

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062723\
 Data File : PL083747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2023 17:17
 Operator : AR\AJ
 Sample : 03412-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DUCT-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 00:20:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 2023
 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...	3.430	2.693	39055482	47752204	15.719	16.446
2)	SA Decachlor...	8.972	7.881	27158082	38184511	15.901	15.443
Target Compounds							
2)	A alpha-BHC	3.887	3.199	208.2E6	243.7E6	55.440	58.166
3)	MA gamma-BHC...	4.221	3.529	191.7E6	224.1E6	55.039	56.068
4)	MA Heptachlor	4.813	3.872	186.5E6	217.6E6	55.110	57.592
5)	MB Aldrin	5.155	4.152	183.6E6	204.9E6	53.392	57.294
6)	B beta-BHC	4.421	3.830	82850410	93243244	55.178	55.492
7)	B delta-BHC	4.667	4.059	186.8E6	211.7E6	54.452	55.724
8)	B Heptachlo...	5.585	4.659	170.9E6	186.6E6	50.544	55.540
9)	A Endosulfan I	5.971	5.030	157.9E6	171.5E6	51.185	55.437
10)	B gamma-Chl...	5.843	4.913	175.0E6	190.5E6	51.992	55.915
11)	B alpha-Chl...	5.923	4.977	170.1E6	188.0E6	51.609	55.502
12)	B 4,4'-DDE	6.104	5.175	151.0E6	165.0E6	52.776	59.014
13)	MA Dieldrin	6.249	5.297	160.8E6	176.3E6	51.980	55.869
14)	MA Endrin	6.478	5.572	136.8E6	159.9E6	51.848	60.100
15)	B Endosulfa...	6.699	5.870	122.7E6	141.3E6	51.398	55.122
16)	A 4,4'-DDD	6.622	5.733	121.8E6	134.2E6	56.283	61.898
17)	MA 4,4'-DDT	6.938	5.985	122.8E6	140.1E6	52.284	56.470
18)	B Endrin al...	6.830	6.051	97935405	112.2E6	52.921	54.842
19)	B Endosulfa...	7.066	6.276	124.7E6	144.0E6	51.629	55.322
20)	A Methoxychlor	7.422	6.570	60477199	73185778	52.286	57.803
21)	B Endrin ke...	7.551	6.782	125.0E6	154.8E6	53.832	53.420
22)	Mirex	8.027	6.964	96418458	131.2E6	50.631	51.926
23)	Chlordane-1	0.000	3.683	0	14280	N.D.	0.137 #
24)	Chlordane-2	5.113f	4.285	282311	2640071	2.432	22.158 #
25)	Chlordane-3	5.843	4.913	175.0E6	190.5E6	361.440	564.984 #
26)	Chlordane-4	5.923	4.977	170.1E6	188.0E6	293.109	532.841 #
27)	Chlordane-5	0.000	5.870	0	141.3E6	N.D.	1428.728 #

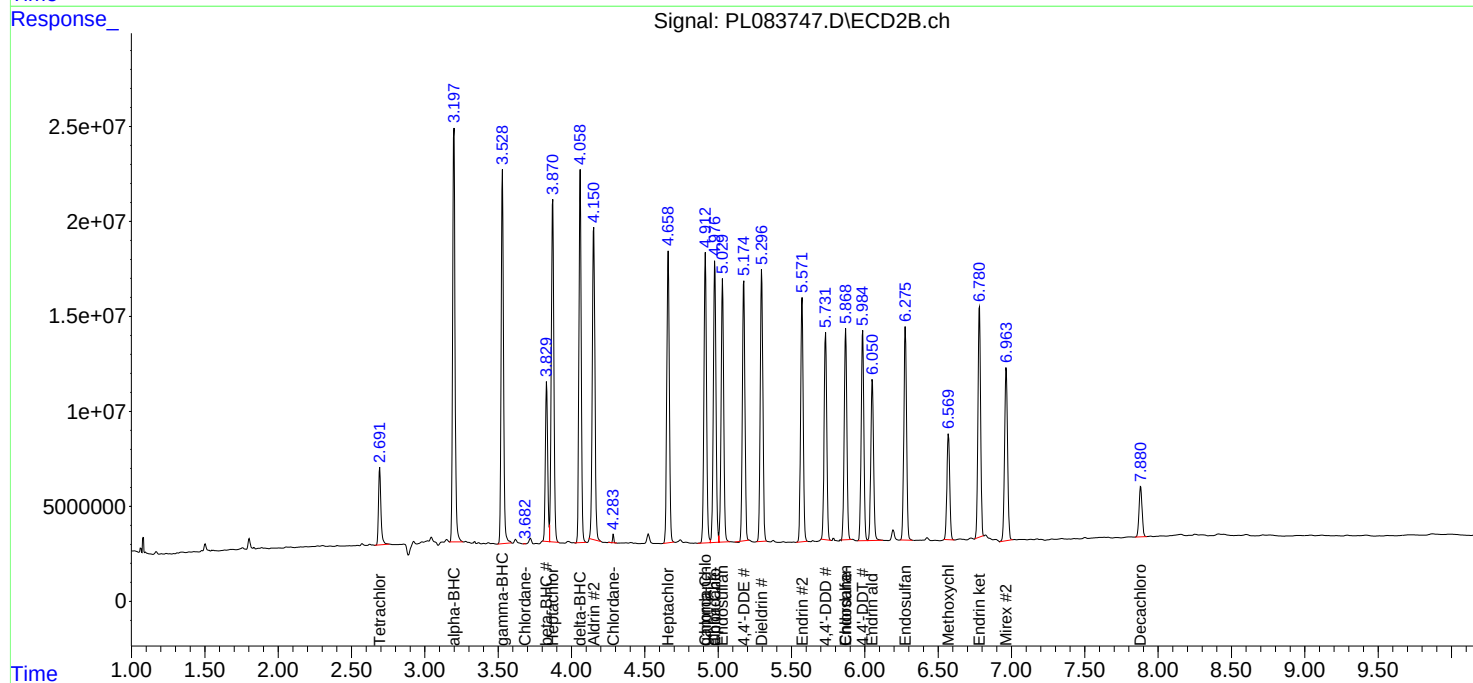
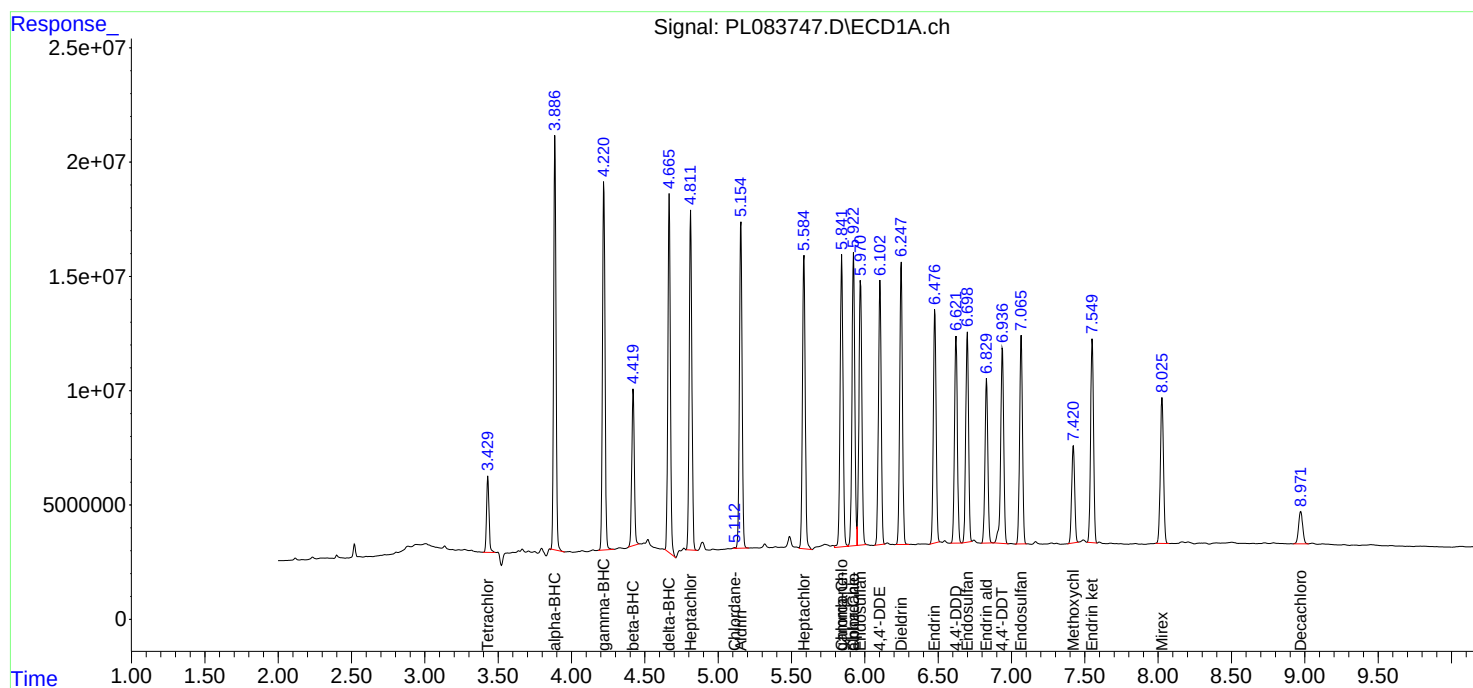
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

