

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
 Data File : PL082279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2023 11:00
 Operator : AR\AJ
 Sample : 02427-13MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:23:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.325	2.649	39391303	31441992	14.747	13.572
28)	SA Decachlor...	8.746	7.763	20304225	20915430	10.636	9.163
Target Compounds							
2)	A alpha-BHC	3.774	3.147	176.5E6	137.5E6	44.353	40.410
3)	MA gamma-BHC...	4.103	3.474	172.3E6	136.1E6	46.074	42.321
4)	MA Heptachlor	4.682	3.807	157.3E6	135.7E6	43.046	39.639
5)	MB Aldrin	5.018	4.083	150.1E6	132.3E6	45.519	42.016
6)	B beta-BHC	4.306	3.774	74955712	56128471	43.949	41.138
7)	B delta-BHC	4.547	4.001	163.0E6	126.5E6	45.302	41.253
8)	B Heptachlo...	5.445	4.585	135.0E6	120.1E6	44.249	41.700
9)	A Endosulfan I	5.825	4.952	122.7E6	108.6E6	44.264	40.690
10)	B gamma-Chl...	5.700	4.834	137.6E6	120.4E6	45.752	41.488
11)	B alpha-Chl...	5.777	4.897	132.2E6	121.9E6	44.293	41.988
12)	B 4,4'-DDE	5.956	5.088	115.4E6	99790850	45.378	43.407
13)	MA Dieldrin	6.100	5.217	128.1E6	116.1E6	46.444	42.977
14)	MA Endrin	6.328	5.492	111.0E6	102.4E6	45.765	41.864
15)	B Endosulfa...	6.549	5.788	107.4E6	101.5E6	44.118	45.011
16)	A 4,4'-DDD	6.471	5.643	94570225	81897645	46.651	43.786
17)	MA 4,4'-DDT	6.783	5.891	97382396	89453866	42.567	42.343
18)	B Endrin al...	6.680	5.968	88455225	84405376	46.946	45.103
19)	B Endosulfa...	6.913	6.191	105.8E6	98623027	44.624	41.891
20)	A Methoxychlor	7.263	6.470	58087871	53097719	47.600	43.816
21)	B Endrin ke...	7.393	6.696	113.5E6	109.6E6	47.412	43.174
22)	Mirex	7.858	6.868	87271581	93981805	44.610	40.786
23)	Chlordane-1	0.000	3.631	0	70617	N.D.	0.796 #
24)	Chlordane-2	5.018f	4.222f	150.1E6	833204	1260.823	7.430 #
25)	Chlordane-3	5.700	4.834	137.6E6	120.4E6	318.665	423.752 #
26)	Chlordane-4	5.777	4.897	132.2E6	121.9E6	254.266	408.453 #
27)	Chlordane-5	0.000	5.788	0	101.5E6	N.D.	1027.822 #

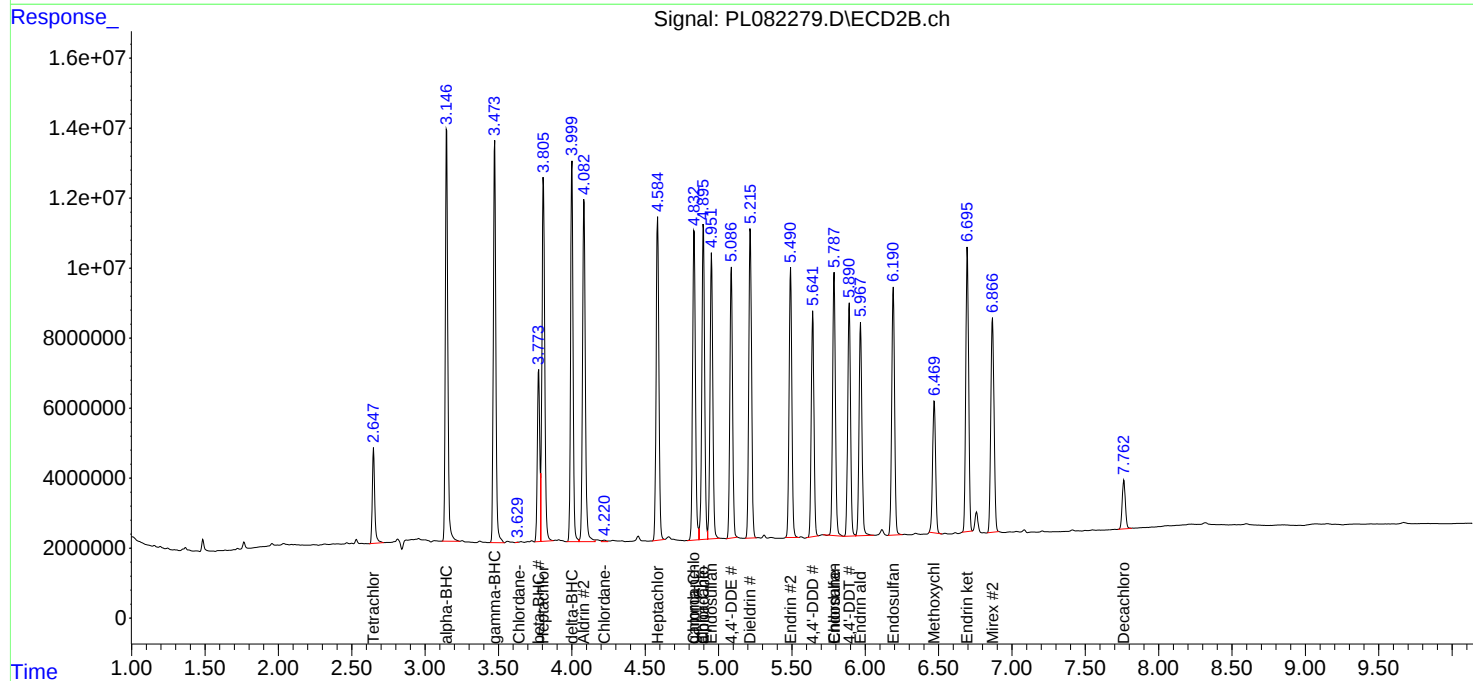
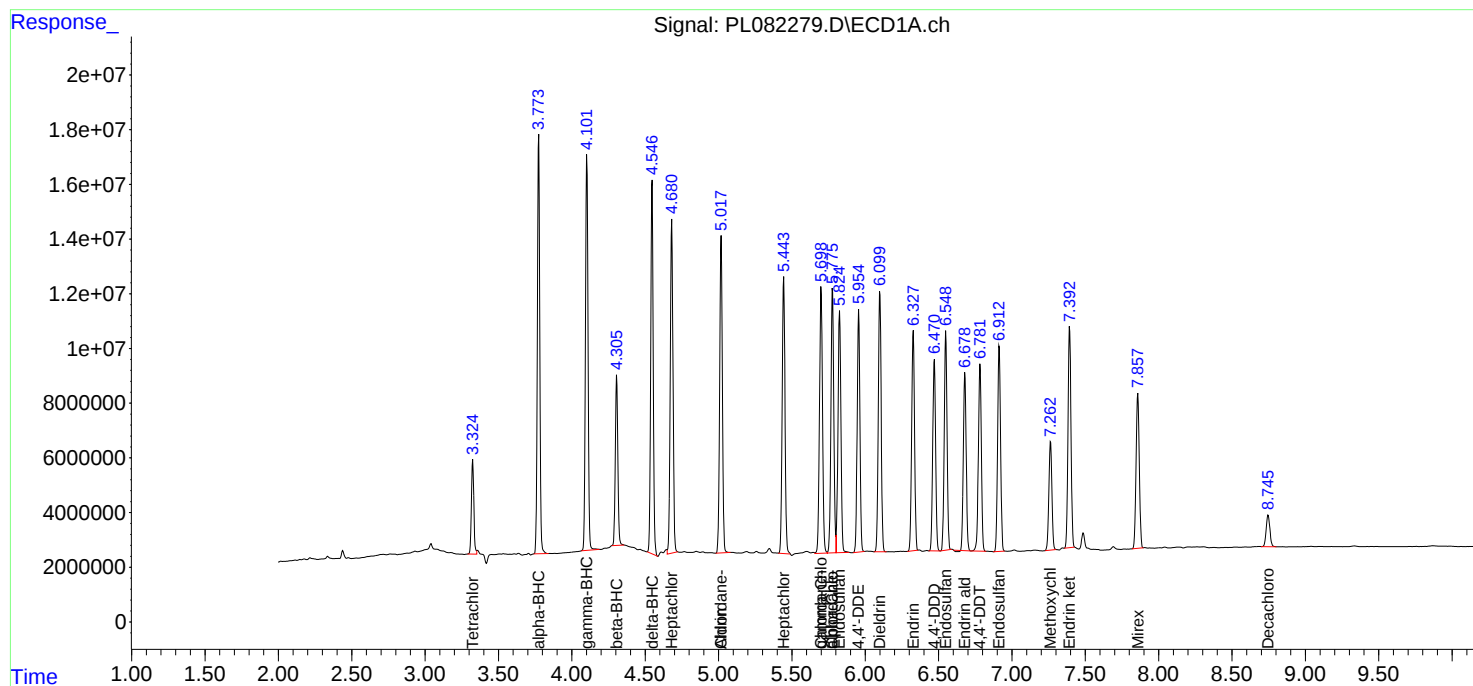
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

