

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
 Data File : PL082135.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2023 16:47
 Operator : AR\AJ
 Sample : 02257-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

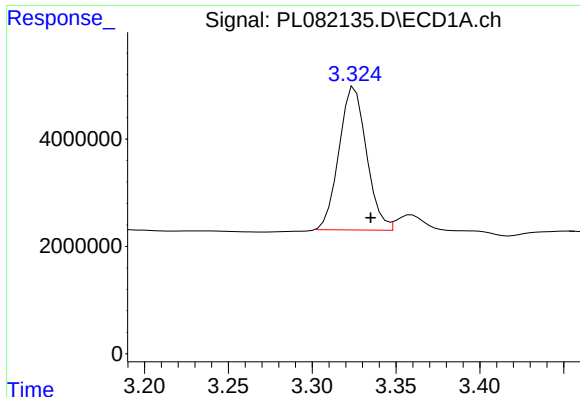
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 21:49:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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	2.650	30333713	27478449	13.042	13.766
28)	SA Decachlor...	8.751	7.769	20954050	22882929	11.709	11.538
Target Compounds							
2)	A alpha-BHC	3.775	3.149	153.8E6	125.9E6	44.860	43.192
3)	MA gamma-BHC...	4.104	3.477	140.8E6	124.8E6	44.307	44.815
4)	MA Heptachlor	4.683	3.809	126.6E6	124.8E6	40.176	43.537
5)	MB Aldrin	5.021	4.087	133.3E6	121.7E6	46.613	45.670
6)	B beta-BHC	4.307	3.777	64230165	52516559	42.675	44.095
7)	B delta-BHC	4.550	4.004	138.8E6	118.6E6	45.655	45.844
8)	B Heptachlo...	5.447	4.588	121.7E6	108.3E6	44.760	44.587
9)	A Endosulfan I	5.829	4.957	105.4E6	99143851	42.640	44.908
10)	B gamma-Chl...	5.702	4.837	123.1E6	113.0E6	46.896	46.512
11)	B alpha-Chl...	5.780	4.901	114.6E6	111.8E6	44.278	46.019
12)	B 4,4'-DDE	5.959	5.091	103.0E6	94489108	45.724	47.969
13)	MA Dieldrin	6.103	5.221	110.5E6	107.4E6	45.631	47.734
14)	MA Endrin	6.330	5.496	98162876	91187236	46.408	45.059
15)	B Endosulfa...	6.553	5.792	90686538	86232885	42.734	47.536
16)	A 4,4'-DDD	6.475	5.647	86372280	75325068	47.892	49.636
17)	MA 4,4'-DDT	6.786	5.895	95166294	89148882	46.888	51.732
18)	B Endrin al...	6.682	5.973	79495771	75112386	48.588	48.366
19)	B Endosulfa...	6.917	6.196	93749061	86473463	44.984	44.443
20)	A Methoxychlor	7.267	6.476	51605618	46605847	47.921	46.791
21)	B Endrin ke...	7.397	6.701	99692940	98443284	47.594	46.066
22)	Mirex	7.862	6.873	74643456	79818766	43.568	41.578
23)	Chlordane-1	4.467	3.631f	1207376	388945	12.144	5.050 #
24)	Chlordane-2	5.021f	4.223	133.3E6	207749	1281.043	2.224 #
25)	Chlordane-3	5.702	4.837	123.1E6	113.0E6	310.802	448.812 #
26)	Chlordane-4	5.780	4.901	114.6E6	111.8E6	239.486	426.736 #
27)	Chlordane-5	0.000	5.564	0	2549382	N.D.	38.198 #

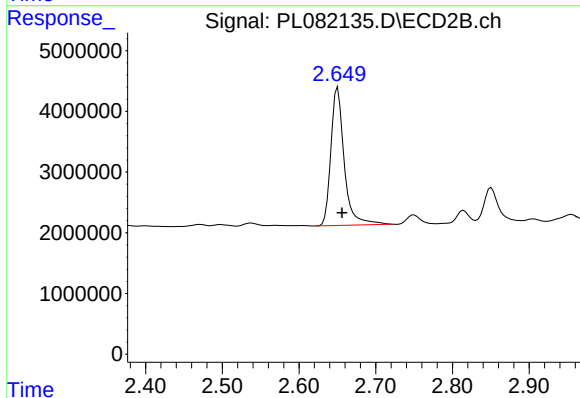
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

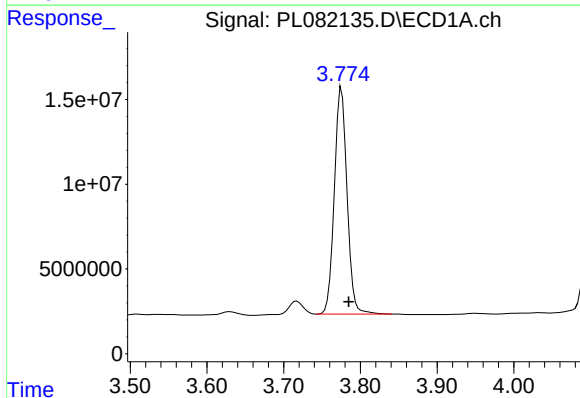
R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 30333713
Conc: 13.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



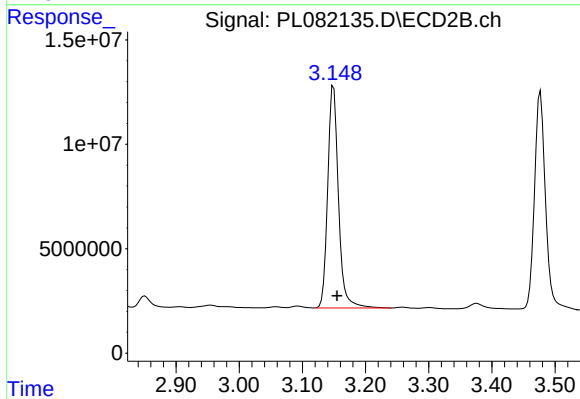
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: -0.006 min
Response: 27478449
Conc: 13.77 ng/ml



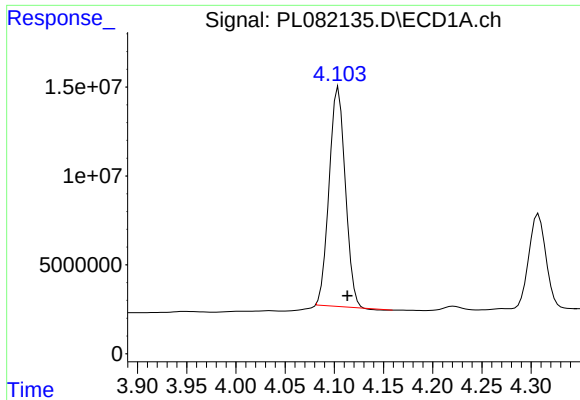
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.009 min
Response: 153797465
Conc: 44.86 ng/ml