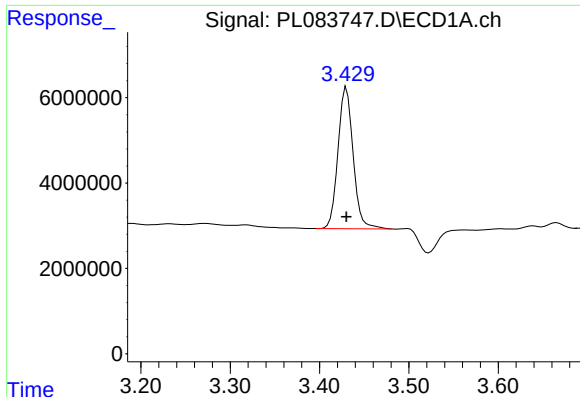
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062723\
Data File : PL083747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2023 17:17
Operator : AR\AJ
Sample : 03412-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 00:20:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
Quant Title : GC Extractables
QLast Update : Mon Jun 26 10:45:09 2023
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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

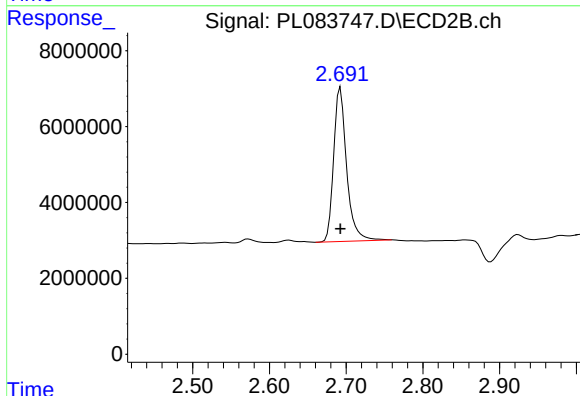




#1 Tetrachloro-m-xylene

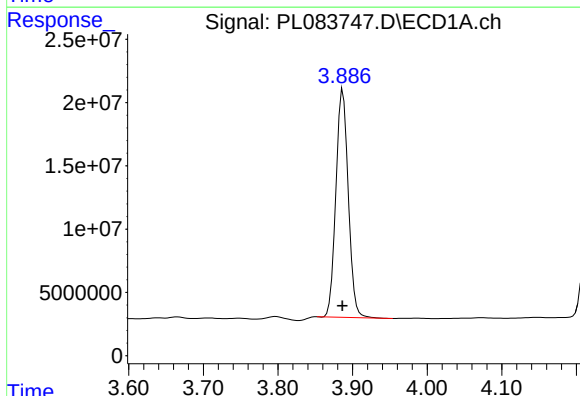
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 39055482
Conc: 15.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



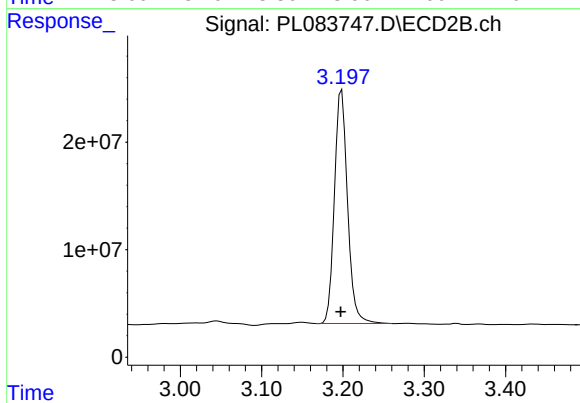
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 47752204
Conc: 16.45 ng/ml



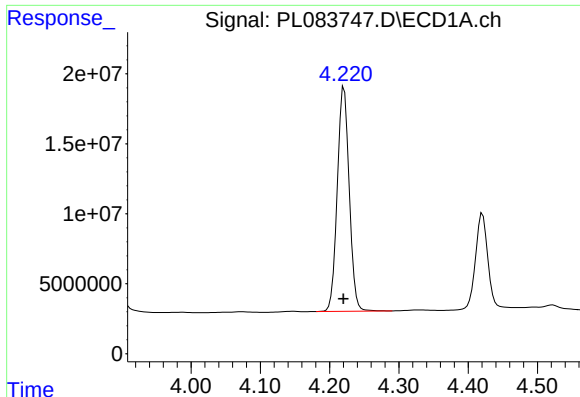
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 208175590
Conc: 55.44 ng/ml



#2 alpha-BHC

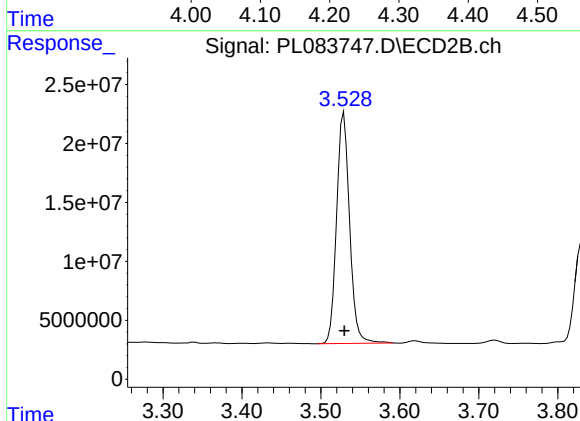
R.T.: 3.199 min
Delta R.T.: 0.001 min
Response: 243738971
Conc: 58.17 ng/ml



#3 gamma-BHC (Lindane)