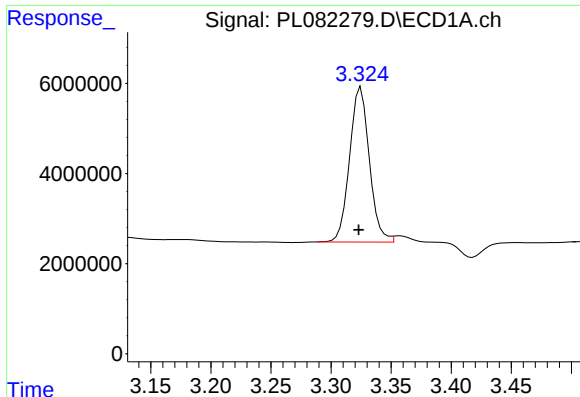
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

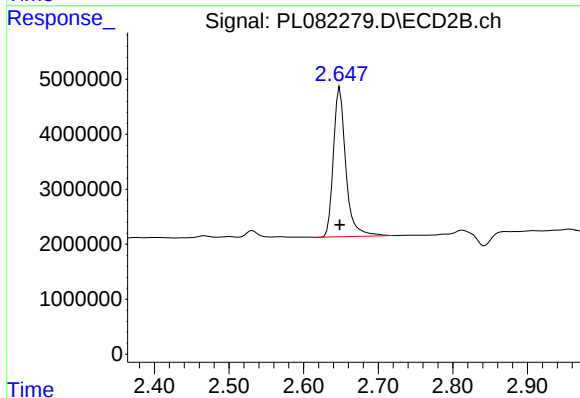




#1 Tetrachloro-m-xylene

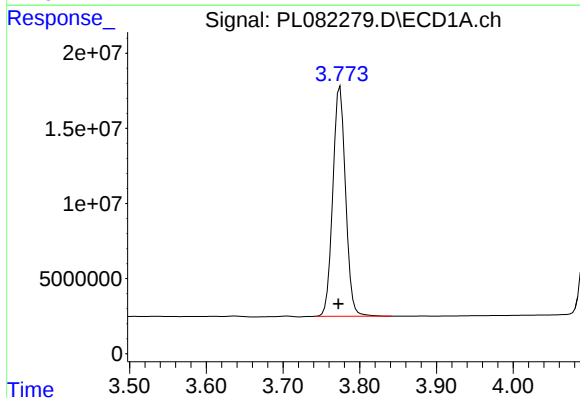
R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 39391303
Conc: 14.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



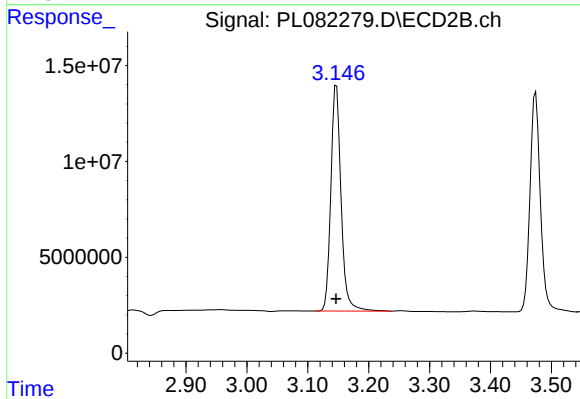
#1 Tetrachloro-m-xylene

R.T.: 2.649 min
Delta R.T.: 0.000 min
Response: 31441992
Conc: 13.57 ng/ml



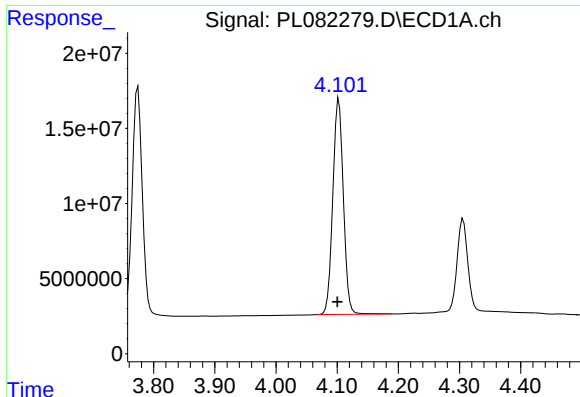
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 176537057
Conc: 44.35 ng/ml



#2 alpha-BHC

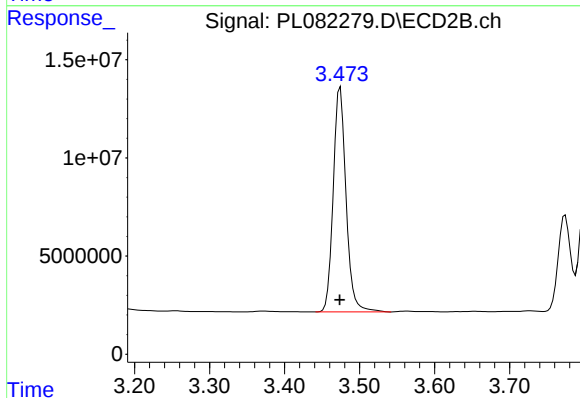
R.T.: 3.147 min
Delta R.T.: 0.000 min
Response: 137533660
Conc: 40.41 ng/ml



#3 gamma-BHC (Lindane)

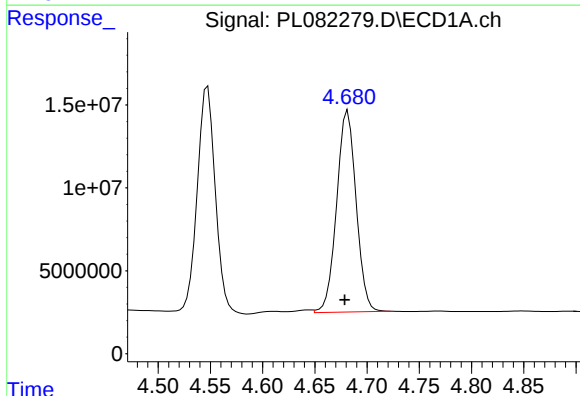
R.T.: 4.103 min
Delta R.T.: 0.002 min
Response: 172269219
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



