

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081319\
 Data File : PL051434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2019 21:41
 Operator : SM\AJ
 Sample : K4309-01MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S-22MS

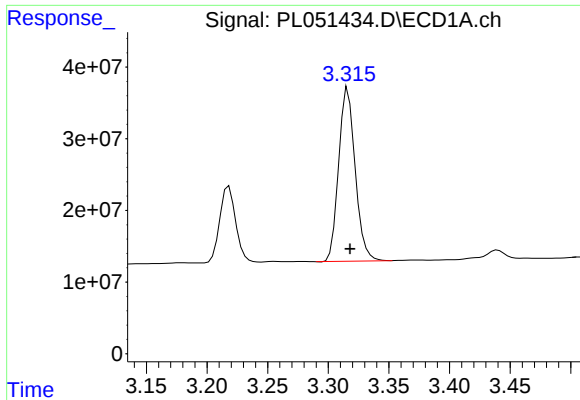
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 00:47:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.316	3.927	229.0E6	62901874	22.795	22.046
2)	SA Decachlor...	7.977	8.956	182.6E6	50954454	18.029	18.018
Target Compounds							
2)	A alpha-BHC	3.743	4.315	945.9E6	230.6E6	56.447	55.901
3)	MA gamma-BHC...	4.019	4.599	861.0E6	217.2E6	55.976	56.085
4)	MA Heptachlor	4.302	5.100	906.0E6	222.2E6	55.217	53.579
5)	MB Aldrin	4.540	5.402	847.7E6	209.5E6	54.723	55.601
6)	B beta-BHC	4.273	4.775	360.4E6	99032331	54.977	57.282
7)	B delta-BHC	4.466	4.989	739.3E6	163.9E6	45.056	42.372
8)	B Heptachlo...	4.976	5.789	786.3E6	190.9E6	53.224	49.923
9)	A Endosulfan I	5.307	6.143	730.3E6	183.1E6	50.213	53.239
10)	B gamma-Chl...	5.198	6.023	800.0E6	193.6E6	50.688	52.383
11)	B alpha-Chl...	5.255	6.094	753.9E6	194.4E6	49.418	53.039
12)	B 4,4'-DDE	5.422	6.255	756.2E6	192.6E6	50.458	53.448
13)	MA Dieldrin	5.545	6.400	785.0E6	193.2E6	50.655	54.546
14)	MA Endrin	5.798	6.617	735.9E6	163.6E6	49.989	52.758
15)	B Endosulfa...	6.073	6.829	664.4E6	166.2E6	47.473	52.275
16)	A 4,4'-DDD	5.932	6.745	602.2E6	141.7E6	50.251	53.196
17)	MA 4,4'-DDT	6.166	7.042	595.0E6	142.4E6	48.037	52.736
18)	B Endrin al...	6.240	6.953	517.7E6	127.0E6	44.872	46.734
19)	B Endosulfa...	6.451	7.177	626.8E6	158.5E6	49.200	54.861
20)	A Methoxychlor	6.711	7.502	297.6E6	80222053	47.700	54.674
21)	B Endrin ke...	6.932	7.645	662.0E6	168.5E6	48.399	58.294
22)	Mirex	7.106	8.093	434.5E6	113.4E6	44.316	49.372
24)	Chlordane-2	0.000	5.402f	0	209.5E6	N.D.	1783.895 #
25)	Chlordane-3	5.198	6.023	800.0E6	193.6E6	571.534	402.450 #
26)	Chlordane-4	5.255	6.094	753.9E6	194.4E6	571.597	334.639 #
27)	Chlordane-5	6.073	0.000	664.4E6	0	1307.994	N.D. #

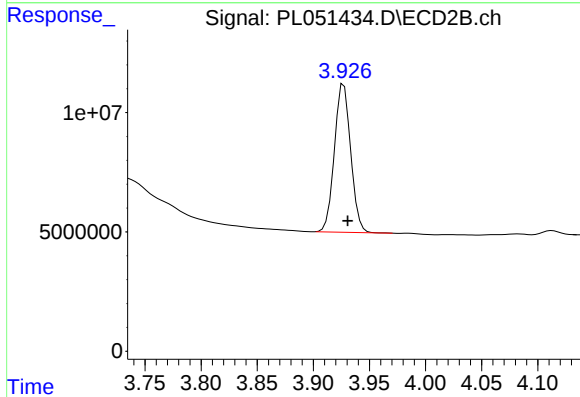
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

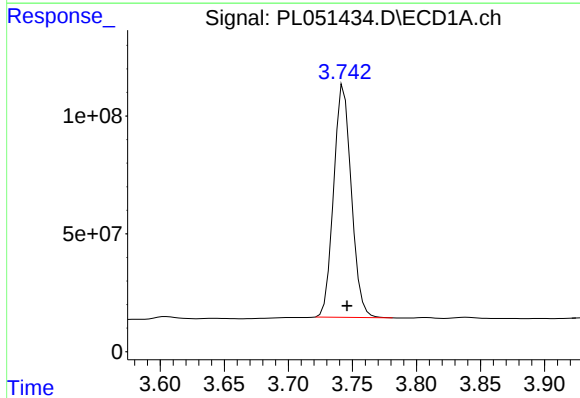
R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 229036144
Conc: 22.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



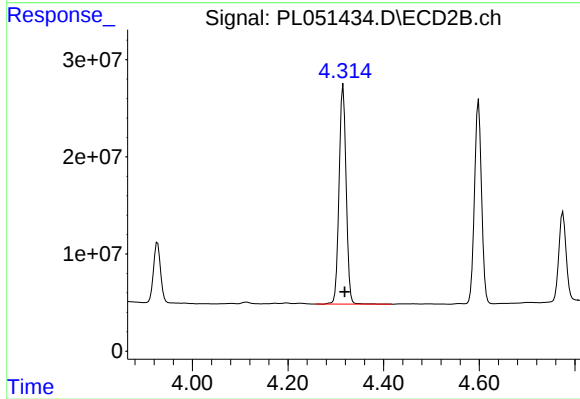
#1 Tetrachloro-m-xylene

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 62901874
Conc: 22.05 ng/ml



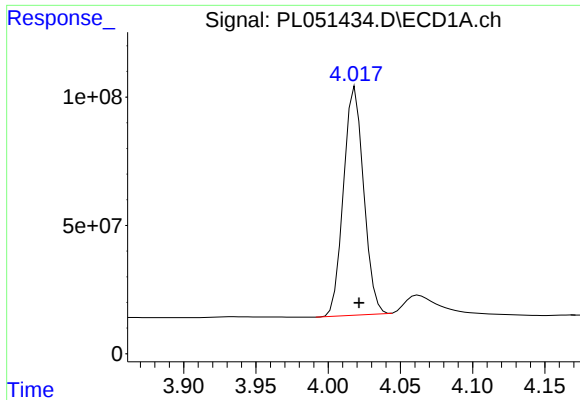
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: -0.002 min
Response: 945924665
Conc: 56.45 ng/ml



