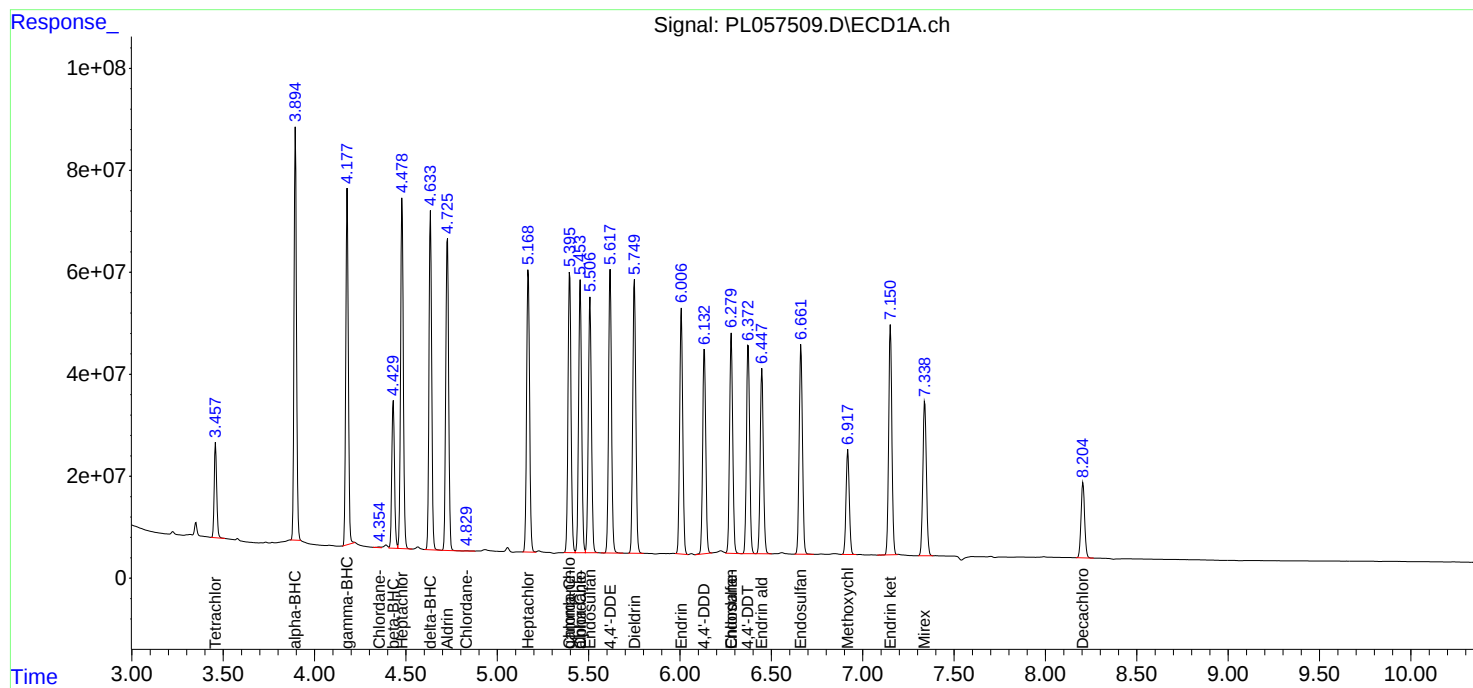
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

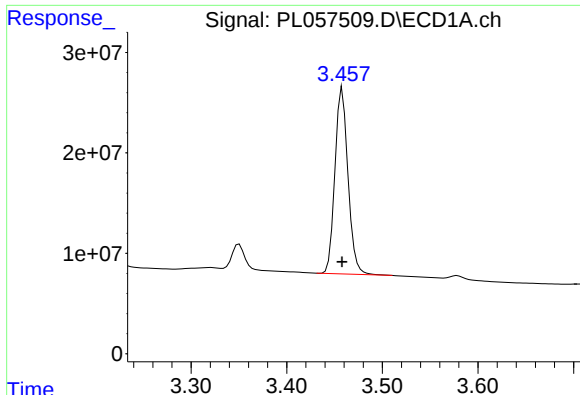
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

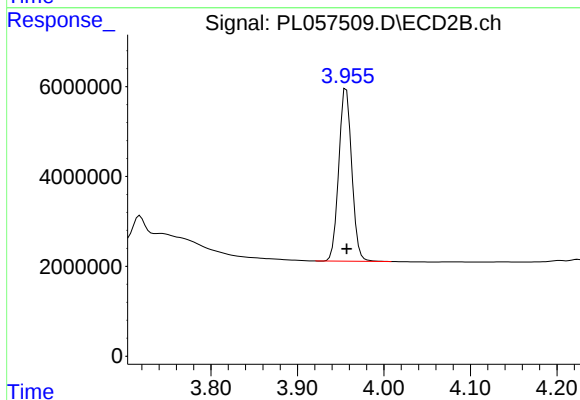




#1 Tetrachloro-m-xylene

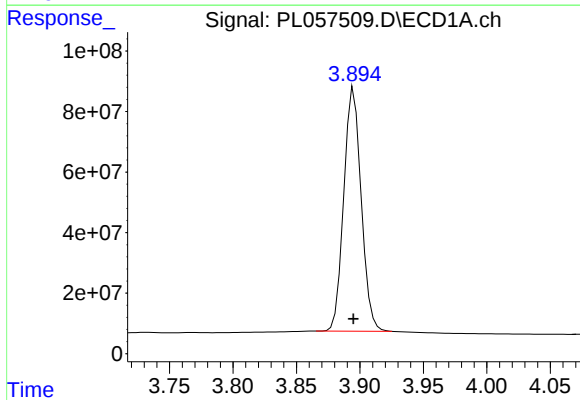
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 175267451
Conc: 18.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



