

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122724\
 Data File : PL093551.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2024 17:40
 Operator : AR\AJ
 Sample : P5362-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-SOIL-20241219MSD

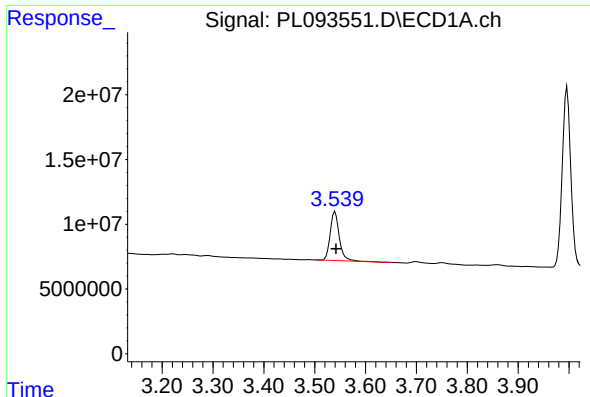
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 01:01:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.776	46818514	54956879	18.911	18.878
2)	SA Decachlor...	9.055	7.912	32488376	53908974	17.571	18.054
Target Compounds							
2)	A alpha-BHC	3.996	3.279	164.1E6	212.4E6	47.544	48.854
3)	MA gamma-BHC...	4.329	3.609	153.0E6	202.5E6	46.665	47.990
4)	MA Heptachlor	4.918	3.947	141.0E6	202.9E6	48.156	48.820
5)	MB Aldrin	5.259	4.227	132.1E6	191.4E6	45.414	46.649
6)	B beta-BHC	4.527	3.909	69095480	88309096	47.930	49.129
7)	B delta-BHC	4.774	4.137	153.2E6	204.0E6	50.020	48.238
8)	B Heptachlo...	5.685	4.729	124.5E6	182.7E6	47.254	47.726
9)	A Endosulfan I	6.071	5.099	112.9E6	174.5E6	47.862	49.949
10)	B gamma-Chl...	5.941	4.979	120.2E6	195.5E6	47.840	50.730
11)	B alpha-Chl...	6.020	5.043	121.1E6	189.9E6	48.393	49.884
12)	B 4,4'-DDE	6.194	5.232	110.3E6	186.3E6	49.172	50.670
13)	MA Dieldrin	6.346	5.363	120.4E6	192.1E6	48.247	49.850
14)	MA Endrin	6.575	5.639	97817007	162.2E6	45.445	49.016
15)	B Endosulfa...	6.796	5.934	105.5E6	170.0E6	46.397	52.332
16)	A 4,4'-DDD	6.711	5.786	90032578	153.3E6	51.273	54.163
17)	MA 4,4'-DDT	7.024	6.037	93705248	152.1E6	50.692	50.375
18)	B Endrin al...	6.925	6.113	82126950	128.3E6	46.281	47.625
19)	B Endosulfa...	7.160	6.336	98633362	160.2E6	48.852	50.800
20)	A Methoxychlor	7.501	6.612	48422943	79591142	48.439	49.447
21)	B Endrin ke...	7.644	6.840	112.0E6	190.1E6	49.929	52.213
22)	Mirex	8.117	7.021	83958922	137.6E6	44.929	45.014
23)	Chlordane-1	0.000	3.765	0	389002	N.D.	3.221 #
24)	Chlordane-2	5.259f	4.366	132.1E6	855775	1201.766	6.165 #
25)	Chlordane-3	5.941	4.979	120.2E6	195.5E6	316.322	460.611 #
26)	Chlordane-4	6.020	5.043	121.1E6	189.9E6	266.592	461.730 #
27)	Chlordane-5	0.000	5.934	0	170.0E6	N.D.	1276.999 #

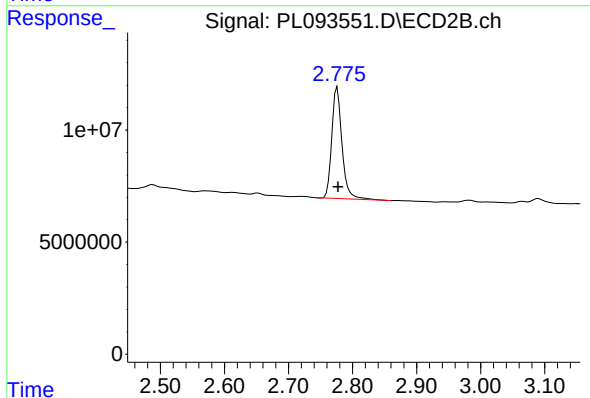
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

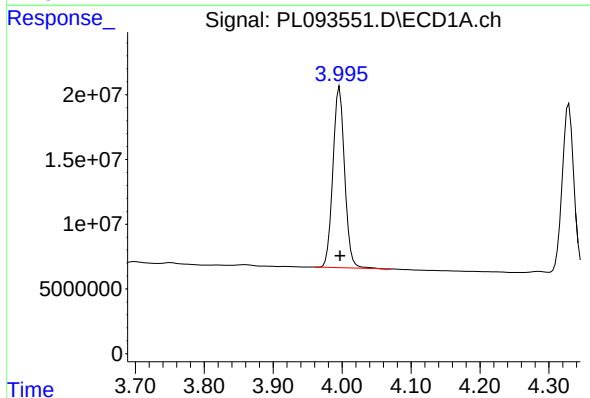
R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 46818514
Conc: 18.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



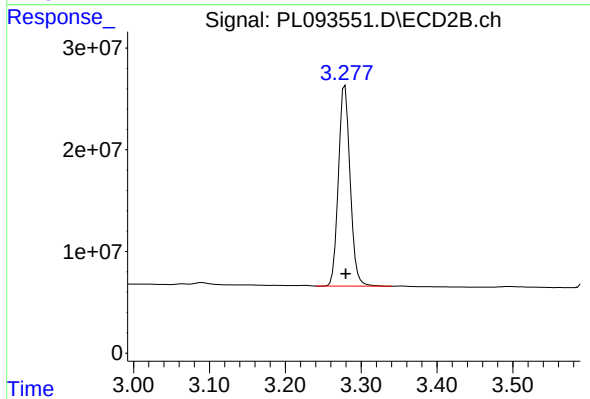
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 54956879
Conc: 18.88 ng/ml



