

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082641.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 12:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:19:24 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...	3.329	2.641	126.0E6	106.5E6	47.153	45.958
28)	SA Decachlor...	8.751	7.755	93845659	104.5E6	49.158	45.765
Target Compounds							
2)	A alpha-BHC	3.780	3.139	192.2E6	154.9E6	48.279	45.521
3)	MA gamma-BHC...	4.108	3.466	179.2E6	144.4E6	47.921	44.901
4)	MA Heptachlor	4.687	3.798	171.6E6	149.9E6	46.976	43.793
5)	MB Aldrin	5.023	4.075	159.1E6	144.1E6	48.246	45.745
6)	B beta-BHC	4.312	3.767	78446527	59357997	45.996	43.505
7)	B delta-BHC	4.553	3.993	176.4E6	141.0E6	49.021	45.972
8)	B Heptachlo...	5.450	4.577	147.2E6	131.7E6	48.268	45.702
9)	A Endosulfan I	5.831	4.945	135.4E6	123.3E6	48.819	46.202
10)	B gamma-Chl...	5.705	4.826	147.4E6	133.3E6	49.015	45.951
11)	B alpha-Chl...	5.783	4.889	145.5E6	133.2E6	48.738	45.897
12)	B 4,4'-DDE	5.961	5.080	129.0E6	110.3E6	50.745	47.957
13)	MA Dieldrin	6.105	5.210	137.4E6	124.2E6	49.787	45.993
14)	MA Endrin	6.332	5.484	109.1E6	103.0E6	45.002	42.114
15)	B Endosulfa...	6.555	5.781	112.1E6	105.4E6	46.043	46.746
16)	A 4,4'-DDD	6.477	5.636	109.4E6	96953662	53.944	51.836
17)	MA 4,4'-DDT	6.788	5.884	100.6E6	90204421	43.962	42.698
18)	B Endrin al...	6.685	5.961	91685914	85984455	48.661	45.947
19)	B Endosulfa...	6.919	6.184	116.3E6	109.0E6	49.023	46.287
20)	A Methoxychlor	7.268	6.464	52898862	49984804	43.348	41.247
21)	B Endrin ke...	7.398	6.689	122.5E6	123.3E6	51.149	48.590
22)	Mirex	7.862	6.860	94410442	102.9E6	48.259	44.646
23)	Chlordane-1	0.000	3.625	0	40760	N.D.	0.460 #
24)	Chlordane-2	0.000	4.221	0	773935	N.D.	6.901 #
25)	Chlordane-3	5.705	4.826	147.4E6	133.3E6	341.399	469.340 #
26)	Chlordane-4	5.783	4.889	145.5E6	133.2E6	279.786	446.476 #
27)	Chlordane-5	0.000	5.781	0	105.4E6	N.D.	1067.446 #

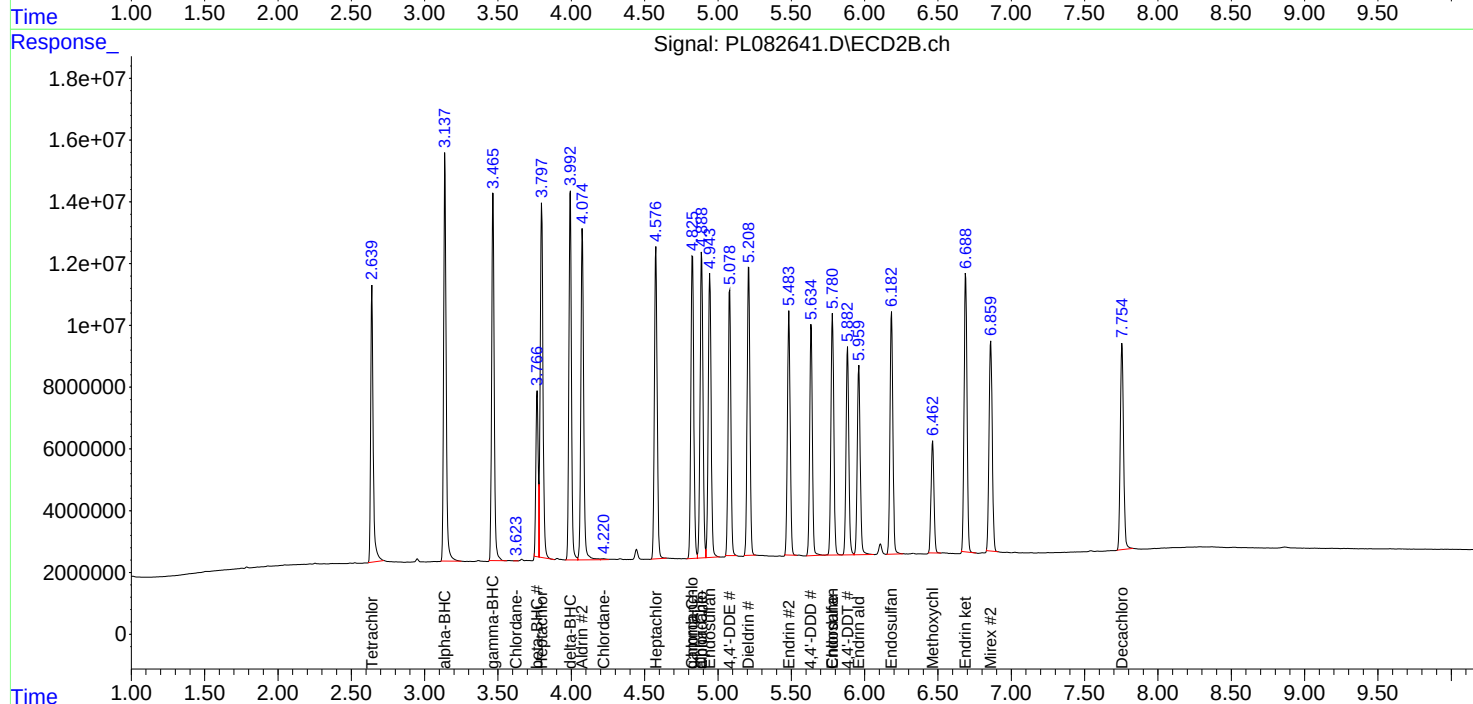
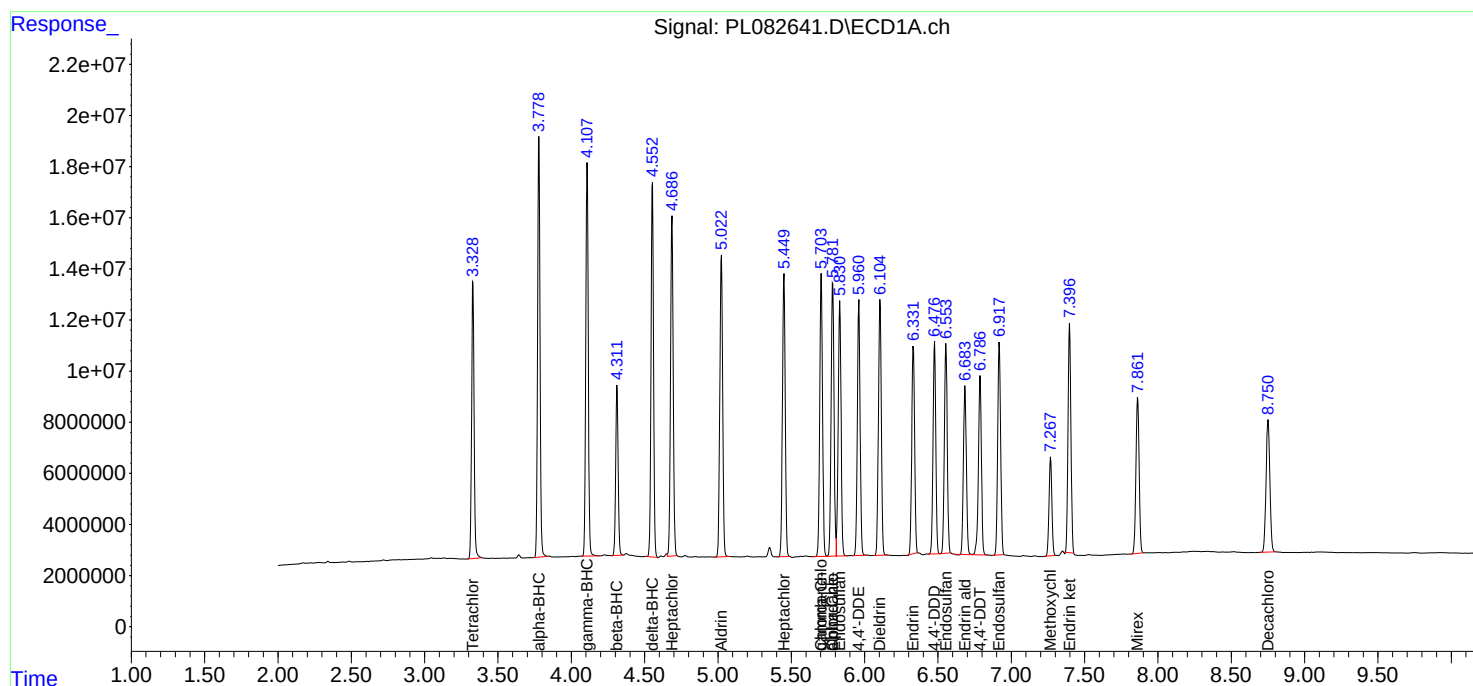
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

