

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082019\
 Data File : PL051638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2019 12:34
 Operator : SG\AJ
 Sample : K4386-11MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 17:45:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 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...	3.315	3.926	184.1E6	46763214	21.512	21.404
28)	SA Decachlor...	7.973	8.953	170.2E6	40988121	14.023	13.466
Target Compounds							
2)	A alpha-BHC	3.742	4.314	739.0E6	185.5E6	50.999	57.579
3)	MA gamma-BHC...	4.017	4.597	678.5E6	190.4E6	51.568	60.484
4)	MA Heptachlor	4.301	5.098	674.9E6	167.9E6	44.583	47.890
5)	MB Aldrin	4.538	5.400	611.0E6	154.4E6	42.282	47.083
6)	B beta-BHC	4.272	4.774	269.9E6	79467722	47.261	54.526
7)	B delta-BHC	4.464	4.988	522.8E6	126.8E6	35.158	40.522
8)	B Heptachlo...	4.974	5.787	564.4E6	146.1E6	40.354	43.291
9)	A Endosulfan I	5.304	6.141	465.4E6	135.8E6	34.621	41.988
10)	B gamma-Chl...	5.197	6.020	624.0E6	157.2E6	41.787	43.051
11)	B alpha-Chl...	5.252	6.092	561.7E6	156.1E6	38.818	45.229
12)	B 4,4'-DDE	5.420	6.252	581.3E6	137.9E6	42.473	39.180
13)	MA Dieldrin	5.543	6.398	687.4E6	154.5E6	45.211	45.114
14)	MA Endrin	5.796	6.615	557.8E6	128.9E6	38.239	42.617
15)	B Endosulfa...	6.071	6.827	536.7E6	143.1E6	38.573	43.421
16)	A 4,4'-DDD	5.930	6.743	443.2E6	139.7E6	36.196	51.605 #
17)	MA 4,4'-DDT	6.163	7.040	583.5E6	94876756	45.761	32.407 #
18)	B Endrin al...	6.238	6.952	438.3E6	97866735	37.678	34.628
19)	B Endosulfa...	6.448	7.174	642.8E6	125.7E6	49.414	40.691
20)	A Methoxychlor	6.705	7.500	217.6E6	58126264	32.098	34.657
21)	B Endrin ke...	6.930	7.642	544.8E6	138.0E6	38.513	43.116
22)	Mirex	7.103	8.090	313.3E6	87812814	29.594	36.096
23)	Chlordane-1	4.163	0.000	14523454	0	45.080	N.D. #
24)	Chlordane-2	4.674f	5.400f	21510768	154.4E6	52.630	1538.089 #
25)	Chlordane-3	5.197	6.020	624.0E6	157.2E6	480.588	352.790 #
26)	Chlordane-4	5.252	6.092	561.7E6	156.1E6	460.688	287.390 #
27)	Chlordane-5	6.071	6.886	536.7E6	1545174	1093.717	15.674 #

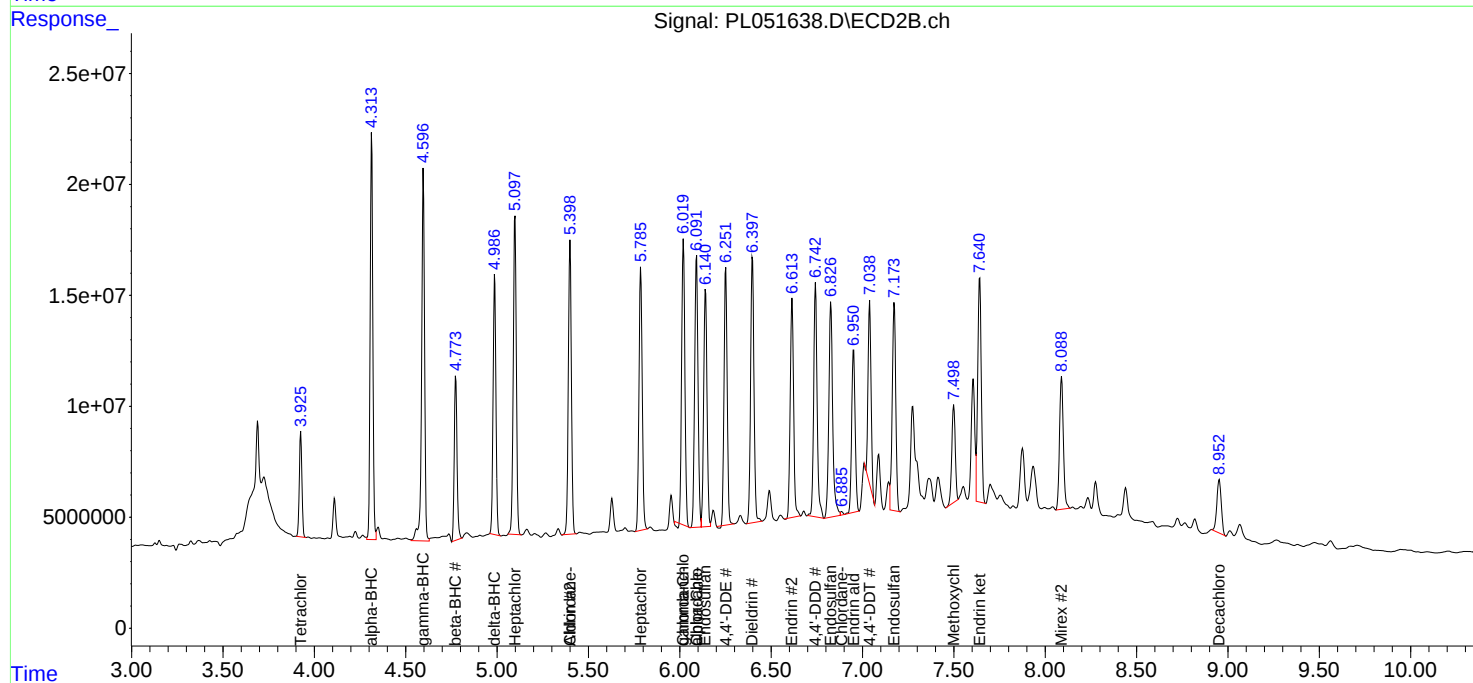
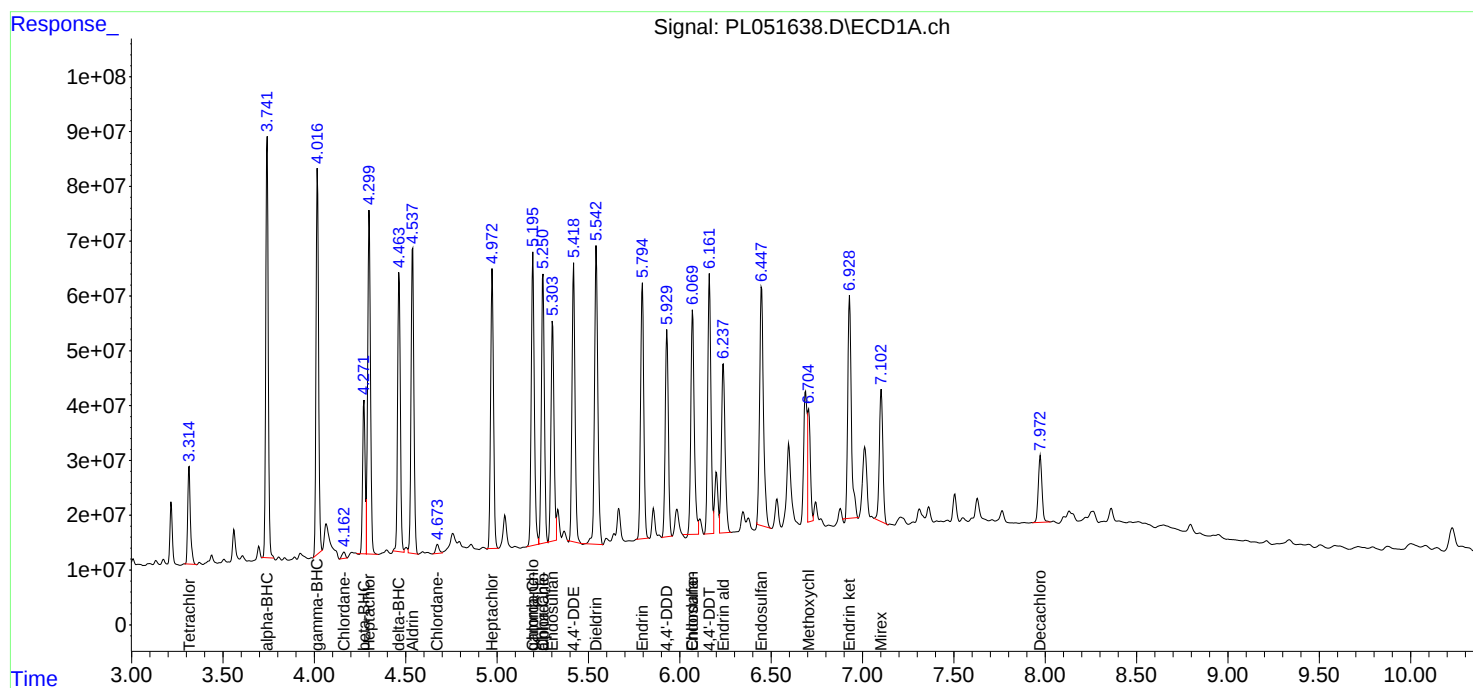
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