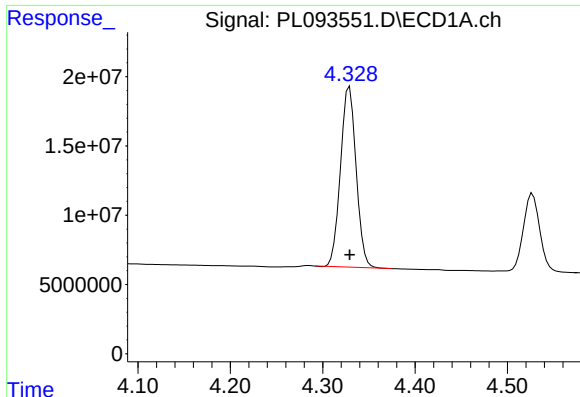
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 164140917
Conc: 47.54 ng/ml



#2 alpha-BHC

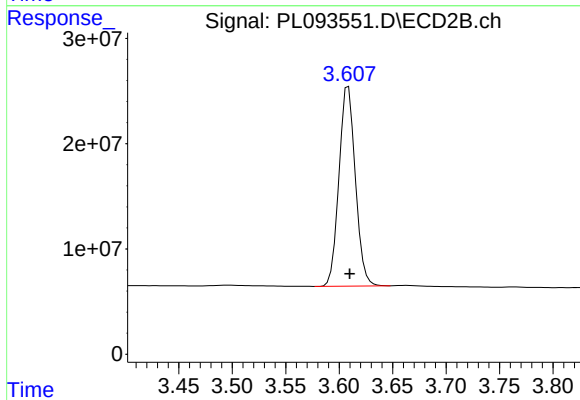
R.T.: 3.279 min
Delta R.T.: -0.001 min
Response: 212359453
Conc: 48.85 ng/ml



#3 gamma-BHC (Lindane)

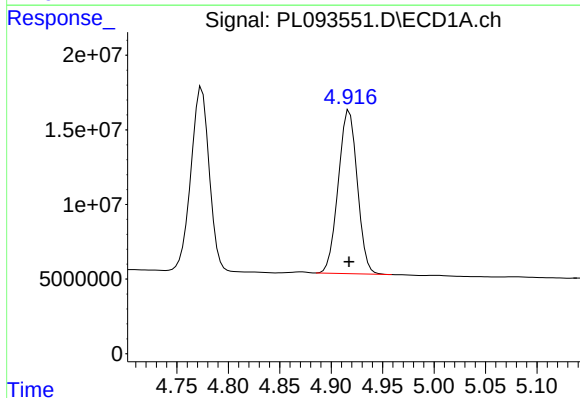
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 153035810
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



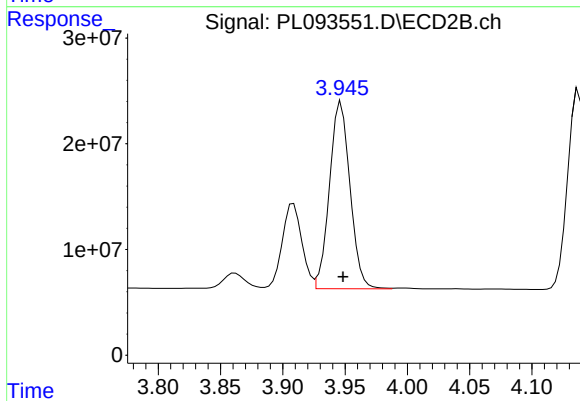
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.001 min
Response: 202486134
Conc: 47.99 ng/ml



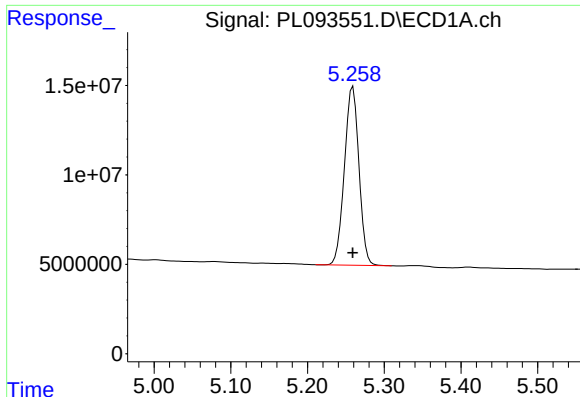
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 141014823
Conc: 48.16 ng/ml



#4 Heptachlor

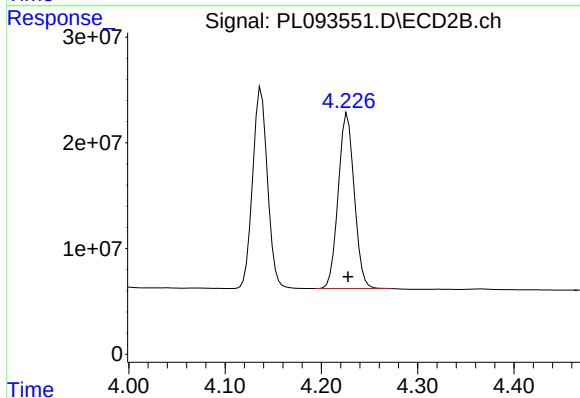
R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 202893828
Conc: 48.82 ng/ml



#5 Aldrin

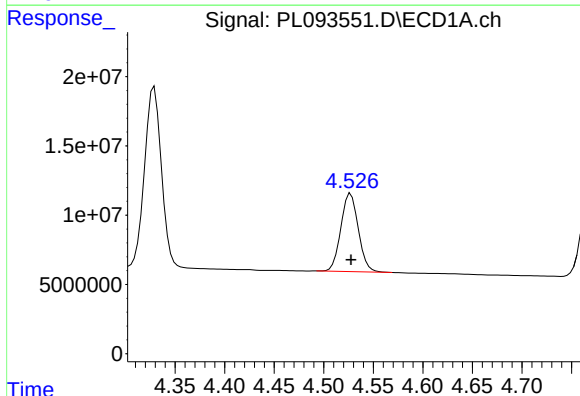
R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 132103104
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



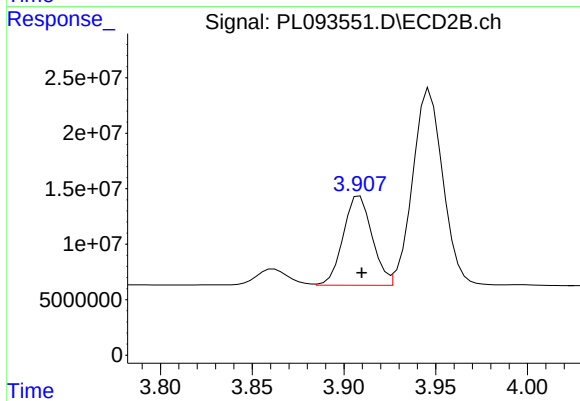
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 191366852
Conc: 46.65 ng/ml