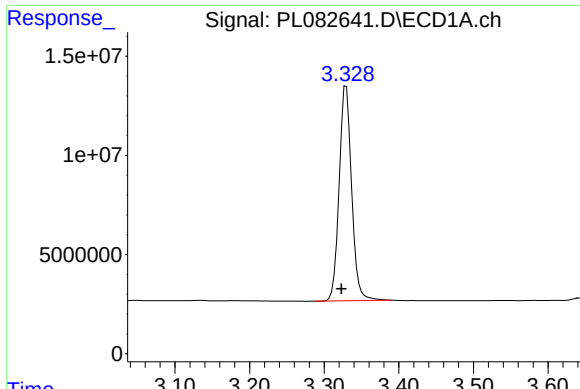
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

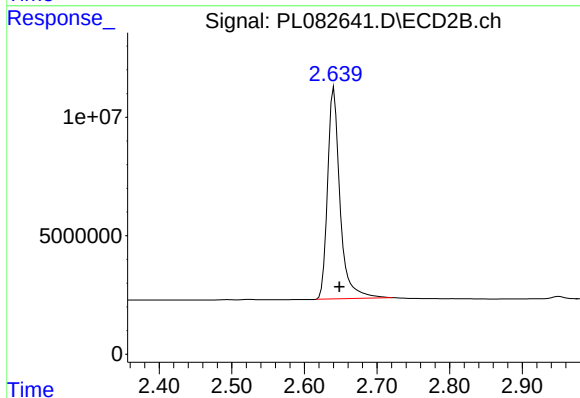




#1 Tetrachloro-m-xylene

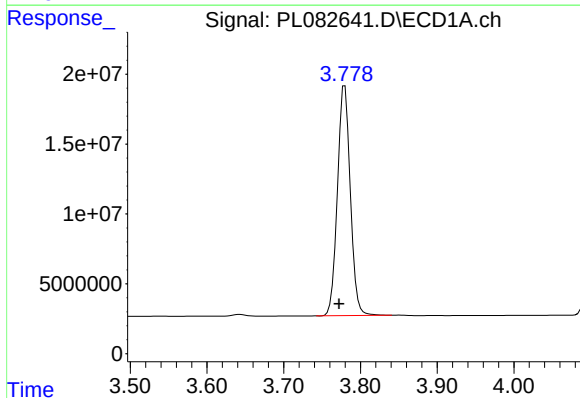
R.T.: 3.329 min
Delta R.T.: 0.006 min
Response: 125954613
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



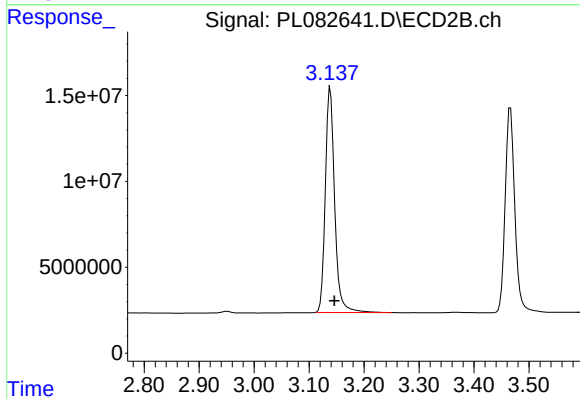
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 106473661
Conc: 45.96 ng/ml



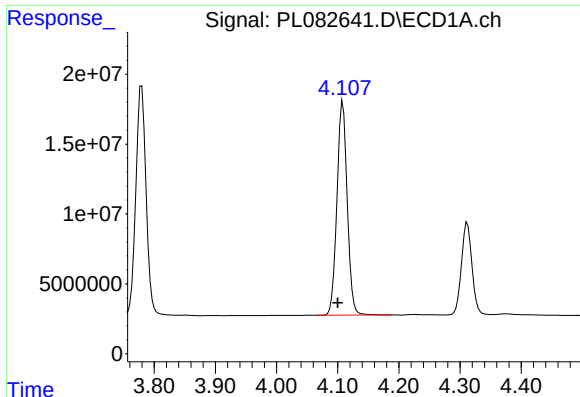
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: 0.007 min
Response: 192161102
Conc: 48.28 ng/ml



#2 alpha-BHC

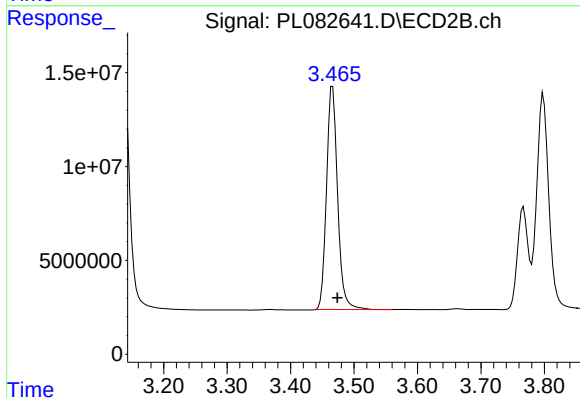
R.T.: 3.139 min
Delta R.T.: -0.008 min
Response: 154929189
Conc: 45.52 ng/ml



#3 gamma-BHC (Lindane)

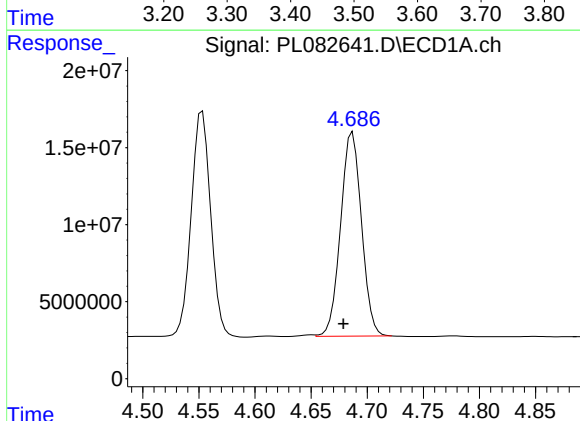
R.T.: 4.108 min
Delta R.T.: 0.008 min
Response: 179172617
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