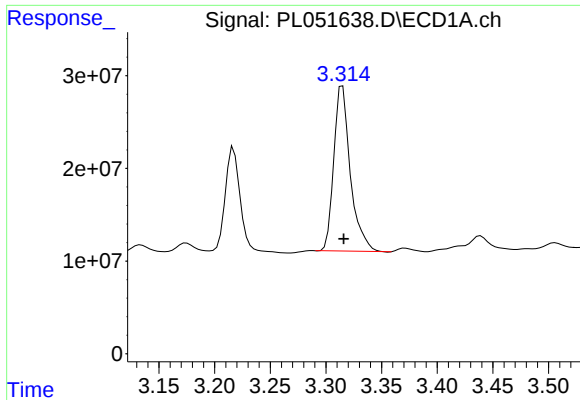
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082019\
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Acq On : 20 Aug 2019 12:34
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #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

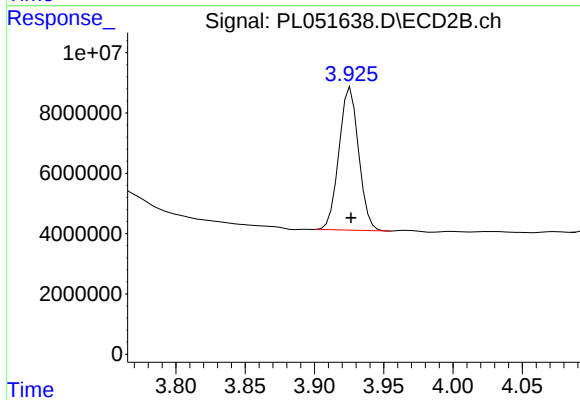




#1 Tetrachloro-m-xylene

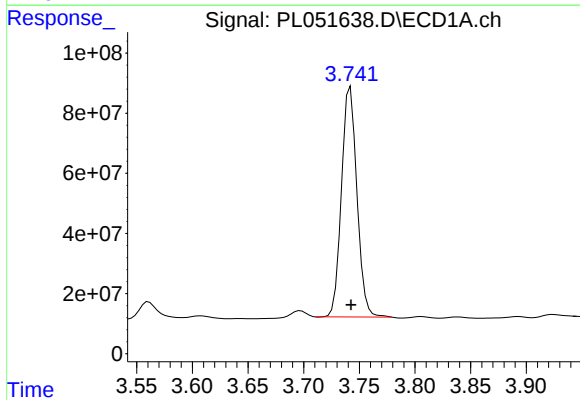
R.T.: 3.315 min
Delta R.T.: -0.001 min
Response: 184110001
Conc: 21.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



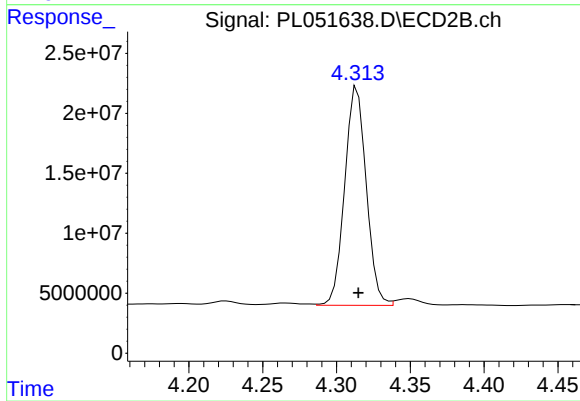
#1 Tetrachloro-m-xylene

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 46763214
Conc: 21.40 ng/ml



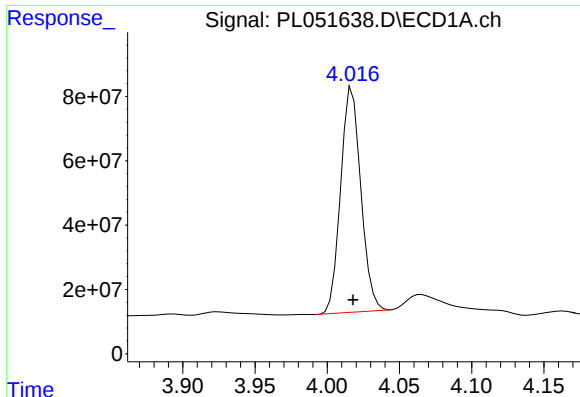
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 738955449
Conc: 51.00 ng/ml



#2 alpha-BHC

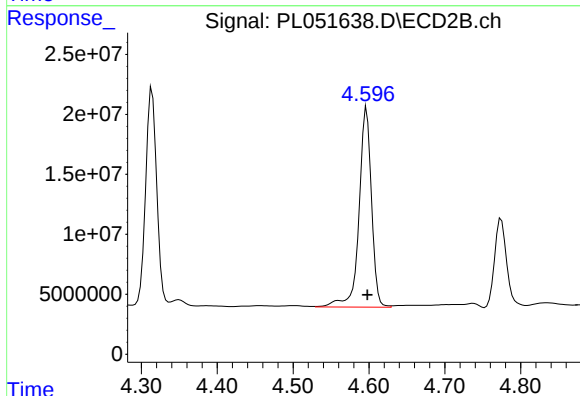
R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 185541707
Conc: 57.58 ng/ml



#3 gamma-BHC (Lindane)