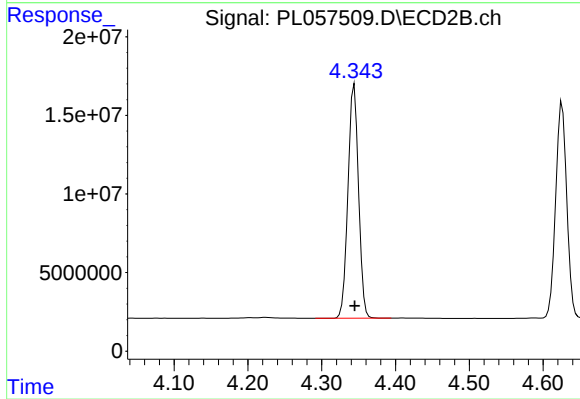
#1 Tetrachloro-m-xylene

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 39865702
Conc: 18.38 ng/ml



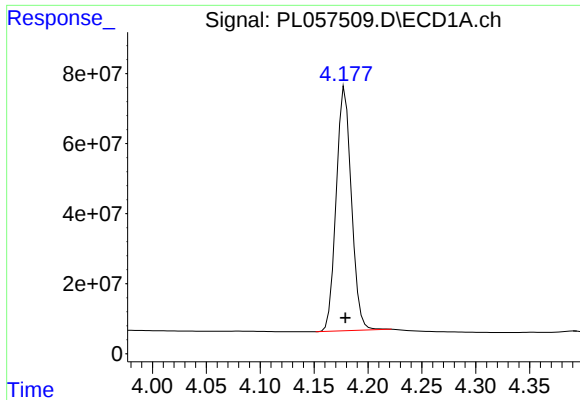
#2 alpha-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 766757970
Conc: 48.13 ng/ml



#2 alpha-BHC

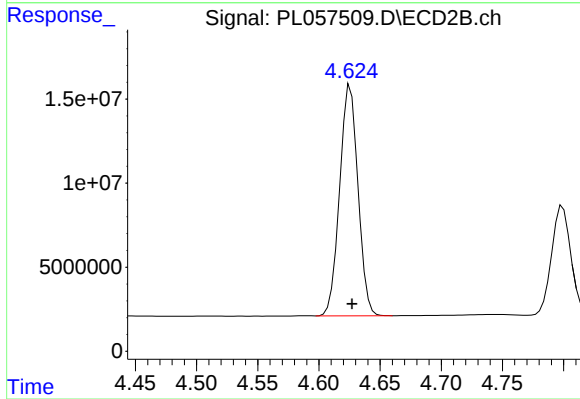
R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 148012402
Conc: 46.08 ng/ml



#3 gamma-BHC (Lindane)

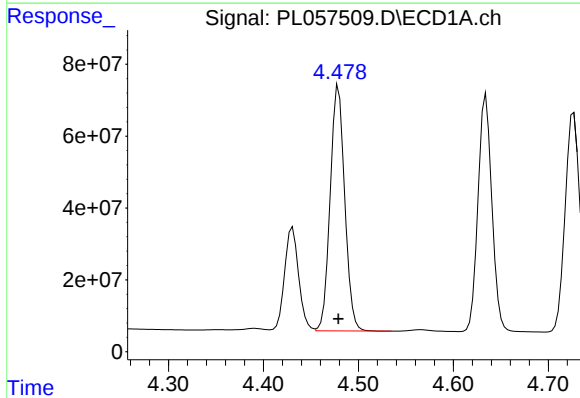
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 681386805
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



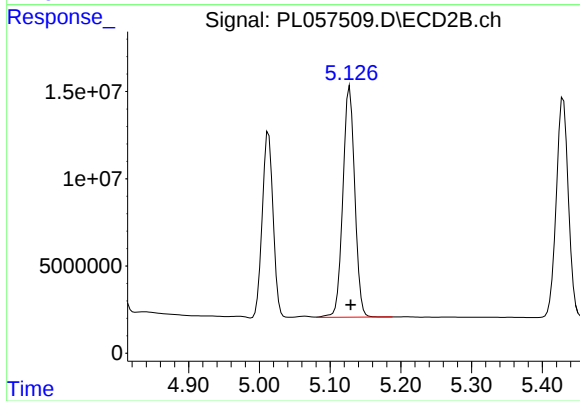
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 143357070
Conc: 45.69 ng/ml



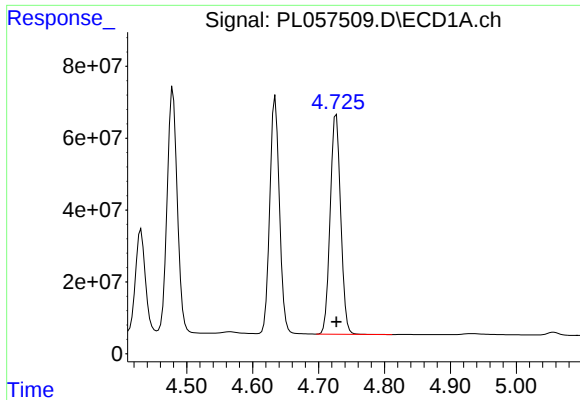
#4 Heptachlor

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 726565629
Conc: 48.92 ng/ml



#4 Heptachlor

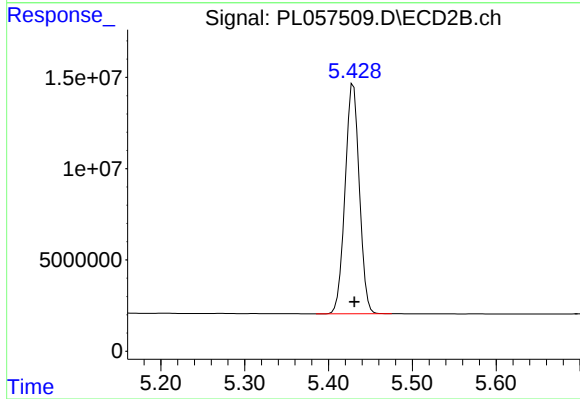
R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 154784404
Conc: 49.17 ng/ml



#5 Aldrin

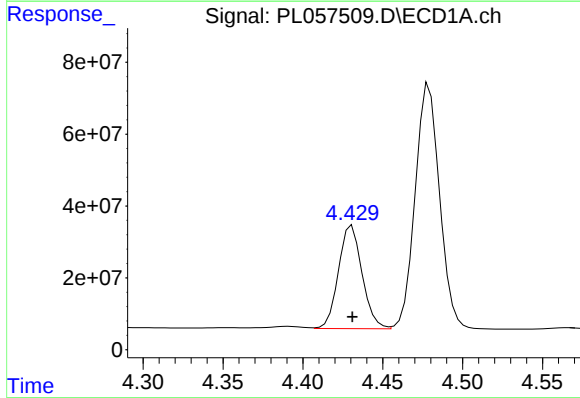
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 675740074
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



