

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072920\
 Data File : PL060331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2020 13:22
 Operator : DD\AJ
 Sample : L3460-01MSDRE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020MSDRE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 14:09:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 10 18:52:06 2020
 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...	3.465	4.011	32315307	34613571	16.707	13.061
2)	SA Decachlor...	8.225	9.101	23366284	19318376	14.204	9.237 #
Target Compounds							
2)	A alpha-BHC	3.902	4.401	115.0E6	158.1E6	39.995	40.961
3)	MA gamma-BHC...	4.186	4.686	102.8E6	148.2E6	41.611	40.857
4)	MA Heptachlor	4.488	5.198	93171335	142.1E6	41.544	42.240
5)	MB Aldrin	4.736	5.503	76974210	114.8E6	39.009	36.846
6)	B beta-BHC	4.437	4.857	50508911	57746973	49.458	38.197
7)	B delta-BHC	4.641	5.075	92213260	98419220	41.481	31.588
8)	B Heptachlo...	5.180	5.890	72915050	121.4E6	39.725	45.068
9)	A Endosulfan I	5.519	6.249	68779319	91615556	40.884	34.347
10)	B gamma-Chl...	5.407	6.126	115.5E6	175.8E6	63.642	61.380
11)	B alpha-Chl...	5.466	6.200	94786783	172.3E6	52.563	60.260
12)	B 4,4'-DDE	5.631	6.357	69188576	95639007	41.546	35.730
13)	MA Dieldrin	5.762	6.507	73833683	101.7E6	41.843	36.778
14)	MA Endrin	6.020	6.726	71183521	79824941	48.904	37.510
15)	B Endosulfa...	6.292	6.935	64384965	81317150	38.551	32.376
16)	A 4,4'-DDD	6.147	6.848	53562981	98808464	35.088	43.044
17)	MA 4,4'-DDT	6.388	7.148	50858467	73121288	39.117	37.135
18)	B Endrin al...	6.460	7.059	50507299	65277626	35.405	30.056
19)	B Endosulfa...	6.674	7.283	72262634	83573499	43.961	35.732
20)	A Methoxychlor	6.935	7.607	22915762	71368982	30.637	62.867 #
21)	B Endrin ke...	7.164	7.755	50760580	88838017	27.047	34.397 #
22)	Mirex	7.354	8.212	43128992	54041565	30.315	29.240
23)	Chlordane-1	4.336	5.009	7563675	10781456	123.455	111.025
24)	Chlordane-2	4.840	5.476	11353495	9951817	179.317	86.858 #
25)	Chlordane-3	5.407	6.126	115.5E6	175.8E6	682.708	454.274 #
26)	Chlordane-4	5.466	6.200	94786783	172.3E6	679.380	372.216 #
27)	Chlordane-5	6.292	7.008	64384965	4730759	1134.727	60.912 #