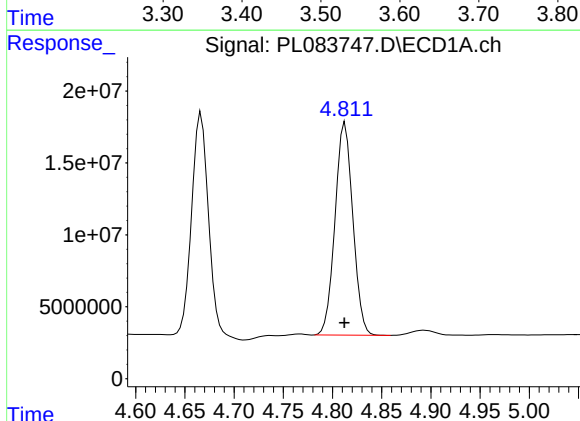
R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 191746265
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



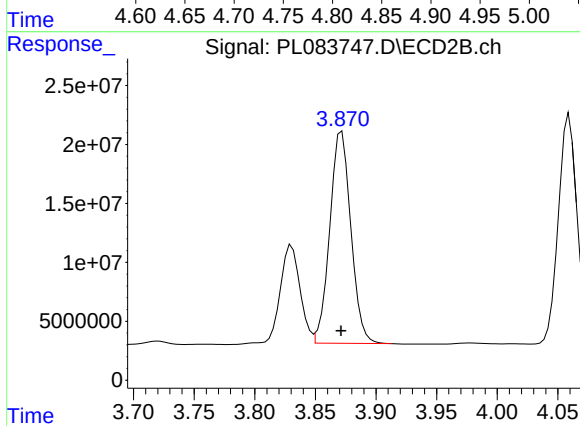
#3 gamma-BHC (Lindane)

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 224090901
Conc: 56.07 ng/ml



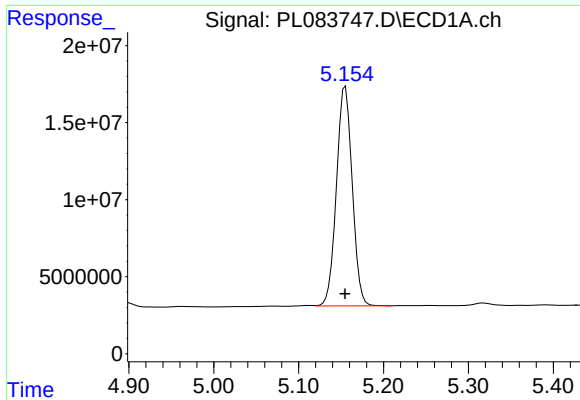
#4 Heptachlor

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 186510806
Conc: 55.11 ng/ml



#4 Heptachlor

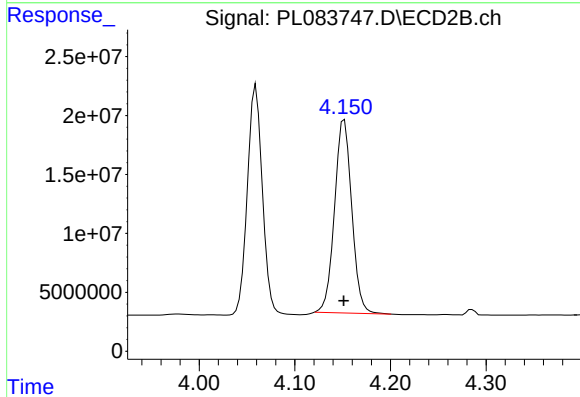
R.T.: 3.872 min
Delta R.T.: 0.000 min
Response: 217629264
Conc: 57.59 ng/ml



#5 Aldrin

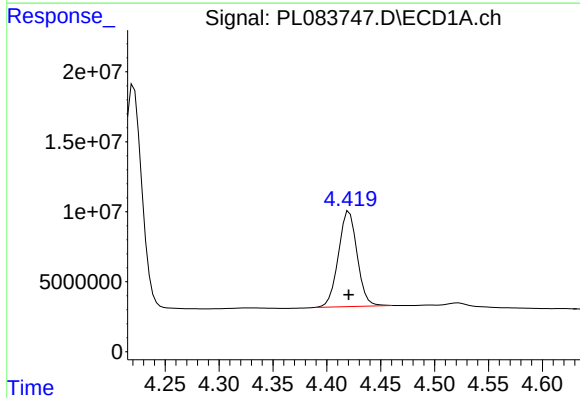
R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 183617072
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



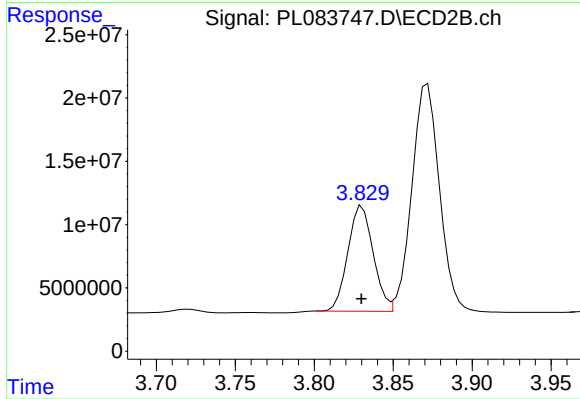
#5 Aldrin

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 204937353
Conc: 57.29 ng/ml



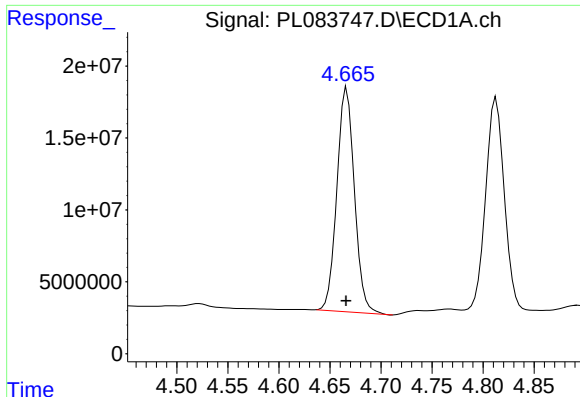
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 82850410
Conc: 55.18 ng/ml



#6 beta-BHC

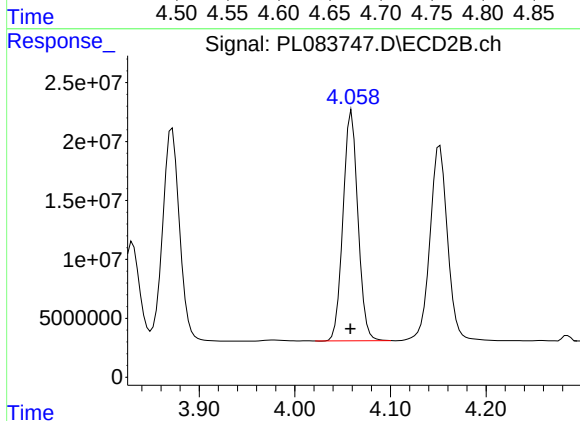
R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 93243244
Conc: 55.49 ng/ml



#7 delta-BHC

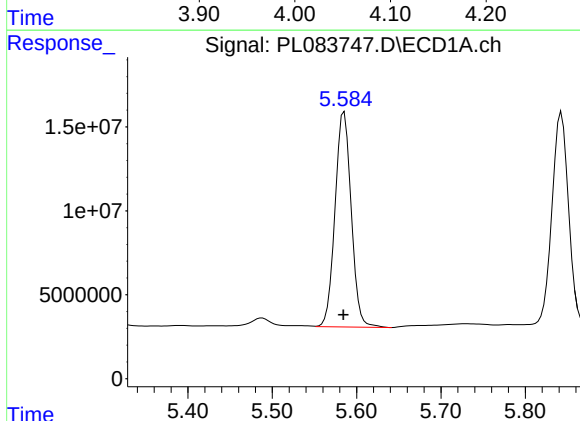
R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 186847985
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