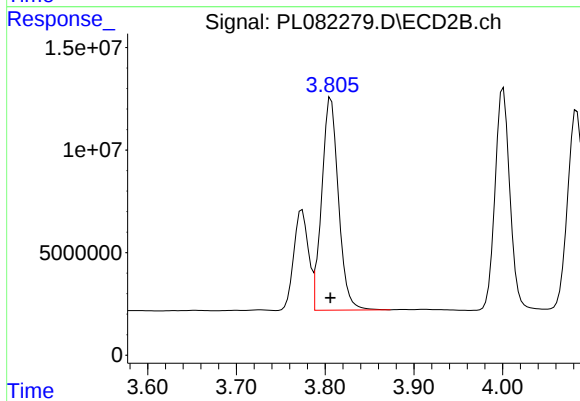
#3 gamma-BHC (Lindane)

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 136072364
Conc: 42.32 ng/ml



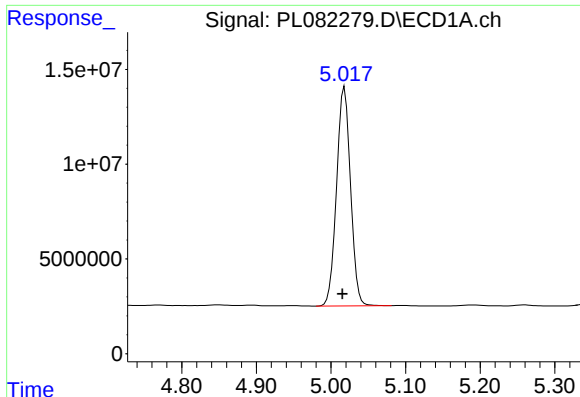
#4 Heptachlor

R.T.: 4.682 min
Delta R.T.: 0.003 min
Response: 157286509
Conc: 43.05 ng/ml



#4 Heptachlor

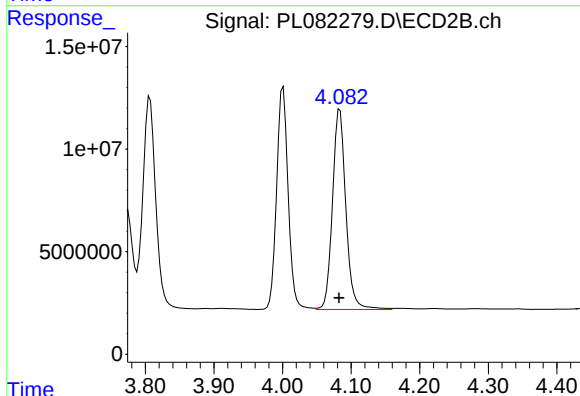
R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 135693053
Conc: 39.64 ng/ml



#5 Aldrin

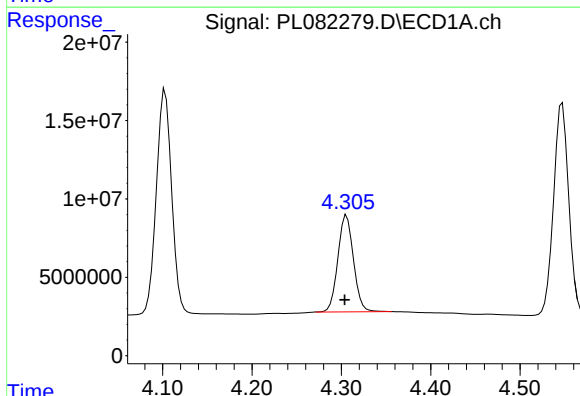
R.T.: 5.018 min
Delta R.T.: 0.003 min
Response: 150104034
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



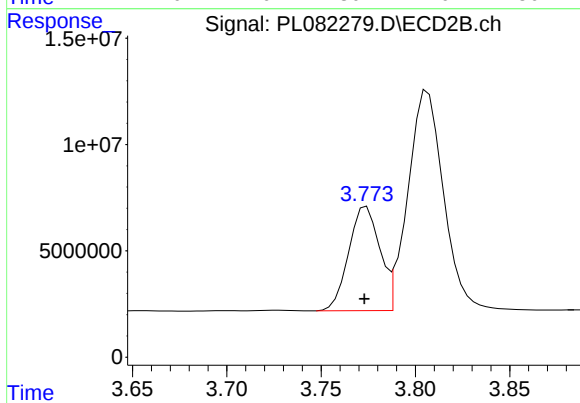
#5 Aldrin

R.T.: 4.083 min
Delta R.T.: 0.001 min
Response: 132345361
Conc: 42.02 ng/ml



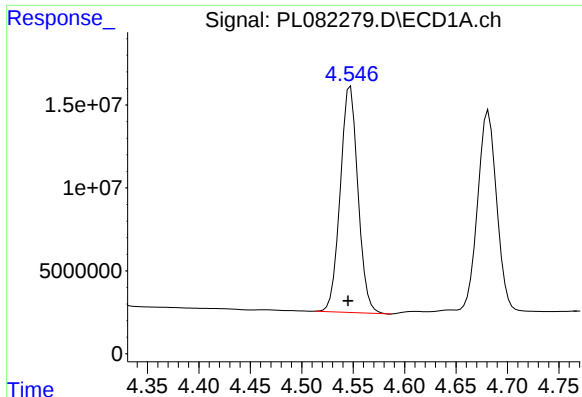
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: 0.002 min
Response: 74955712
Conc: 43.95 ng/ml



#6 beta-BHC

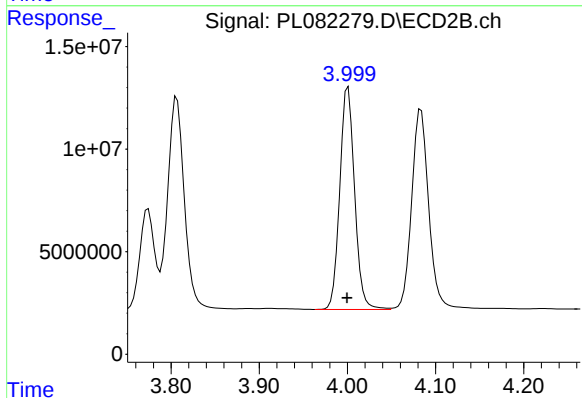
R.T.: 3.774 min
Delta R.T.: 0.001 min
Response: 56128471
Conc: 41.14 ng/ml



#7 delta-BHC

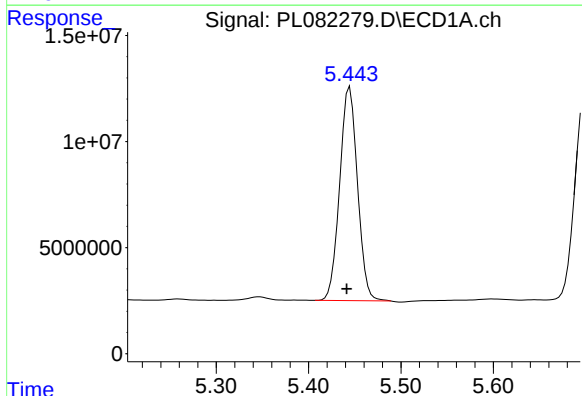
R.T.: 4.547 min
Delta R.T.: 0.002 min
Response: 162985376
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