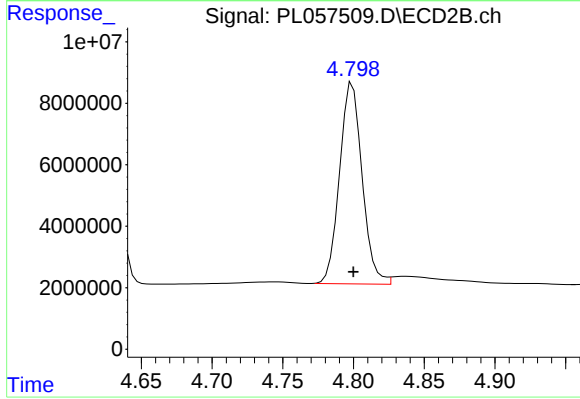
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 149441797
Conc: 48.99 ng/ml



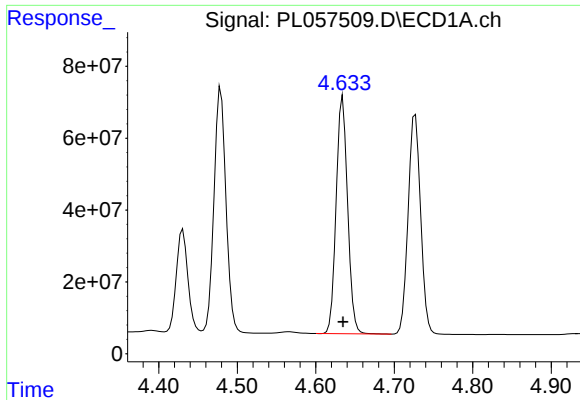
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 295395059
Conc: 50.25 ng/ml



#6 beta-BHC

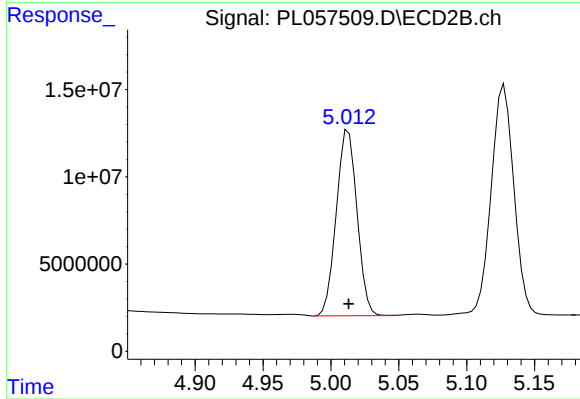
R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 72843530
Conc: 50.50 ng/ml



#7 delta-BHC

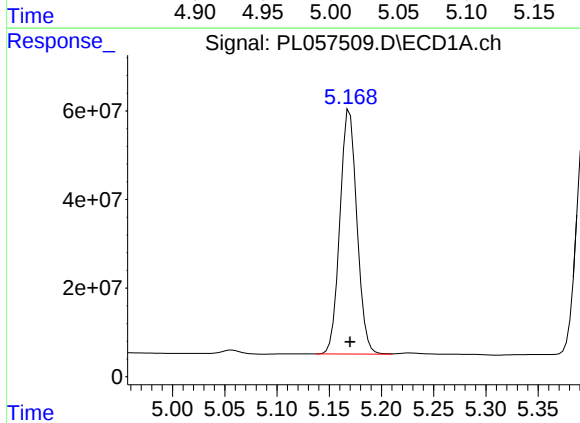
R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 670508228
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



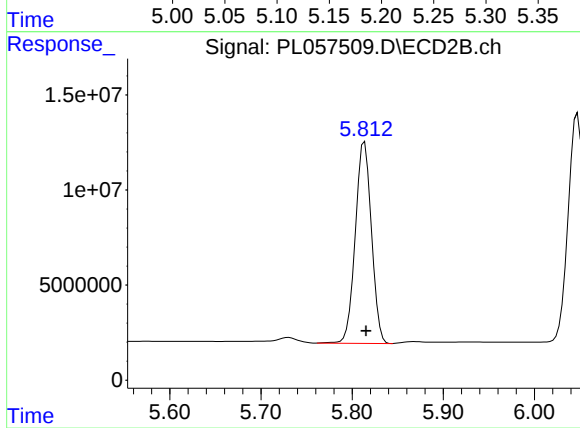
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 113302255
Conc: 44.19 ng/ml



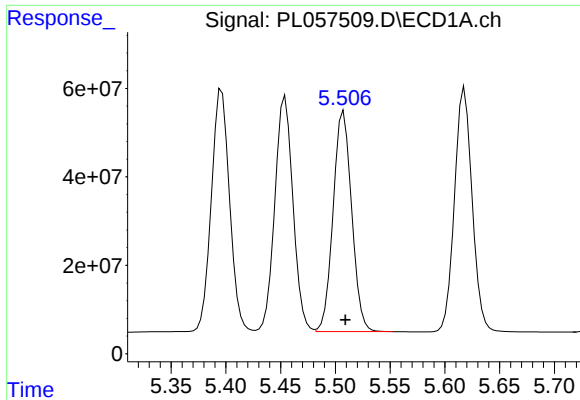
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 624266393
Conc: 48.71 ng/ml



#8 Heptachlor epoxide

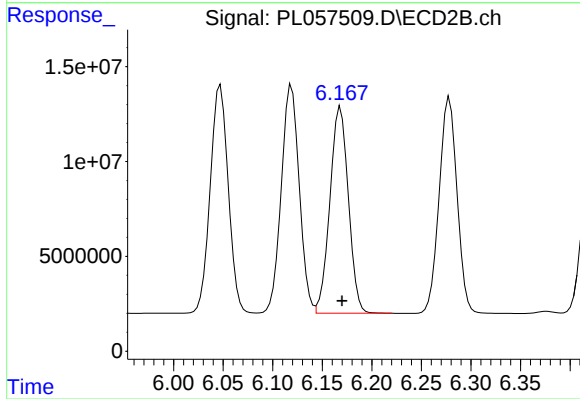
R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 130424978
Conc: 47.80 ng/ml



#9 Endosulfan I

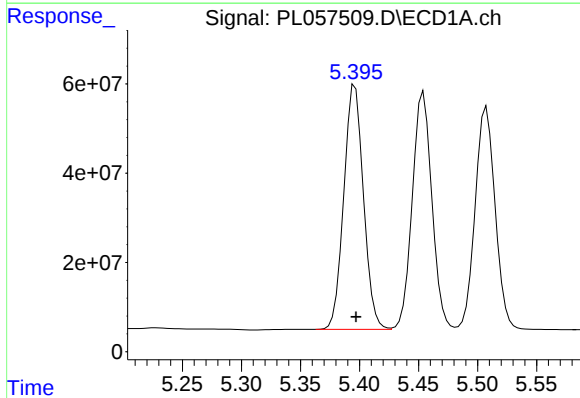
R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 586612970
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