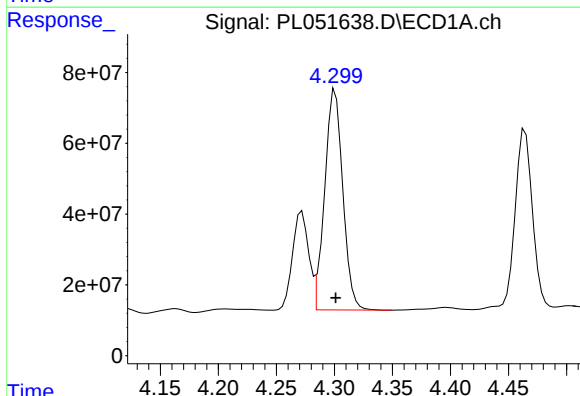
R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 678457728
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



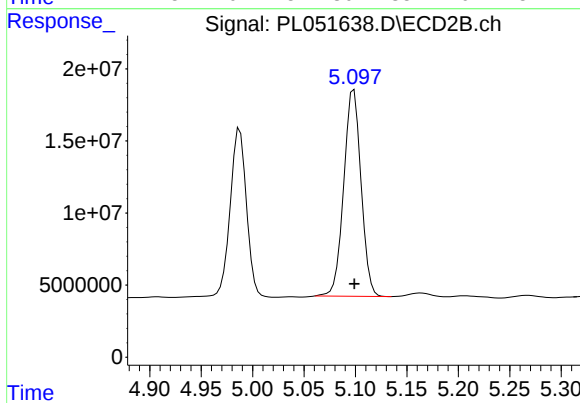
#3 gamma-BHC (Lindane)

R.T.: 4.597 min
Delta R.T.: -0.001 min
Response: 190422244
Conc: 60.48 ng/ml



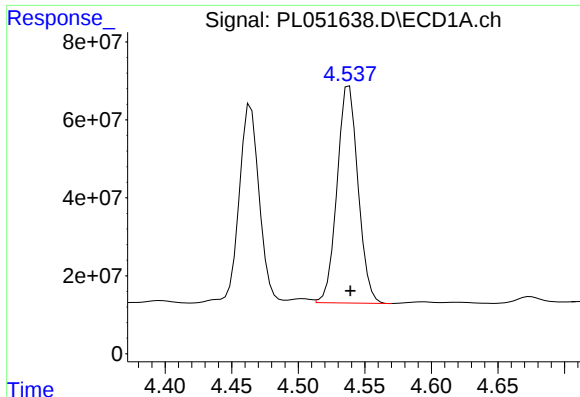
#4 Heptachlor

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 674933631
Conc: 44.58 ng/ml



#4 Heptachlor

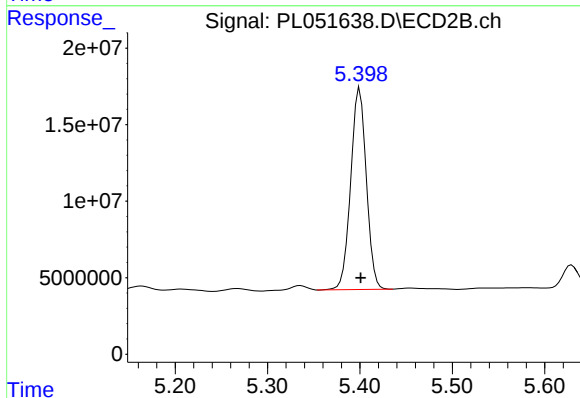
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 167946392
Conc: 47.89 ng/ml



#5 Aldrin

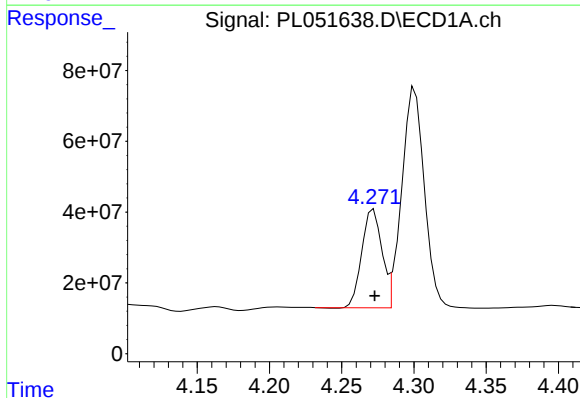
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 611003850
Conc: 42.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



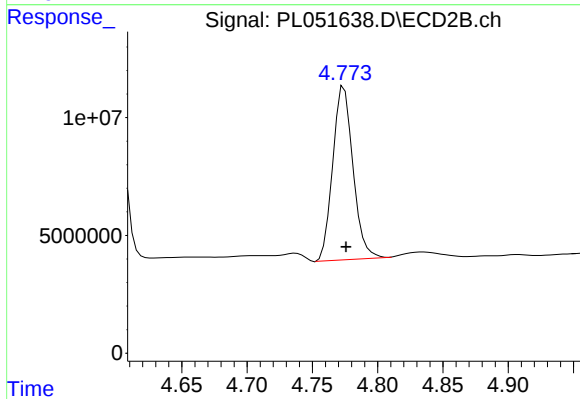
#5 Aldrin

R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 154378962
Conc: 47.08 ng/ml



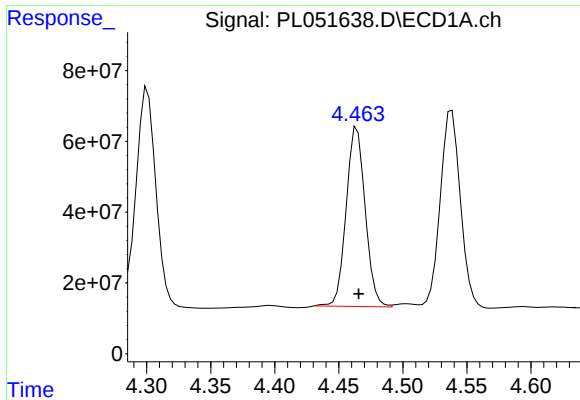
#6 beta-BHC

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 269866228
Conc: 47.26 ng/ml



#6 beta-BHC

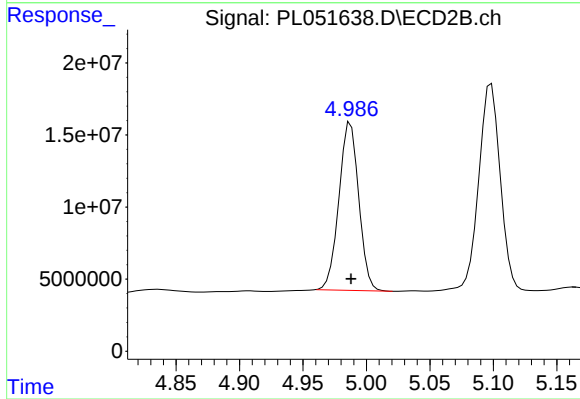
R.T.: 4.774 min
Delta R.T.: -0.001 min
Response: 79467722
Conc: 54.53 ng/ml



#7 delta-BHC

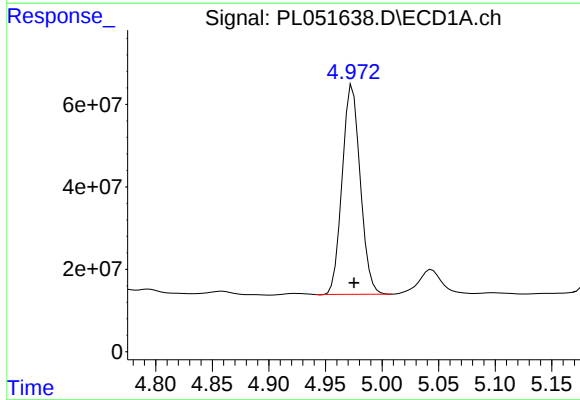
R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 522764421
Conc: 35.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