#2 alpha-BHC

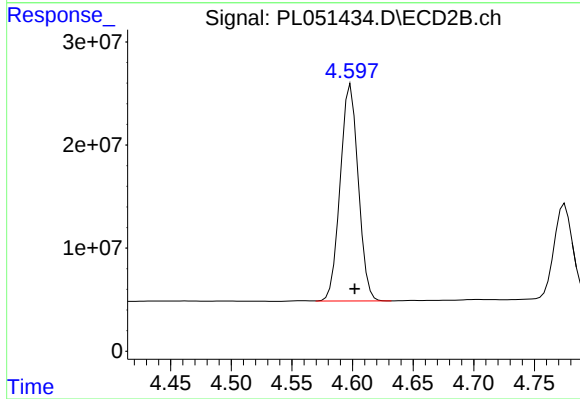
R.T.: 4.315 min
Delta R.T.: -0.003 min
Response: 230647659
Conc: 55.90 ng/ml



#3 gamma-BHC (Lindane)

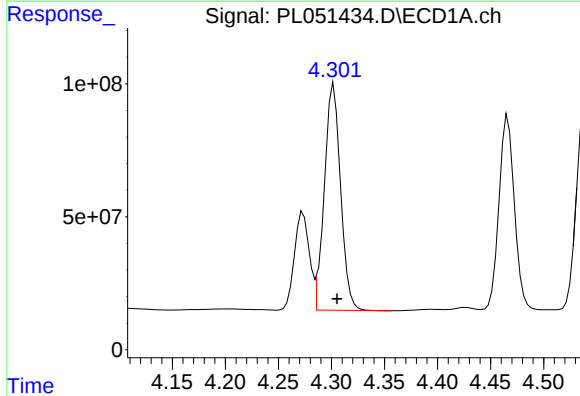
R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 861001167
Conc: 55.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



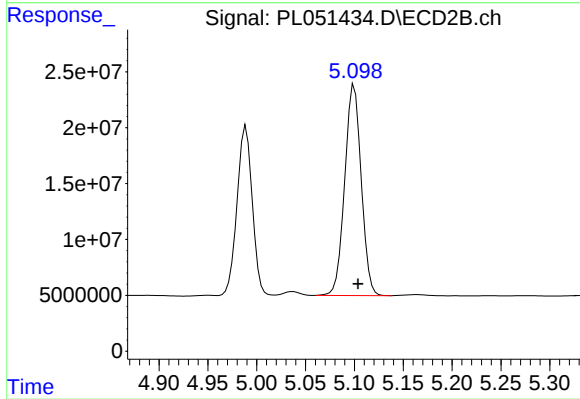
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 217226106
Conc: 56.08 ng/ml



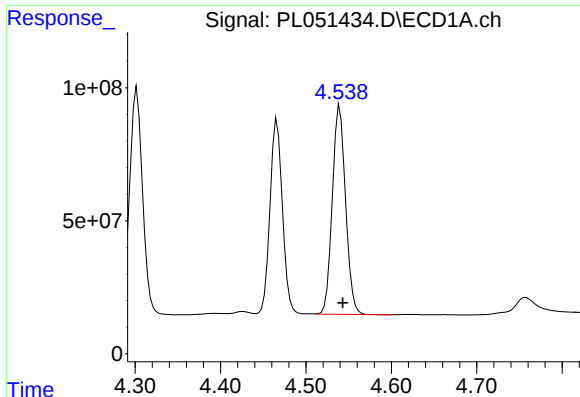
#4 Heptachlor

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 906000756
Conc: 55.22 ng/ml



#4 Heptachlor

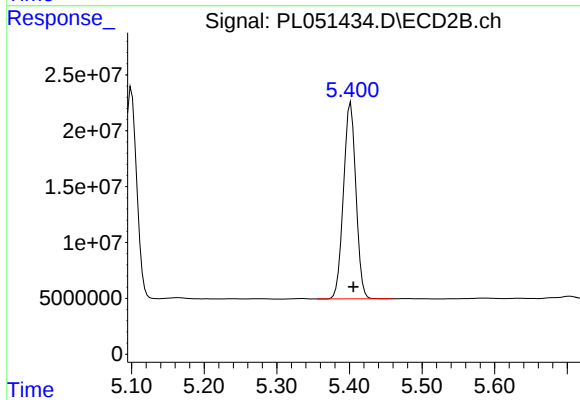
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 222175178
Conc: 53.58 ng/ml



#5 Aldrin

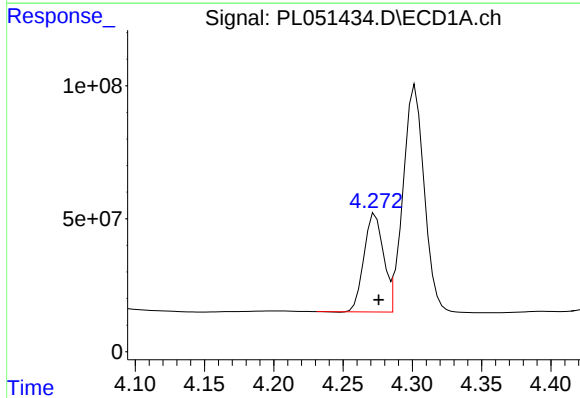
R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 847748171
Conc: 54.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