#2 alpha-BHC

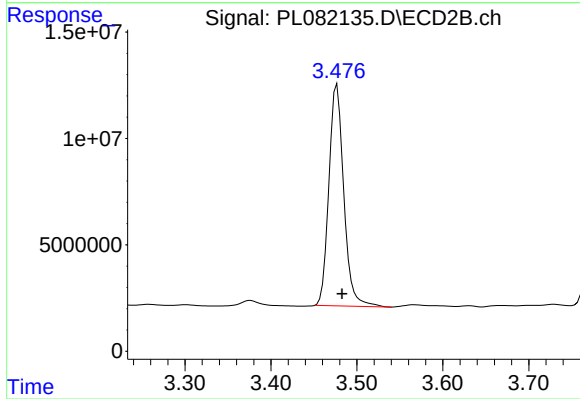
R.T.: 3.149 min
Delta R.T.: -0.005 min
Response: 125904020
Conc: 43.19 ng/ml



#3 gamma-BHC (Lindane)

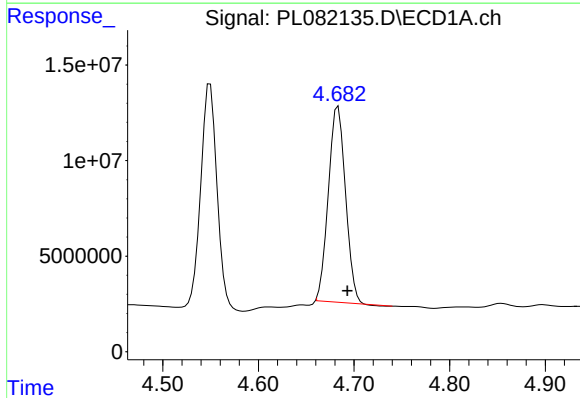
R.T.: 4.104 min
Delta R.T.: -0.009 min
Response: 140755068
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



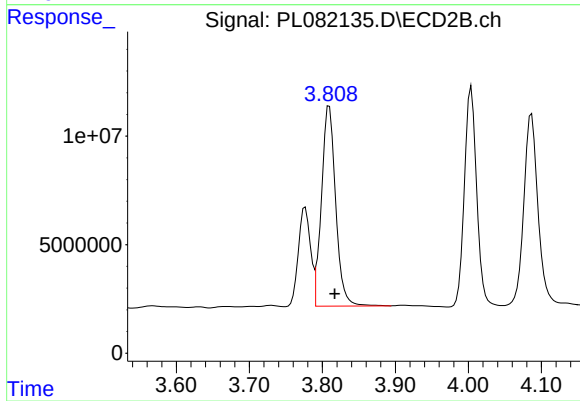
#3 gamma-BHC (Lindane)

R.T.: 3.477 min
Delta R.T.: -0.006 min
Response: 124773960
Conc: 44.81 ng/ml



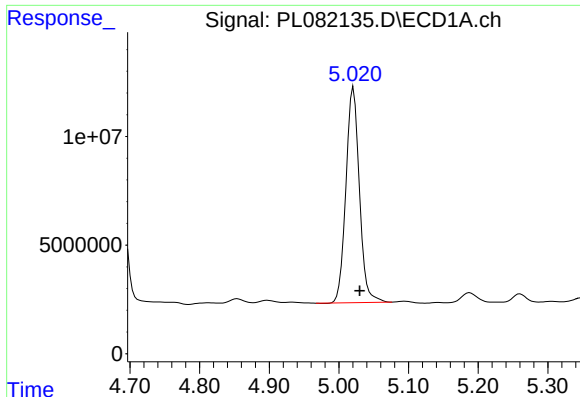
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: -0.010 min
Response: 126640790
Conc: 40.18 ng/ml



#4 Heptachlor

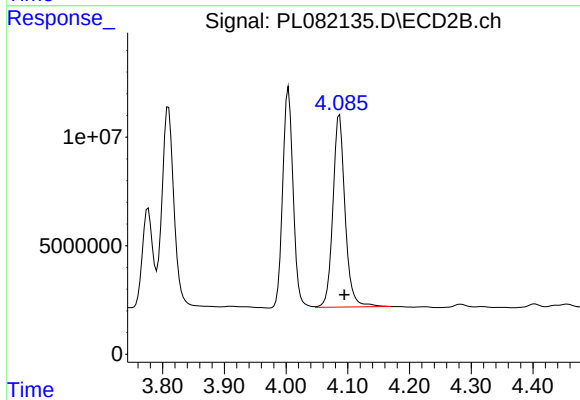
R.T.: 3.809 min
Delta R.T.: -0.008 min
Response: 124819855
Conc: 43.54 ng/ml



#5 Aldrin

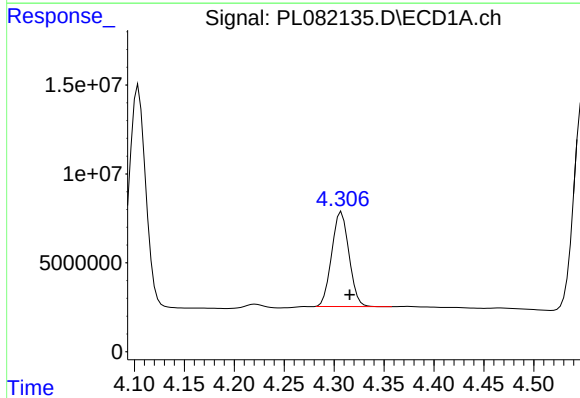
R.T.: 5.021 min
Delta R.T.: -0.009 min
Response: 133325788
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



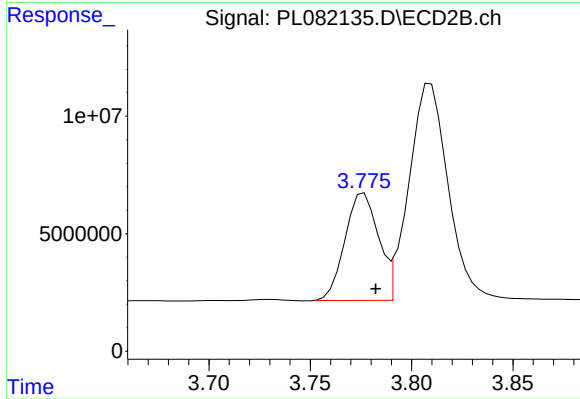
#5 Aldrin

R.T.: 4.087 min
Delta R.T.: -0.008 min
Response: 121686738
Conc: 45.67 ng/ml



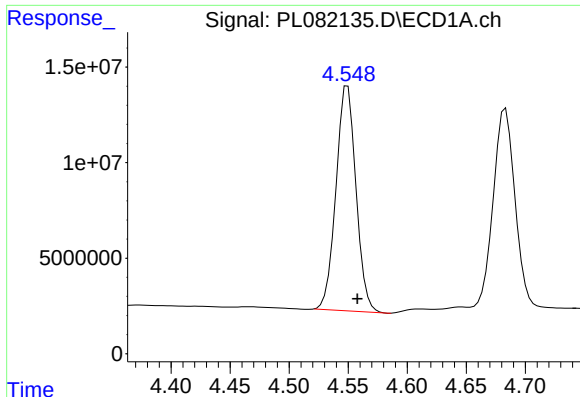
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.008 min
Response: 64230165
Conc: 42.68 ng/ml