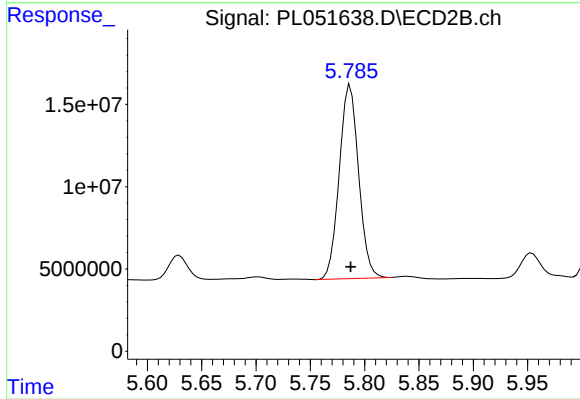
#7 delta-BHC

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 126823894
Conc: 40.52 ng/ml



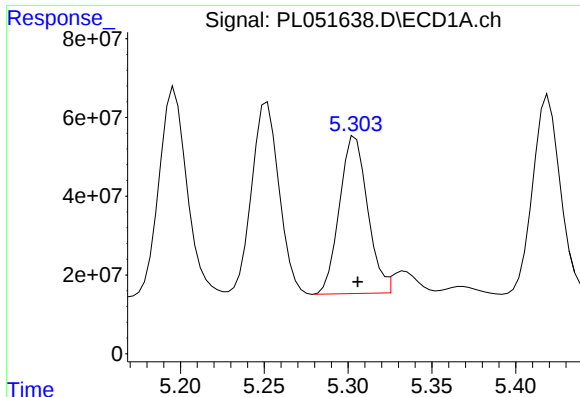
#8 Heptachlor epoxide

R.T.: 4.974 min
Delta R.T.: -0.001 min
Response: 564367272
Conc: 40.35 ng/ml



#8 Heptachlor epoxide

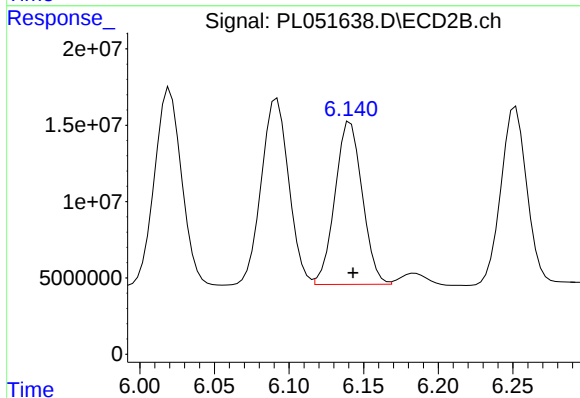
R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 146098997
Conc: 43.29 ng/ml



#9 Endosulfan I

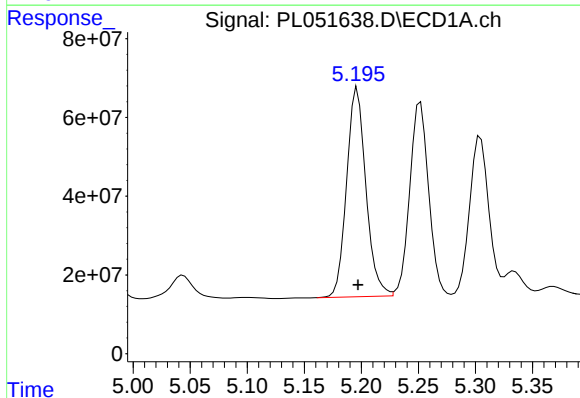
R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 465438960
Conc: 34.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



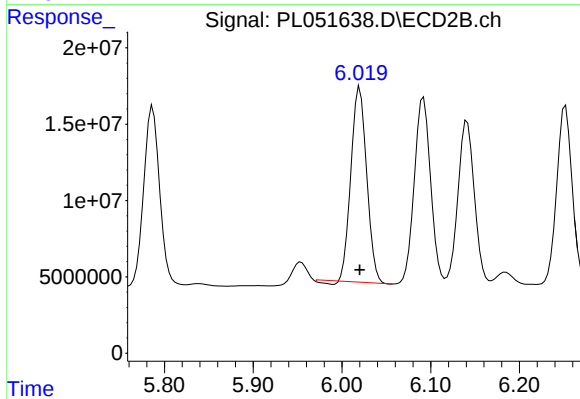
#9 Endosulfan I

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 135754187
Conc: 41.99 ng/ml



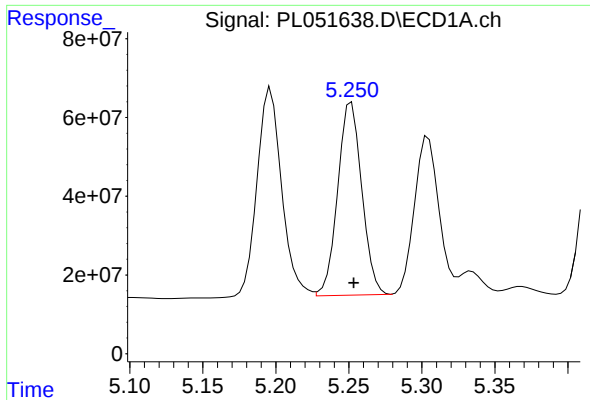
#10 gamma-Chlordane

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 623966487
Conc: 41.79 ng/ml



#10 gamma-Chlordane

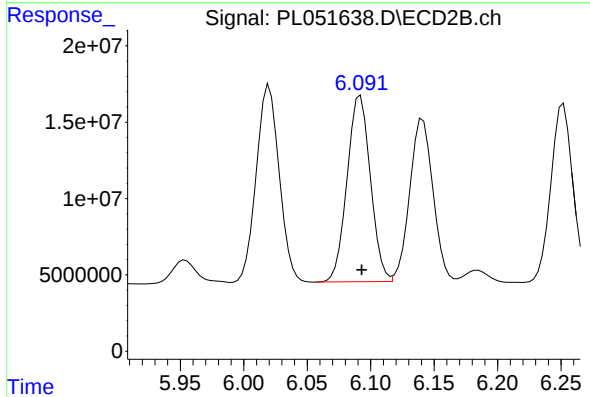
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 157181896
Conc: 43.05 ng/ml



#11 alpha-Chlordane

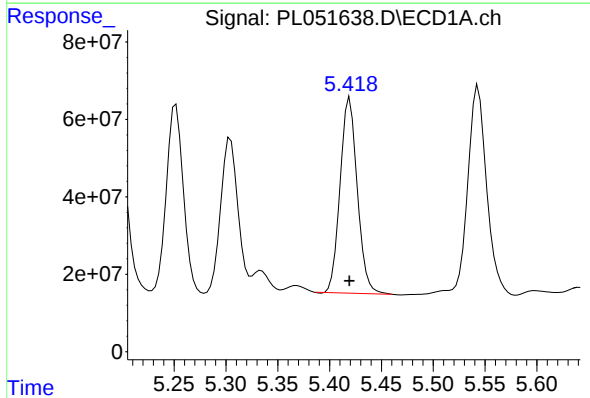
R.T.: 5.252 min
Delta R.T.: -0.002 min
Response: 561743252
Conc: 38.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