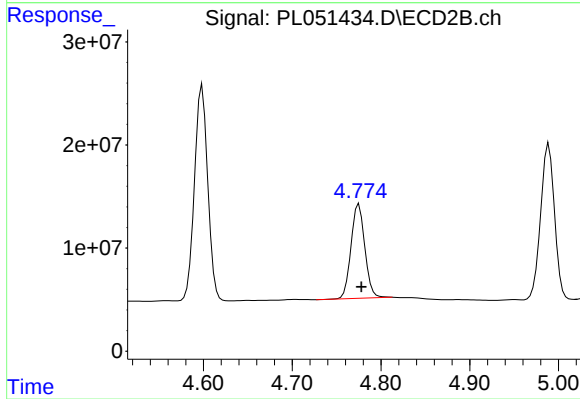
#5 Aldrin

R.T.: 5.402 min
Delta R.T.: -0.004 min
Response: 209522851
Conc: 55.60 ng/ml



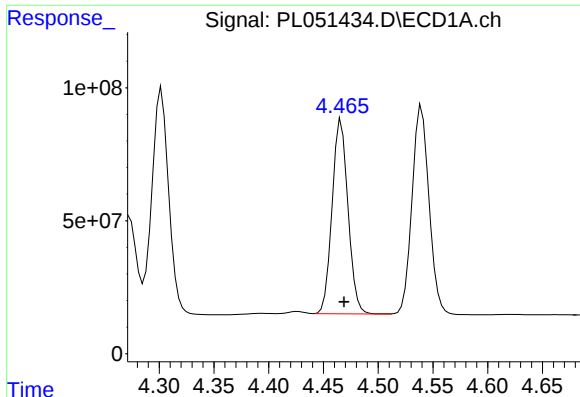
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.003 min
Response: 360421948
Conc: 54.98 ng/ml



#6 beta-BHC

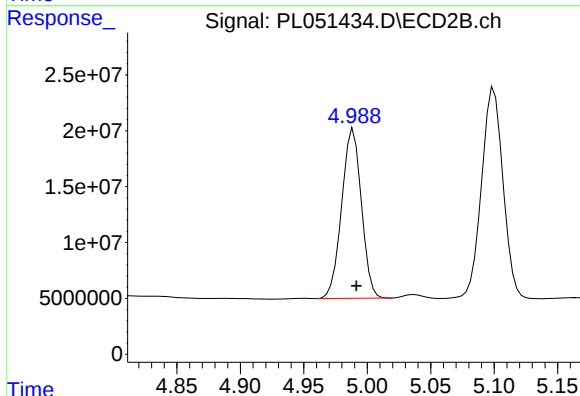
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 99032331
Conc: 57.28 ng/ml



#7 delta-BHC

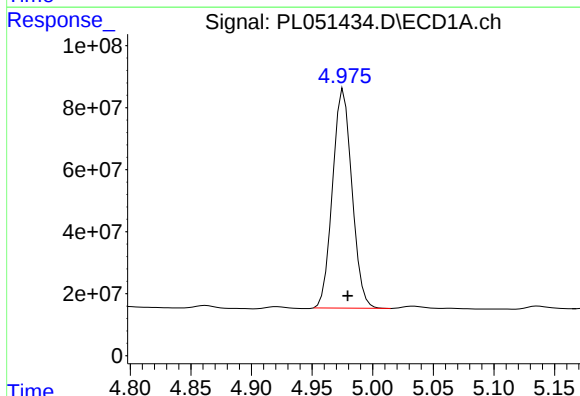
R.T.: 4.466 min
Delta R.T.: -0.003 min
Response: 739318141
Conc: 45.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



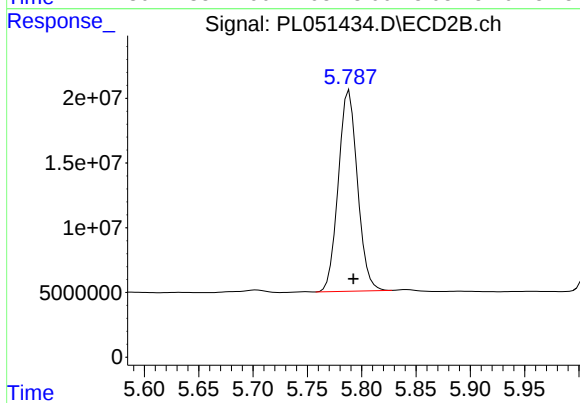
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 163879285
Conc: 42.37 ng/ml



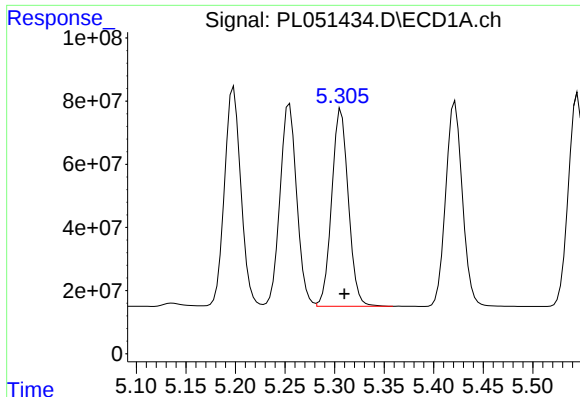
#8 Heptachlor epoxide

R.T.: 4.976 min
Delta R.T.: -0.003 min
Response: 786318193
Conc: 53.22 ng/ml



#8 Heptachlor epoxide

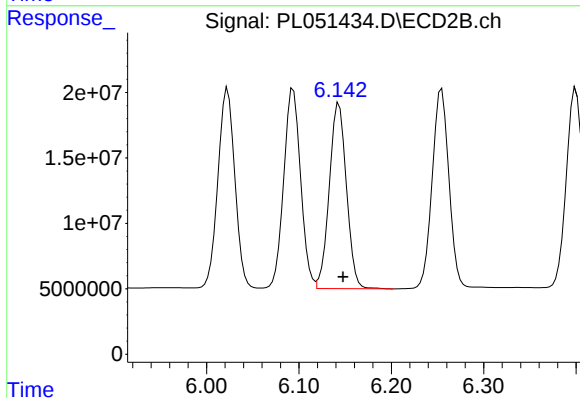
R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 190947743
Conc: 49.92 ng/ml



#9 Endosulfan I

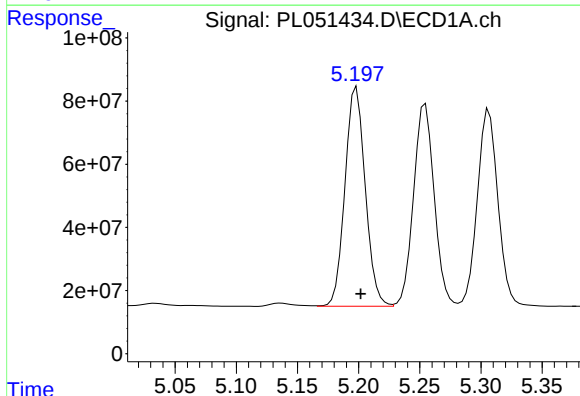
R.T.: 5.307 min
Delta R.T.: -0.003 min
Response: 730285451
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