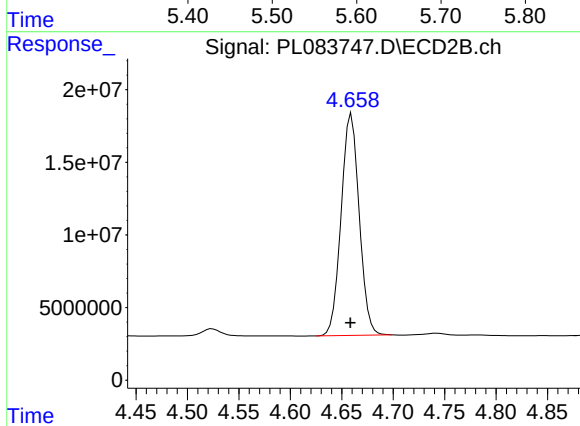
#7 delta-BHC

R.T.: 4.059 min
Delta R.T.: 0.001 min
Response: 211725610
Conc: 55.72 ng/ml



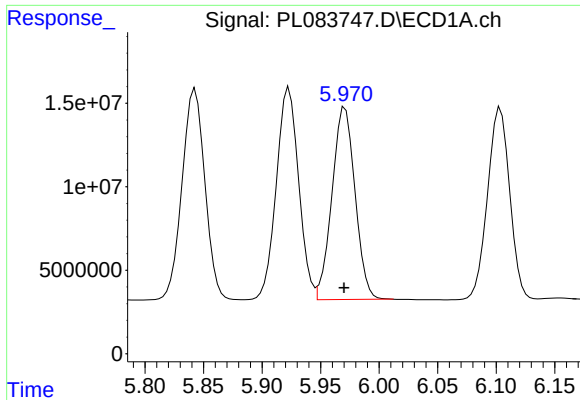
#8 Heptachlor epoxide

R.T.: 5.585 min
Delta R.T.: 0.001 min
Response: 170881044
Conc: 50.54 ng/ml



#8 Heptachlor epoxide

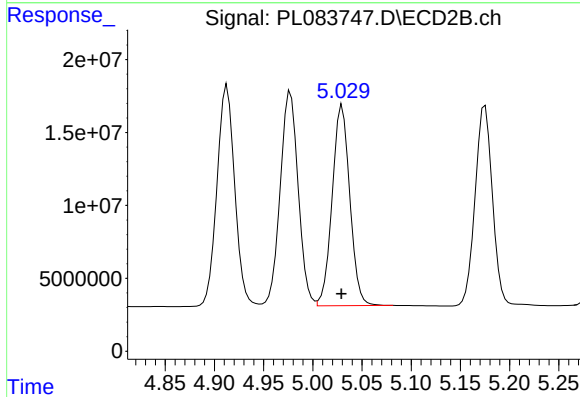
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 186641539
Conc: 55.54 ng/ml



#9 Endosulfan I

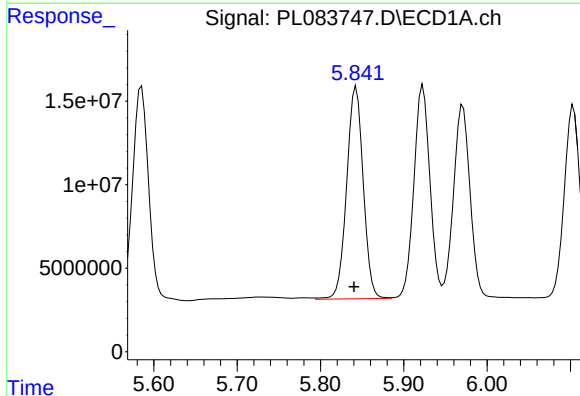
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 157941567
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



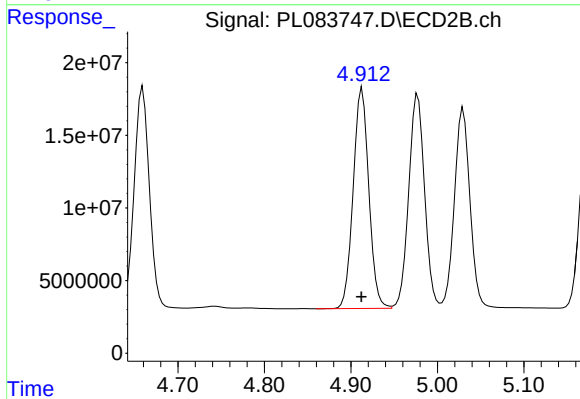
#9 Endosulfan I

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 171480207
Conc: 55.44 ng/ml



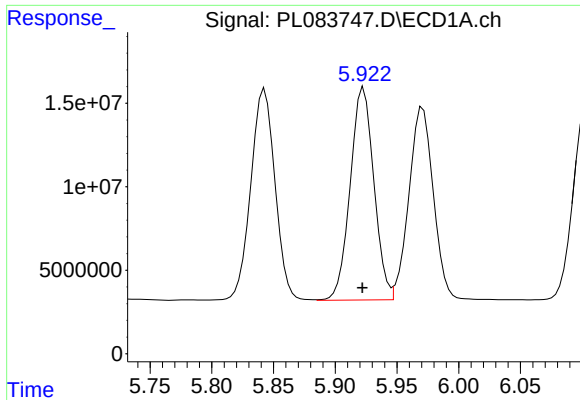
#10 gamma-Chlordane

R.T.: 5.843 min
Delta R.T.: 0.002 min
Response: 175022279
Conc: 51.99 ng/ml



#10 gamma-Chlordane

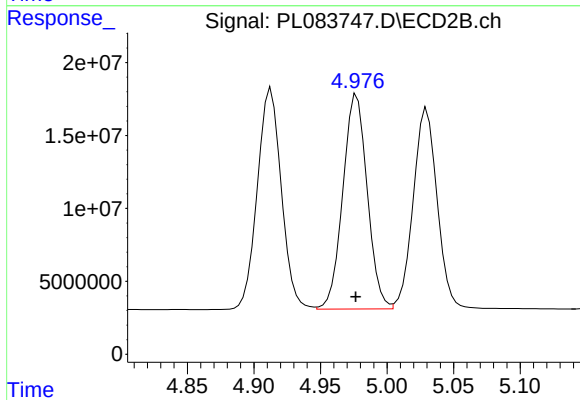
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 190481332
Conc: 55.92 ng/ml



#11 alpha-Chlordane

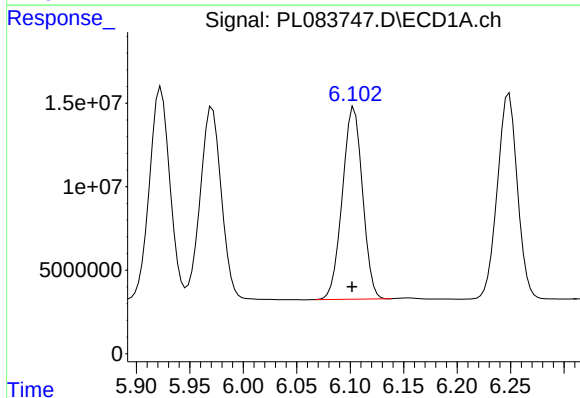
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 170099426
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