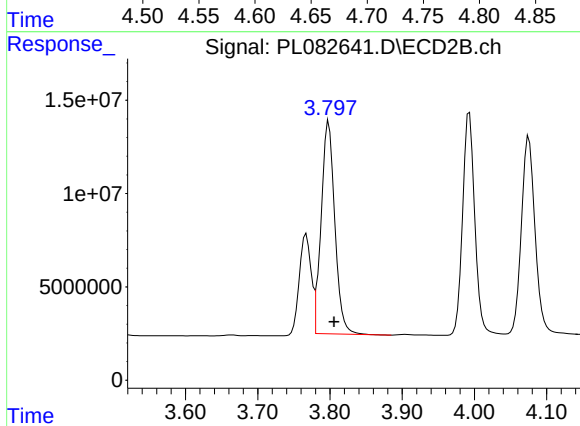
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 144369455
Conc: 44.90 ng/ml



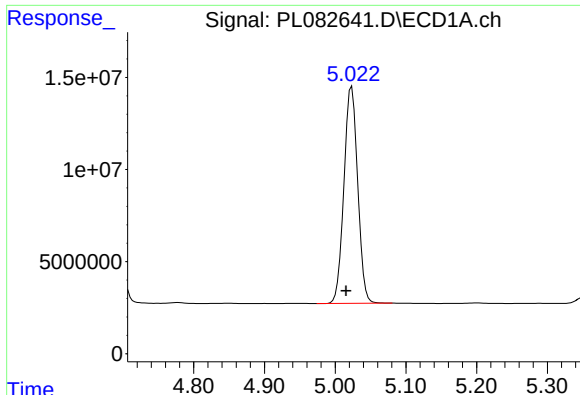
#4 Heptachlor

R.T.: 4.687 min
Delta R.T.: 0.008 min
Response: 171648310
Conc: 46.98 ng/ml



#4 Heptachlor

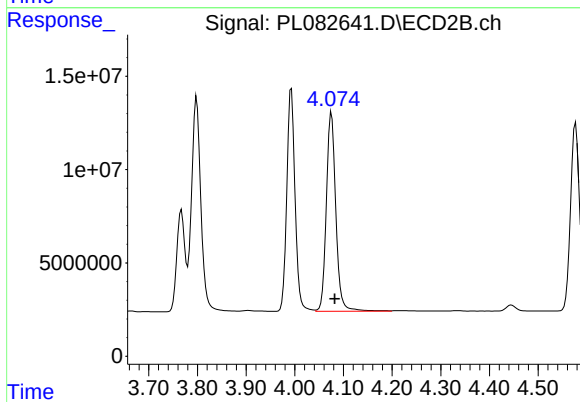
R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 149915308
Conc: 43.79 ng/ml



#5 Aldrin

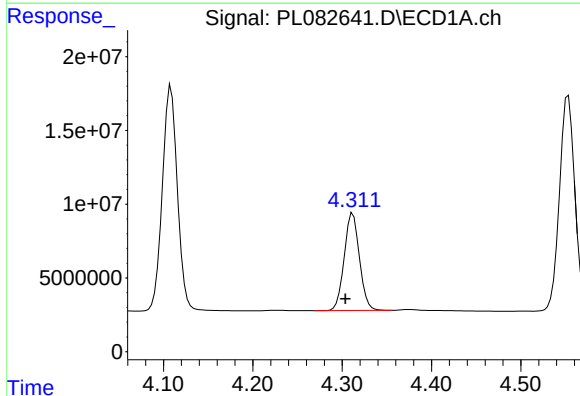
R.T.: 5.023 min
Delta R.T.: 0.008 min
Response: 159093877
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



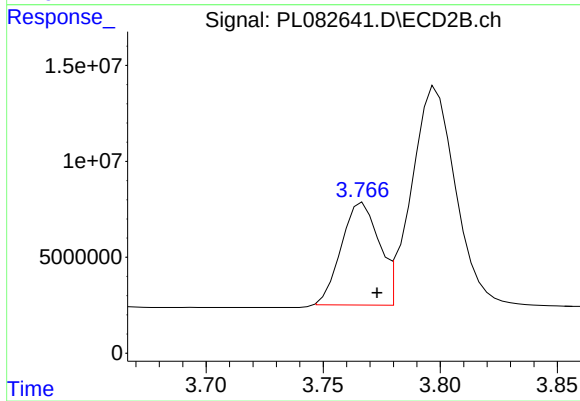
#5 Aldrin

R.T.: 4.075 min
Delta R.T.: -0.007 min
Response: 144090538
Conc: 45.75 ng/ml



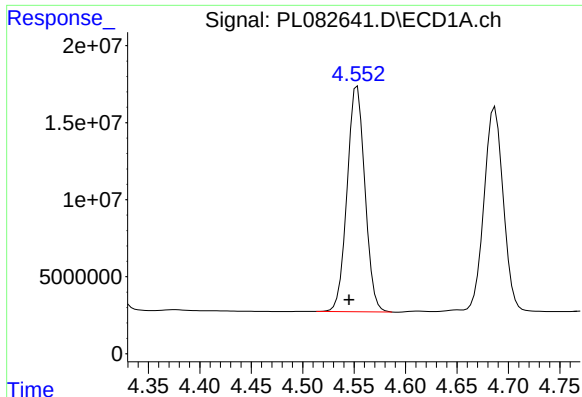
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: 0.008 min
Response: 78446527
Conc: 46.00 ng/ml



#6 beta-BHC

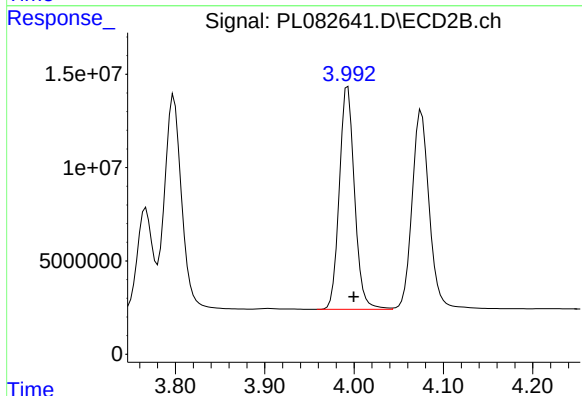
R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 59357997
Conc: 43.50 ng/ml



#7 delta-BHC

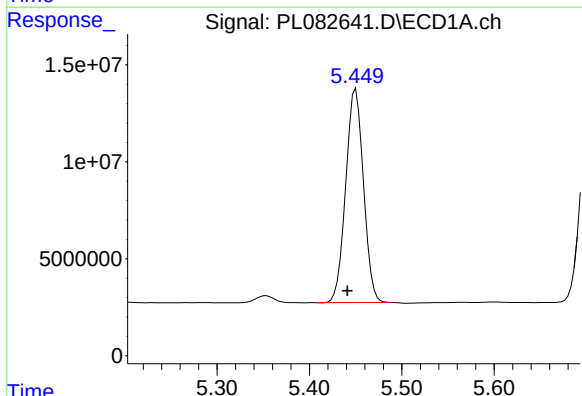
R.T.: 4.553 min
Delta R.T.: 0.008 min
Response: 176368123
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