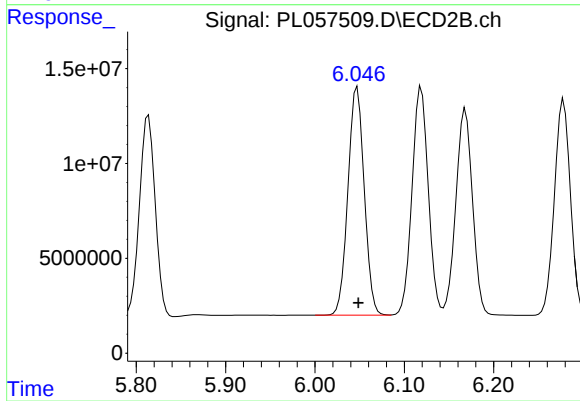
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 141049149
Conc: 49.57 ng/ml



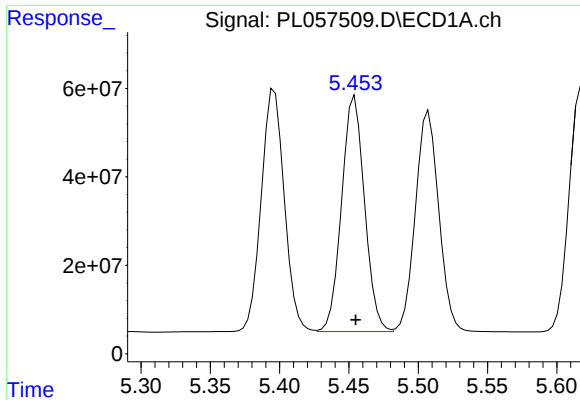
#10 gamma-Chlordane

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 634516356
Conc: 48.66 ng/ml



#10 gamma-Chlordane

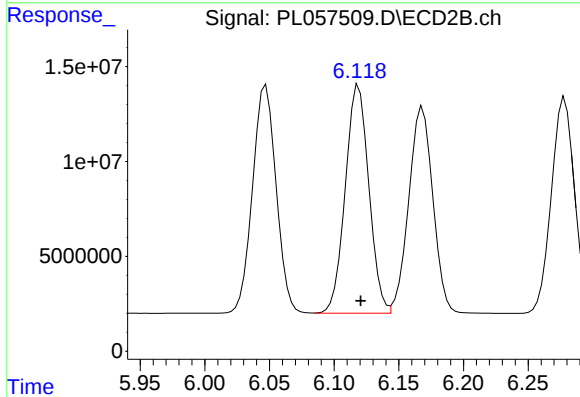
R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 152578853
Conc: 49.50 ng/ml



#11 alpha-Chlordane

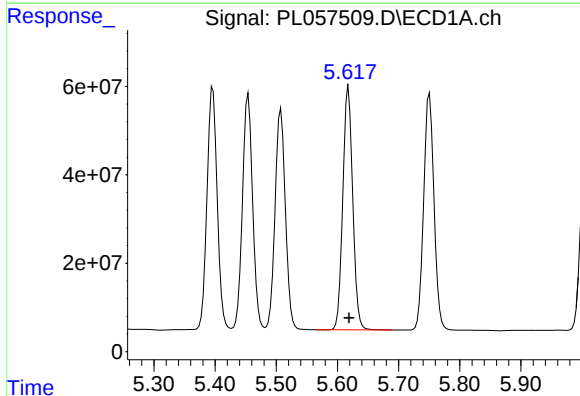
R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 614751211
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



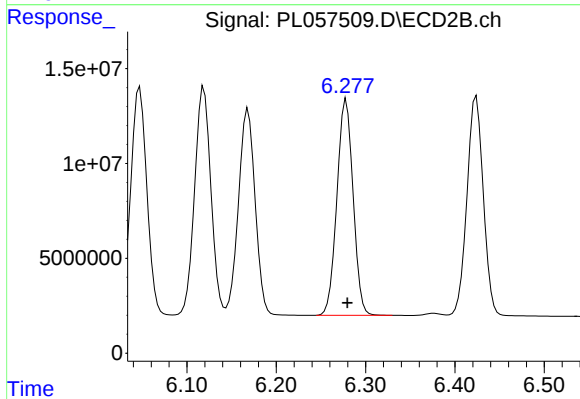
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.001 min
Response: 152411195
Conc: 48.96 ng/ml



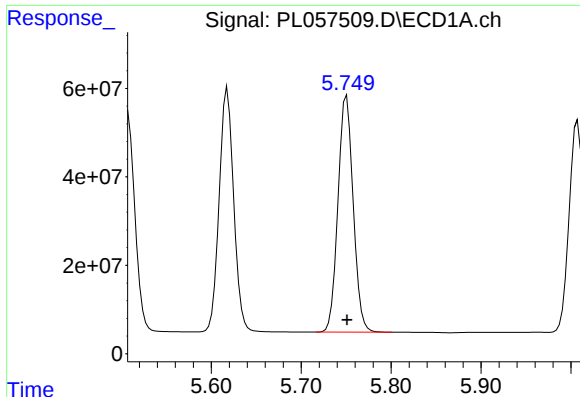
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 619874921
Conc: 49.77 ng/ml



#12 4,4'-DDE

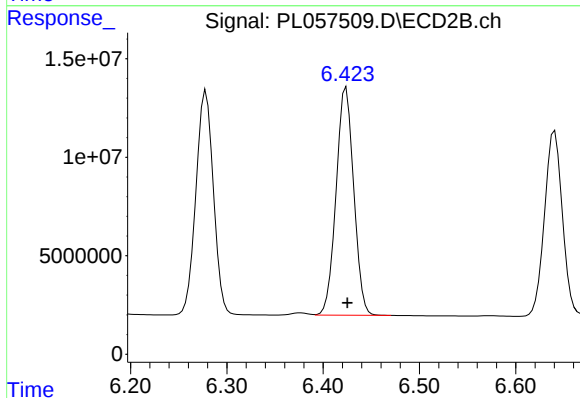
R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 143033370
Conc: 50.32 ng/ml



#13 Dieldrin

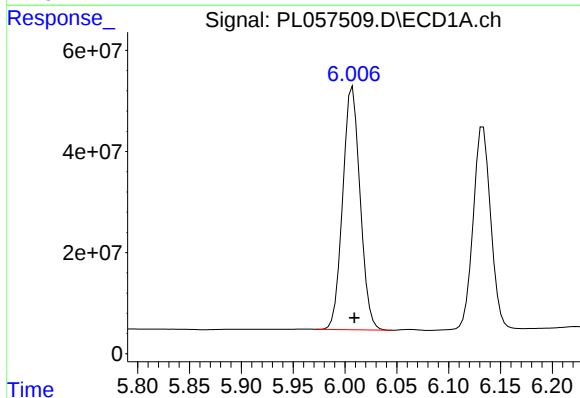
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 628272039
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