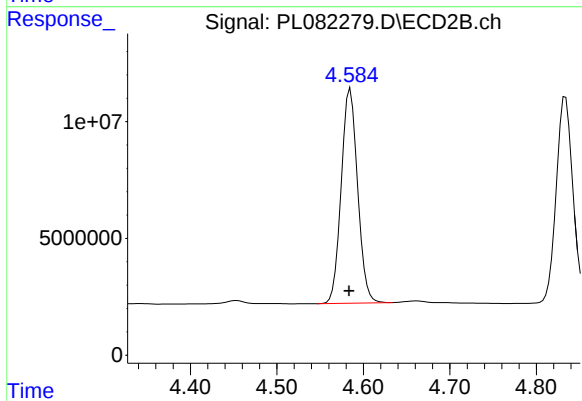
#7 delta-BHC

R.T.: 4.001 min
Delta R.T.: 0.001 min
Response: 126539404
Conc: 41.25 ng/ml



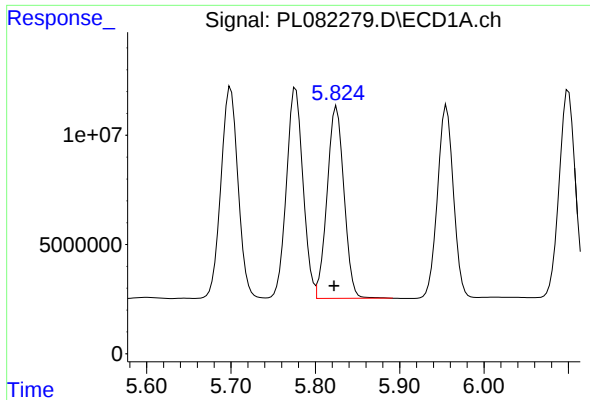
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: 0.003 min
Response: 134975843
Conc: 44.25 ng/ml



#8 Heptachlor epoxide

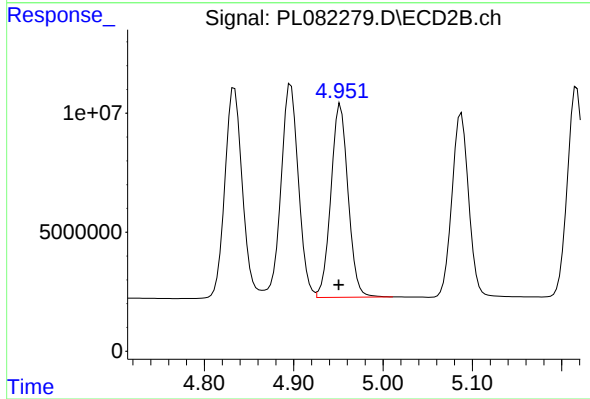
R.T.: 4.585 min
Delta R.T.: 0.001 min
Response: 120133162
Conc: 41.70 ng/ml



#9 Endosulfan I

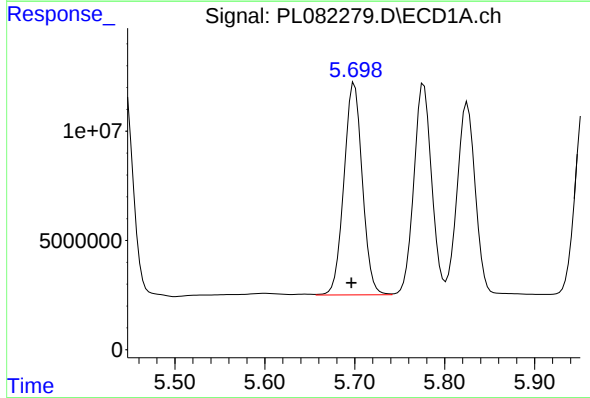
R.T.: 5.825 min
Delta R.T.: 0.003 min
Response: 122730718
Conc: 44.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



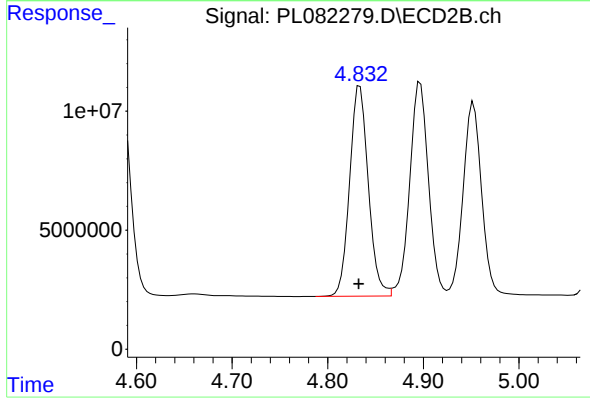
#9 Endosulfan I

R.T.: 4.952 min
Delta R.T.: 0.002 min
Response: 108619239
Conc: 40.69 ng/ml



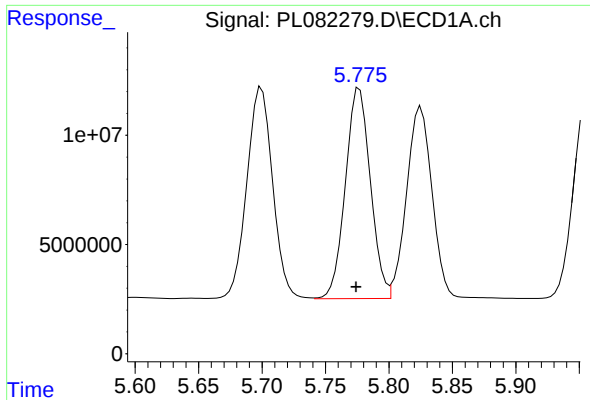
#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: 0.004 min
Response: 137568890
Conc: 45.75 ng/ml



#10 gamma-Chlordane

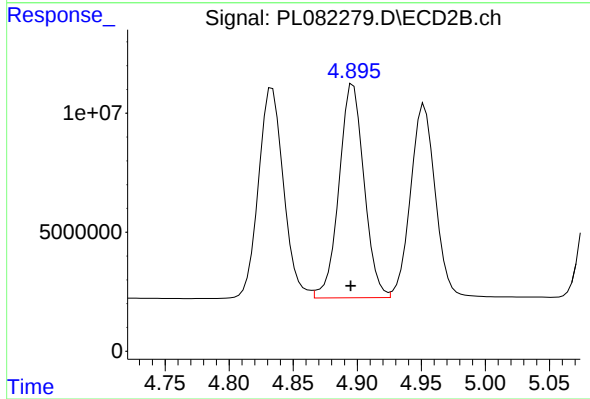
R.T.: 4.834 min
Delta R.T.: 0.001 min
Response: 120391941
Conc: 41.49 ng/ml



#11 alpha-Chlordane

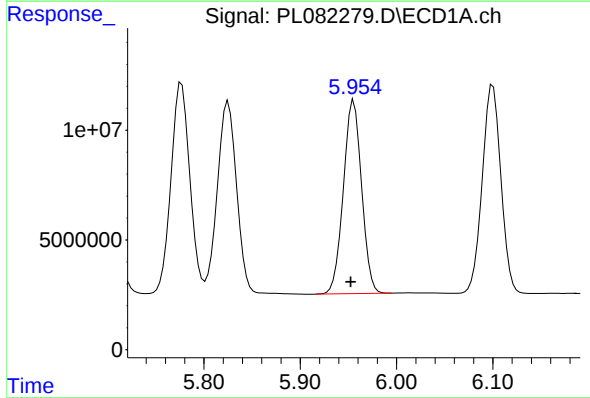
R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 132196963
Conc: 44.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