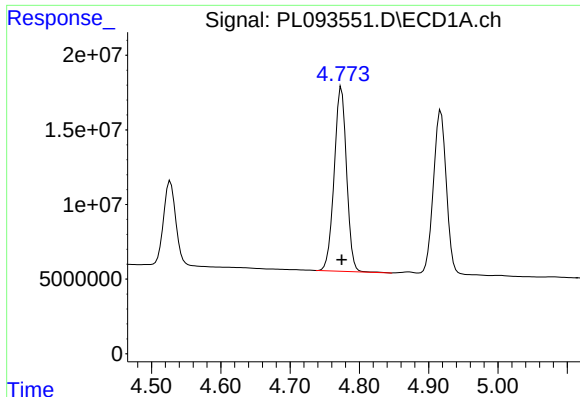
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 69095480
Conc: 47.93 ng/ml



#6 beta-BHC

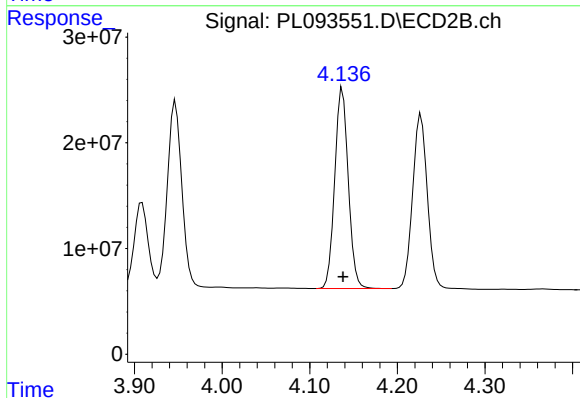
R.T.: 3.909 min
Delta R.T.: -0.001 min
Response: 88309096
Conc: 49.13 ng/ml



#7 delta-BHC

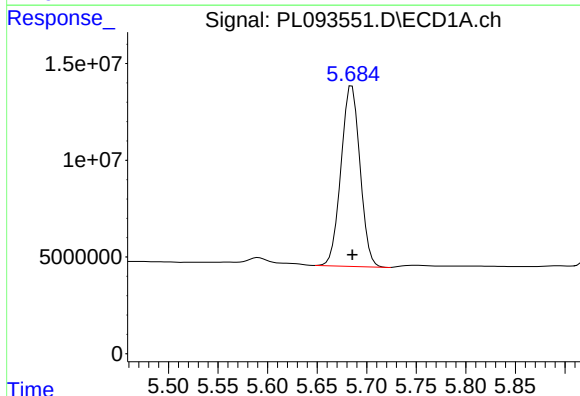
R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 153190715
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



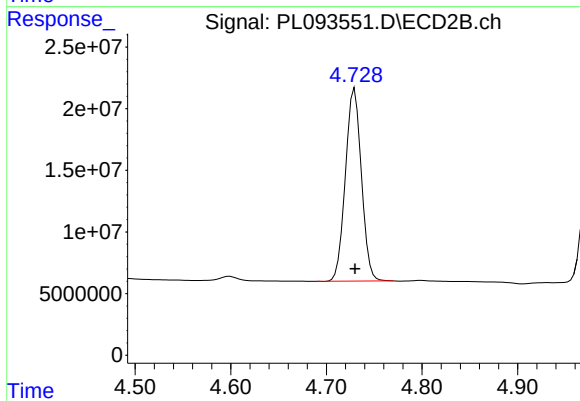
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 203991827
Conc: 48.24 ng/ml



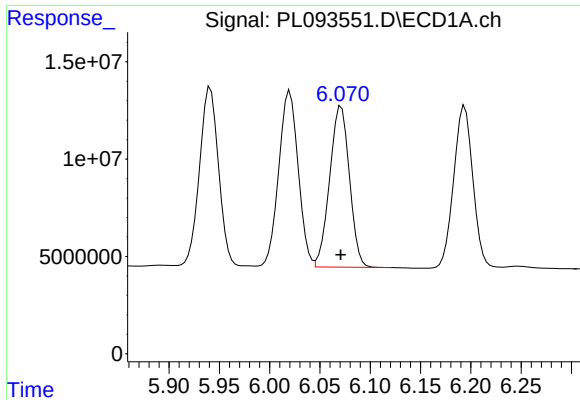
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 124483071
Conc: 47.25 ng/ml



#8 Heptachlor epoxide

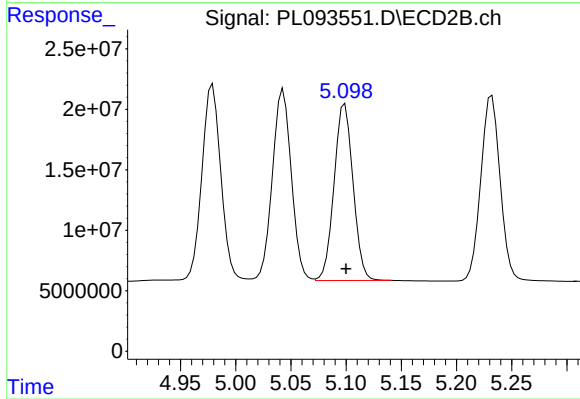
R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 182727419
Conc: 47.73 ng/ml



#9 Endosulfan I

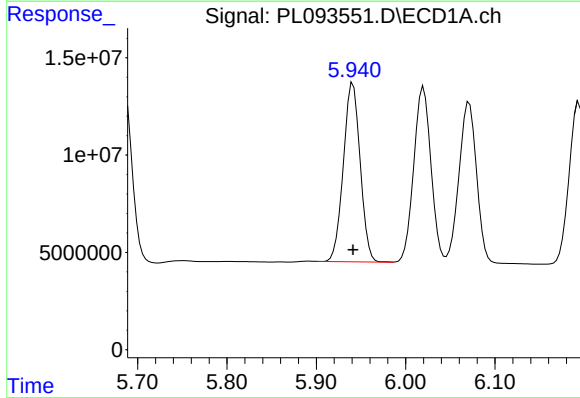
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 112918743
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