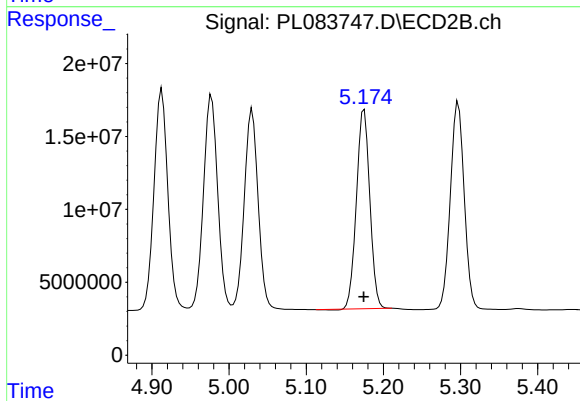
#11 alpha-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 187962915
Conc: 55.50 ng/ml



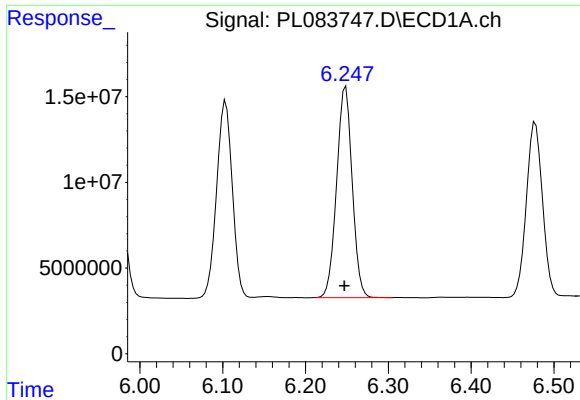
#12 4,4'-DDE

R.T.: 6.104 min
Delta R.T.: 0.002 min
Response: 151048087
Conc: 52.78 ng/ml



#12 4,4'-DDE

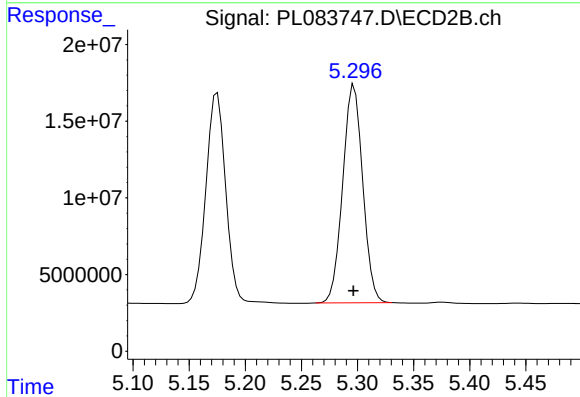
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 165025834
Conc: 59.01 ng/ml



#13 Dieldrin

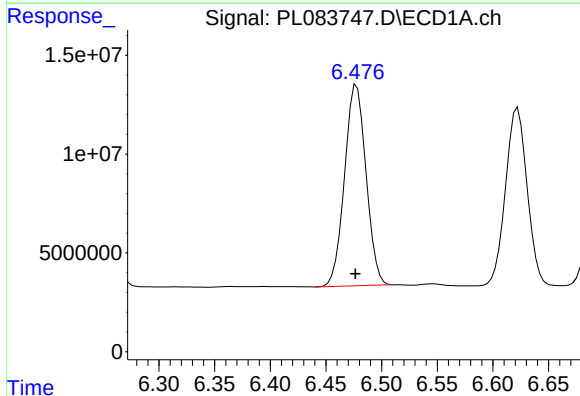
R.T.: 6.249 min
Delta R.T.: 0.002 min
Response: 160812604
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



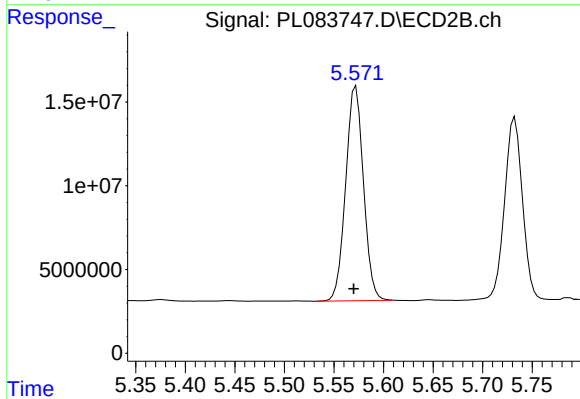
#13 Dieldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 176347374
Conc: 55.87 ng/ml



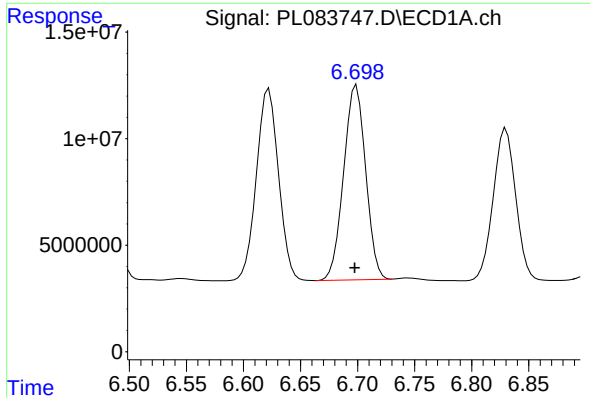
#14 Endrin

R.T.: 6.478 min
Delta R.T.: 0.001 min
Response: 136799716
Conc: 51.85 ng/ml



#14 Endrin

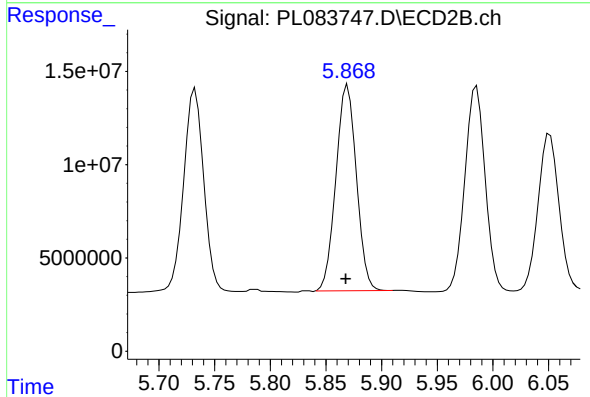
R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 159928507
Conc: 60.10 ng/ml



#15 Endosulfan II

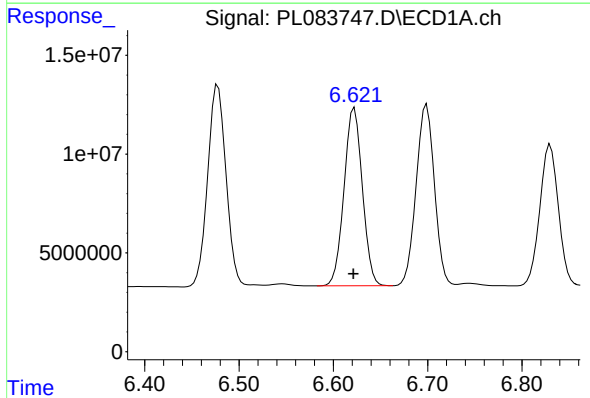
R.T.: 6.699 min
Delta R.T.: 0.002 min
Response: 122697227
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