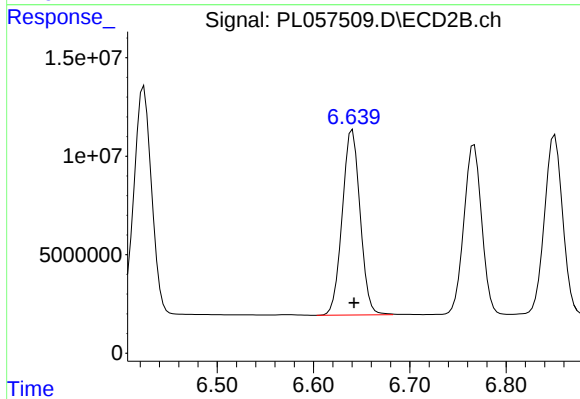
#13 Dieldrin

R.T.: 6.424 min
Delta R.T.: -0.001 min
Response: 147091245
Conc: 49.73 ng/ml



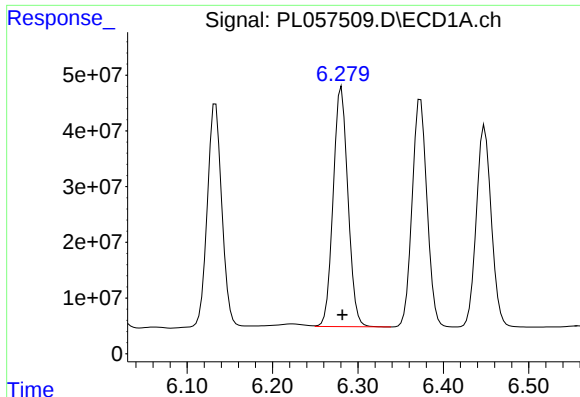
#14 Endrin

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 560971247
Conc: 49.07 ng/ml



#14 Endrin

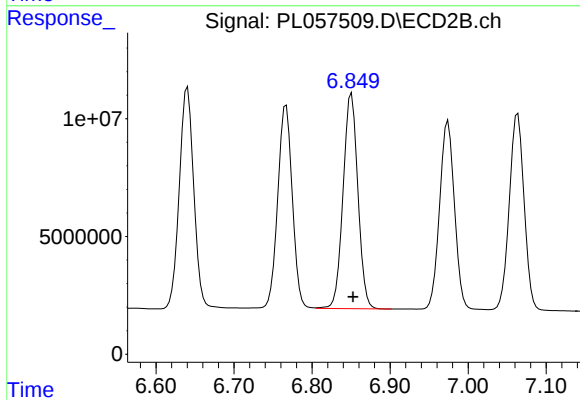
R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 120989873
Conc: 50.15 ng/ml



#15 Endosulfan II

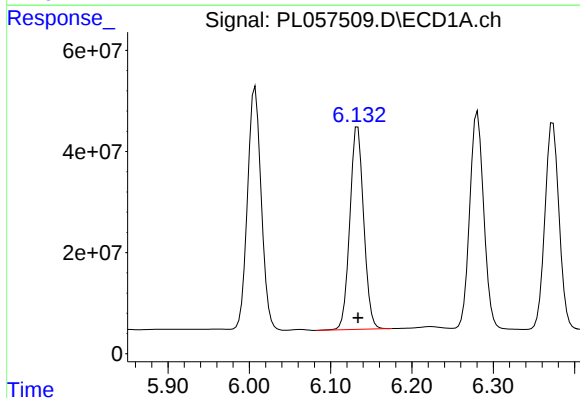
R.T.: 6.281 min
Delta R.T.: -0.001 min
Response: 517063224
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



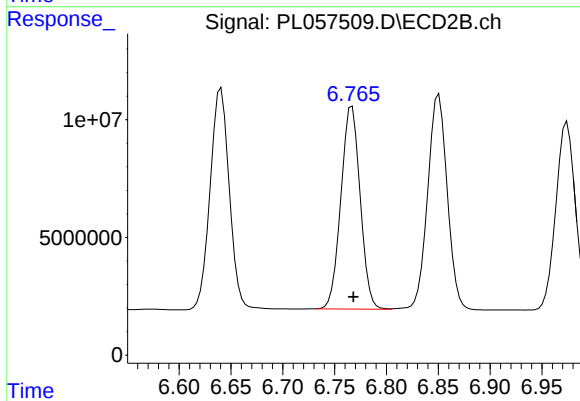
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 120184609
Conc: 45.75 ng/ml



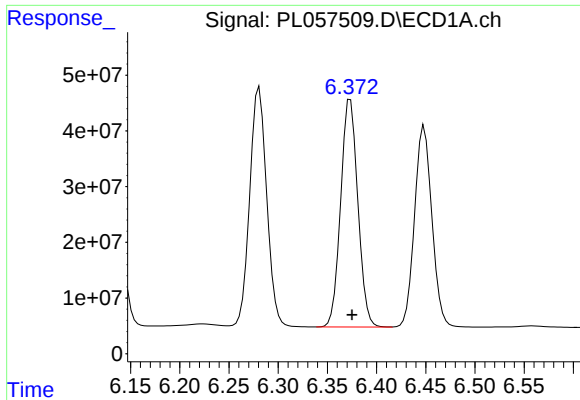
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 472679241
Conc: 48.23 ng/ml



#16 4,4'-DDD

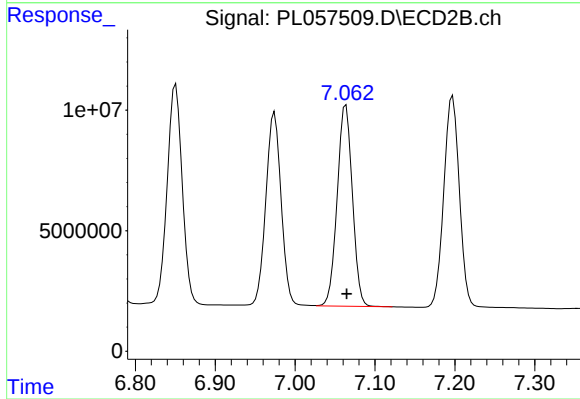
R.T.: 6.767 min
Delta R.T.: -0.001 min
Response: 111225669
Conc: 48.70 ng/ml