#6 beta-BHC

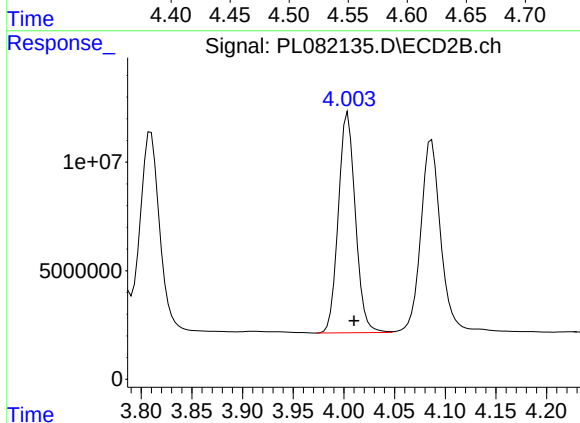
R.T.: 3.777 min
Delta R.T.: -0.006 min
Response: 52516559
Conc: 44.10 ng/ml



#7 delta-BHC

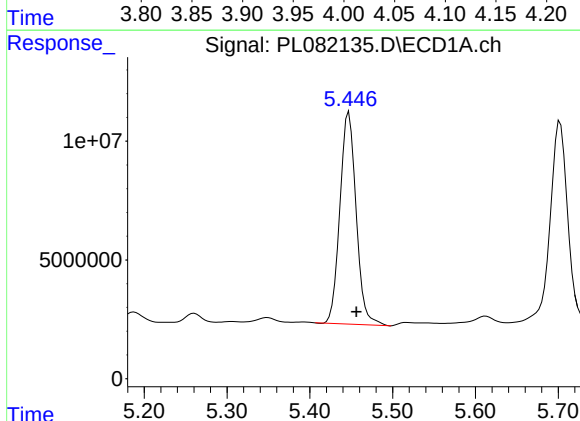
R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 138755230
Conc: 45.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



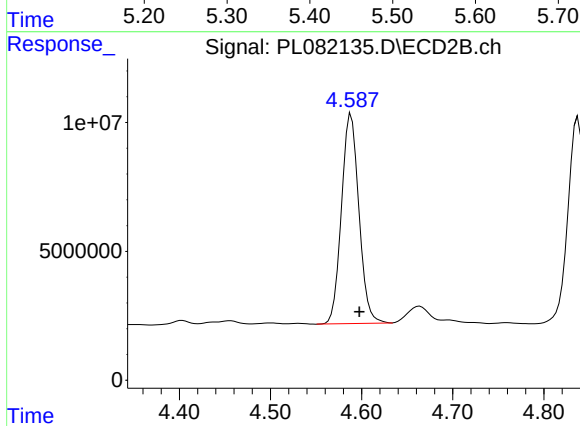
#7 delta-BHC

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 118556211
Conc: 45.84 ng/ml



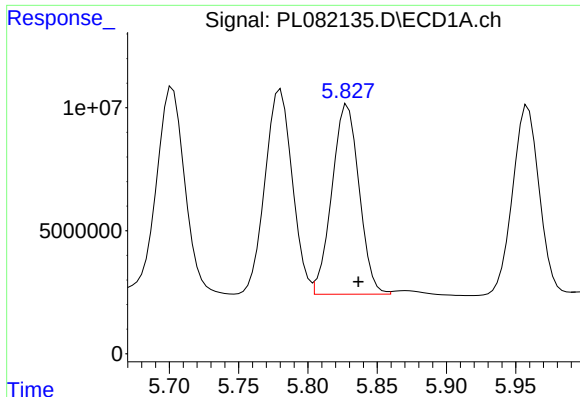
#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: -0.009 min
Response: 121748878
Conc: 44.76 ng/ml



#8 Heptachlor epoxide

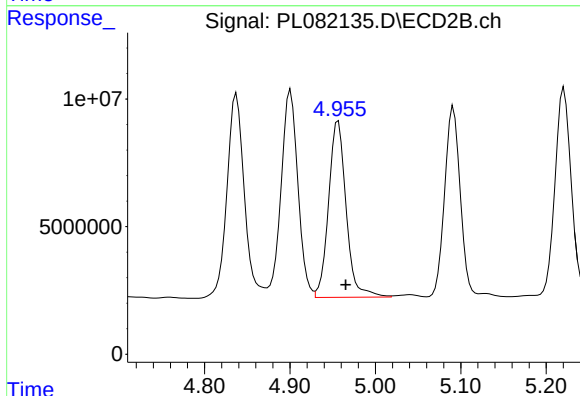
R.T.: 4.588 min
Delta R.T.: -0.009 min
Response: 108290209
Conc: 44.59 ng/ml



#9 Endosulfan I

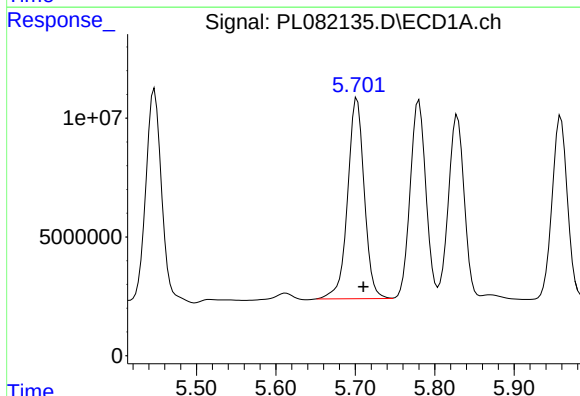
R.T.: 5.829 min
Delta R.T.: -0.008 min
Response: 105356950
Conc: 42.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