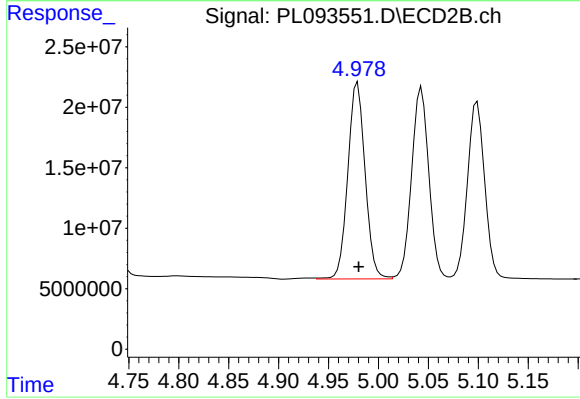
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: -0.001 min
Response: 174517895
Conc: 49.95 ng/ml



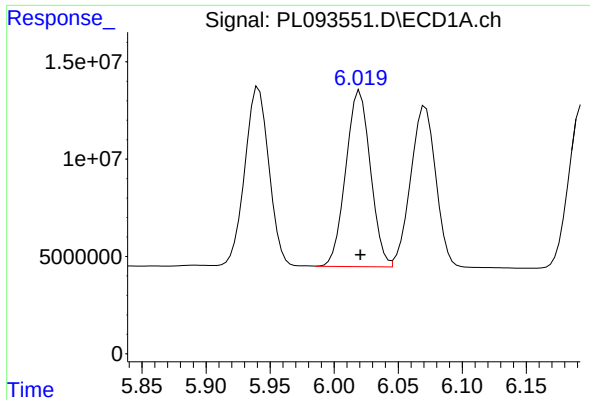
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 120225480
Conc: 47.84 ng/ml



#10 gamma-Chlordane

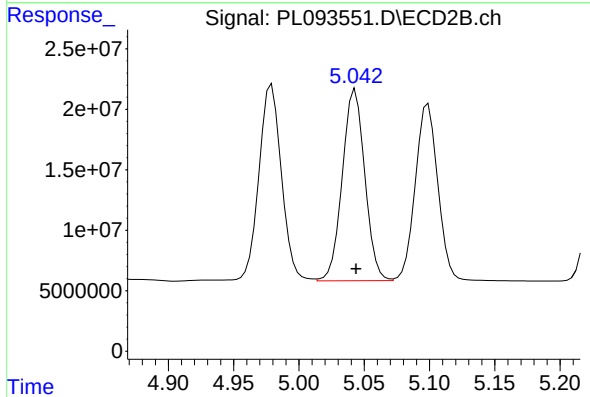
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 195463563
Conc: 50.73 ng/ml



#11 alpha-Chlordane

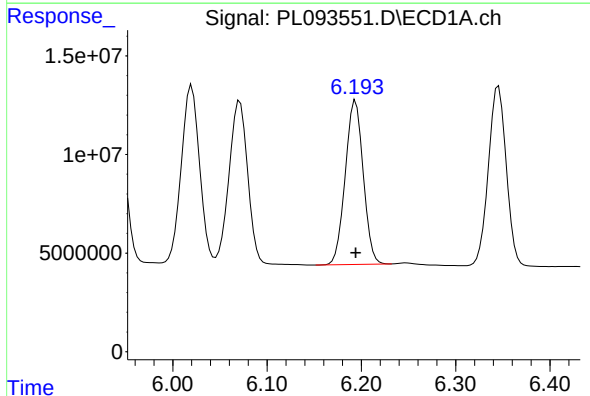
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 121124050
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



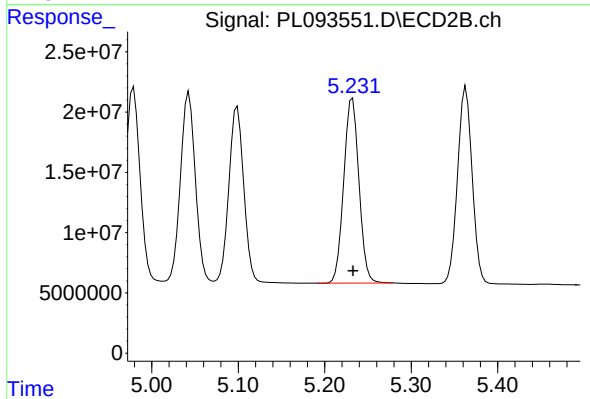
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 189927430
Conc: 49.88 ng/ml



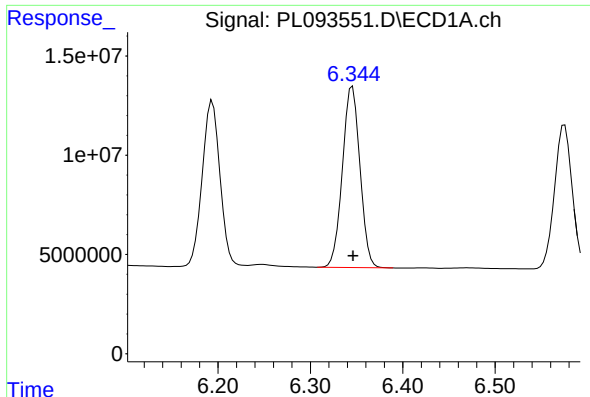
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 110333855
Conc: 49.17 ng/ml



#12 4,4'-DDE

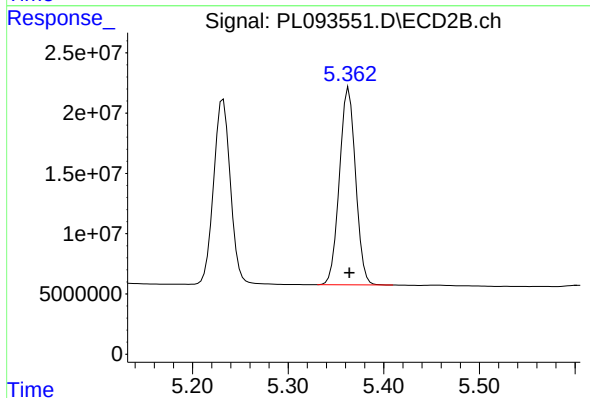
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 186326474
Conc: 50.67 ng/ml



#13 Dieldrin

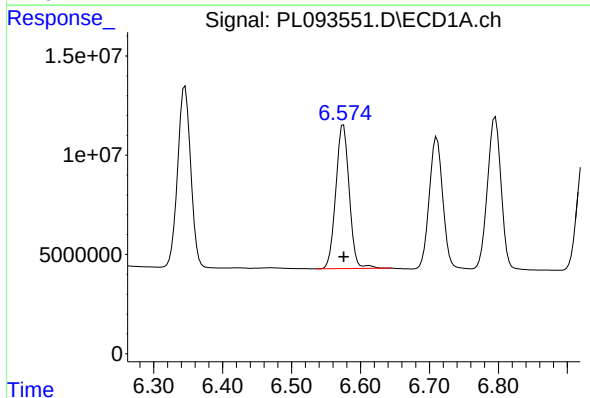
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 120381521
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