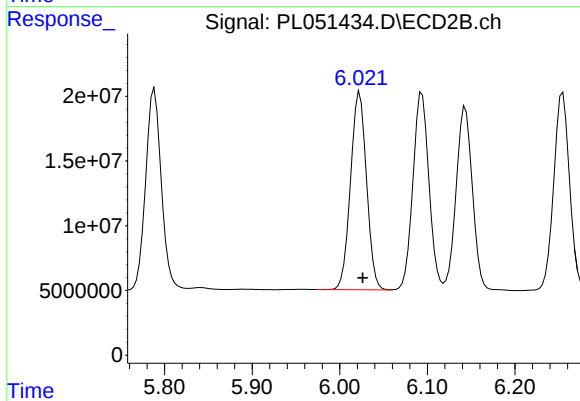
#9 Endosulfan I

R.T.: 6.143 min
Delta R.T.: -0.004 min
Response: 183083017
Conc: 53.24 ng/ml



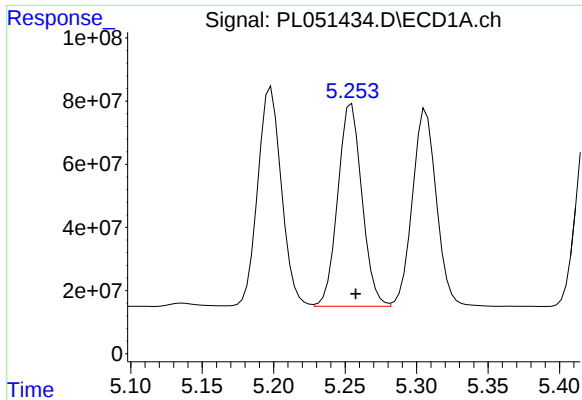
#10 gamma-Chlordane

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 800026365
Conc: 50.69 ng/ml



#10 gamma-Chlordane

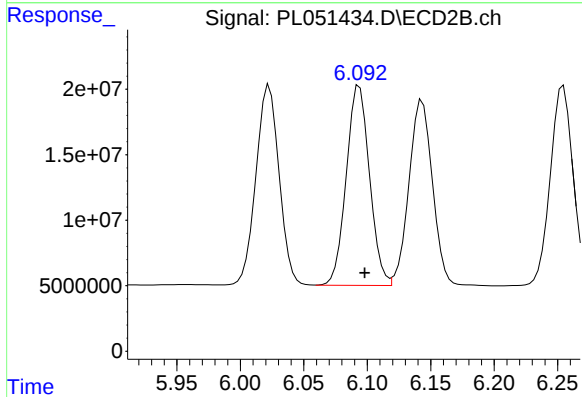
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 193570484
Conc: 52.38 ng/ml



#11 alpha-Chlordane

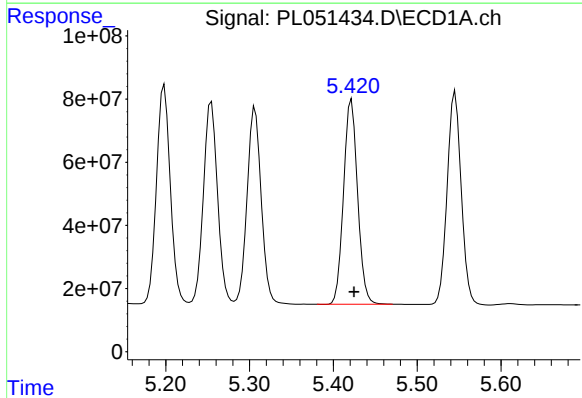
R.T.: 5.255 min
Delta R.T.: -0.003 min
Response: 753925252
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



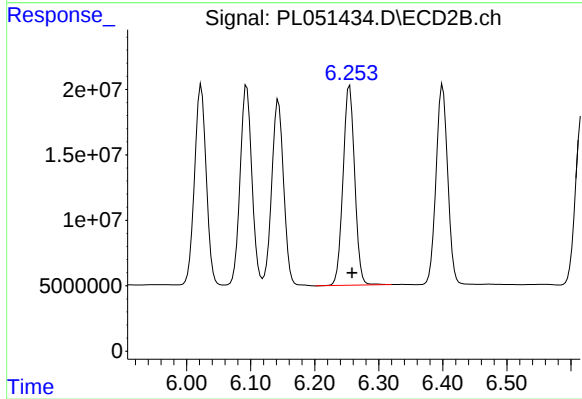
#11 alpha-Chlordane

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 194397921
Conc: 53.04 ng/ml



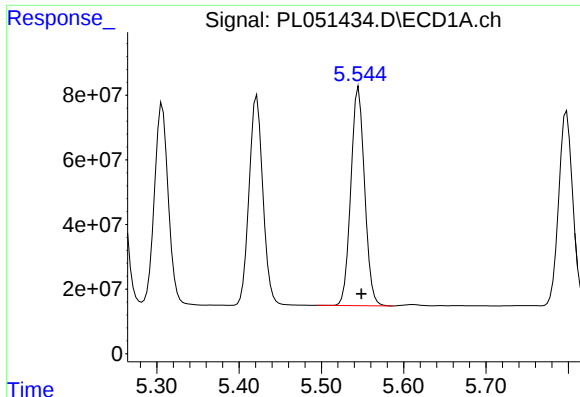
#12 4,4'-DDE

R.T.: 5.422 min
Delta R.T.: -0.003 min
Response: 756161709
Conc: 50.46 ng/ml



#12 4,4'-DDE

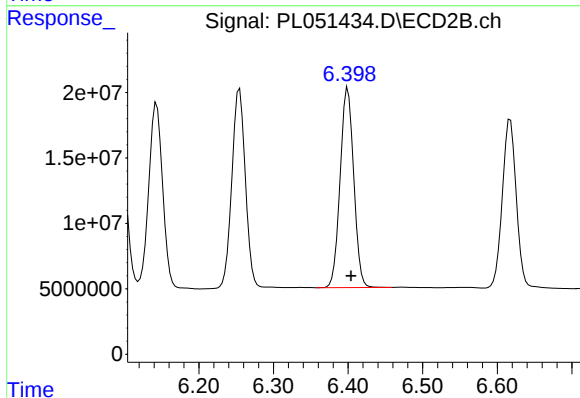
R.T.: 6.255 min
Delta R.T.: -0.004 min
Response: 192595334
Conc: 53.45 ng/ml