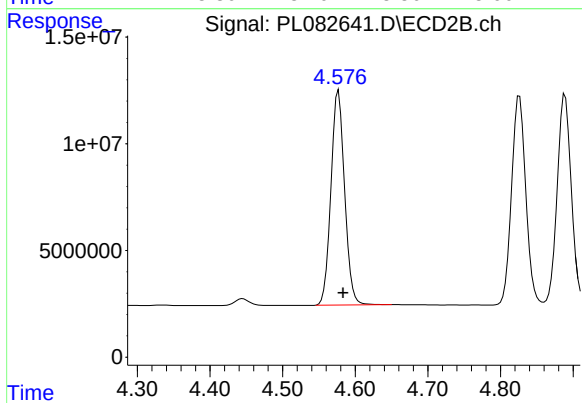
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.007 min
Response: 141013804
Conc: 45.97 ng/ml



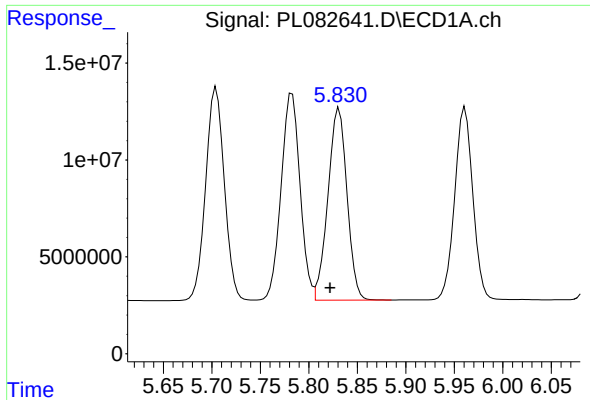
#8 Heptachlor epoxide

R.T.: 5.450 min
Delta R.T.: 0.009 min
Response: 147233146
Conc: 48.27 ng/ml



#8 Heptachlor epoxide

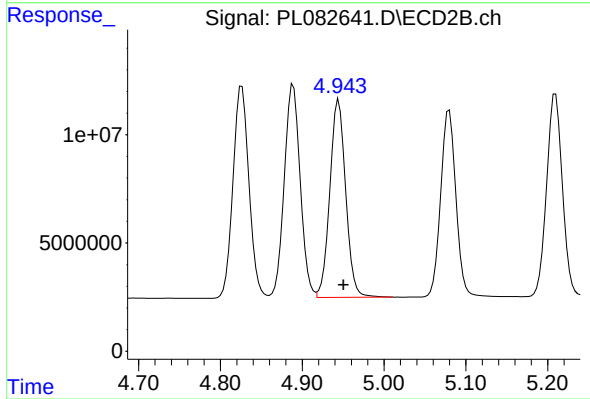
R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 131663078
Conc: 45.70 ng/ml



#9 Endosulfan I

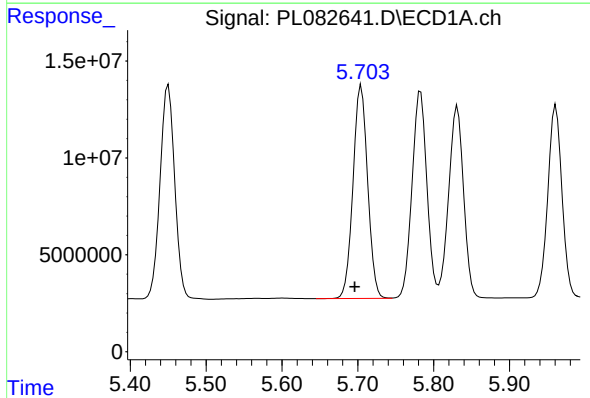
R.T.: 5.831 min
Delta R.T.: 0.009 min
Response: 135362406
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



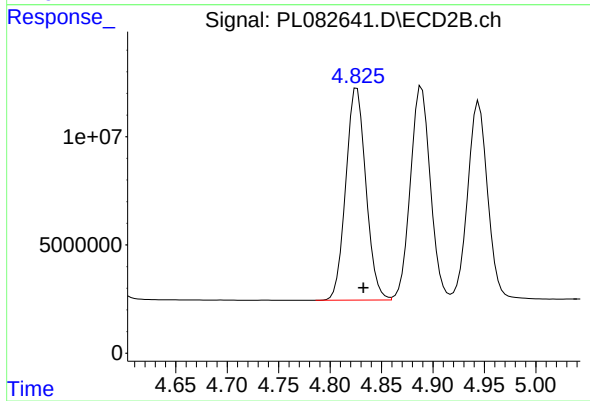
#9 Endosulfan I

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 123332633
Conc: 46.20 ng/ml



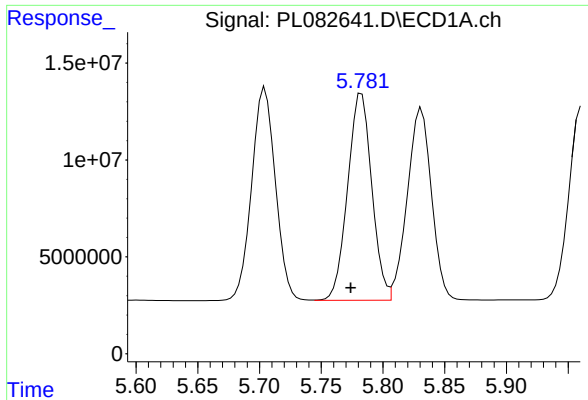
#10 gamma-Chlordane

R.T.: 5.705 min
Delta R.T.: 0.008 min
Response: 147383173
Conc: 49.02 ng/ml



#10 gamma-Chlordane

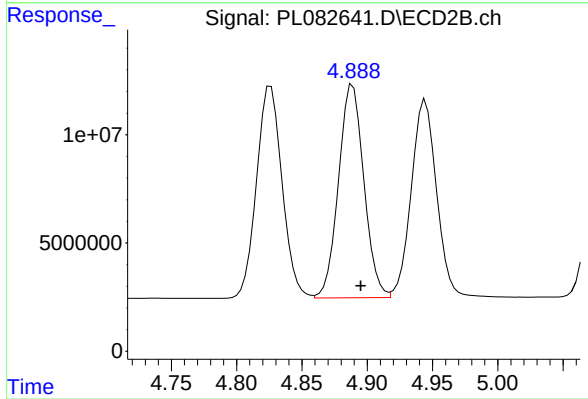
R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 133344201
Conc: 45.95 ng/ml



#11 alpha-Chlordane

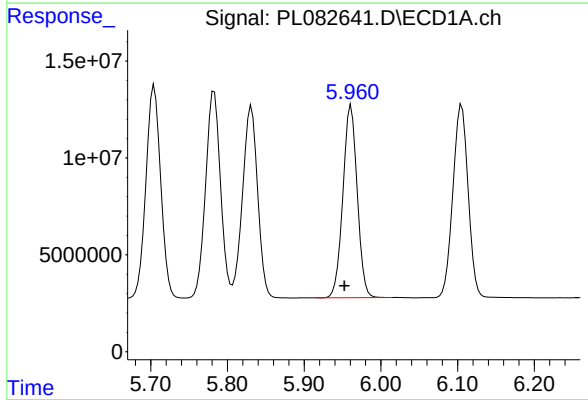
R.T.: 5.783 min
Delta R.T.: 0.009 min
Response: 145464878
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