#17 4,4'-DDT

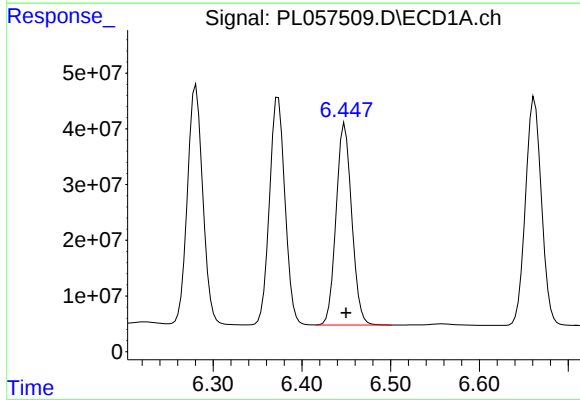
R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 496863055
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



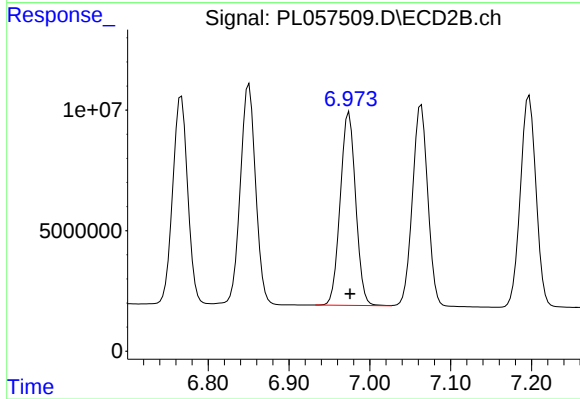
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 110264619
Conc: 48.41 ng/ml



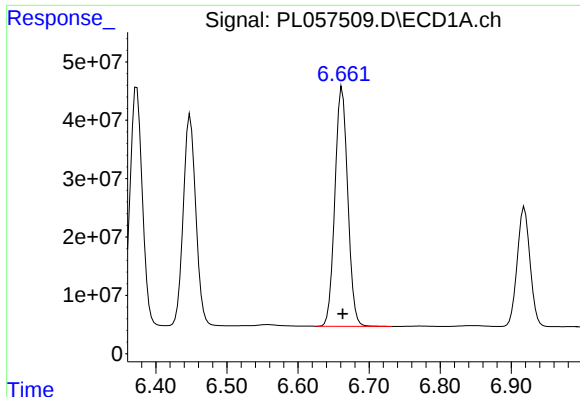
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 442491727
Conc: 47.91 ng/ml



#18 Endrin aldehyde

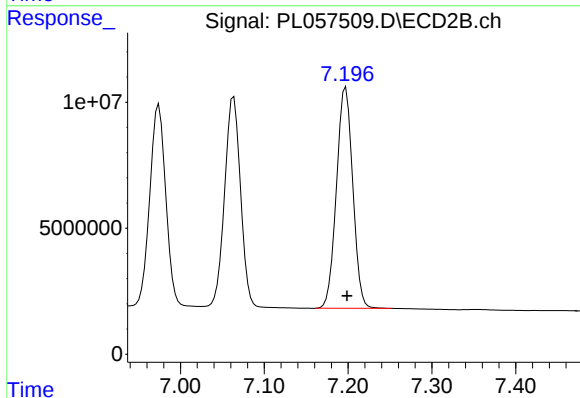
R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 106116028
Conc: 47.73 ng/ml



#19 Endosulfan Sulfate

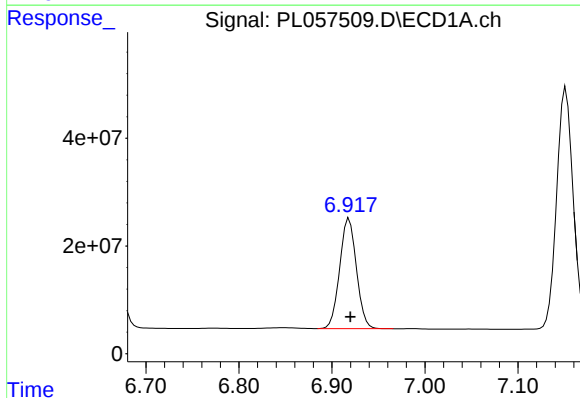
R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 513028106
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



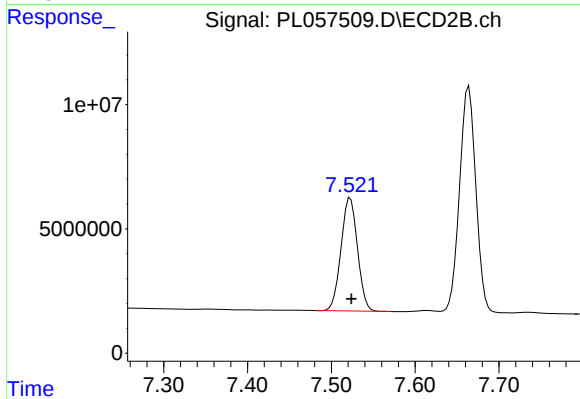
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 118531228
Conc: 48.60 ng/ml



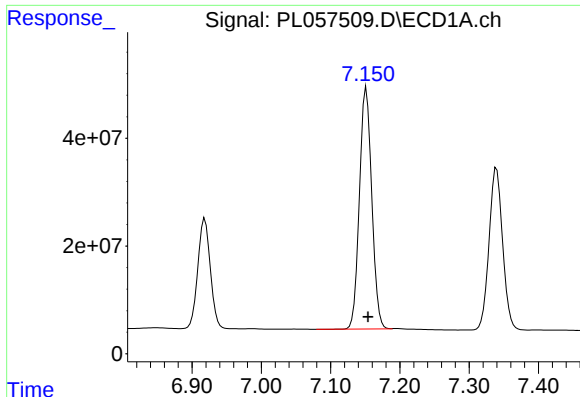
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: -0.001 min
Response: 256075718
Conc: 47.72 ng/ml



#20 Methoxychlor

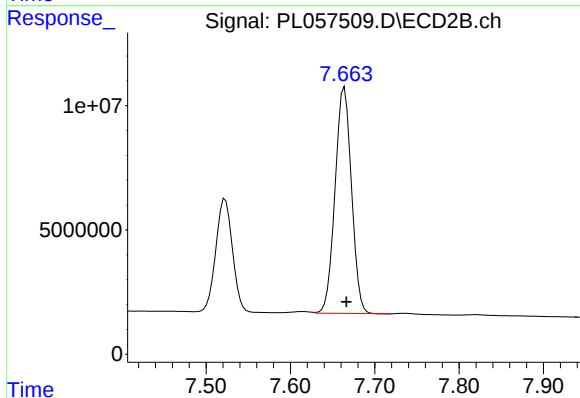
R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 62246917
Conc: 47.86 ng/ml