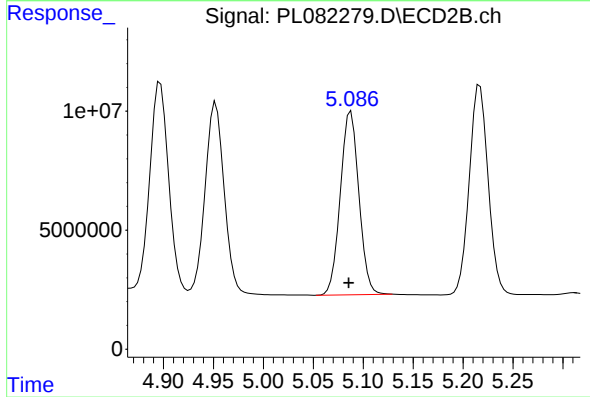
#11 alpha-Chlordane

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 121885080
Conc: 41.99 ng/ml



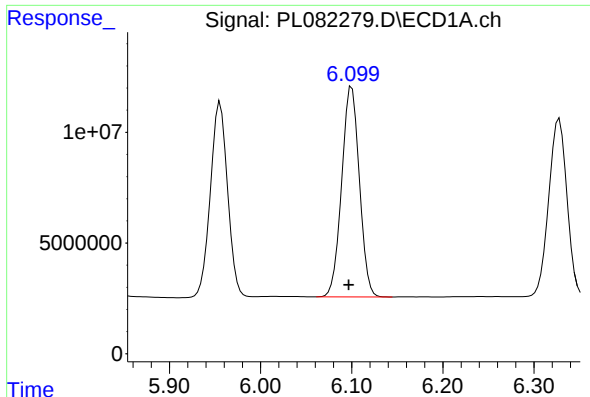
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 115353661
Conc: 45.38 ng/ml



#12 4,4'-DDE

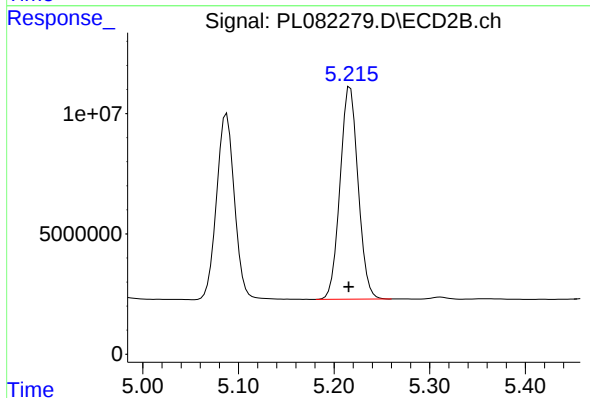
R.T.: 5.088 min
Delta R.T.: 0.002 min
Response: 99790850
Conc: 43.41 ng/ml



#13 Dieldrin

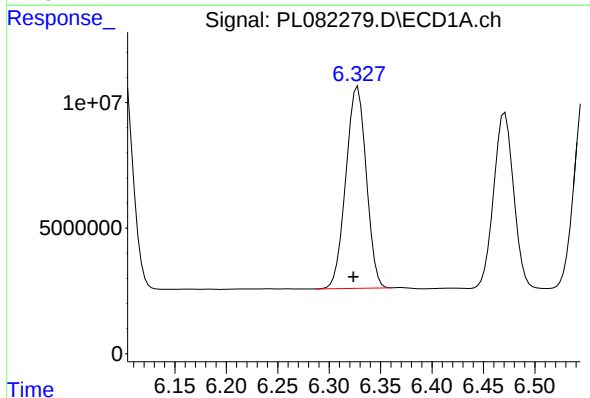
R.T.: 6.100 min
Delta R.T.: 0.004 min
Response: 128145391
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



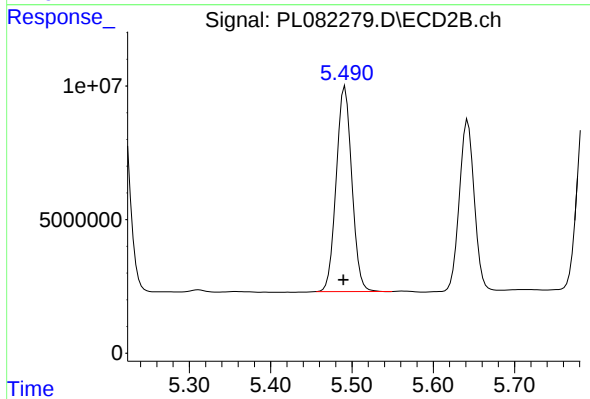
#13 Dieldrin

R.T.: 5.217 min
Delta R.T.: 0.002 min
Response: 116055183
Conc: 42.98 ng/ml



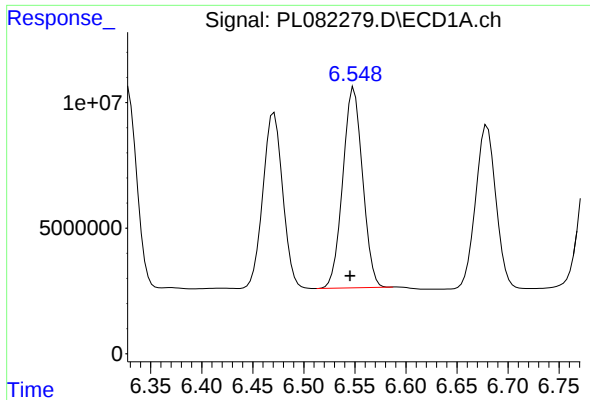
#14 Endrin

R.T.: 6.328 min
Delta R.T.: 0.004 min
Response: 110959613
Conc: 45.76 ng/ml



#14 Endrin

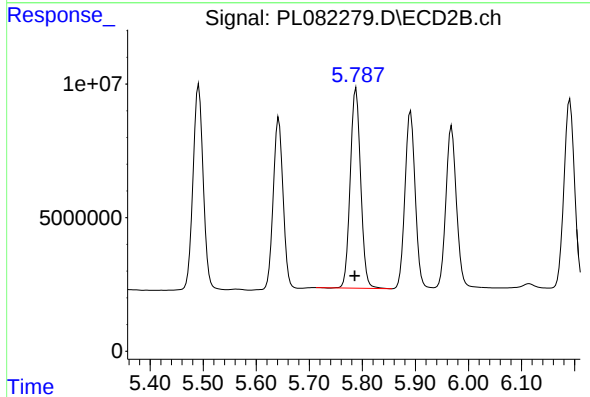
R.T.: 5.492 min
Delta R.T.: 0.002 min
Response: 102397287
Conc: 41.86 ng/ml



#15 Endosulfan II

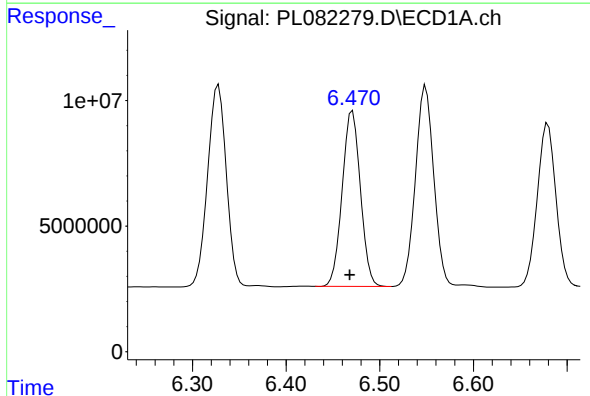
R.T.: 6.549 min
Delta R.T.: 0.004 min
Response: 107407036
Conc: 44.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