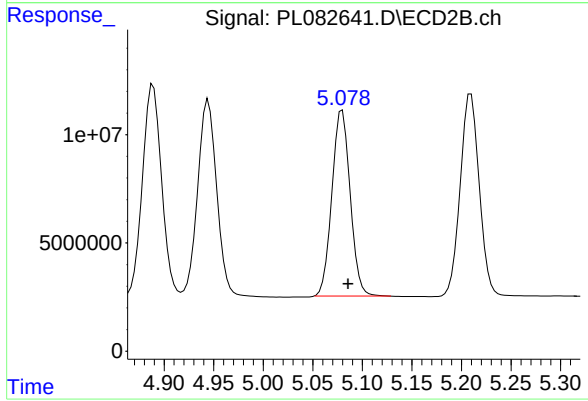
#11 alpha-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 133231537
Conc: 45.90 ng/ml



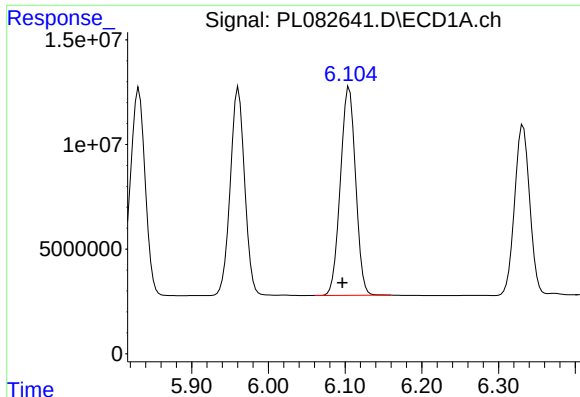
#12 4,4'-DDE

R.T.: 5.961 min
Delta R.T.: 0.009 min
Response: 128995342
Conc: 50.74 ng/ml



#12 4,4'-DDE

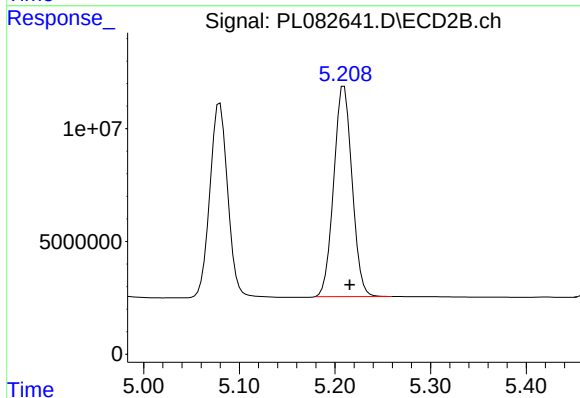
R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 110250787
Conc: 47.96 ng/ml



#13 Dieldrin

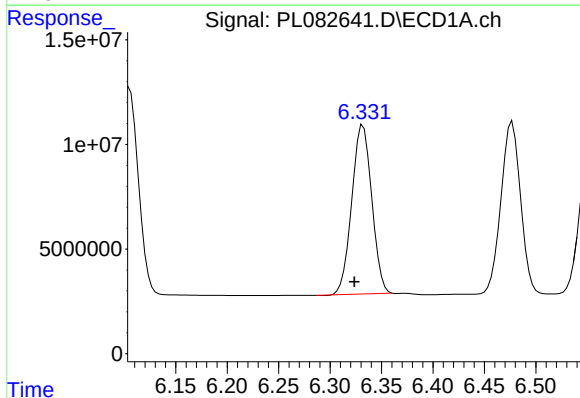
R.T.: 6.105 min
Delta R.T.: 0.009 min
Response: 137367792
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



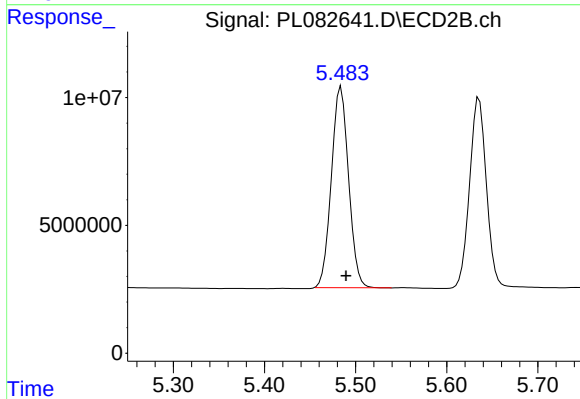
#13 Dieldrin

R.T.: 5.210 min
Delta R.T.: -0.006 min
Response: 124197560
Conc: 45.99 ng/ml



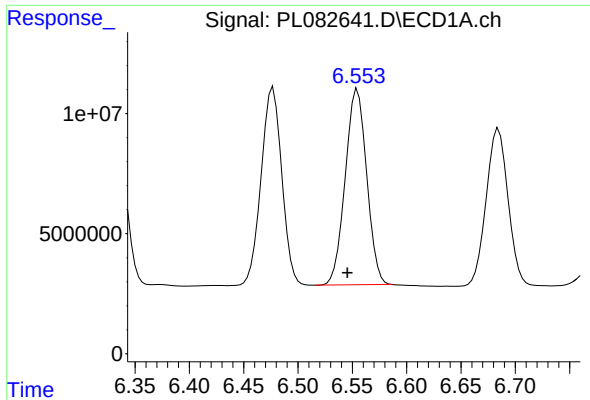
#14 Endrin

R.T.: 6.332 min
Delta R.T.: 0.008 min
Response: 109110475
Conc: 45.00 ng/ml



#14 Endrin

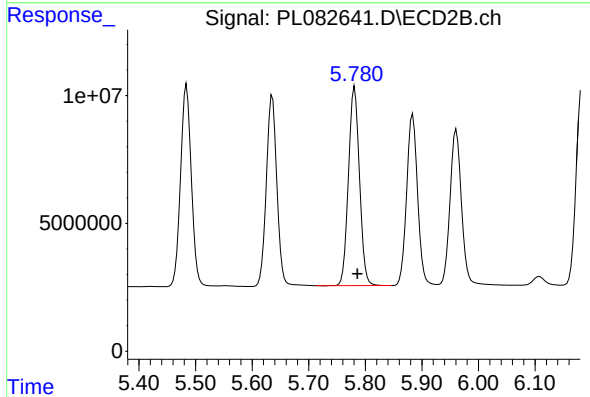
R.T.: 5.484 min
Delta R.T.: -0.005 min
Response: 103009595
Conc: 42.11 ng/ml



#15 Endosulfan II

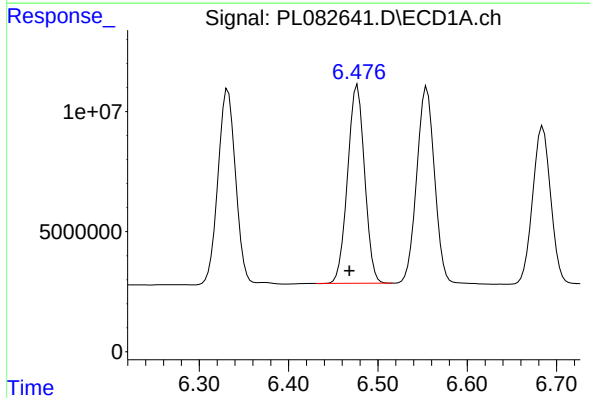
R.T.: 6.555 min
Delta R.T.: 0.009 min
Response: 112094317
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



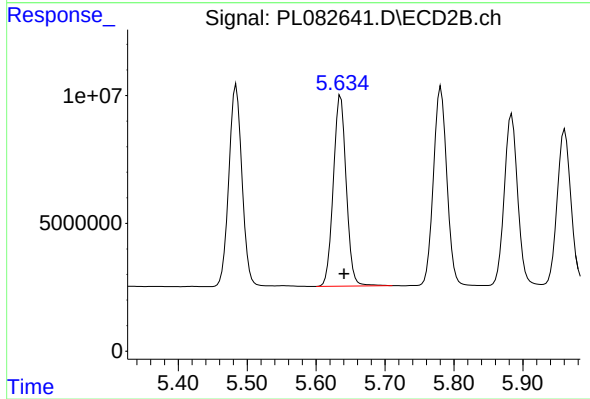
#15 Endosulfan II

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 105370200
Conc: 46.75 ng/ml