#13 Dieldrin

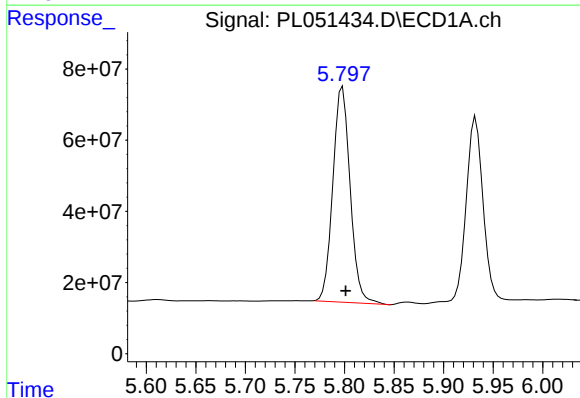
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 784993844
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



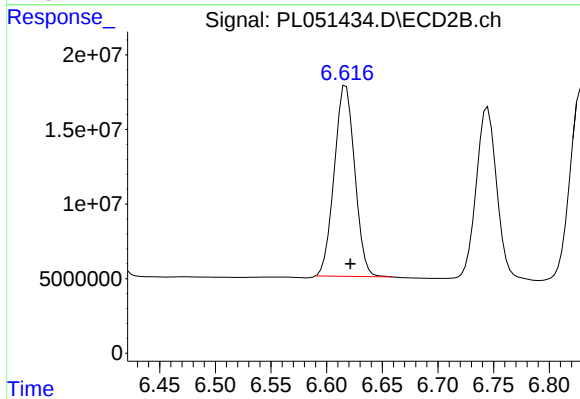
#13 Dieldrin

R.T.: 6.400 min
Delta R.T.: -0.004 min
Response: 193156428
Conc: 54.55 ng/ml



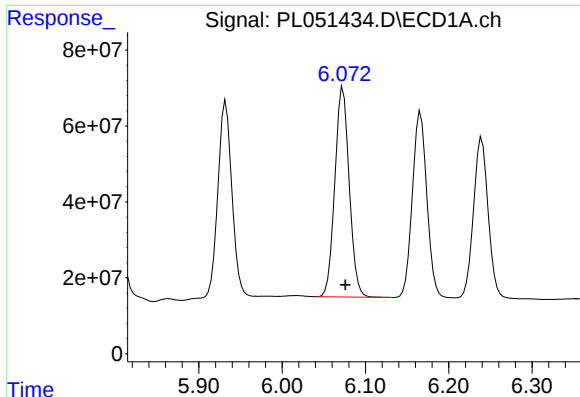
#14 Endrin

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 735858274
Conc: 49.99 ng/ml



#14 Endrin

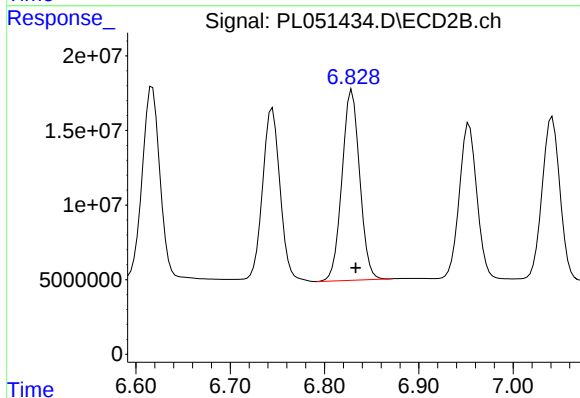
R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 163625857
Conc: 52.76 ng/ml



#15 Endosulfan II

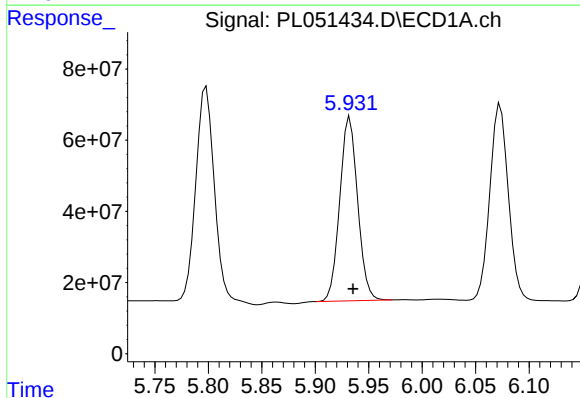
R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 664378786
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



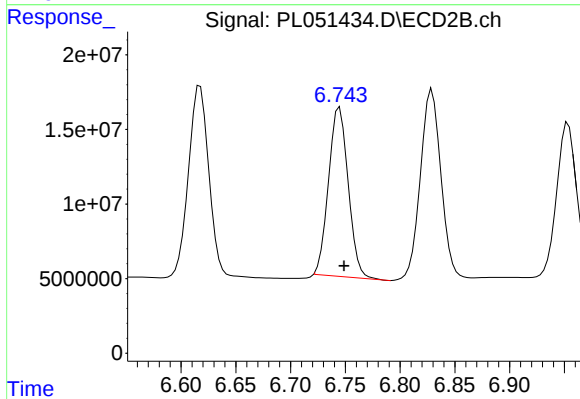
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 166192994
Conc: 52.28 ng/ml



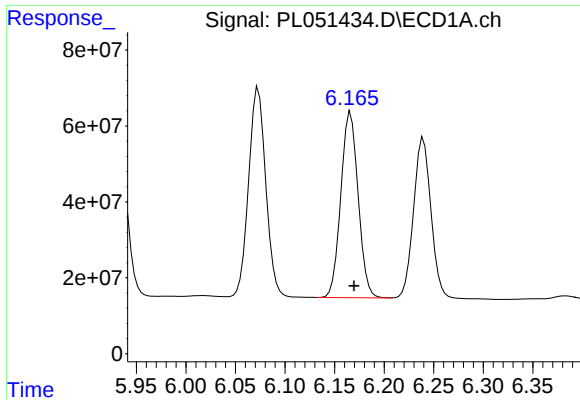
#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 602195019
Conc: 50.25 ng/ml