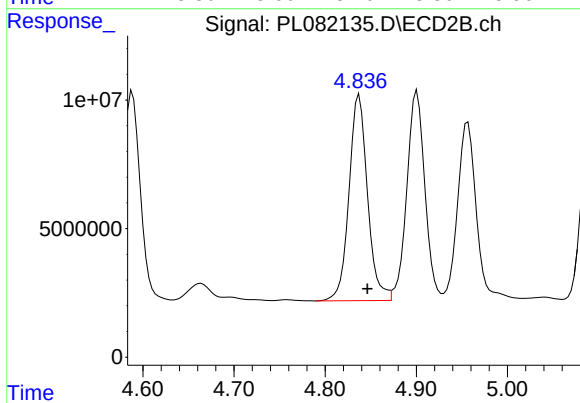
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.009 min
Response: 99143851
Conc: 44.91 ng/ml



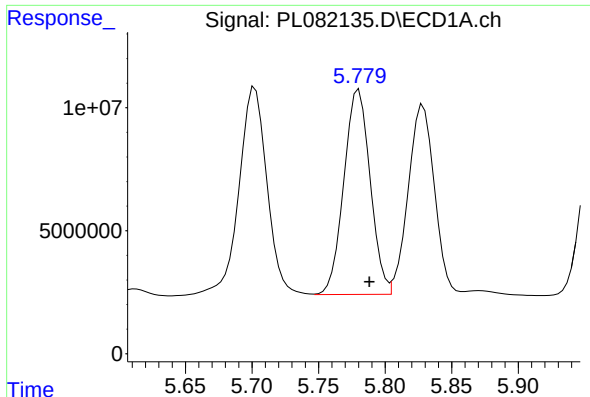
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 123112632
Conc: 46.90 ng/ml



#10 gamma-Chlordane

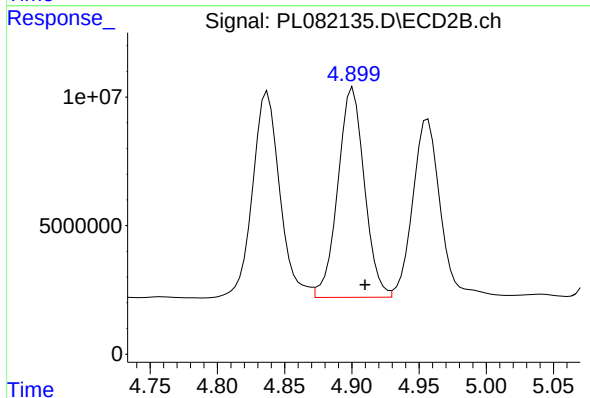
R.T.: 4.837 min
Delta R.T.: -0.009 min
Response: 113042732
Conc: 46.51 ng/ml



#11 alpha-Chlordane

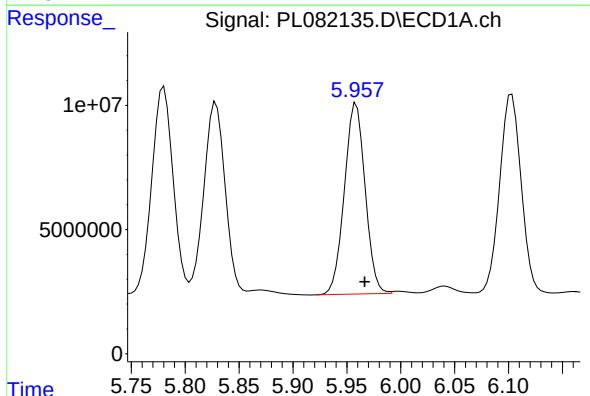
R.T.: 5.780 min
Delta R.T.: -0.008 min
Response: 114608458
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



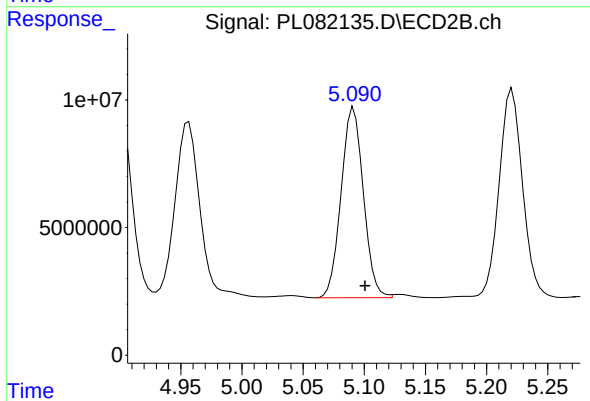
#11 alpha-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.009 min
Response: 111776135
Conc: 46.02 ng/ml



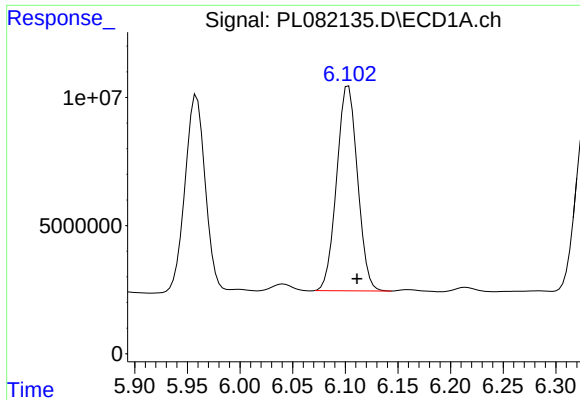
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 103046045
Conc: 45.72 ng/ml



#12 4,4'-DDE

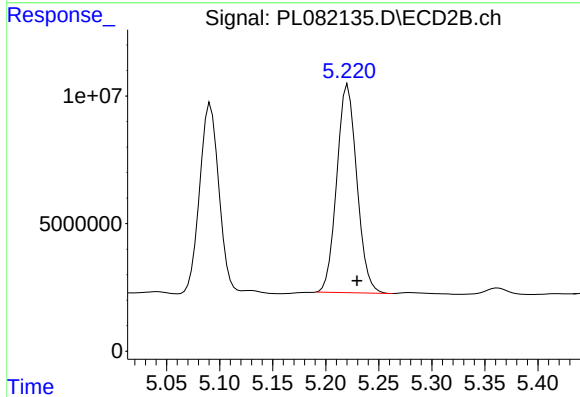
R.T.: 5.091 min
Delta R.T.: -0.009 min
Response: 94489108
Conc: 47.97 ng/ml



#13 Dieldrin

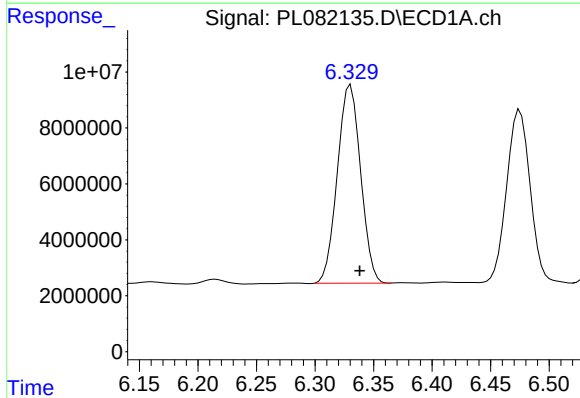
R.T.: 6.103 min
Delta R.T.: -0.008 min
Response: 110469537
Conc: 45.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