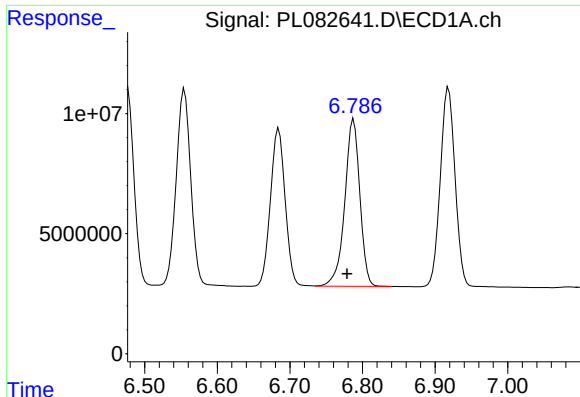
#16 4,4'-DDD

R.T.: 6.477 min
Delta R.T.: 0.009 min
Response: 109355607
Conc: 53.94 ng/ml



#16 4,4'-DDD

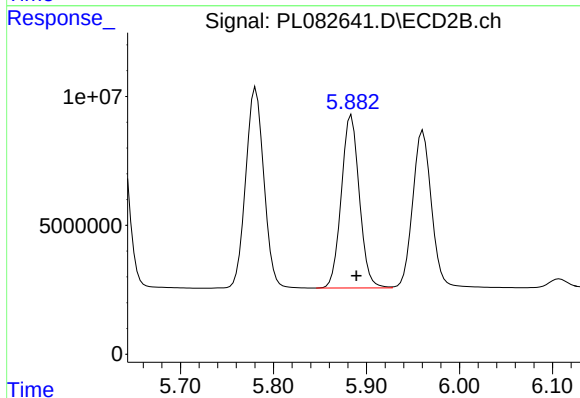
R.T.: 5.636 min
Delta R.T.: -0.005 min
Response: 96953662
Conc: 51.84 ng/ml



#17 4,4'-DDT

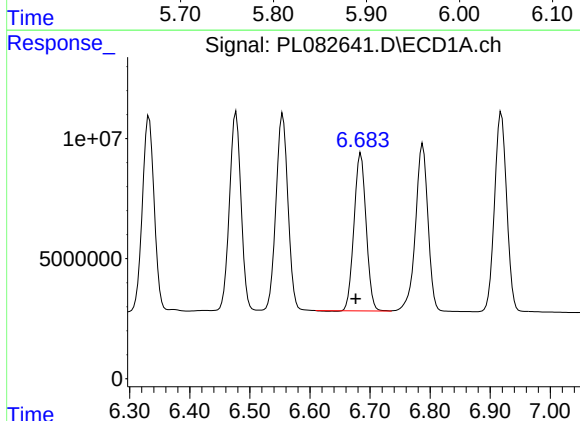
R.T.: 6.788 min
Delta R.T.: 0.009 min
Response: 100572185
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



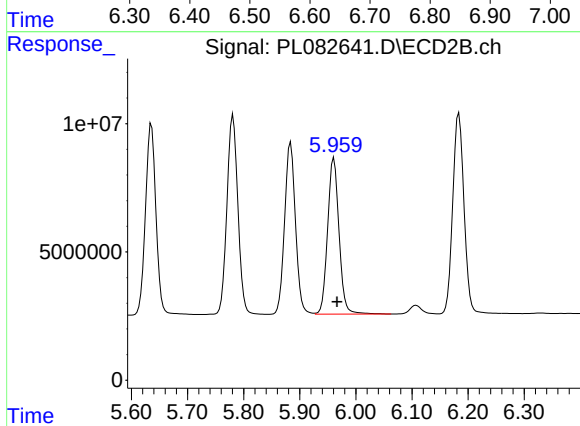
#17 4,4'-DDT

R.T.: 5.884 min
Delta R.T.: -0.005 min
Response: 90204421
Conc: 42.70 ng/ml



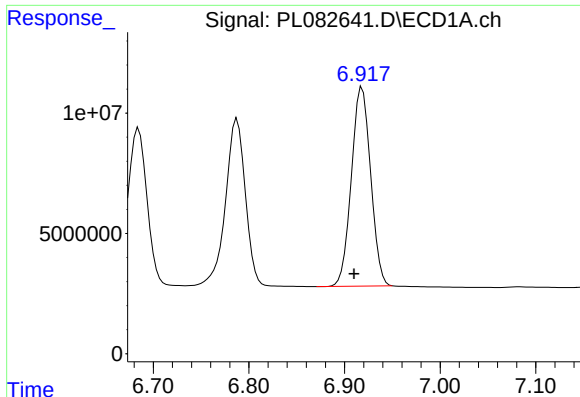
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: 0.008 min
Response: 91685914
Conc: 48.66 ng/ml



#18 Endrin aldehyde

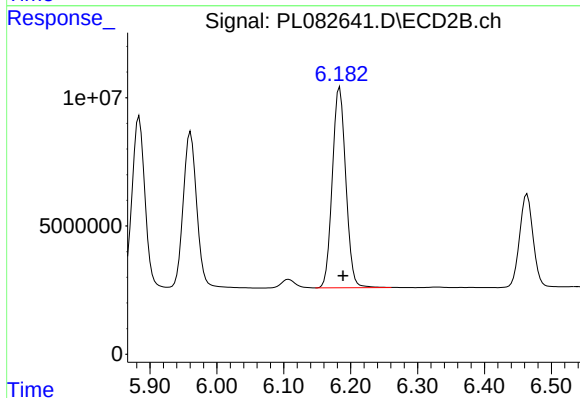
R.T.: 5.961 min
Delta R.T.: -0.006 min
Response: 85984455
Conc: 45.95 ng/ml



#19 Endosulfan Sulfate

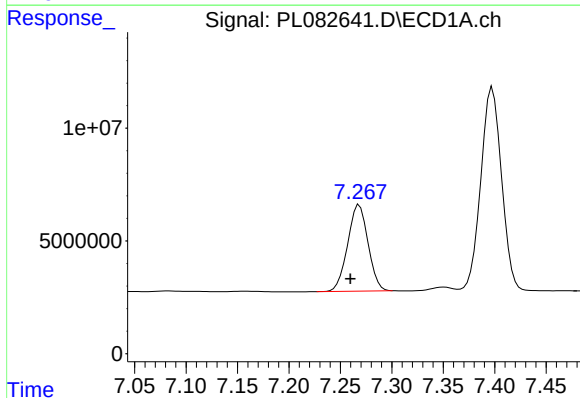
R.T.: 6.919 min
Delta R.T.: 0.008 min
Response: 116259891
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



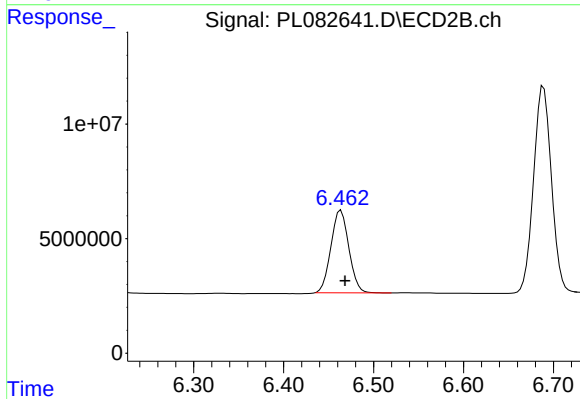
#19 Endosulfan Sulfate

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 108973015
Conc: 46.29 ng/ml