#16 4,4'-DDD

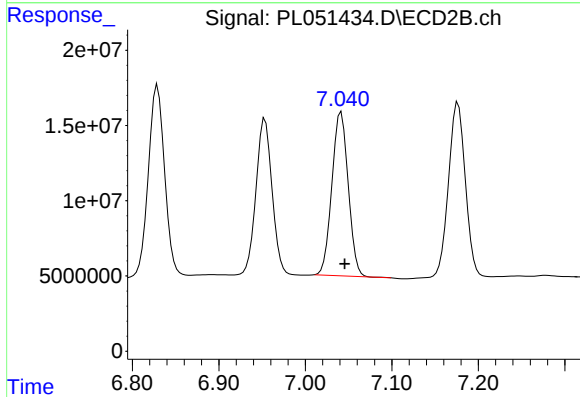
R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 141654691
Conc: 53.20 ng/ml



#17 4,4'-DDT

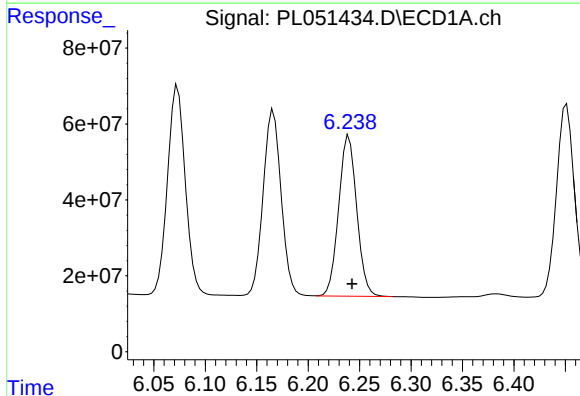
R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 594974938
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



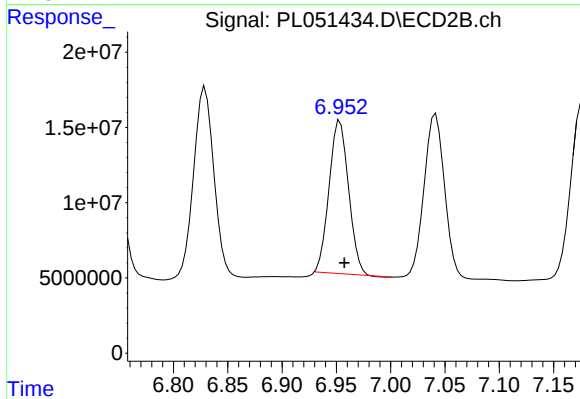
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.004 min
Response: 142367056
Conc: 52.74 ng/ml



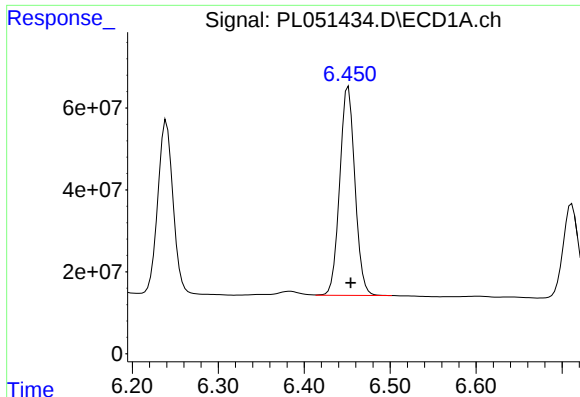
#18 Endrin aldehyde

R.T.: 6.240 min
Delta R.T.: -0.003 min
Response: 517658760
Conc: 44.87 ng/ml



#18 Endrin aldehyde

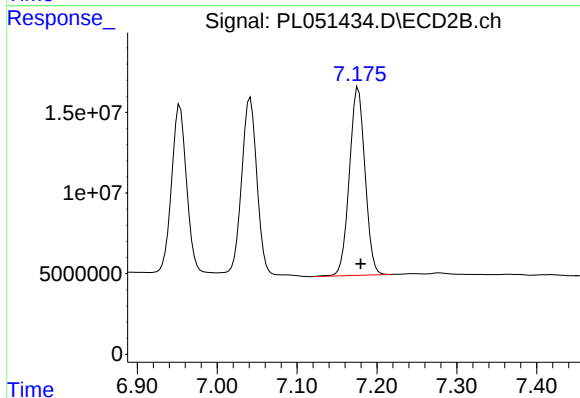
R.T.: 6.953 min
Delta R.T.: -0.004 min
Response: 127004178
Conc: 46.73 ng/ml



#19 Endosulfan Sulfate

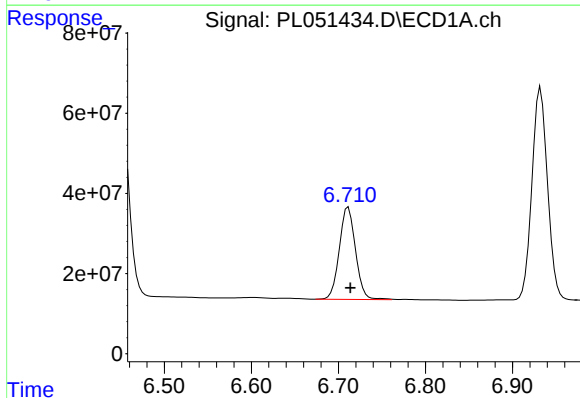
R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 626781683
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



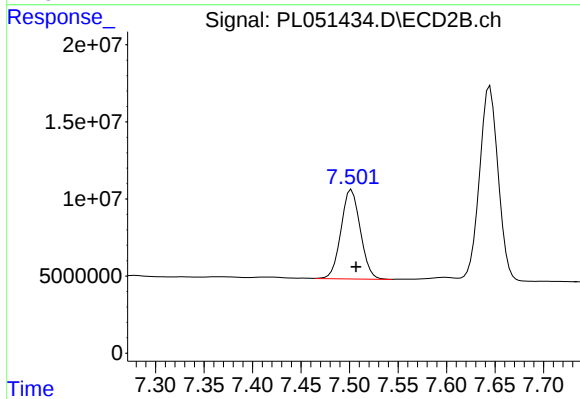
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 158452249
Conc: 54.86 ng/ml