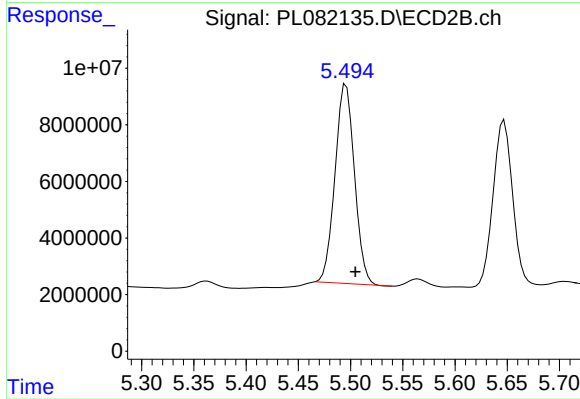
#13 Dieldrin

R.T.: 5.221 min
Delta R.T.: -0.009 min
Response: 107374013
Conc: 47.73 ng/ml



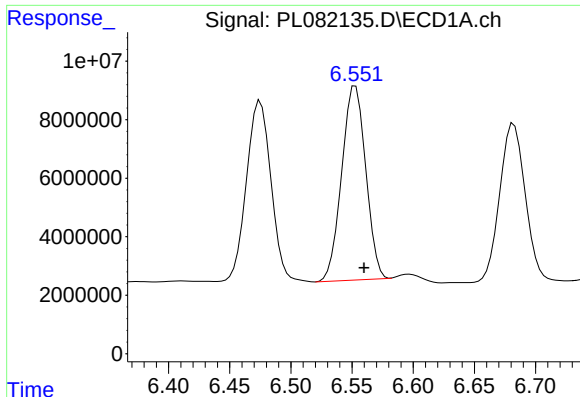
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 98162876
Conc: 46.41 ng/ml



#14 Endrin

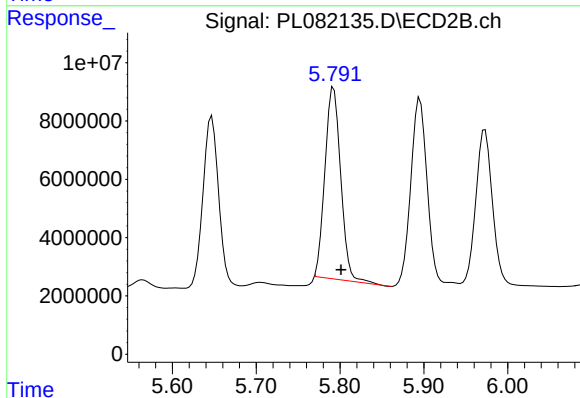
R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 91187236
Conc: 45.06 ng/ml



#15 Endosulfan II

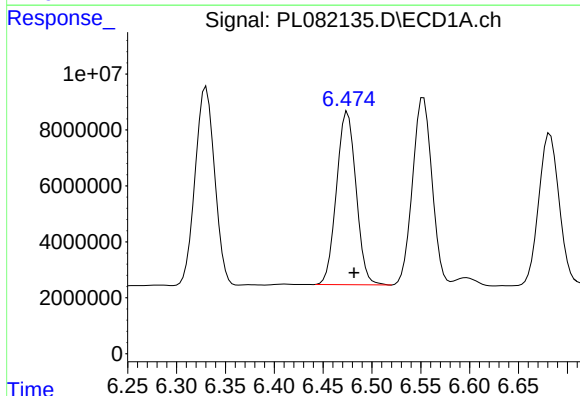
R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 90686538
Conc: 42.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



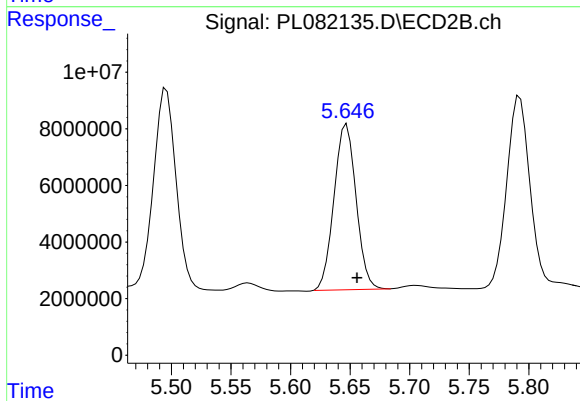
#15 Endosulfan II

R.T.: 5.792 min
Delta R.T.: -0.009 min
Response: 86232885
Conc: 47.54 ng/ml



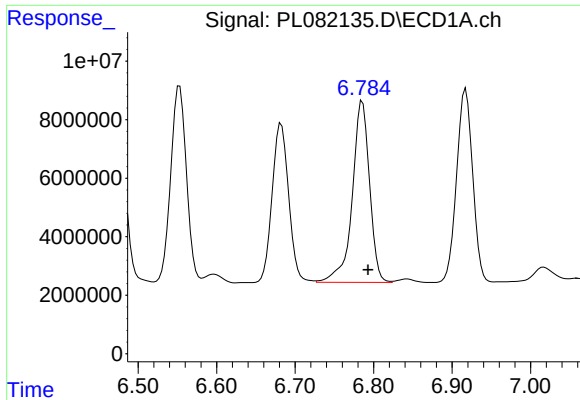
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 86372280
Conc: 47.89 ng/ml



#16 4,4'-DDD

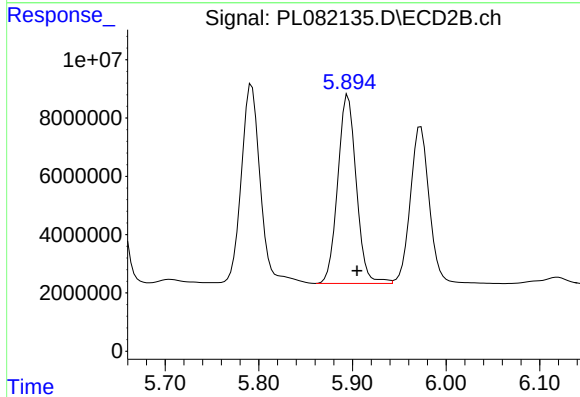
R.T.: 5.647 min
Delta R.T.: -0.009 min
Response: 75325068
Conc: 49.64 ng/ml