#21 Endrin ketone

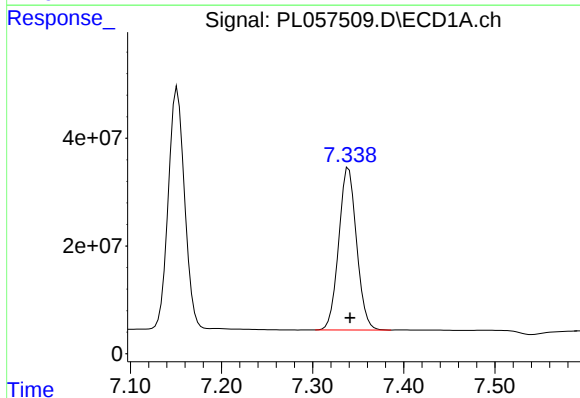
R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 553371989
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



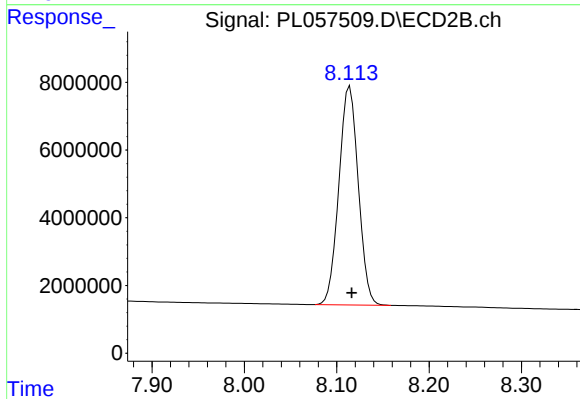
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.002 min
Response: 123086123
Conc: 47.55 ng/ml



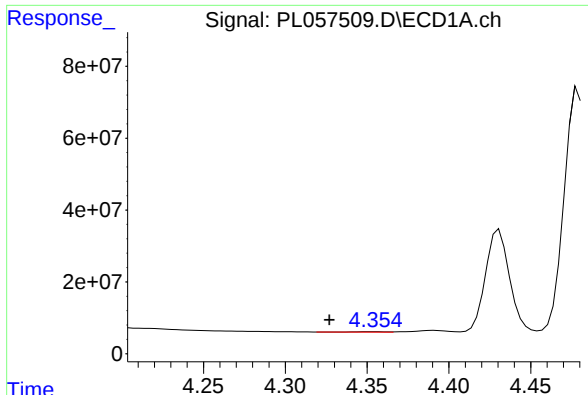
#22 Mirex

R.T.: 7.340 min
Delta R.T.: -0.001 min
Response: 409933508
Conc: 50.61 ng/ml



#22 Mirex

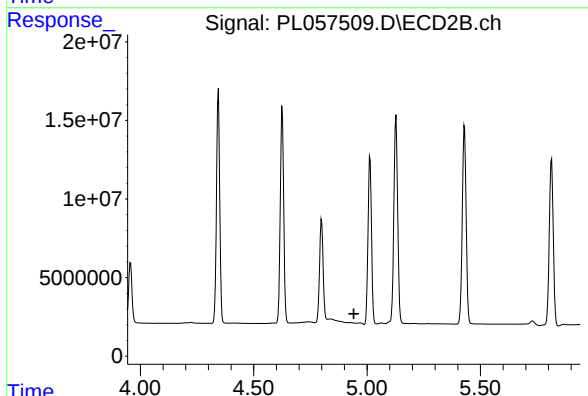
R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: 94299284
Conc: 49.38 ng/ml



#23 Chlordane-1

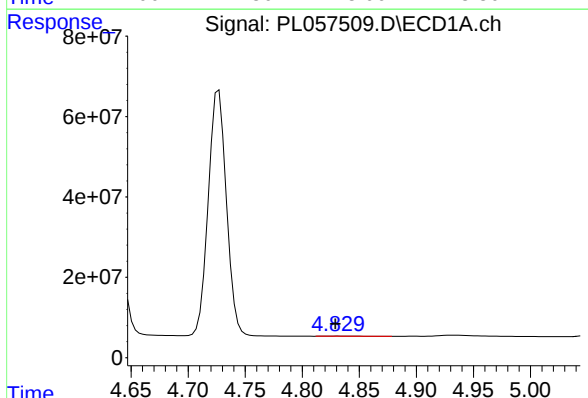
R.T.: 4.354 min
Delta R.T.: 0.027 min
Response: 1784912
Conc: 5.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



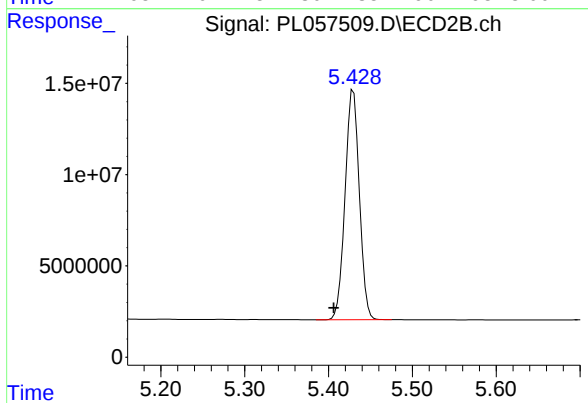
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.941 min
Response: 0
Conc: N.D.