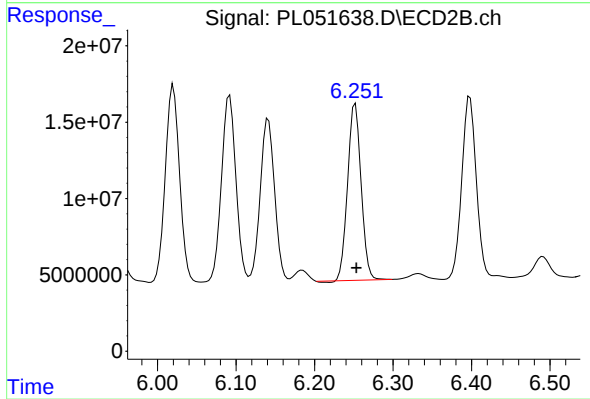
#11 alpha-Chlordane

R.T.: 6.092 min
Delta R.T.: -0.001 min
Response: 156085132
Conc: 45.23 ng/ml



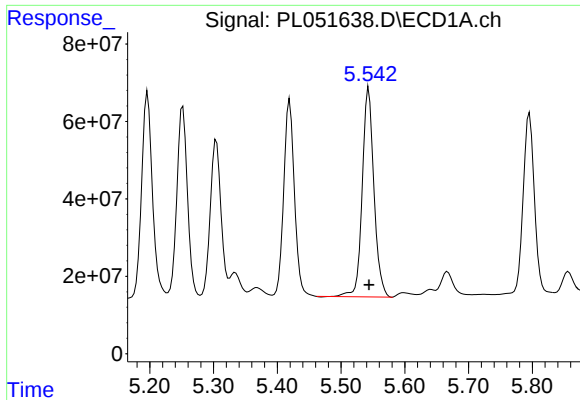
#12 4,4'-DDE

R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 581271688
Conc: 42.47 ng/ml



#12 4,4'-DDE

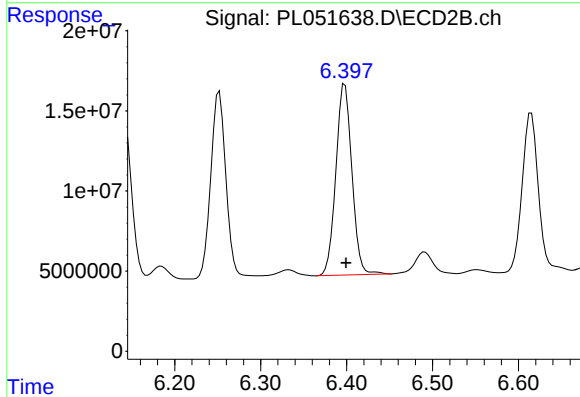
R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 137917668
Conc: 39.18 ng/ml



#13 Dieldrin

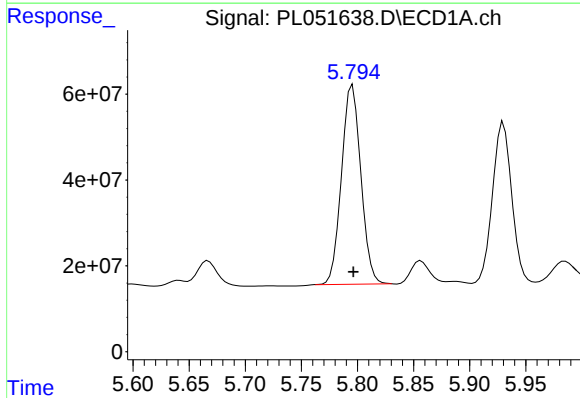
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 687420866
Conc: 45.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



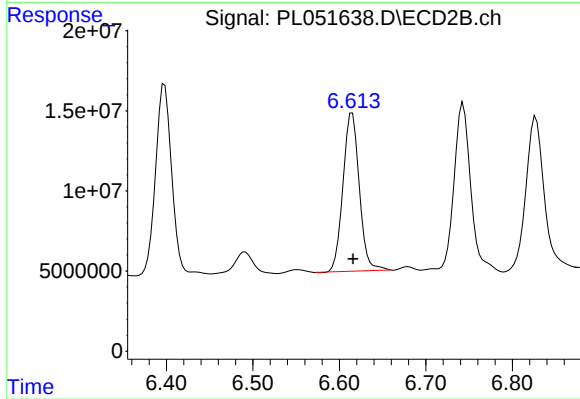
#13 Dieldrin

R.T.: 6.398 min
Delta R.T.: -0.001 min
Response: 154495317
Conc: 45.11 ng/ml



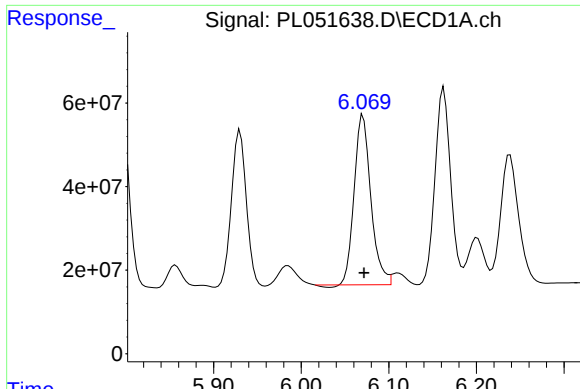
#14 Endrin

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 557751127
Conc: 38.24 ng/ml



#14 Endrin

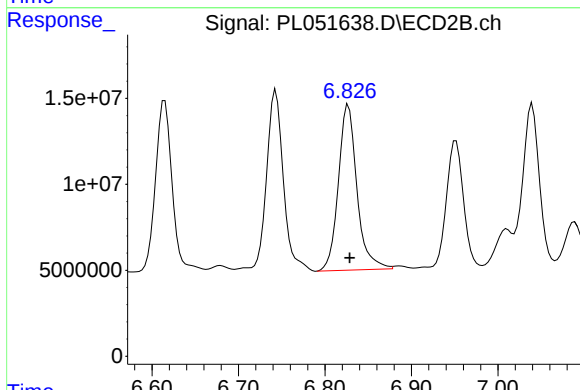
R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 128900380
Conc: 42.62 ng/ml



#15 Endosulfan II

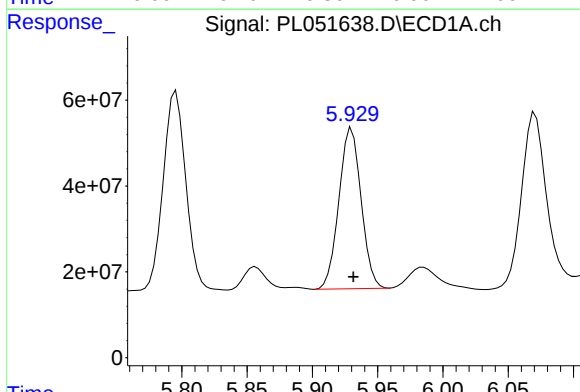
R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 536706025
Conc: 38.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