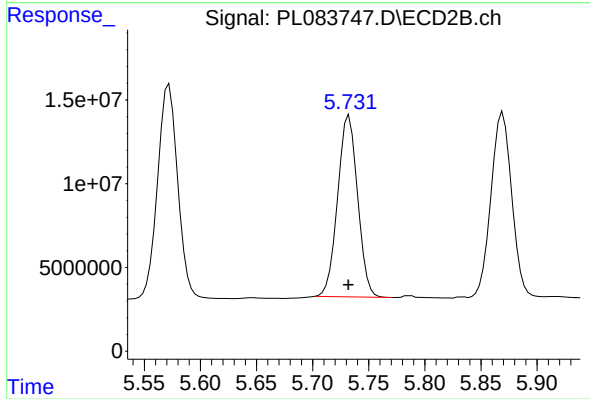
#15 Endosulfan II

R.T.: 5.870 min
Delta R.T.: 0.002 min
Response: 141260549
Conc: 55.12 ng/ml



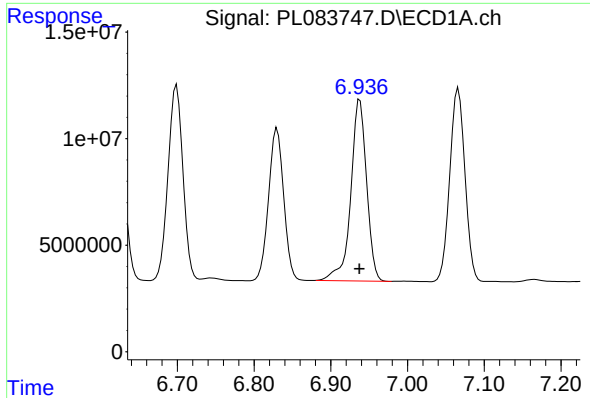
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: 0.001 min
Response: 121840900
Conc: 56.28 ng/ml



#16 4,4'-DDD

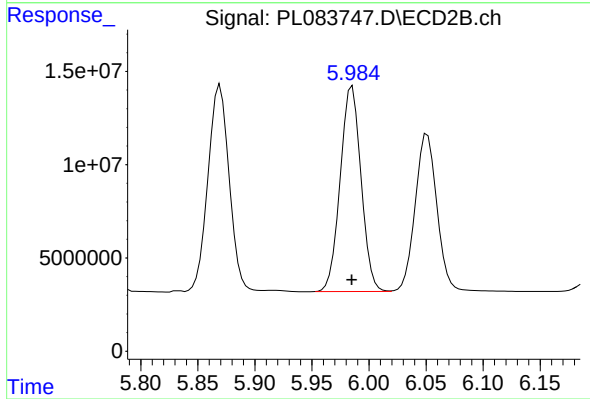
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 134215367
Conc: 61.90 ng/ml



#17 4,4'-DDT

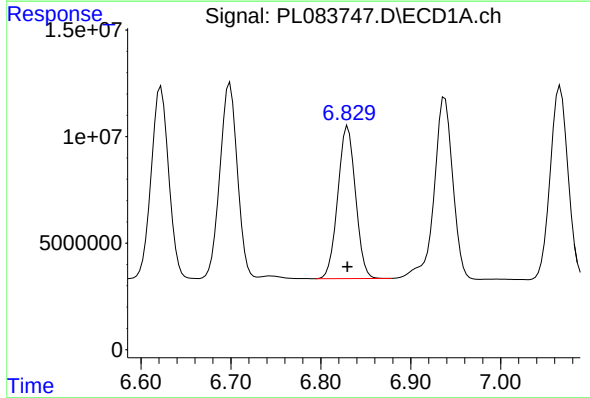
R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 122799050
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



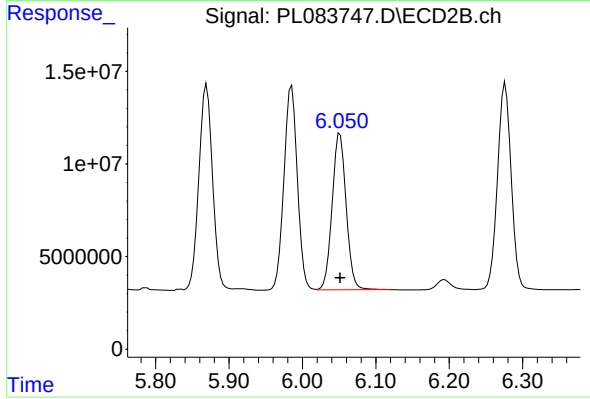
#17 4,4'-DDT

R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 140061345
Conc: 56.47 ng/ml



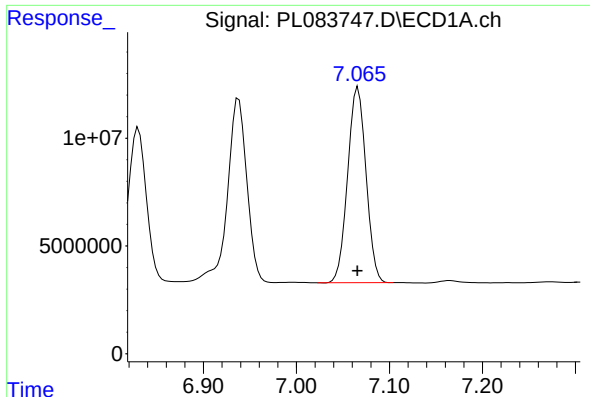
#18 Endrin aldehyde

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 97935405
Conc: 52.92 ng/ml



#18 Endrin aldehyde

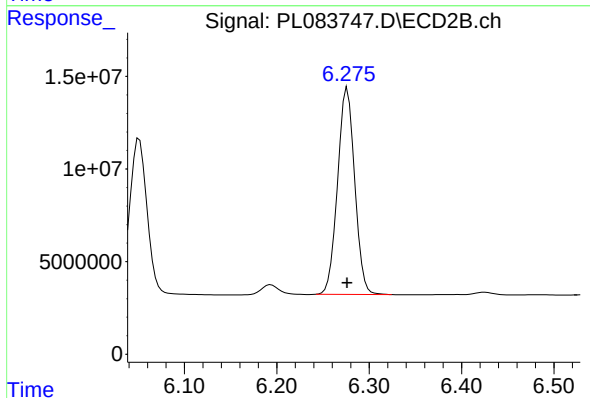
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 112152595
Conc: 54.84 ng/ml



#19 Endosulfan Sulfate

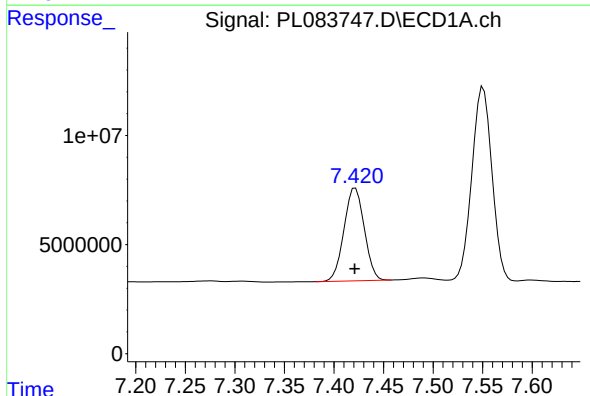
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 124675735
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



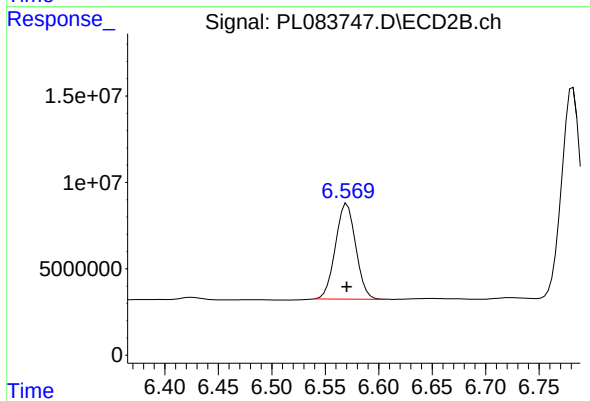
#19 Endosulfan Sulfate

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 143972976
Conc: 55.32 ng/ml