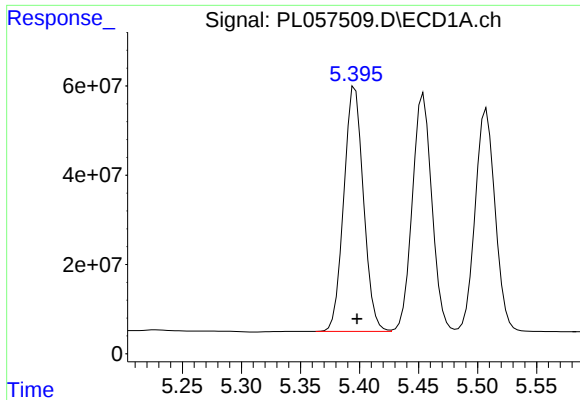
#24 Chlordane-2

R.T.: 4.830 min
Delta R.T.: 0.001 min
Response: 704999
Conc: 1.94 ng/ml



#24 Chlordane-2

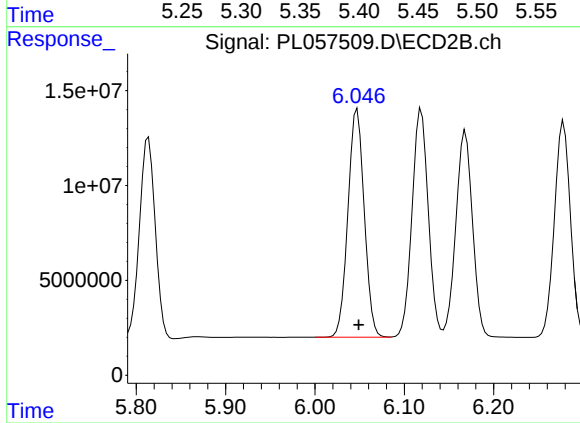
R.T.: 5.430 min
Delta R.T.: 0.024 min
Response: 149441797
Conc: 1585.74 ng/ml



#25 Chlordane-3

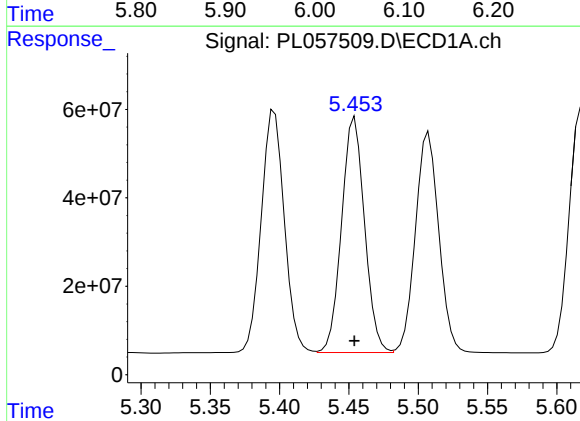
R.T.: 5.396 min
Delta R.T.: -0.002 min
Response: 634516356
Conc: 562.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



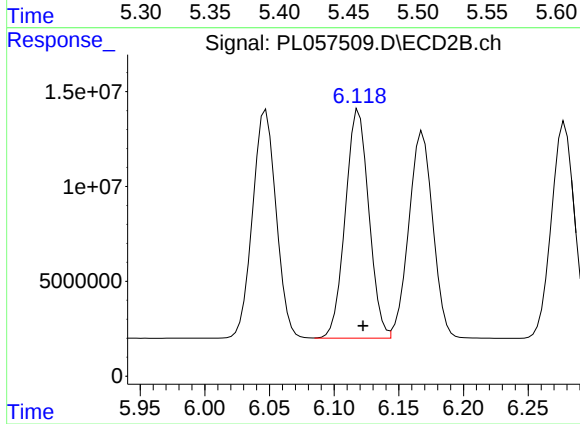
#25 Chlordane-3

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 152578853
Conc: 402.37 ng/ml



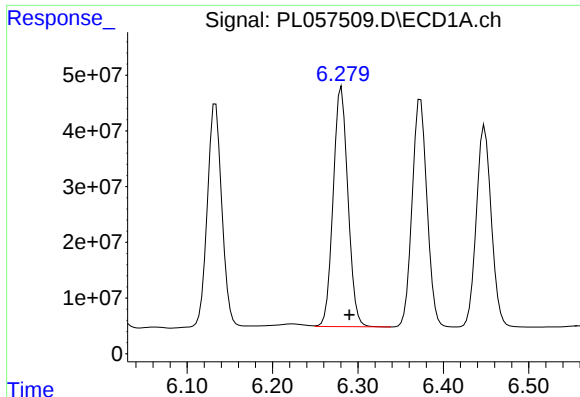
#26 Chlordane-4

R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 614751211
Conc: 641.25 ng/ml



#26 Chlordane-4

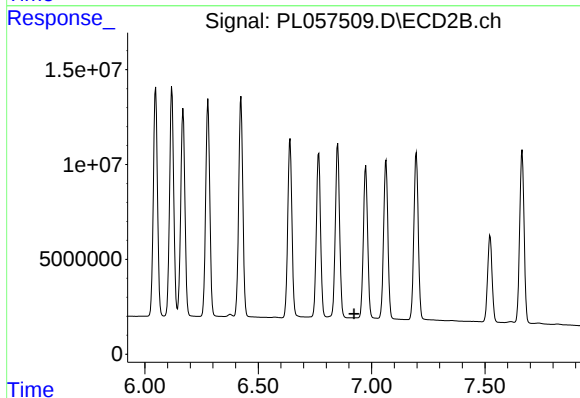
R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 152411195
Conc: 333.00 ng/ml



#27 Chlordane-5

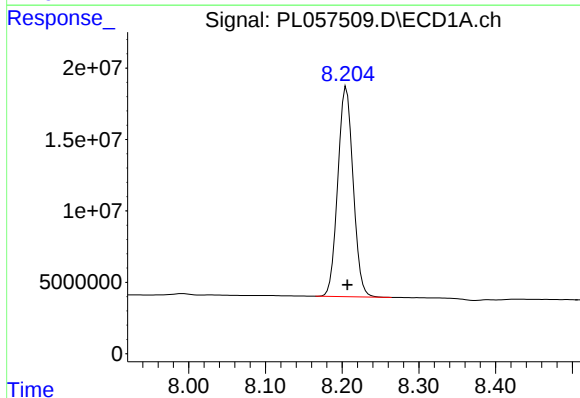
R.T.: 6.281 min
Delta R.T.: -0.009 min
Response: 517063224
Conc: 1421.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



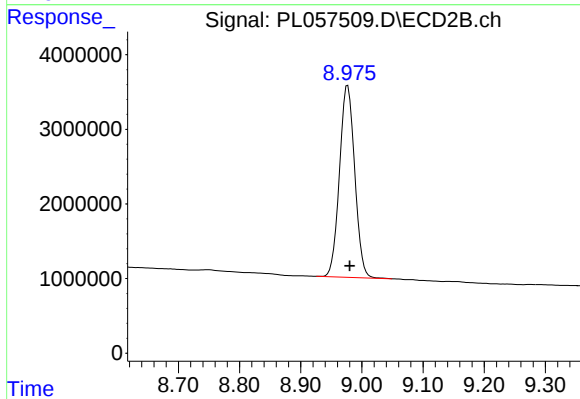
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.922 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 204263304
Conc: 19.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.003 min
Response: 44447665
Conc: 20.05 ng/ml