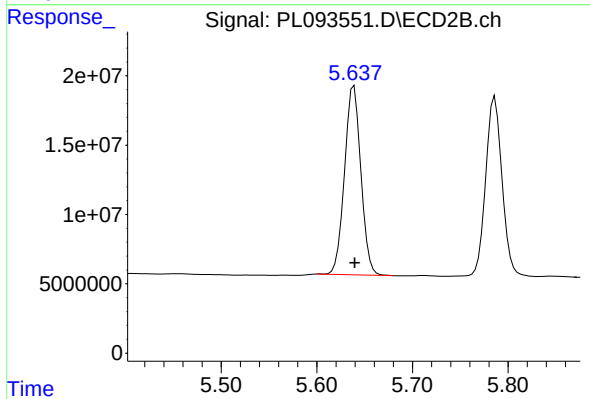
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 192117729
Conc: 49.85 ng/ml



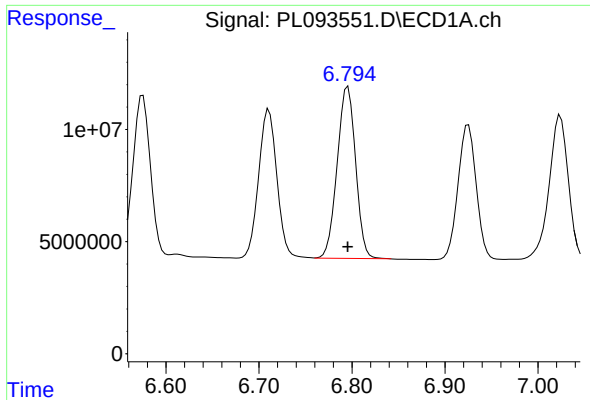
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 97817007
Conc: 45.44 ng/ml



#14 Endrin

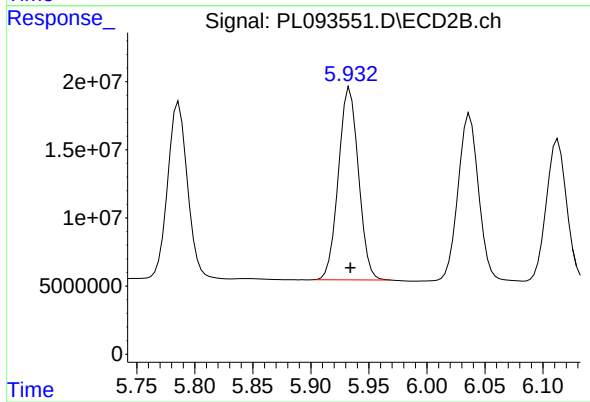
R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 162162082
Conc: 49.02 ng/ml



#15 Endosulfan II

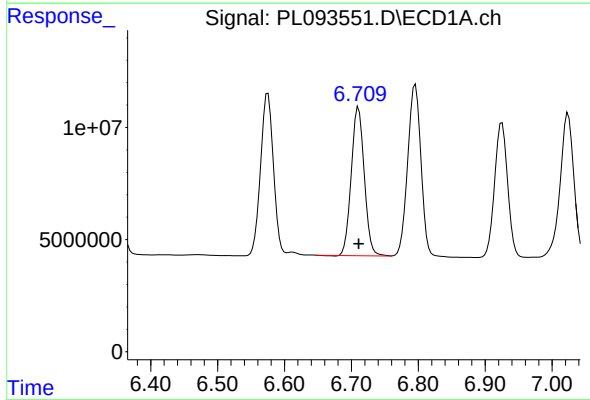
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 105471901
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



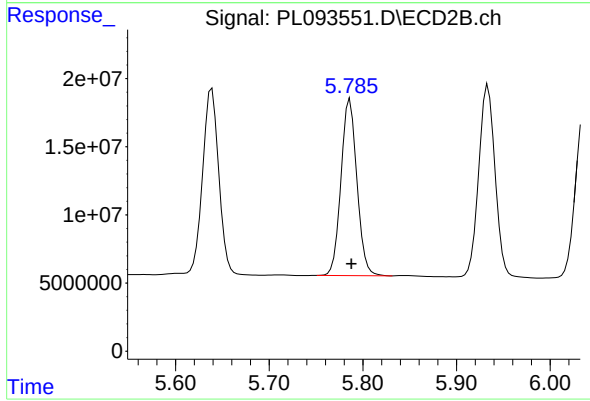
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 170024052
Conc: 52.33 ng/ml



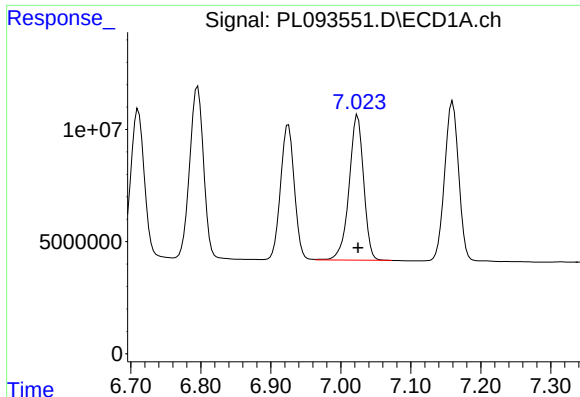
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 90032578
Conc: 51.27 ng/ml



#16 4,4'-DDD

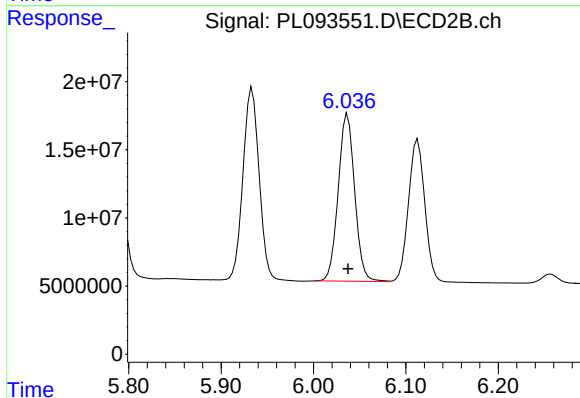
R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 153289338
Conc: 54.16 ng/ml