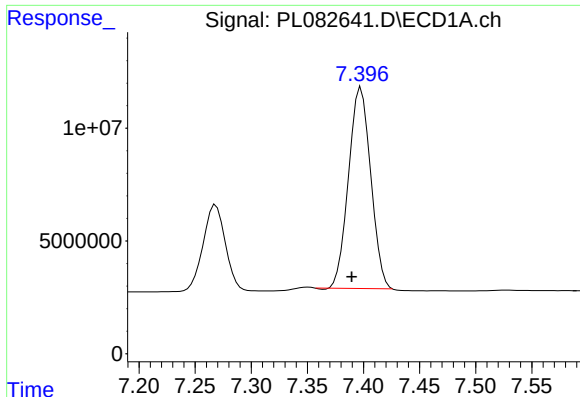
#20 Methoxychlor

R.T.: 7.268 min
Delta R.T.: 0.009 min
Response: 52898862
Conc: 43.35 ng/ml



#20 Methoxychlor

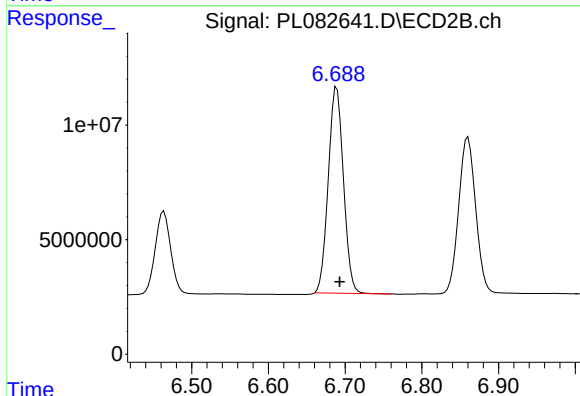
R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 49984804
Conc: 41.25 ng/ml



#21 Endrin ketone

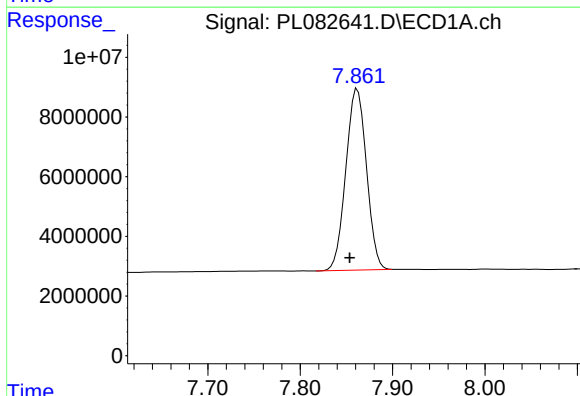
R.T.: 7.398 min
Delta R.T.: 0.008 min
Response: 122472542
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



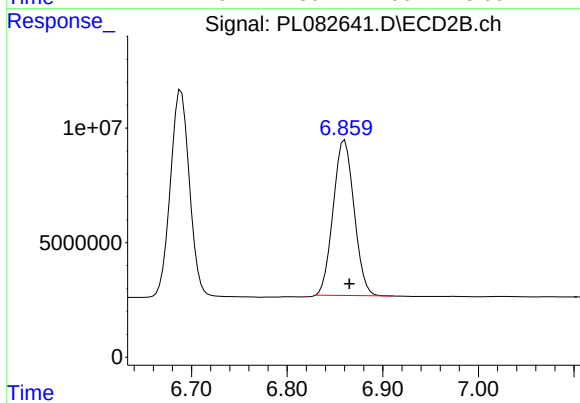
#21 Endrin ketone

R.T.: 6.689 min
Delta R.T.: -0.004 min
Response: 123331158
Conc: 48.59 ng/ml



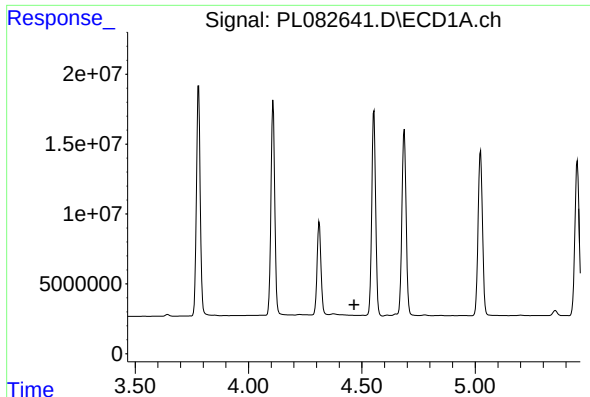
#22 Mirex

R.T.: 7.862 min
Delta R.T.: 0.008 min
Response: 94410442
Conc: 48.26 ng/ml



#22 Mirex

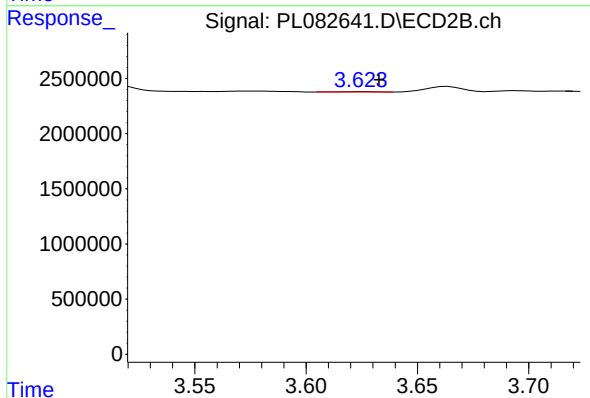
R.T.: 6.860 min
Delta R.T.: -0.005 min
Response: 102876764
Conc: 44.65 ng/ml



#23 Chlordane-1

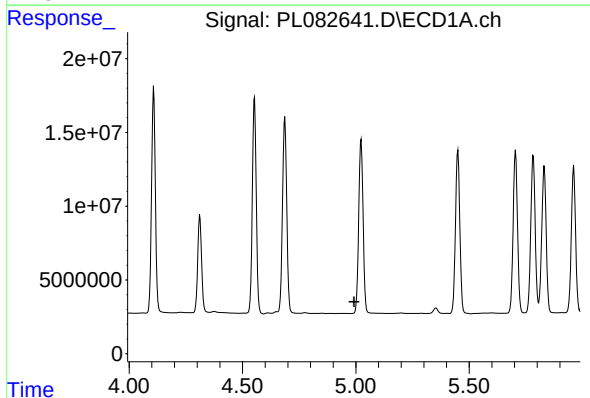
R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



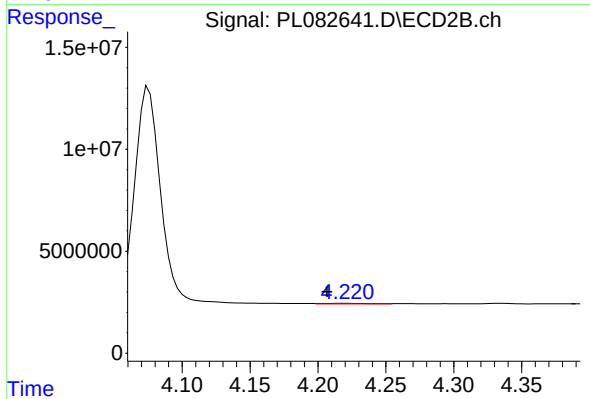
#23 Chlordane-1

R.T.: 3.625 min
Delta R.T.: -0.008 min
Response: 40760
Conc: 0.46 ng/ml



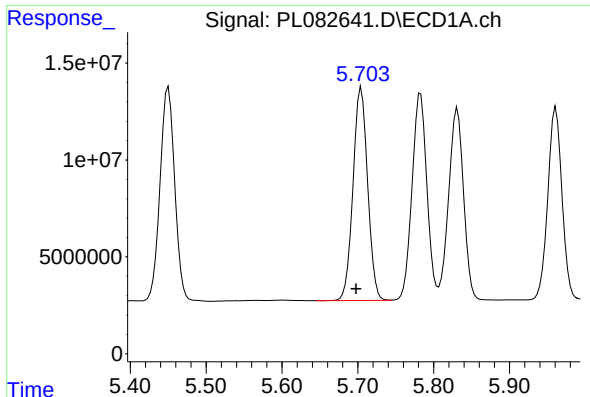
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.992 min
Response: 0
Conc: N.D.