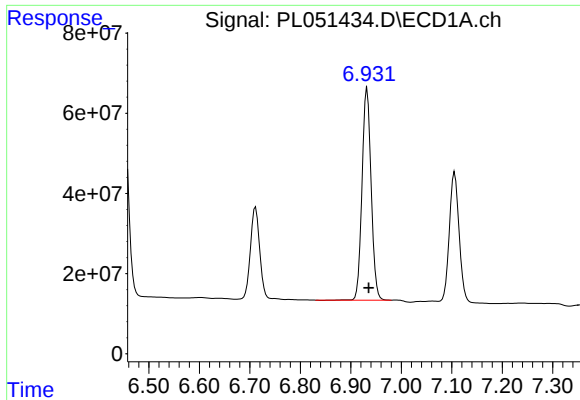
#20 Methoxychlor

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 297598782
Conc: 47.70 ng/ml



#20 Methoxychlor

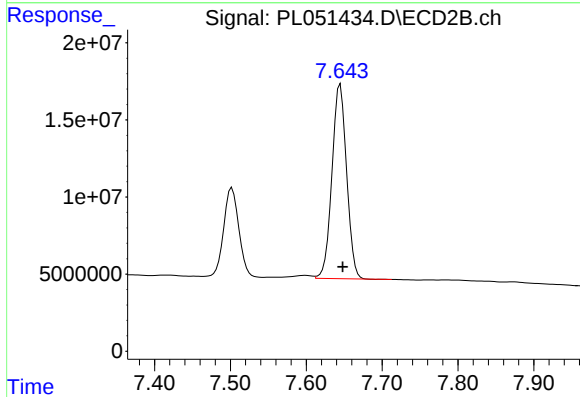
R.T.: 7.502 min
Delta R.T.: -0.005 min
Response: 80222053
Conc: 54.67 ng/ml



#21 Endrin ketone

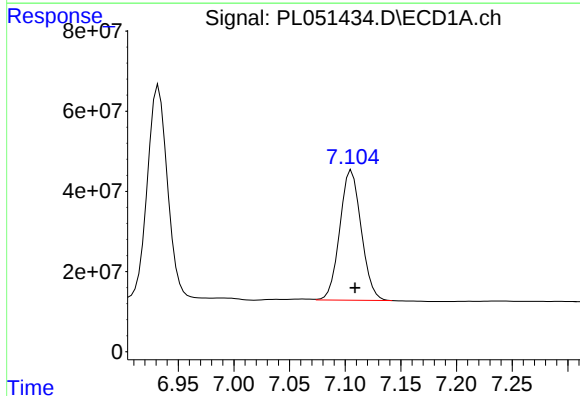
R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 661977834
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



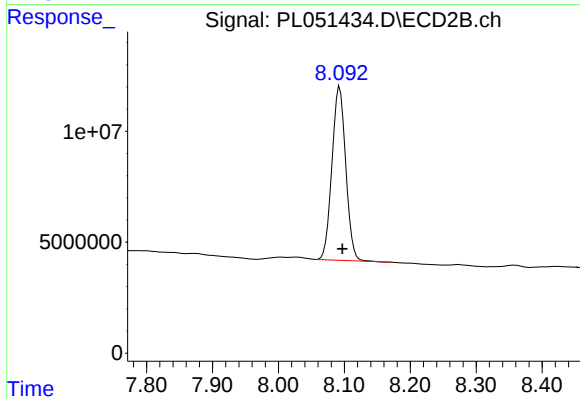
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 168543202
Conc: 58.29 ng/ml



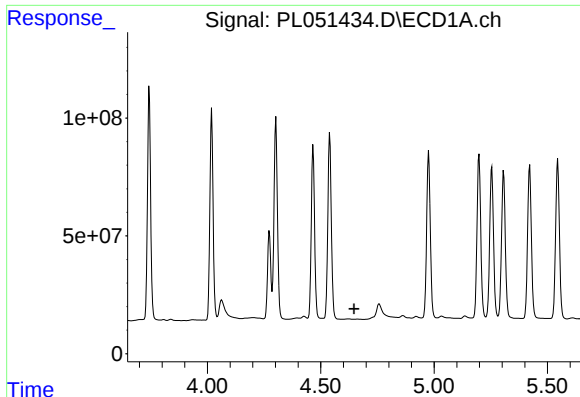
#22 Mirex

R.T.: 7.106 min
Delta R.T.: -0.003 min
Response: 434490742
Conc: 44.32 ng/ml



#22 Mirex

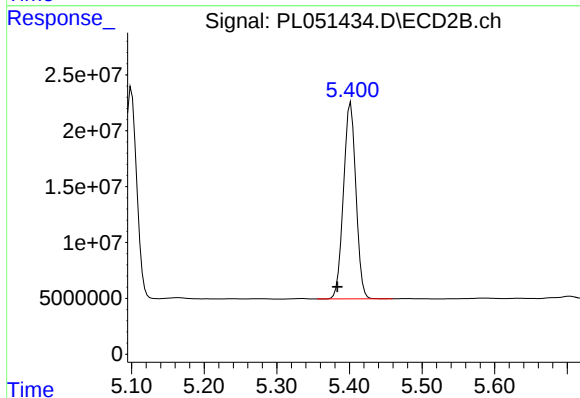
R.T.: 8.093 min
Delta R.T.: -0.004 min
Response: 113406650
Conc: 49.37 ng/ml



#24 Chlordane-2

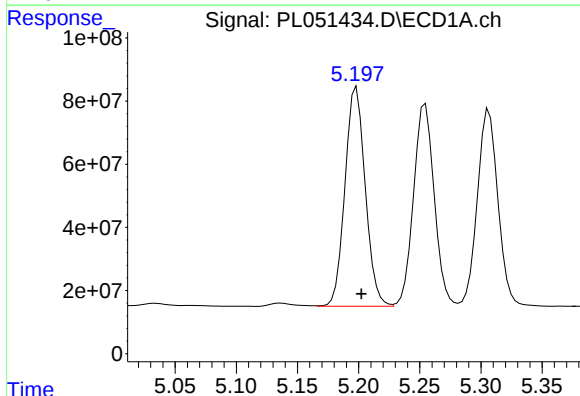
R.T.: 0.000 min
Exp R.T.: 4.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
S-22MS