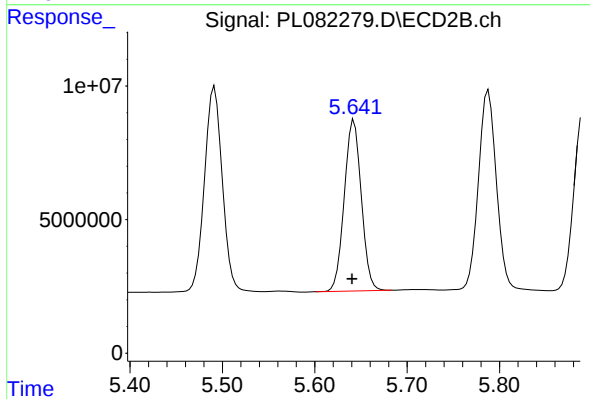
#15 Endosulfan II

R.T.: 5.788 min
Delta R.T.: 0.002 min
Response: 101458758
Conc: 45.01 ng/ml



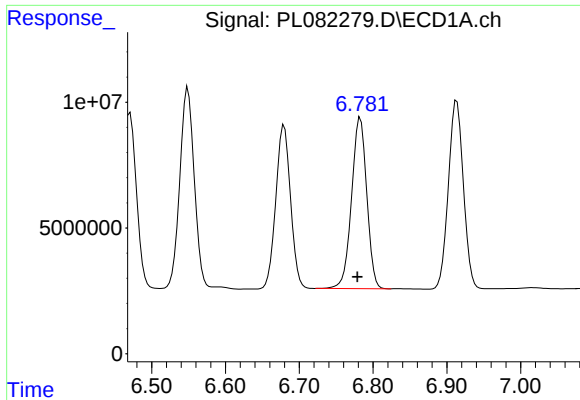
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 94570225
Conc: 46.65 ng/ml



#16 4,4'-DDD

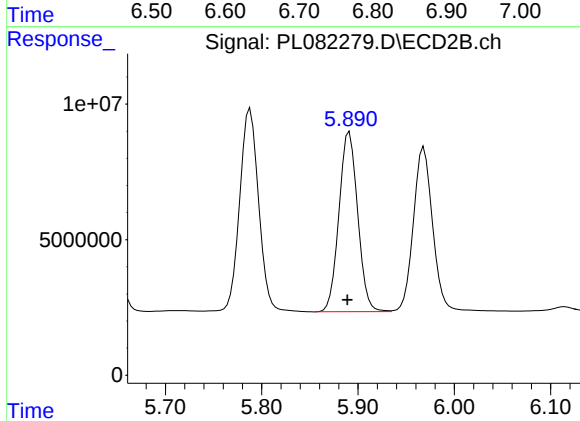
R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 81897645
Conc: 43.79 ng/ml



#17 4,4'-DDT

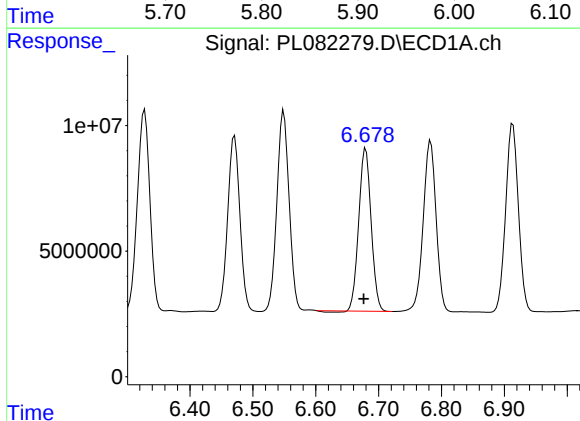
R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 97382396
Conc: 42.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



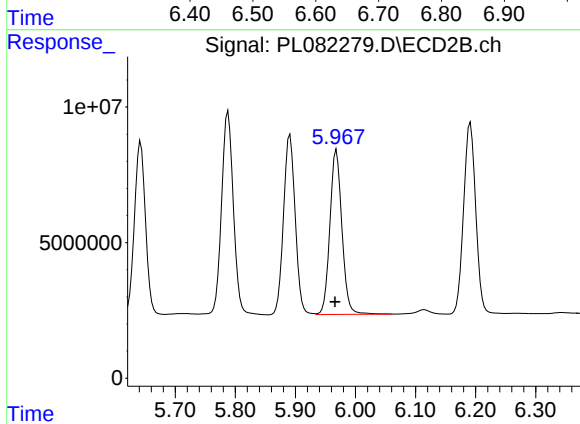
#17 4,4'-DDT

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 89453866
Conc: 42.34 ng/ml



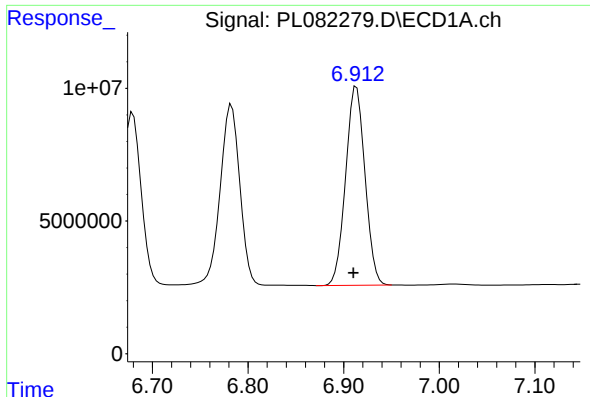
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 88455225
Conc: 46.95 ng/ml



#18 Endrin aldehyde

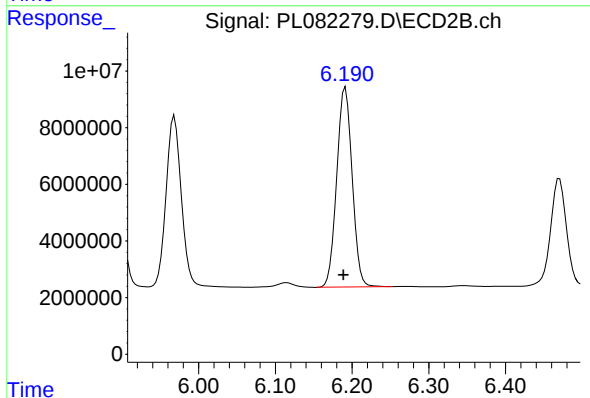
R.T.: 5.968 min
Delta R.T.: 0.002 min
Response: 84405376
Conc: 45.10 ng/ml



#19 Endosulfan Sulfate

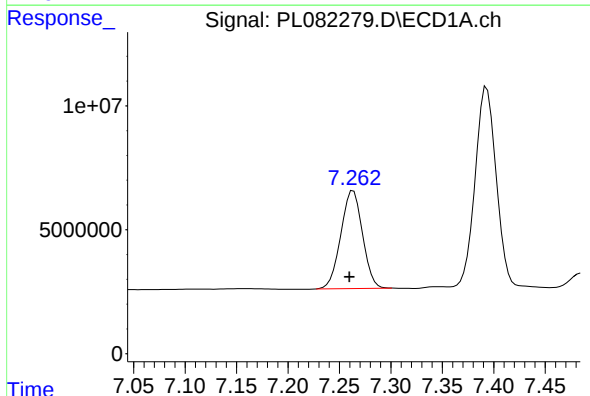
R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 105827643
Conc: 44.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