#17 4,4'-DDT

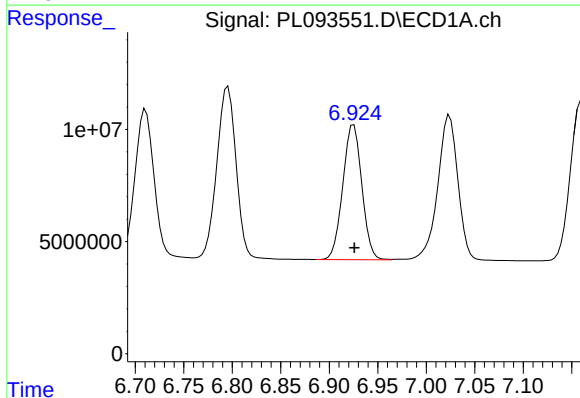
R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 93705248
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



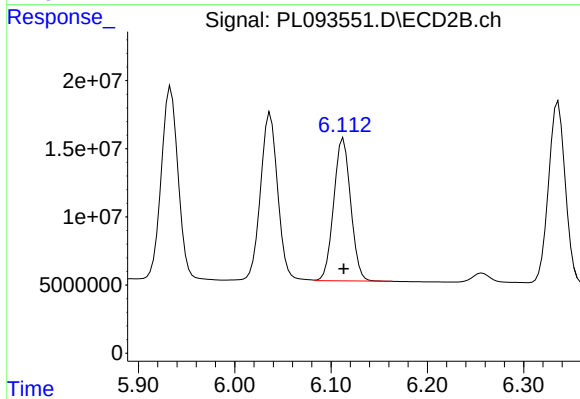
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 152147773
Conc: 50.38 ng/ml



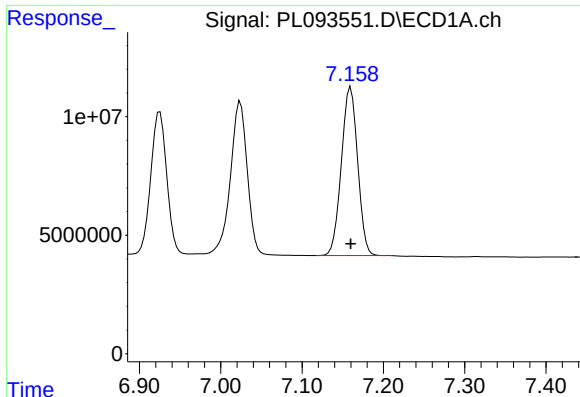
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 82126950
Conc: 46.28 ng/ml



#18 Endrin aldehyde

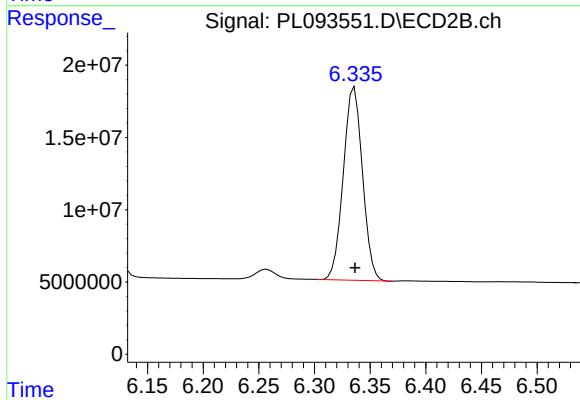
R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 128257108
Conc: 47.62 ng/ml



#19 Endosulfan Sulfate

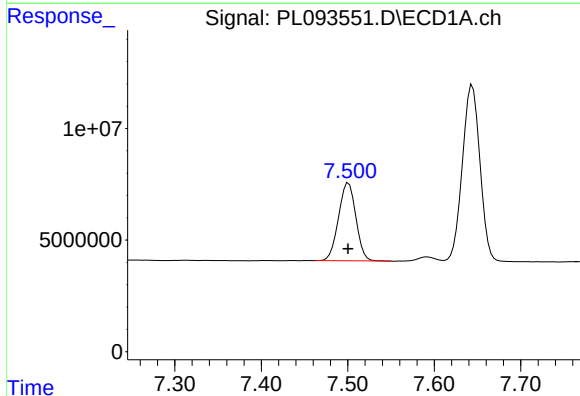
R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 98633362
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



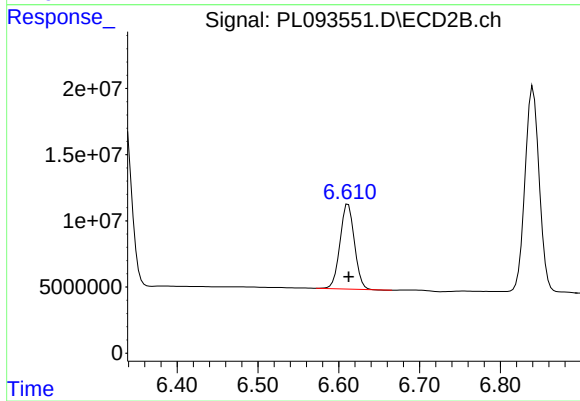
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 160244065
Conc: 50.80 ng/ml



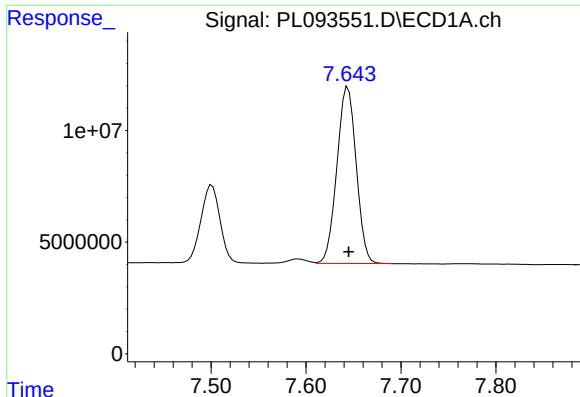
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 48422943
Conc: 48.44 ng/ml



#20 Methoxychlor

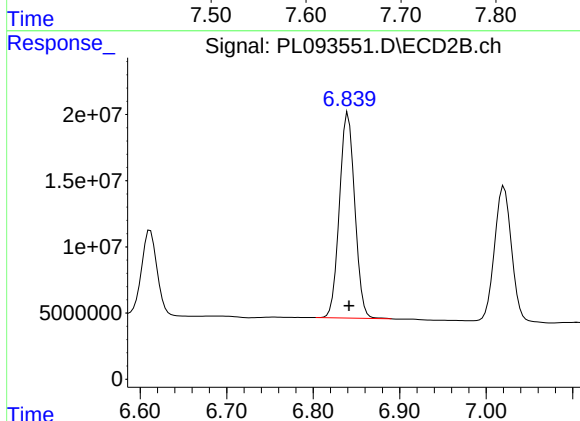
R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 79591142
Conc: 49.45 ng/ml