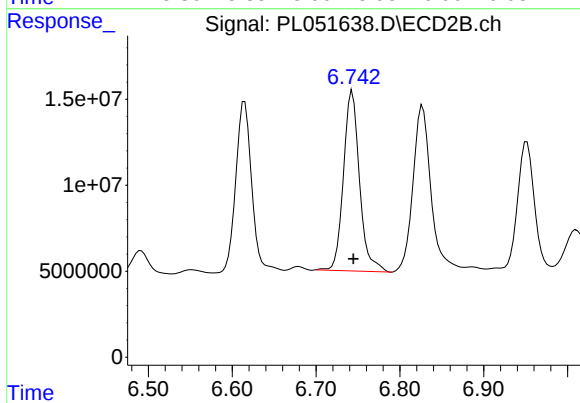
#15 Endosulfan II

R.T.: 6.827 min
Delta R.T.: -0.002 min
Response: 143116096
Conc: 43.42 ng/ml



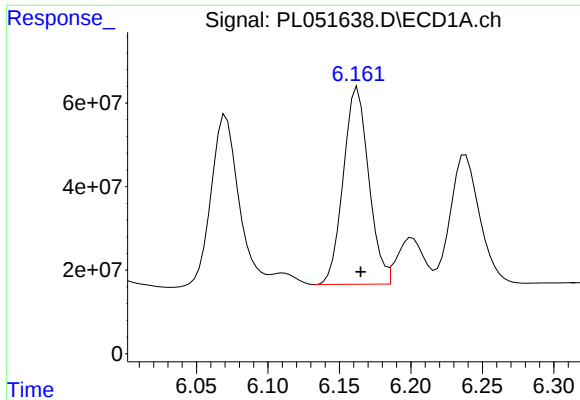
#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 443241239
Conc: 36.20 ng/ml



#16 4,4'-DDD

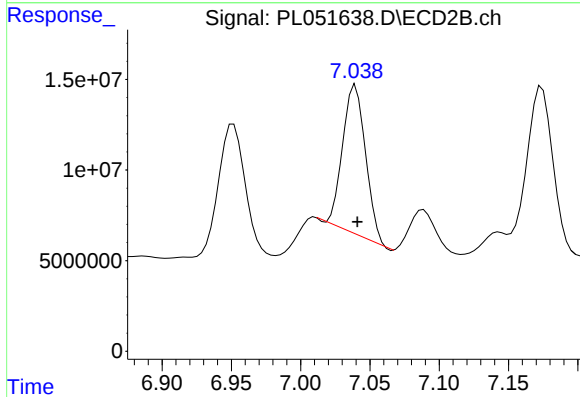
R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 139711507
Conc: 51.60 ng/ml



#17 4,4'-DDT

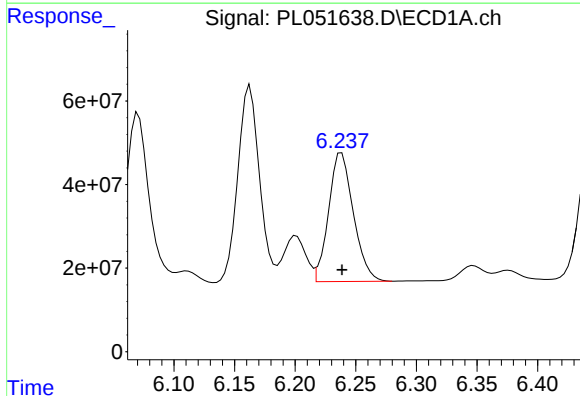
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 583518362
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



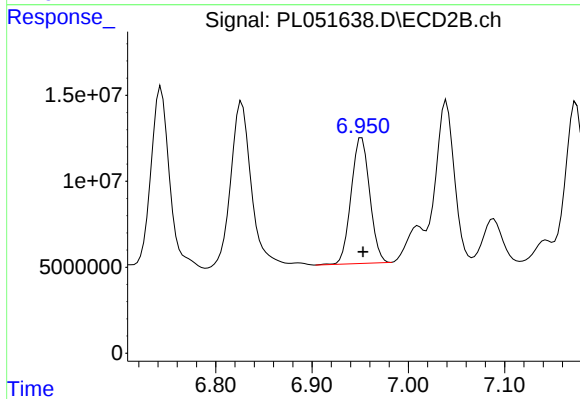
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: -0.001 min
Response: 94876756
Conc: 32.41 ng/ml



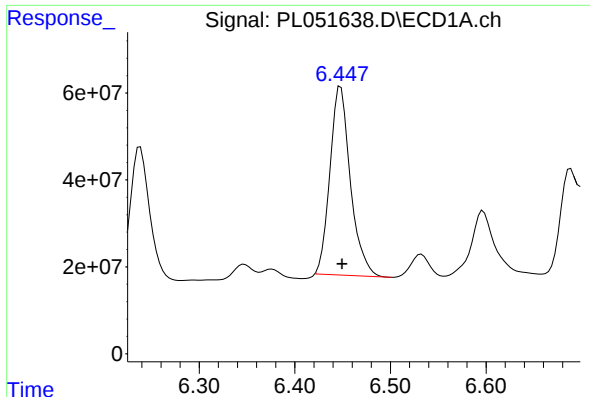
#18 Endrin aldehyde

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 438317319
Conc: 37.68 ng/ml



#18 Endrin aldehyde

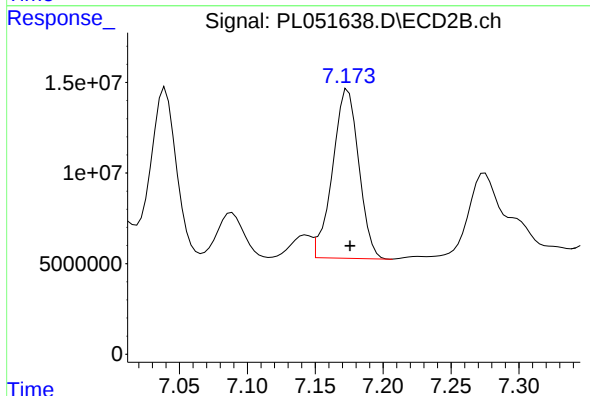
R.T.: 6.952 min
Delta R.T.: -0.001 min
Response: 97866735
Conc: 34.63 ng/ml



#19 Endosulfan Sulfate

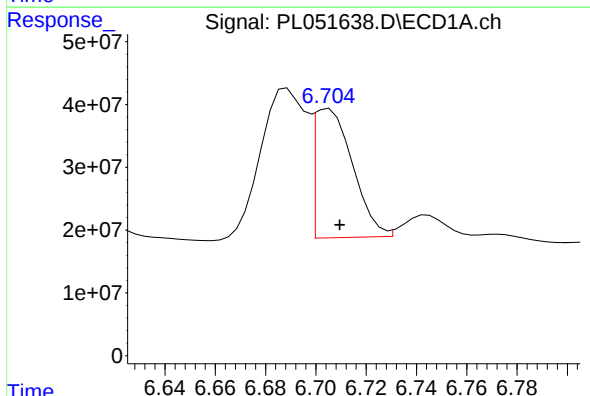
R.T.: 6.448 min
Delta R.T.: -0.001 min
Response: 642829777
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



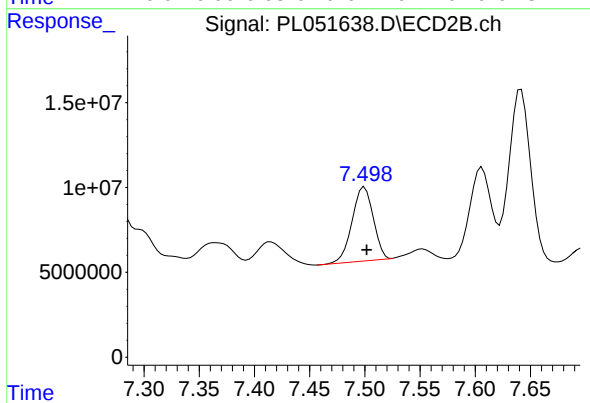
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 125655111
Conc: 40.69 ng/ml