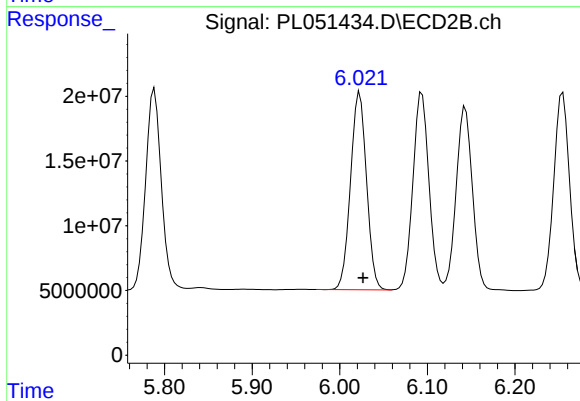
#24 Chlordane-2

R.T.: 5.402 min
Delta R.T.: 0.019 min
Response: 209522851
Conc: 1783.89 ng/ml



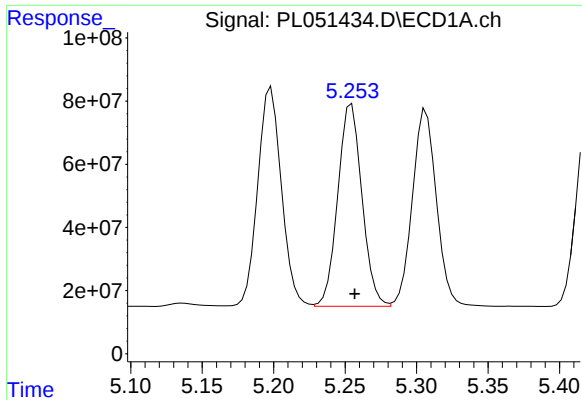
#25 Chlordane-3

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 800026365
Conc: 571.53 ng/ml



#25 Chlordane-3

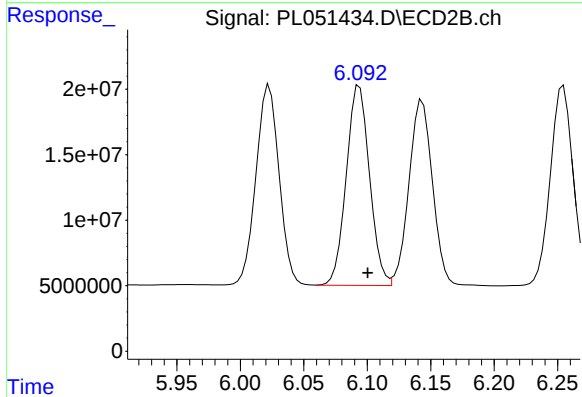
R.T.: 6.023 min
Delta R.T.: -0.004 min
Response: 193570484
Conc: 402.45 ng/ml



#26 Chlordane-4

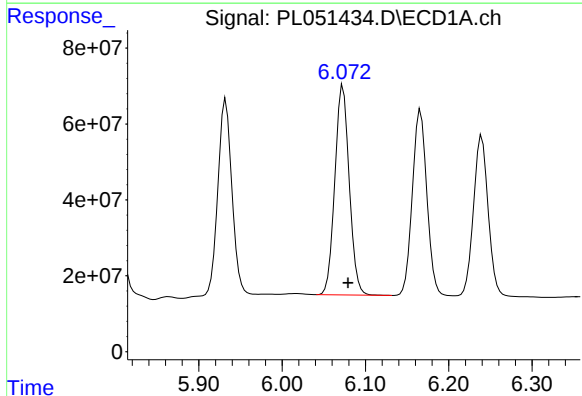
R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 753925252
Conc: 571.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



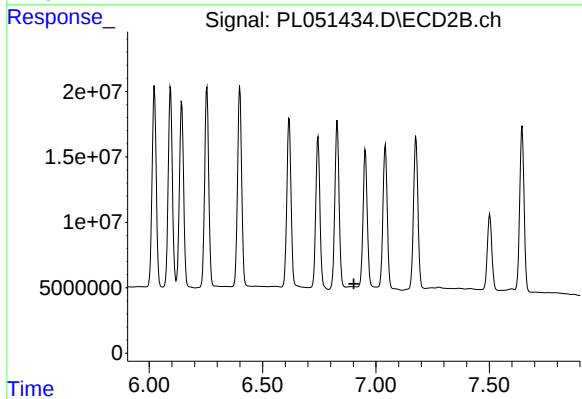
#26 Chlordane-4

R.T.: 6.094 min
Delta R.T.: -0.006 min
Response: 194397921
Conc: 334.64 ng/ml



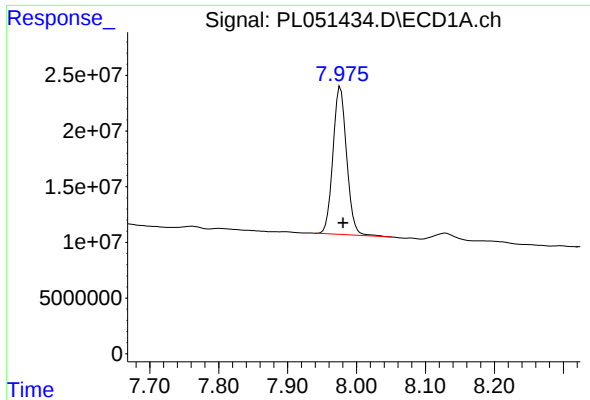
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.006 min
Response: 664378786
Conc: 1307.99 ng/ml



#27 Chlordane-5

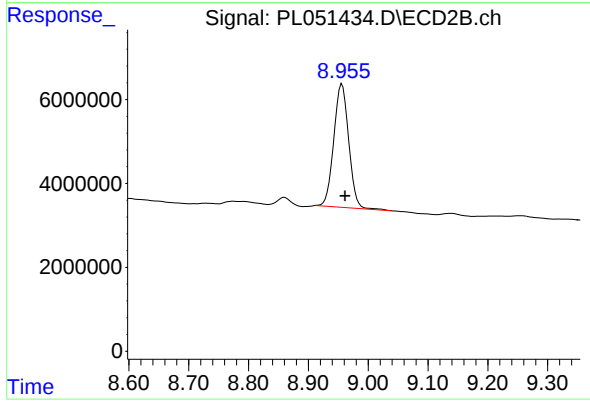
R.T.: 0.000 min
Exp R.T.: 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.977 min
Delta R.T.: -0.004 min
Response: 182554910
Conc: 18.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MS



#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.005 min
Response: 50954454
Conc: 18.02 ng/ml