#21 Endrin ketone

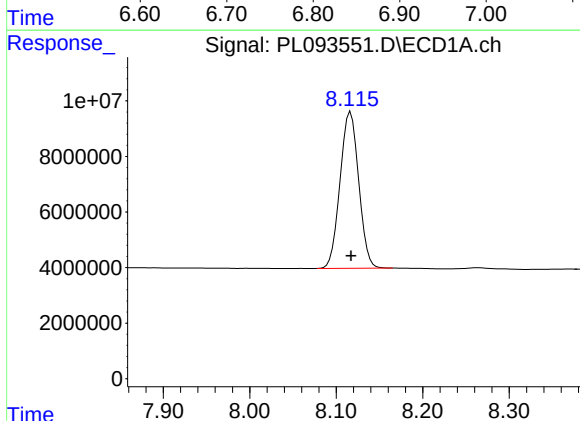
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 112033005
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



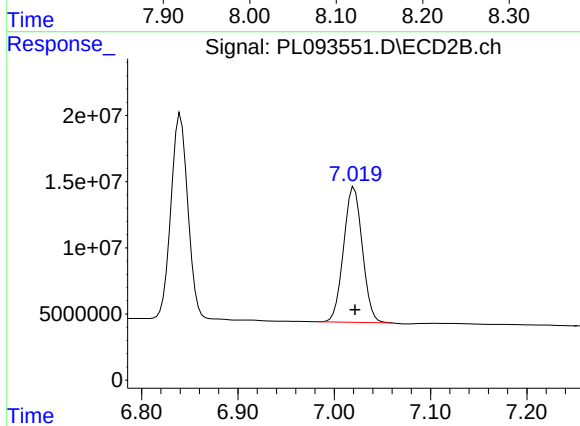
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 190074457
Conc: 52.21 ng/ml



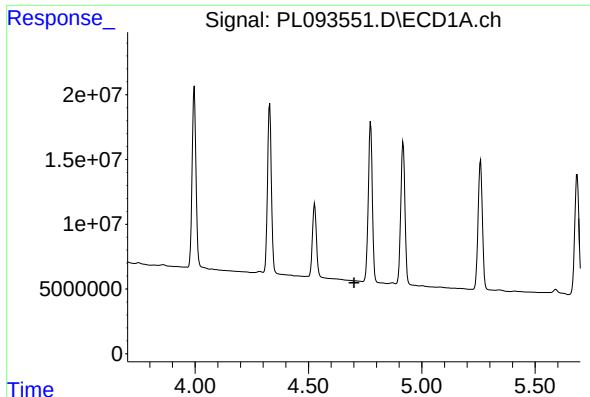
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 83958922
Conc: 44.93 ng/ml



#22 Mirex

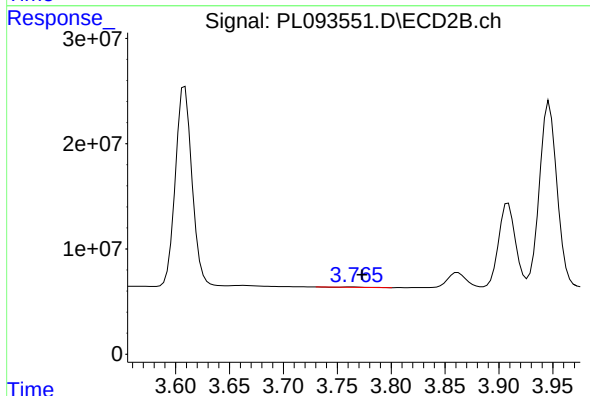
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 137585139
Conc: 45.01 ng/ml



#23 Chlordane-1

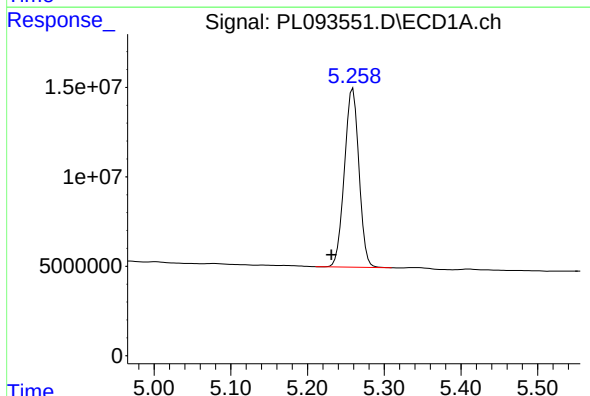
R.T.: 0.000 min
Exp R.T.: 4.702 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