#24 Chlordane-2

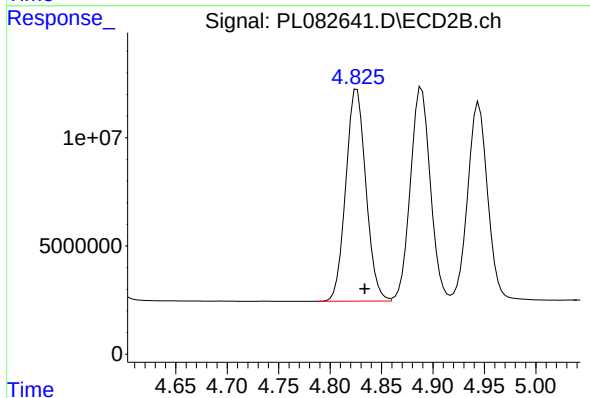
R.T.: 4.221 min
Delta R.T.: 0.014 min
Response: 773935
Conc: 6.90 ng/ml



#25 Chlordane-3

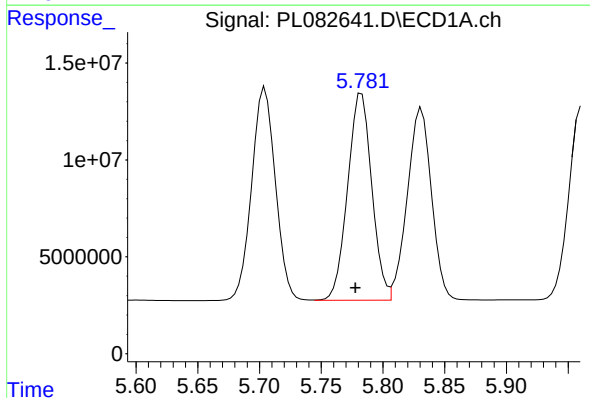
R.T.: 5.705 min
Delta R.T.: 0.007 min
Response: 147383173
Conc: 341.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



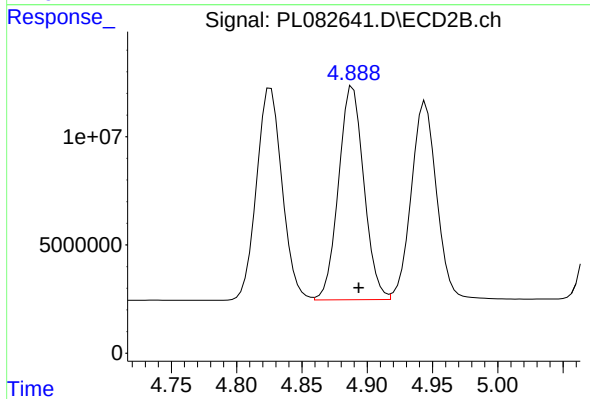
#25 Chlordane-3

R.T.: 4.826 min
Delta R.T.: -0.008 min
Response: 133344201
Conc: 469.34 ng/ml



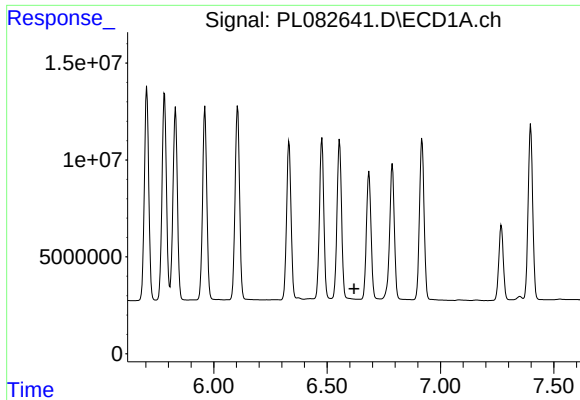
#26 Chlordane-4

R.T.: 5.783 min
Delta R.T.: 0.005 min
Response: 145464878
Conc: 279.79 ng/ml



#26 Chlordane-4

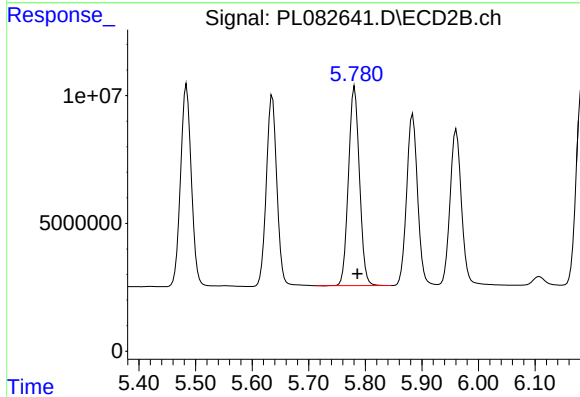
R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 133231537
Conc: 446.48 ng/ml



#27 Chlordane-5

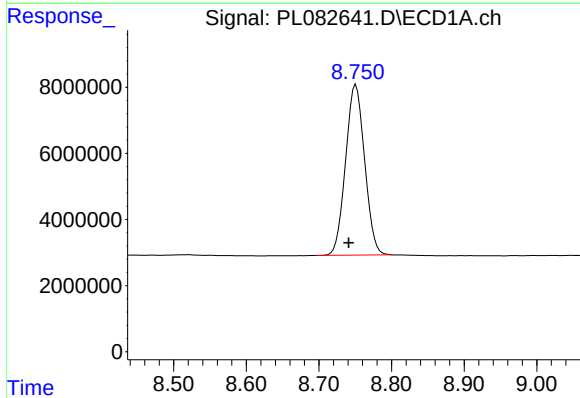
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



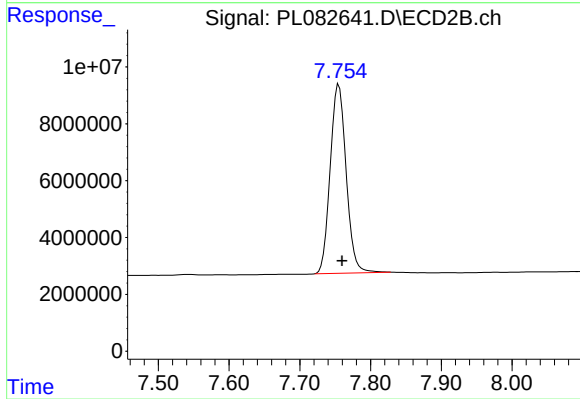
#27 Chlordane-5

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 105370200
Conc: 1067.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: 0.010 min
Response: 93845659
Conc: 49.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.755 min
Delta R.T.: -0.005 min
Response: 104459238
Conc: 45.77 ng/ml