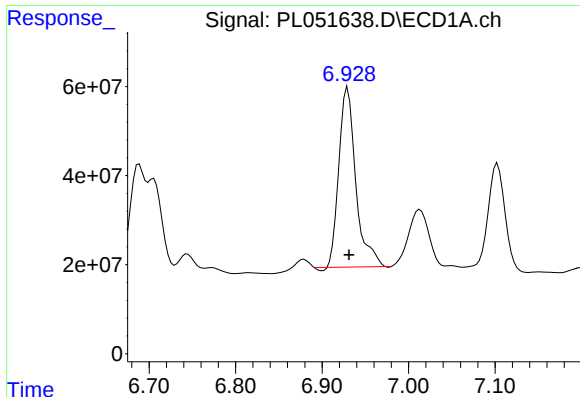
#20 Methoxychlor

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 217613944
Conc: 32.10 ng/ml



#20 Methoxychlor

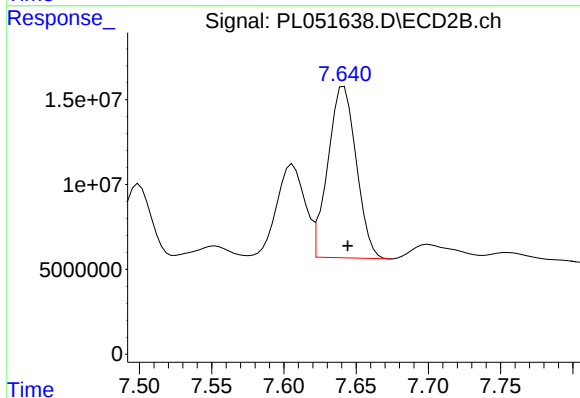
R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 58126264
Conc: 34.66 ng/ml



#21 Endrin ketone

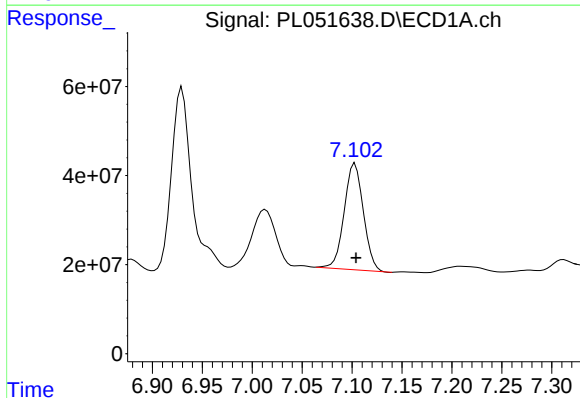
R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 544843323
Conc: 38.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



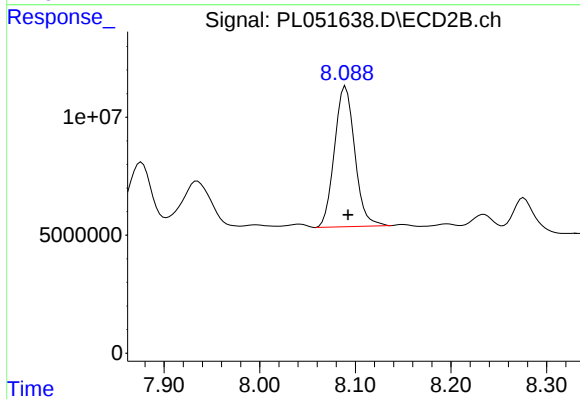
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 137950894
Conc: 43.12 ng/ml



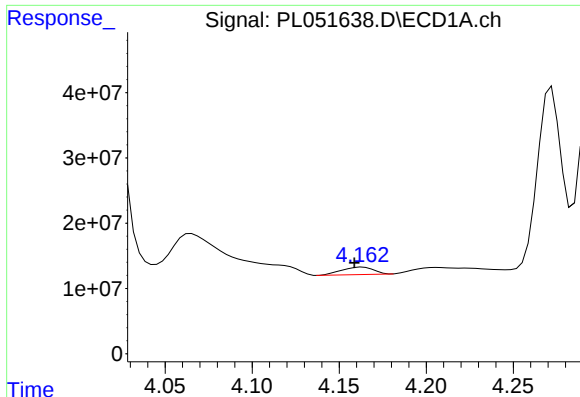
#22 Mirex

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 313324024
Conc: 29.59 ng/ml



#22 Mirex

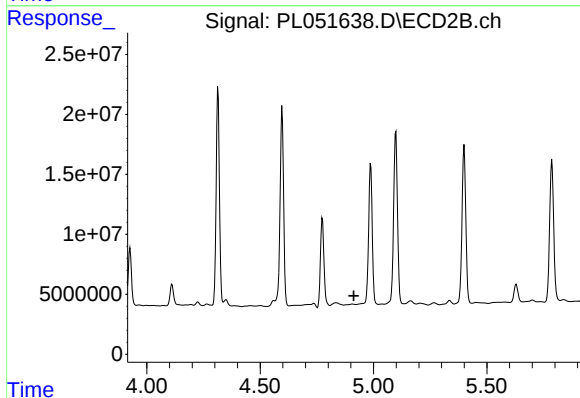
R.T.: 8.090 min
Delta R.T.: -0.002 min
Response: 87812814
Conc: 36.10 ng/ml



#23 Chlordane-1

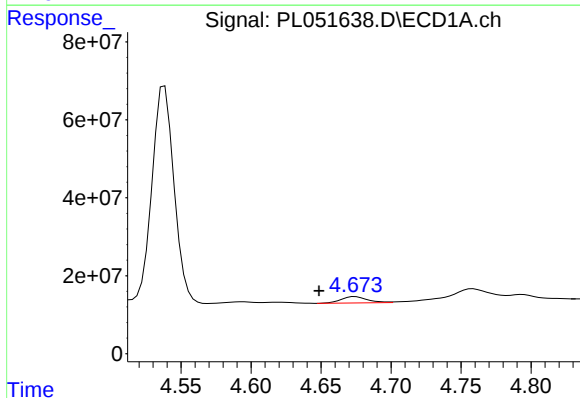
R.T.: 4.163 min
Delta R.T.: 0.005 min
Response: 14523454
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



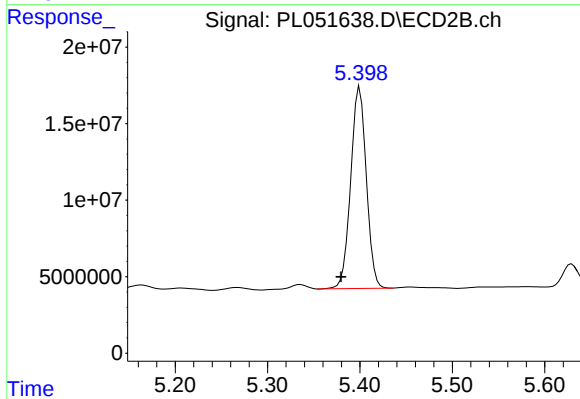
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