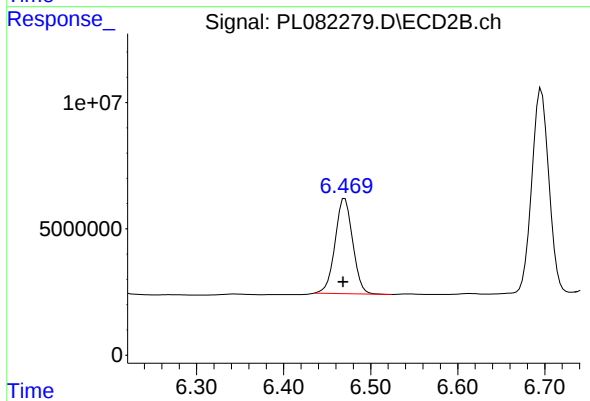
#19 Endosulfan Sulfate

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 98623027
Conc: 41.89 ng/ml



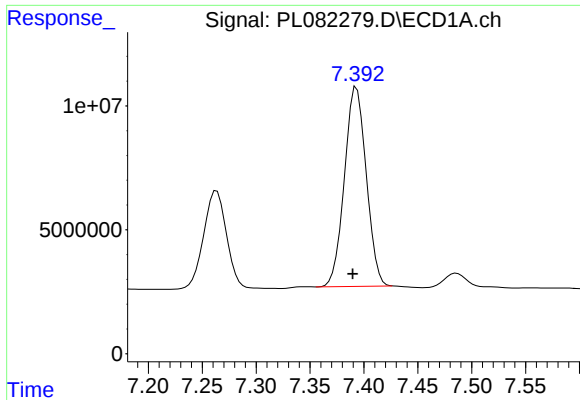
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.004 min
Response: 58087871
Conc: 47.60 ng/ml



#20 Methoxychlor

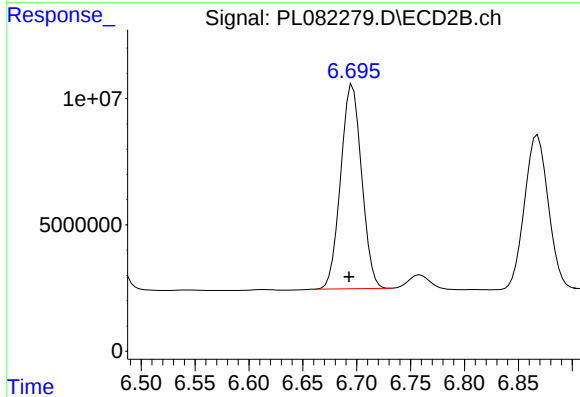
R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 53097719
Conc: 43.82 ng/ml



#21 Endrin ketone

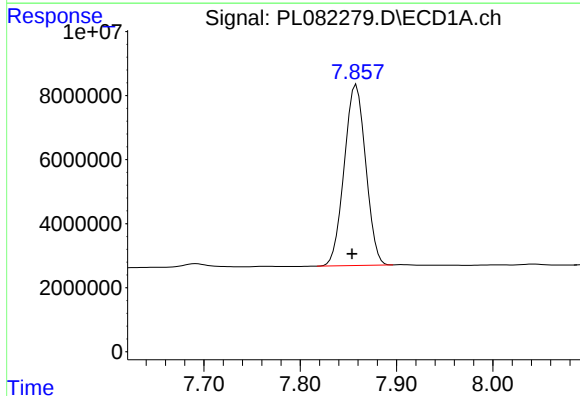
R.T.: 7.393 min
Delta R.T.: 0.004 min
Response: 113523913
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



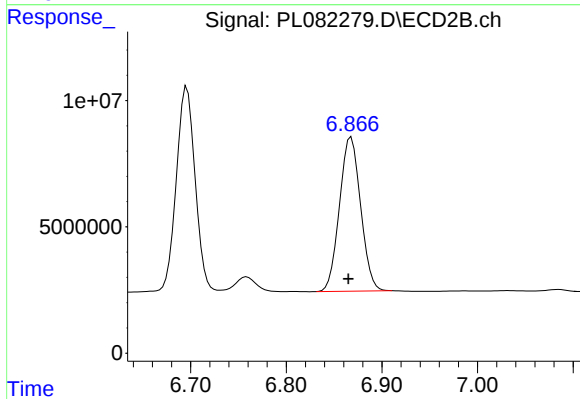
#21 Endrin ketone

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 109583501
Conc: 43.17 ng/ml



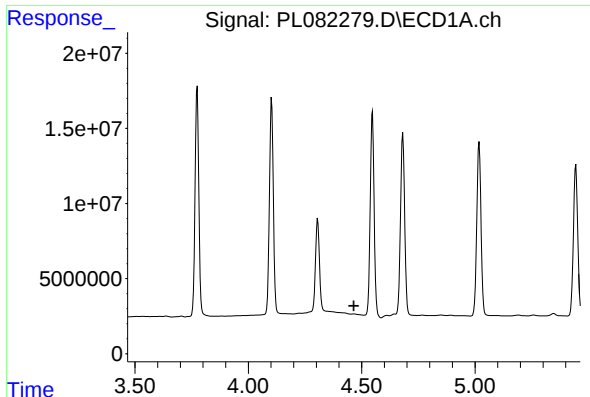
#22 Mirex

R.T.: 7.858 min
Delta R.T.: 0.005 min
Response: 87271581
Conc: 44.61 ng/ml



#22 Mirex

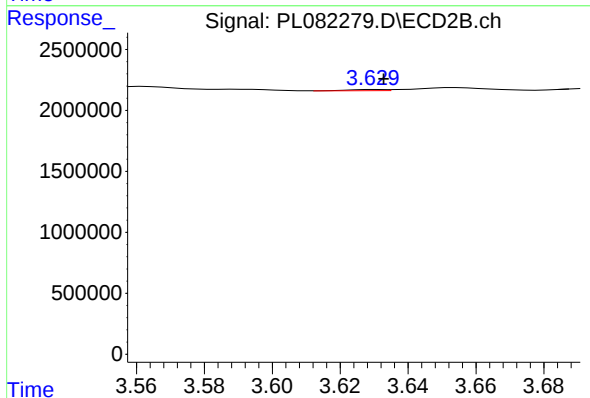
R.T.: 6.868 min
Delta R.T.: 0.003 min
Response: 93981805
Conc: 40.79 ng/ml



#23 Chlordane-1

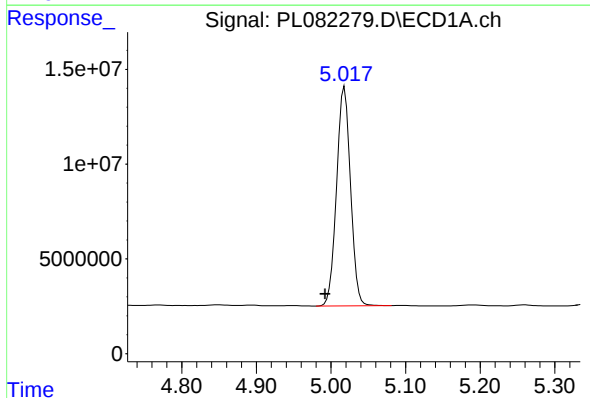
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