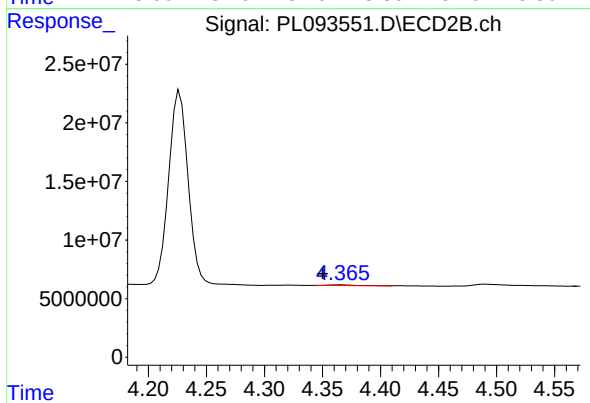
#23 Chlordane-1

R.T.: 3.765 min
Delta R.T.: -0.008 min
Response: 389002
Conc: 3.22 ng/ml



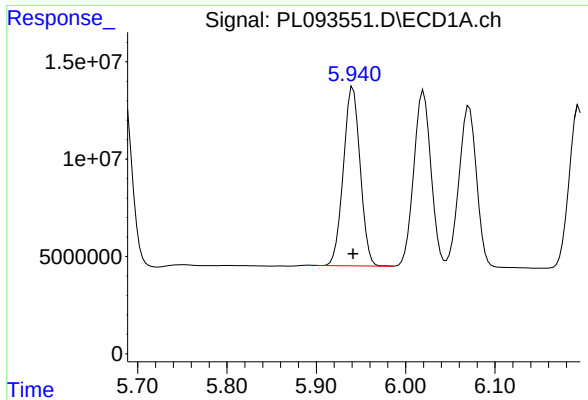
#24 Chlordane-2

R.T.: 5.259 min
Delta R.T.: 0.028 min
Response: 132103104
Conc: 1201.77 ng/ml



#24 Chlordane-2

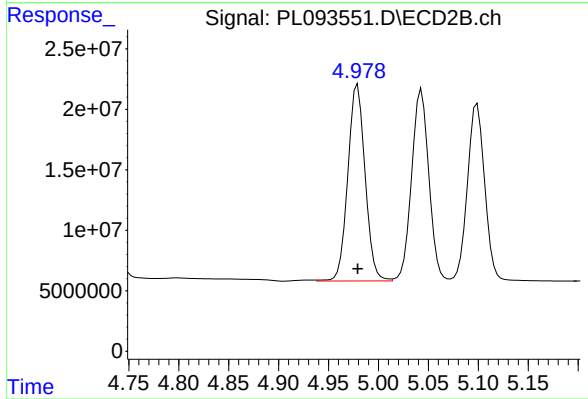
R.T.: 4.366 min
Delta R.T.: 0.016 min
Response: 855775
Conc: 6.17 ng/ml



#25 Chlordane-3

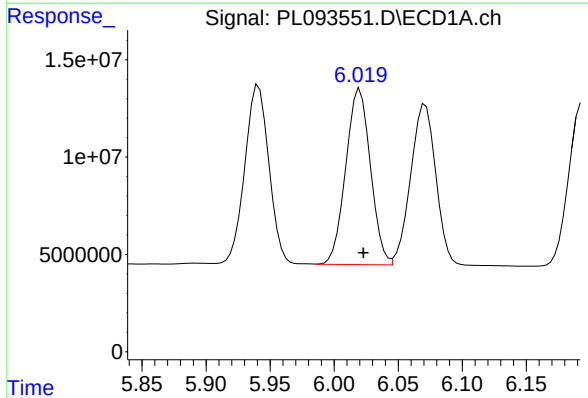
R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 120225480
Conc: 316.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



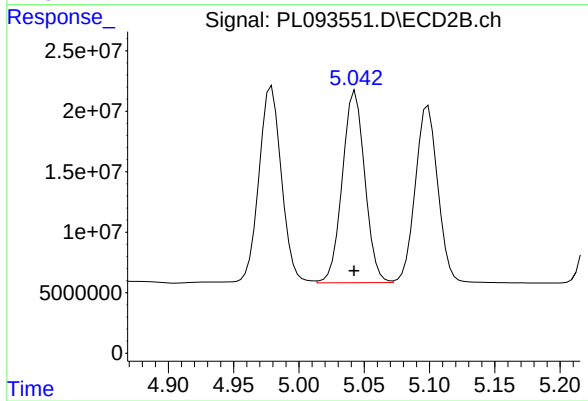
#25 Chlordane-3

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 195463563
Conc: 460.61 ng/ml



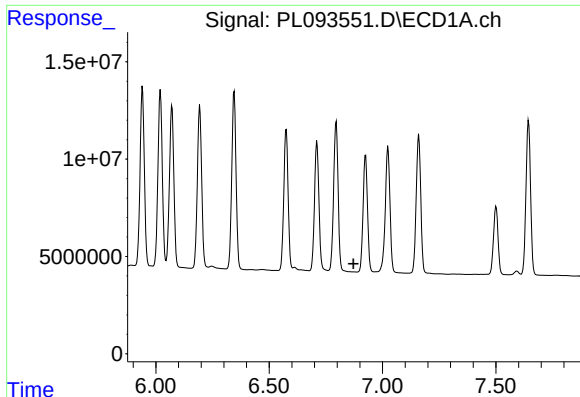
#26 Chlordane-4

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 121124050
Conc: 266.59 ng/ml



#26 Chlordane-4

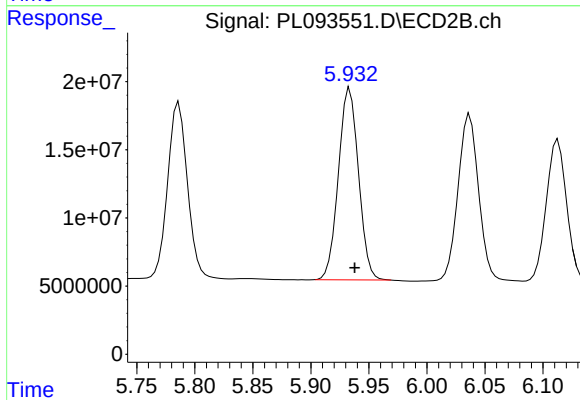
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 189927430
Conc: 461.73 ng/ml



#27 Chlordane-5

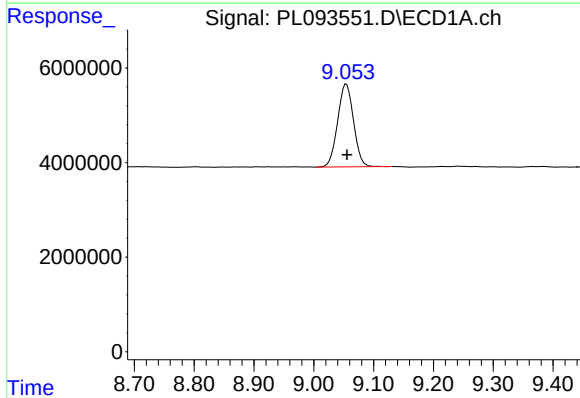
R.T.: 0.000 min
Exp R.T.: 6.872 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MSD



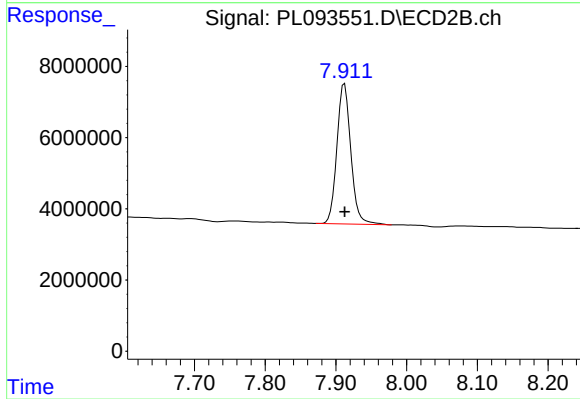
#27 Chlordane-5

R.T.: 5.934 min
Delta R.T.: -0.004 min
Response: 170024052
Conc: 1277.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.001 min
Response: 32488376
Conc: 17.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 53908974
Conc: 18.05 ng/ml