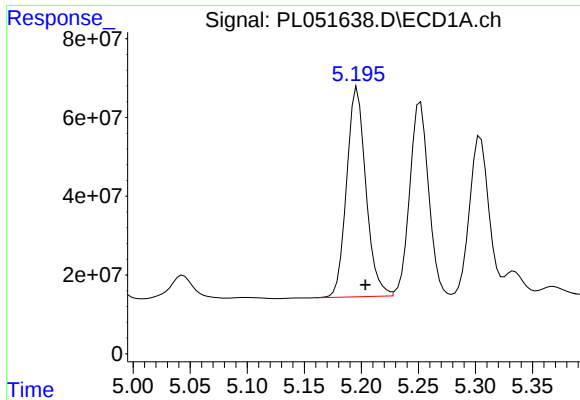
#24 Chlordane-2

R.T.: 4.674 min
Delta R.T.: 0.026 min
Response: 21510768
Conc: 52.63 ng/ml



#24 Chlordane-2

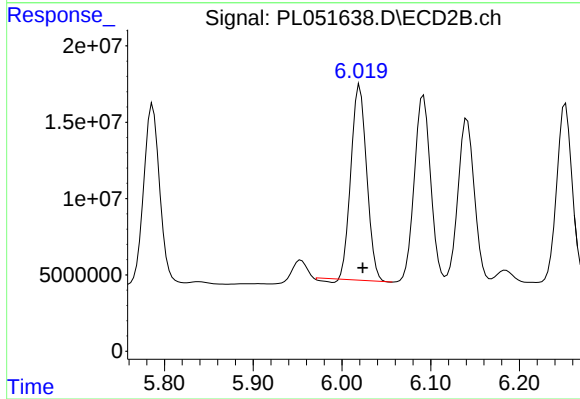
R.T.: 5.400 min
Delta R.T.: 0.020 min
Response: 154378962
Conc: 1538.09 ng/ml



#25 Chlordane-3

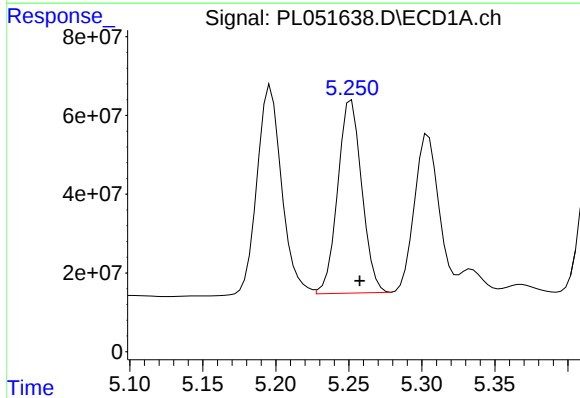
R.T.: 5.197 min
Delta R.T.: -0.007 min
Response: 623966487
Conc: 480.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



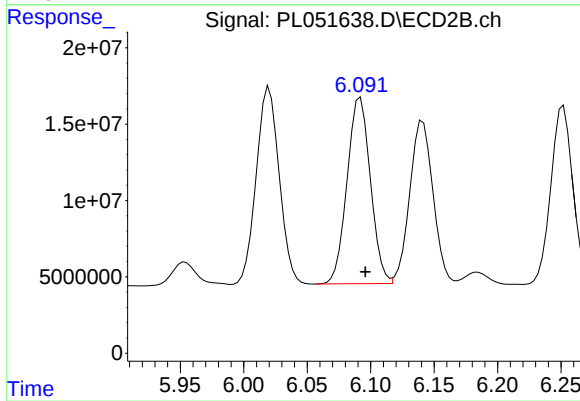
#25 Chlordane-3

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 157181896
Conc: 352.79 ng/ml



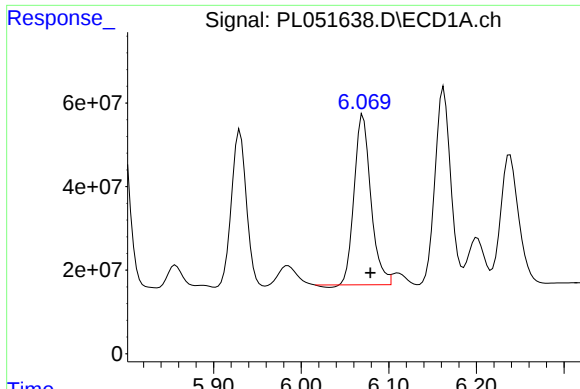
#26 Chlordane-4

R.T.: 5.252 min
Delta R.T.: -0.006 min
Response: 561743252
Conc: 460.69 ng/ml



#26 Chlordane-4

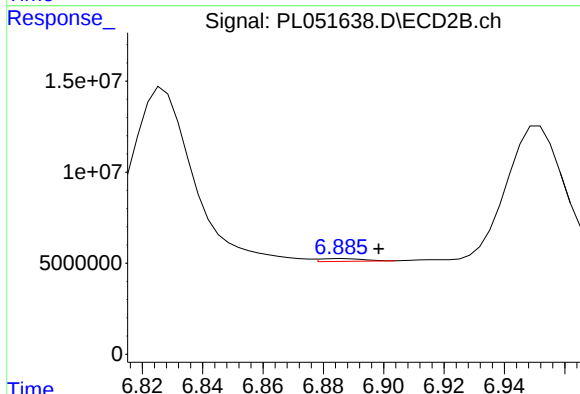
R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 156085132
Conc: 287.39 ng/ml



#27 Chlordane-5

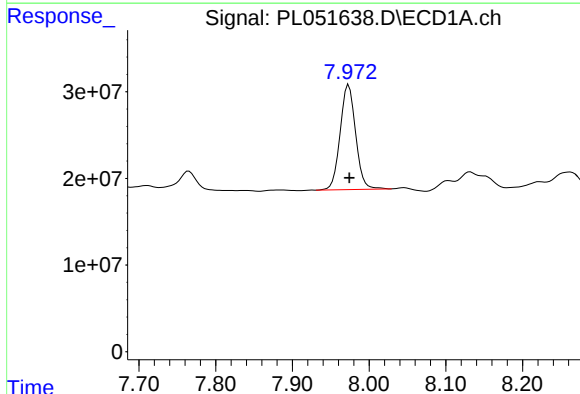
R.T.: 6.071 min
Delta R.T.: -0.008 min
Response: 536706025
Conc: 1093.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



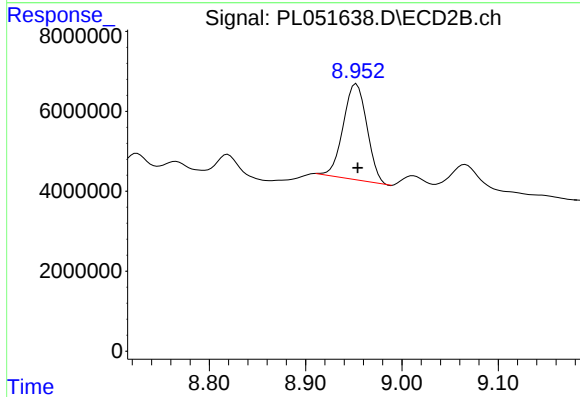
#27 Chlordane-5

R.T.: 6.886 min
Delta R.T.: -0.012 min
Response: 1545174
Conc: 15.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.973 min
Delta R.T.: -0.001 min
Response: 170207801
Conc: 14.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: -0.001 min
Response: 40988121
Conc: 13.47 ng/ml