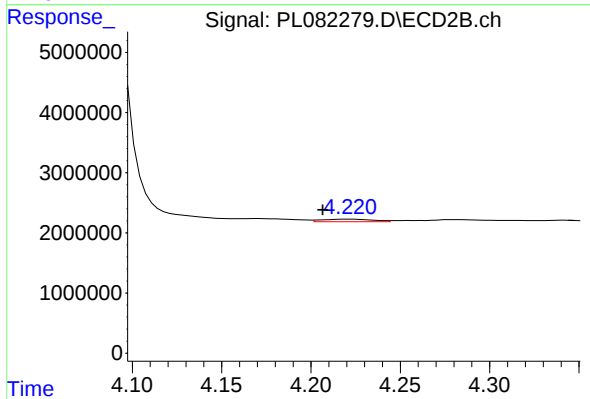
#23 Chlordane-1

R.T.: 3.631 min
Delta R.T.: -0.001 min
Response: 70617
Conc: 0.80 ng/ml



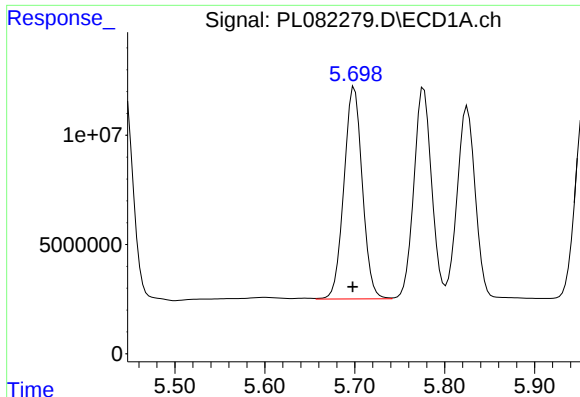
#24 Chlordane-2

R.T.: 5.018 min
Delta R.T.: 0.026 min
Response: 150104034
Conc: 1260.82 ng/ml



#24 Chlordane-2

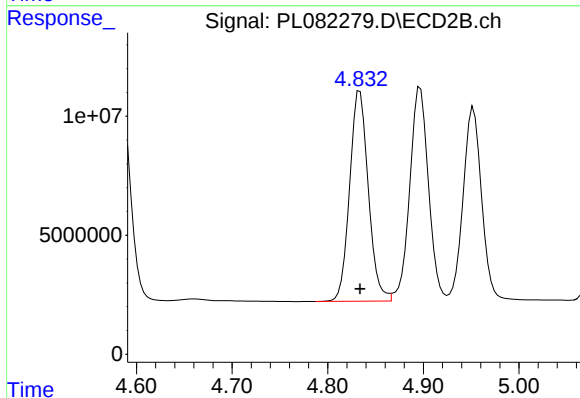
R.T.: 4.222 min
Delta R.T.: 0.015 min
Response: 833204
Conc: 7.43 ng/ml



#25 Chlordane-3

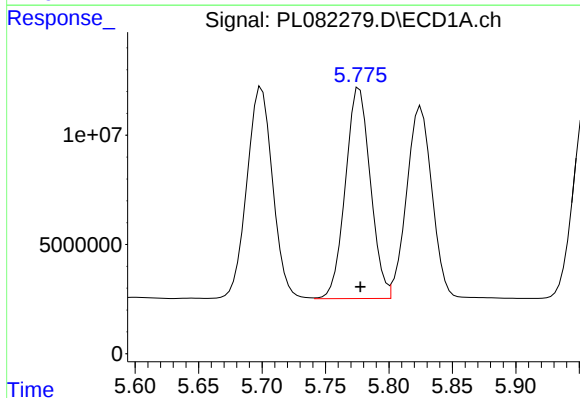
R.T.: 5.700 min
Delta R.T.: 0.002 min
Response: 137568890
Conc: 318.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



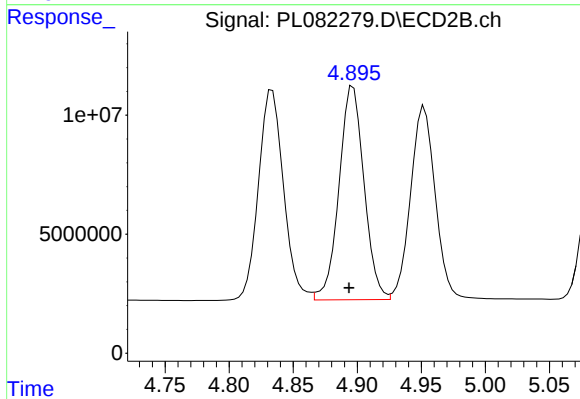
#25 Chlordane-3

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 120391941
Conc: 423.75 ng/ml



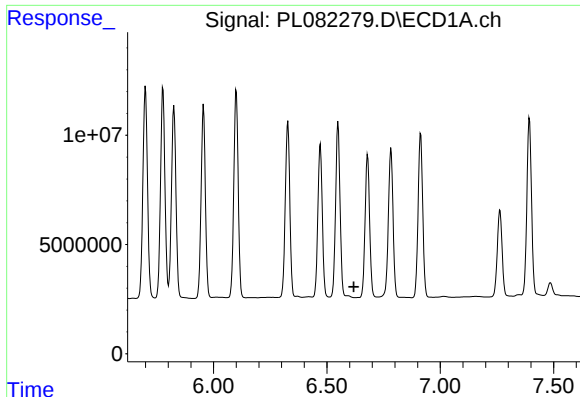
#26 Chlordane-4

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 132196963
Conc: 254.27 ng/ml



#26 Chlordane-4

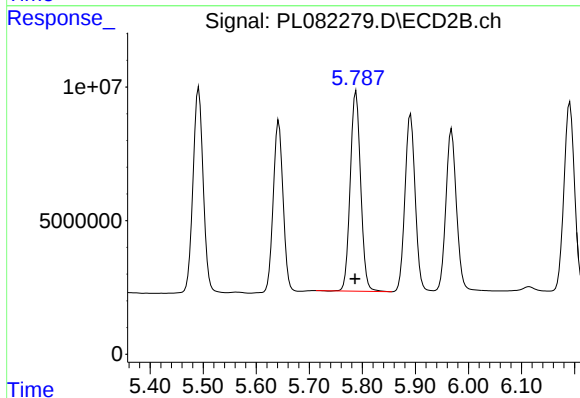
R.T.: 4.897 min
Delta R.T.: 0.003 min
Response: 121885080
Conc: 408.45 ng/ml



#27 Chlordane-5

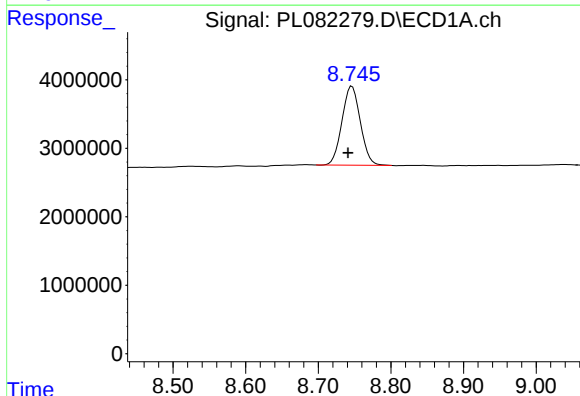
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



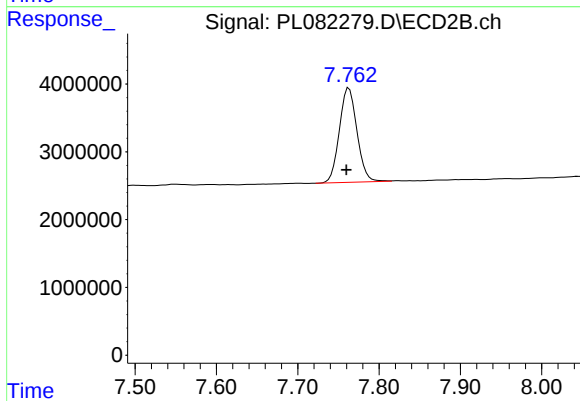
#27 Chlordane-5

R.T.: 5.788 min
Delta R.T.: 0.002 min
Response: 101458758
Conc: 1027.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: 0.005 min
Response: 20304225
Conc: 10.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.763 min
Delta R.T.: 0.003 min
Response: 20915430
Conc: 9.16 ng/ml