#17 4,4'-DDT

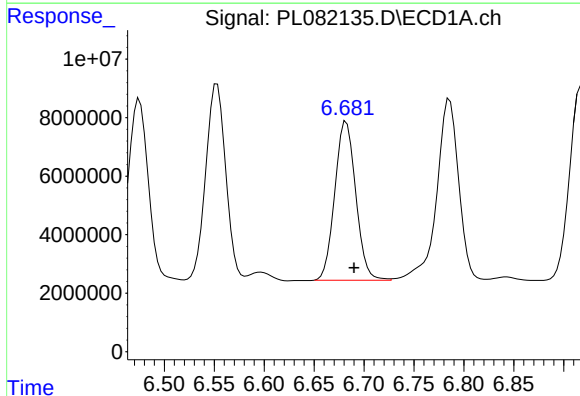
R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 95166294
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



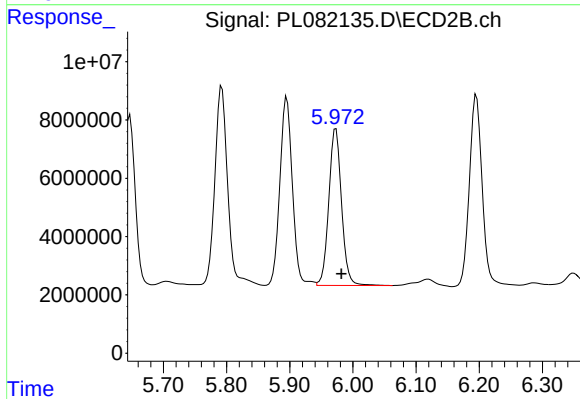
#17 4,4'-DDT

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 89148882
Conc: 51.73 ng/ml



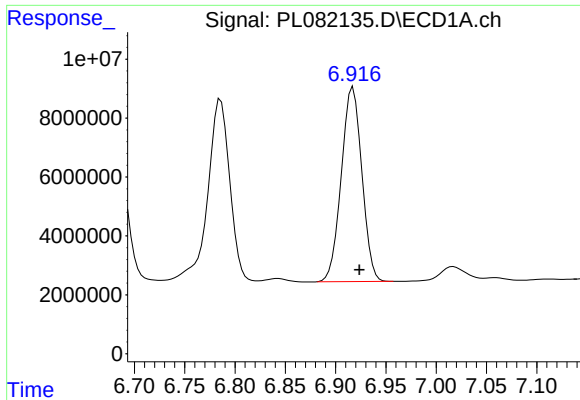
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 79495771
Conc: 48.59 ng/ml



#18 Endrin aldehyde

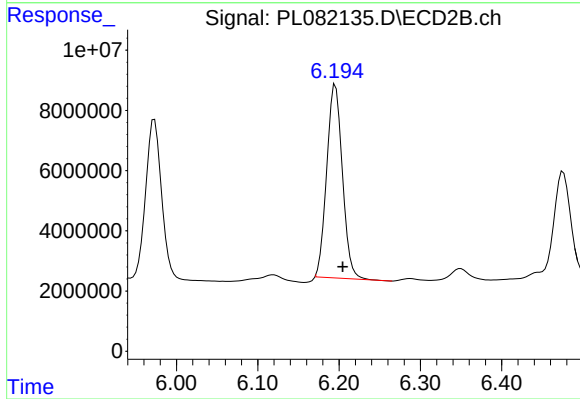
R.T.: 5.973 min
Delta R.T.: -0.009 min
Response: 75112386
Conc: 48.37 ng/ml



#19 Endosulfan Sulfate

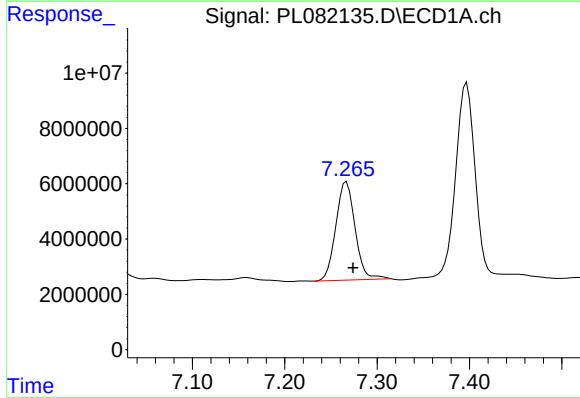
R.T.: 6.917 min
Delta R.T.: -0.006 min
Response: 93749061
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



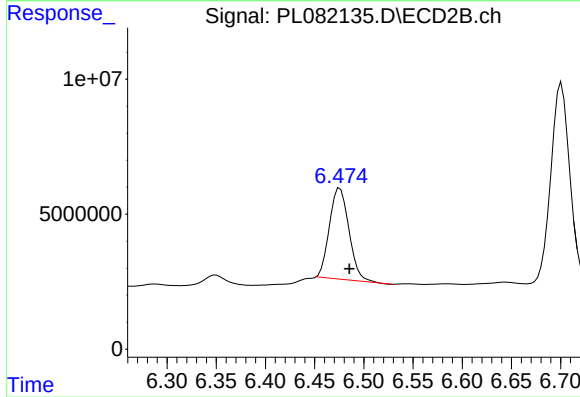
#19 Endosulfan Sulfate

R.T.: 6.196 min
Delta R.T.: -0.009 min
Response: 86473463
Conc: 44.44 ng/ml



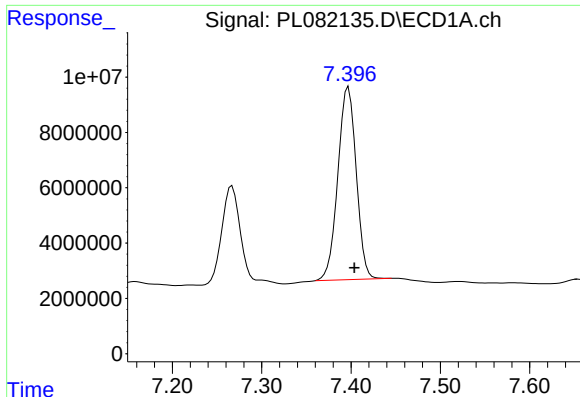
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 51605618
Conc: 47.92 ng/ml