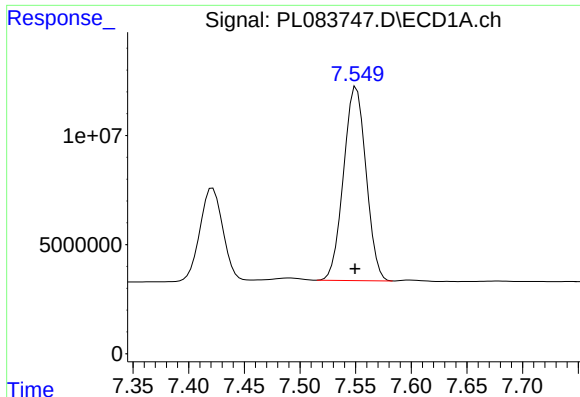
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 60477199
Conc: 52.29 ng/ml



#20 Methoxychlor

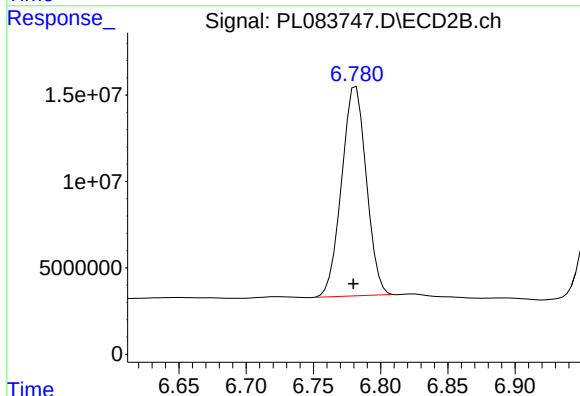
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 73185778
Conc: 57.80 ng/ml



#21 Endrin ketone

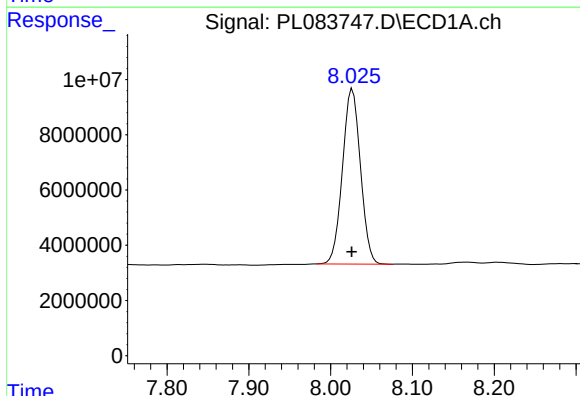
R.T.: 7.551 min
Delta R.T.: 0.001 min
Response: 125049486
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



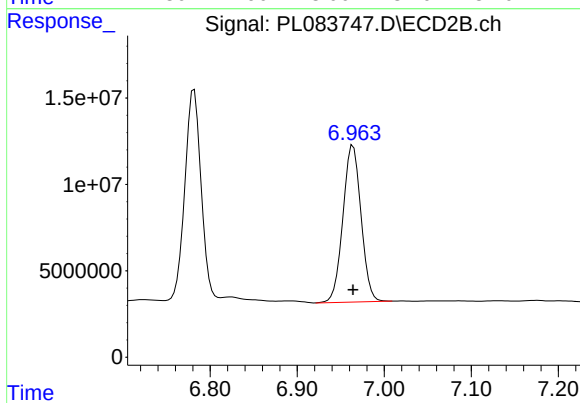
#21 Endrin ketone

R.T.: 6.782 min
Delta R.T.: 0.002 min
Response: 154843209
Conc: 53.42 ng/ml



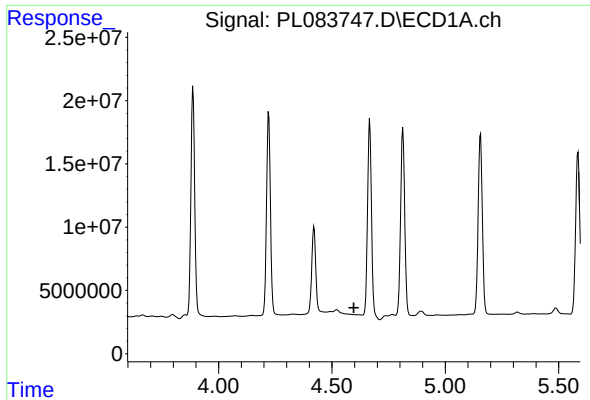
#22 Mirex

R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 96418458
Conc: 50.63 ng/ml



#22 Mirex

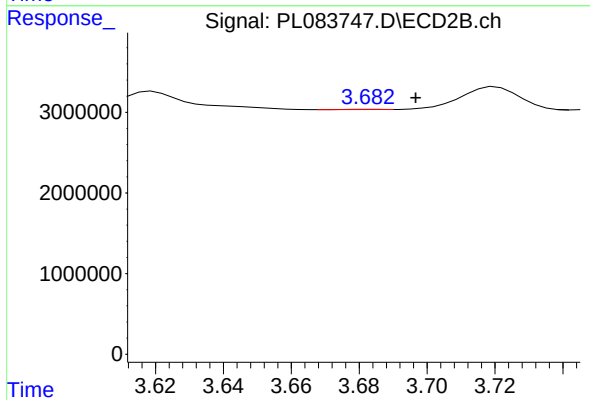
R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 131204055
Conc: 51.93 ng/ml



#23 Chlordane-1

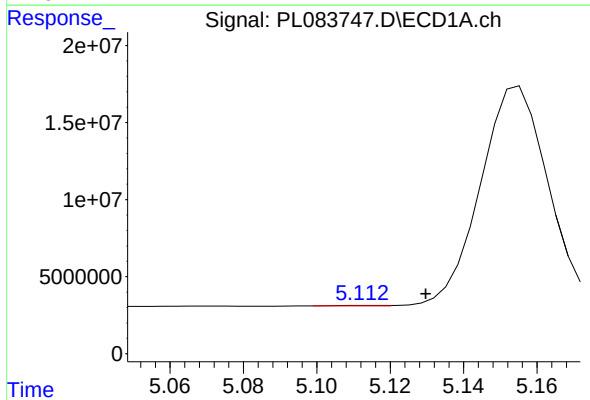
R.T.: 0.000 min
Exp R.T.: 4.597 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