#20 Methoxychlor

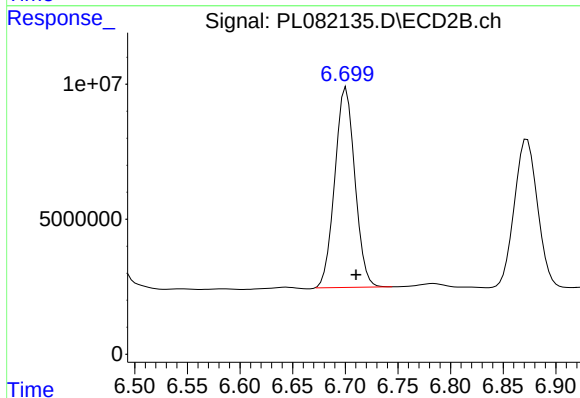
R.T.: 6.476 min
Delta R.T.: -0.010 min
Response: 46605847
Conc: 46.79 ng/ml



#21 Endrin ketone

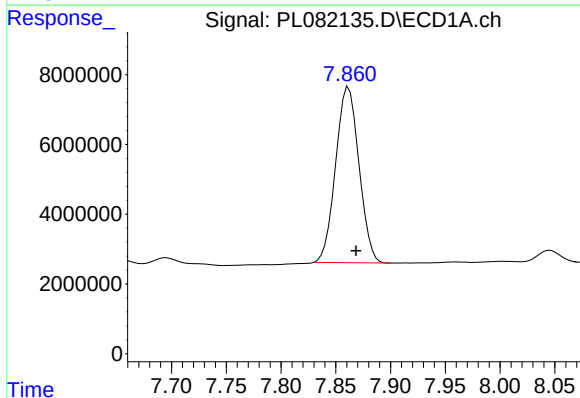
R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 99692940
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



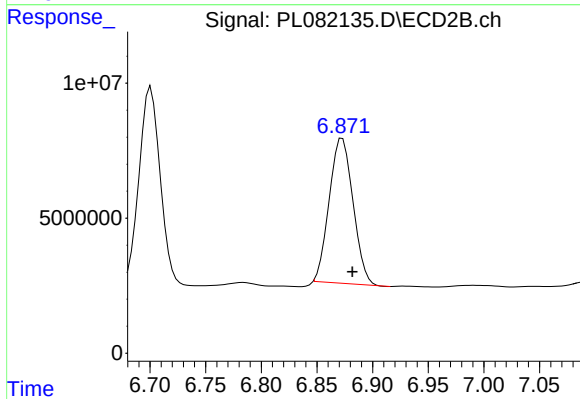
#21 Endrin ketone

R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 98443284
Conc: 46.07 ng/ml



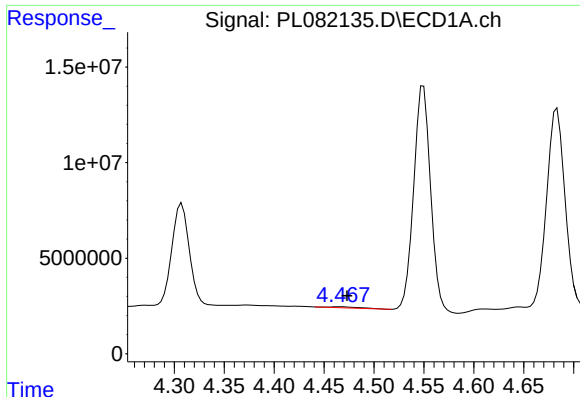
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.007 min
Response: 74643456
Conc: 43.57 ng/ml



#22 Mirex

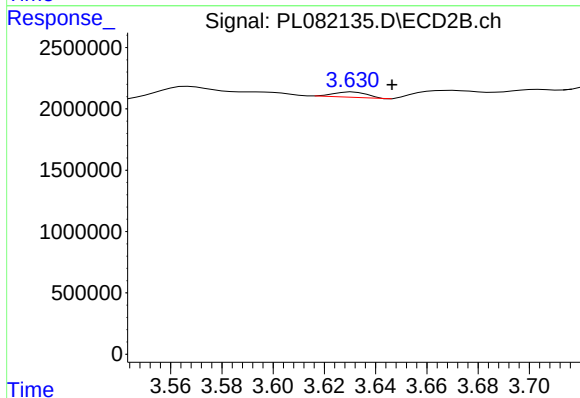
R.T.: 6.873 min
Delta R.T.: -0.009 min
Response: 79818766
Conc: 41.58 ng/ml



#23 Chlordane-1

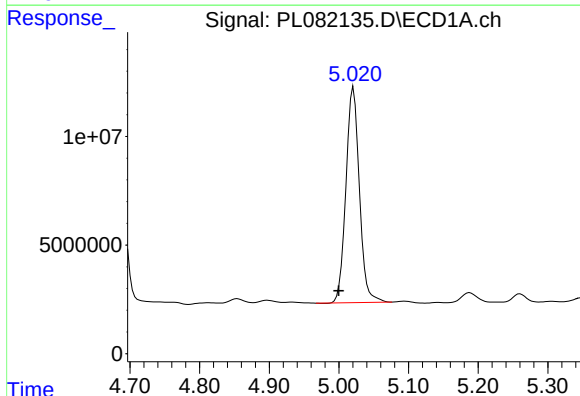
R.T.: 4.467 min
Delta R.T.: -0.007 min
Response: 1207376
Conc: 12.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



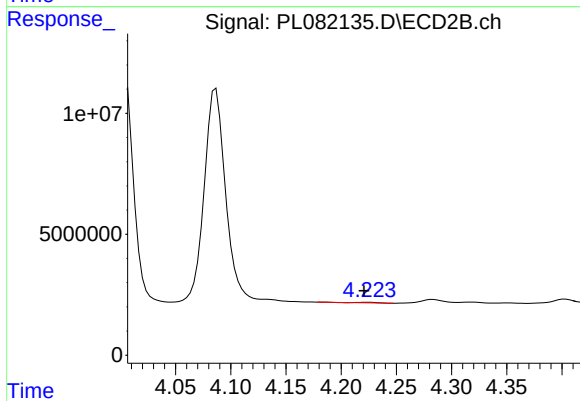
#23 Chlordane-1

R.T.: 3.631 min
Delta R.T.: -0.015 min
Response: 388945
Conc: 5.05 ng/ml



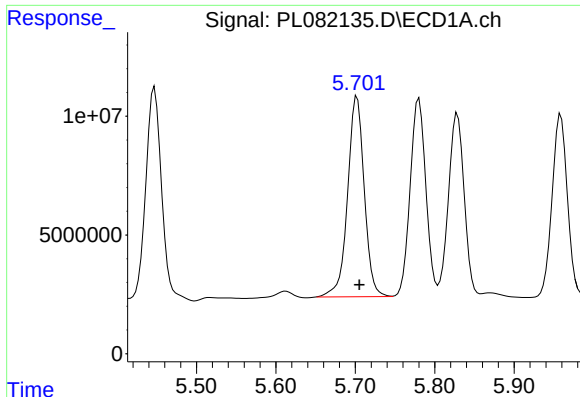
#24 Chlordane-2

R.T.: 5.021 min
Delta R.T.: 0.021 min
Response: 133325788
Conc: 1281.04 ng/ml



#24 Chlordane-2

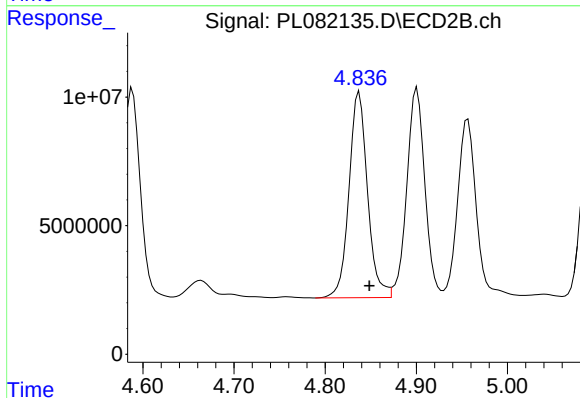
R.T.: 4.223 min
Delta R.T.: 0.003 min
Response: 207749
Conc: 2.22 ng/ml



#25 Chlordane-3

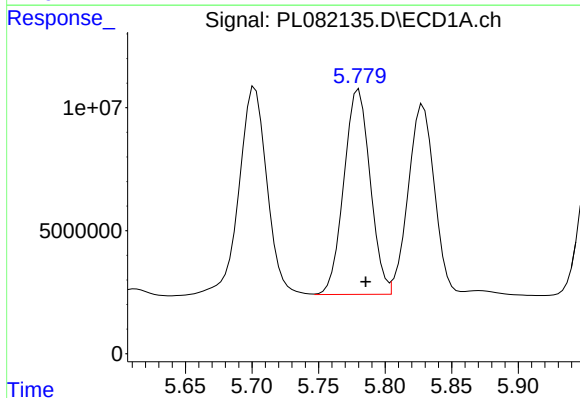
R.T.: 5.702 min
Delta R.T.: -0.003 min
Response: 123112632
Conc: 310.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



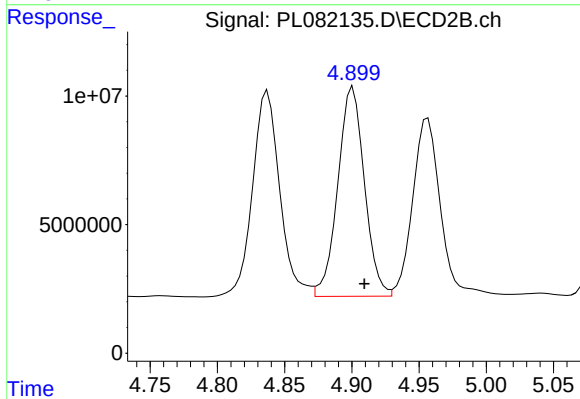
#25 Chlordane-3

R.T.: 4.837 min
Delta R.T.: -0.011 min
Response: 113042732
Conc: 448.81 ng/ml



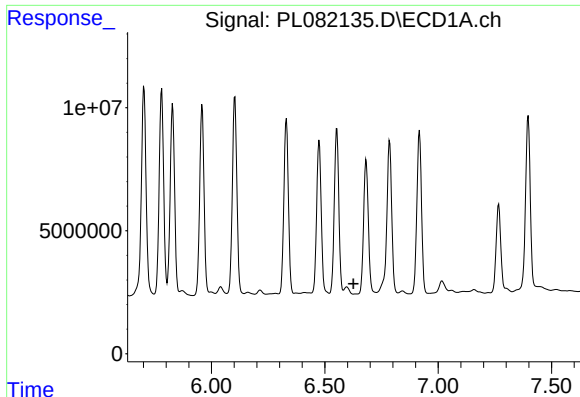
#26 Chlordane-4

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 114608458
Conc: 239.49 ng/ml



#26 Chlordane-4

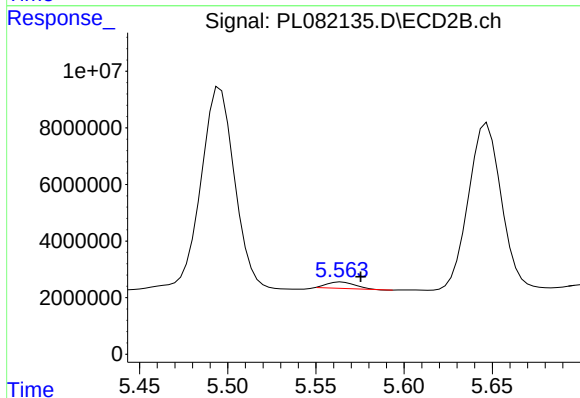
R.T.: 4.901 min
Delta R.T.: -0.008 min
Response: 111776135
Conc: 426.74 ng/ml



#27 Chlordane-5

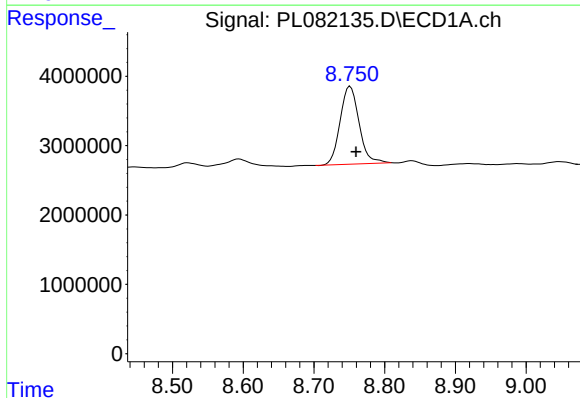
R.T.: 0.000 min
Exp R.T.: 6.627 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



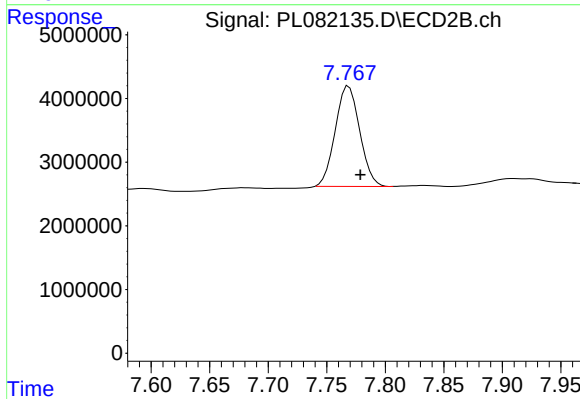
#27 Chlordane-5

R.T.: 5.564 min
Delta R.T.: -0.011 min
Response: 2549382
Conc: 38.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.008 min
Response: 20954050
Conc: 11.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.010 min
Response: 22882929
Conc: 11.54 ng/ml