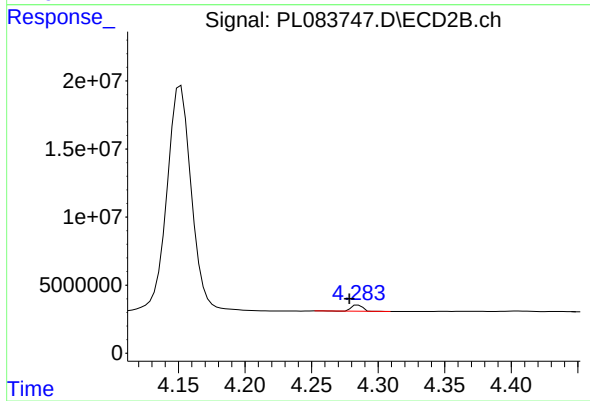
#23 Chlordane-1

R.T.: 3.683 min
Delta R.T.: -0.013 min
Response: 14280
Conc: 0.14 ng/ml



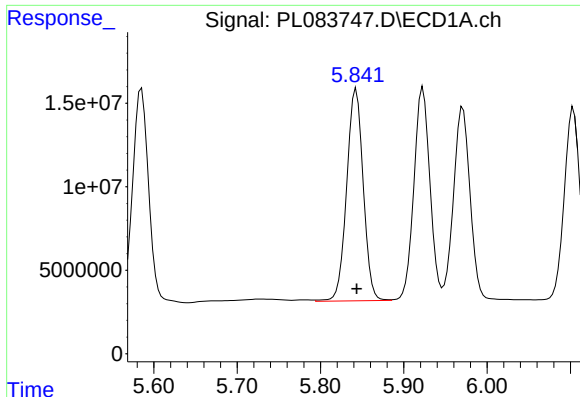
#24 Chlordane-2

R.T.: 5.113 min
Delta R.T.: -0.017 min
Response: 282311
Conc: 2.43 ng/ml



#24 Chlordane-2

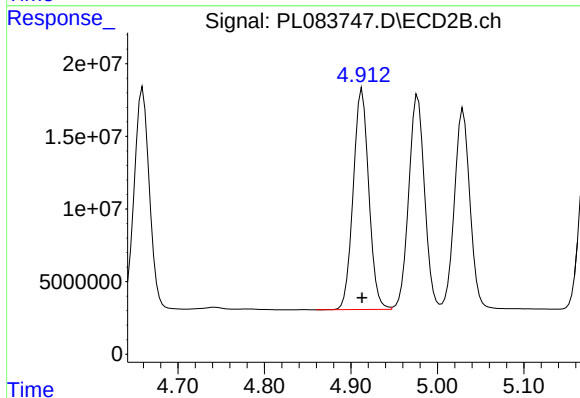
R.T.: 4.285 min
Delta R.T.: 0.007 min
Response: 2640071
Conc: 22.16 ng/ml



#25 Chlordane-3

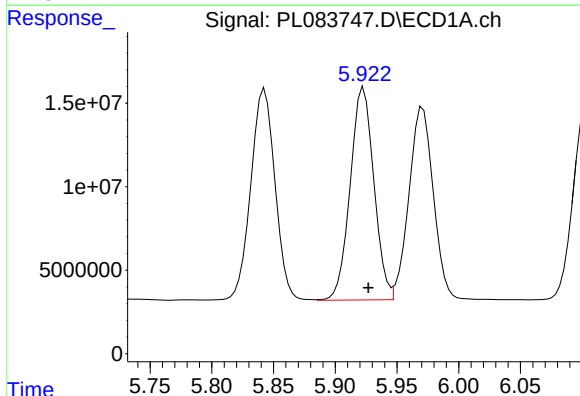
R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 175022279
Conc: 361.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



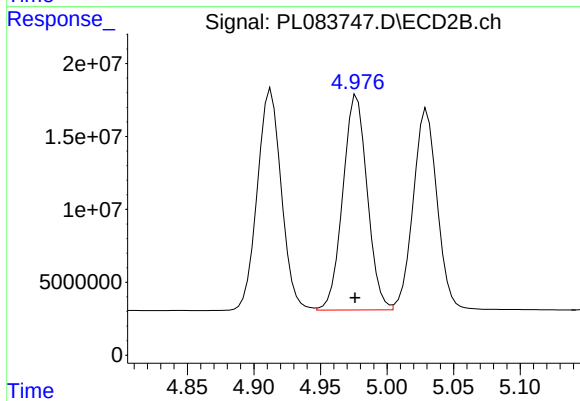
#25 Chlordane-3

R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 190481332
Conc: 564.98 ng/ml



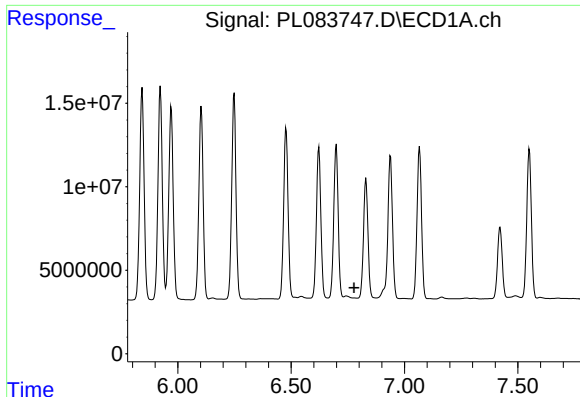
#26 Chlordane-4

R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 170099426
Conc: 293.11 ng/ml



#26 Chlordane-4

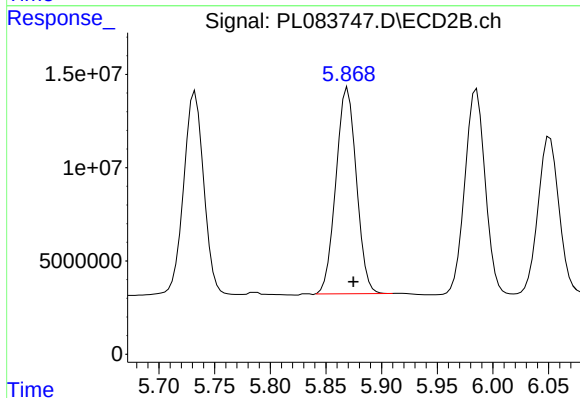
R.T.: 4.977 min
Delta R.T.: 0.001 min
Response: 187962915
Conc: 532.84 ng/ml



#27 Chlordane-5

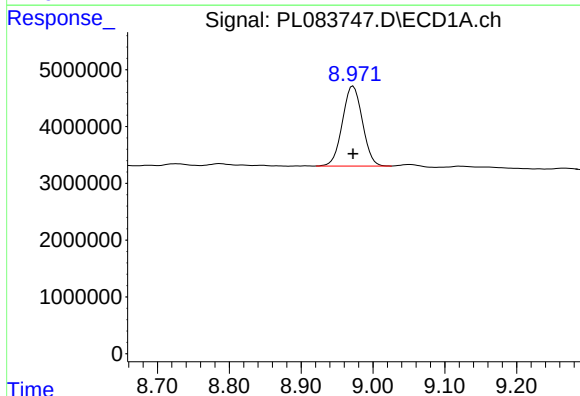
R.T.: 0.000 min
Exp R.T.: 6.777 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
DUCT-1MSD



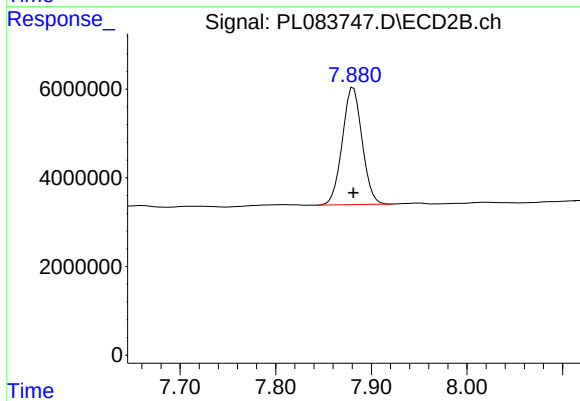
#27 Chlordane-5

R.T.: 5.870 min
Delta R.T.: -0.005 min
Response: 141260549
Conc: 1428.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.972 min
Delta R.T.: 0.000 min
Response: 27158082
Conc: 15.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 38184511
Conc: 15.44 ng/ml