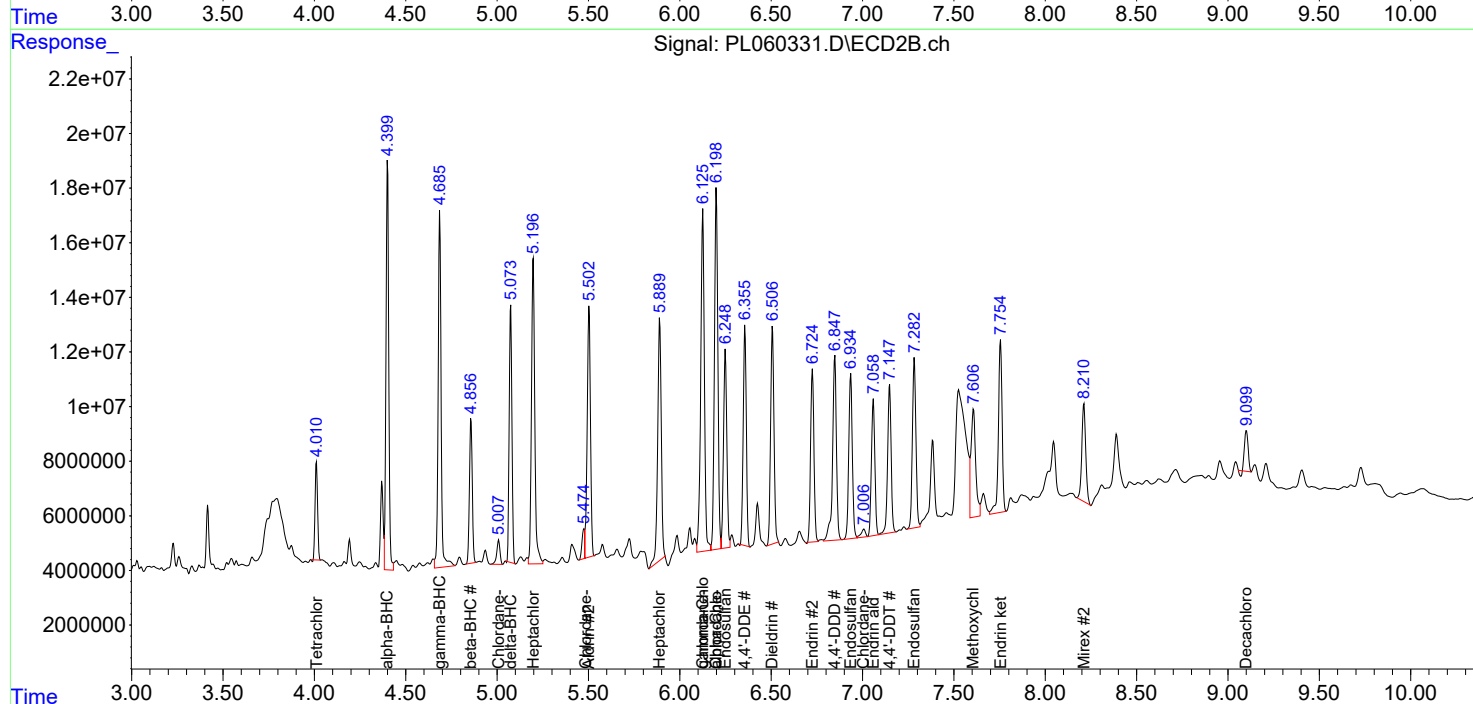
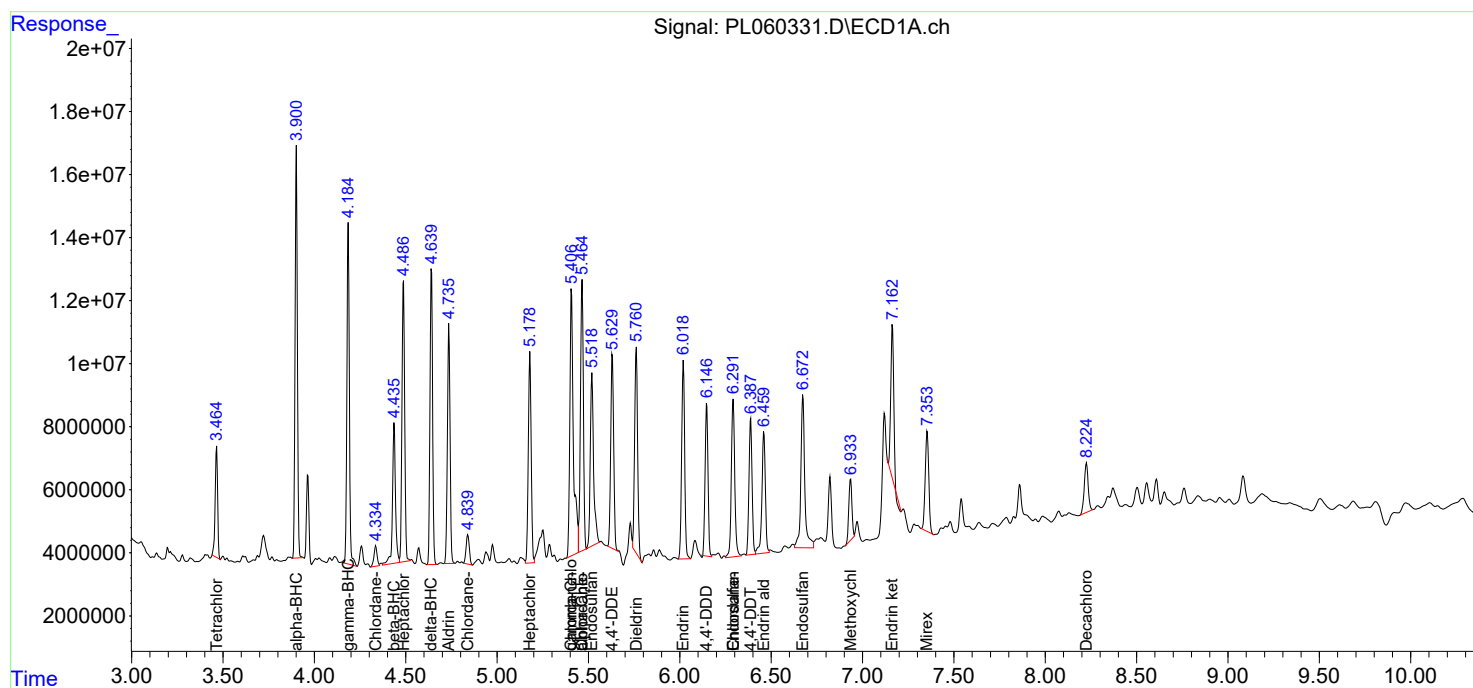
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

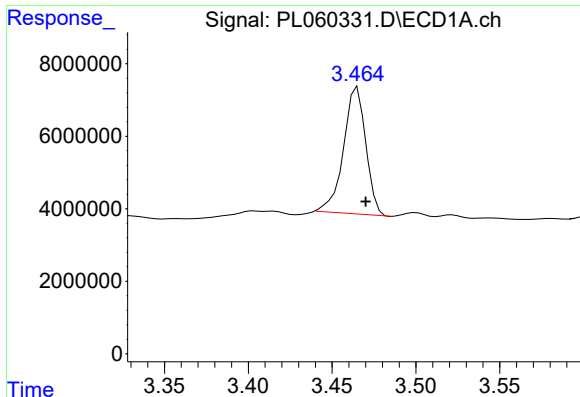
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072920\
Data File : PL060331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2020 13:22
Operator : DD\AJ
Sample : L3460-01MSDRE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 14:09:54 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
Quant Title : GC Extractables
QLast Update : Fri Jul 10 18:52:06 2020
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

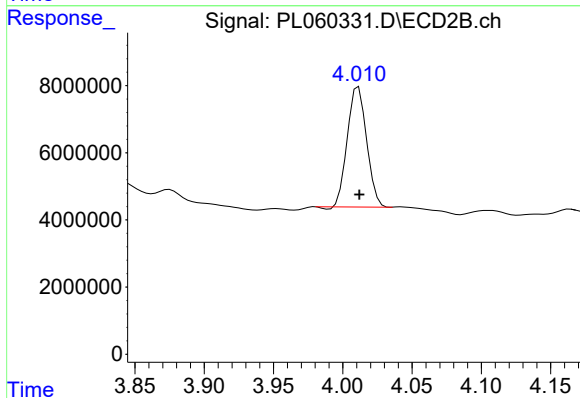




#1 Tetrachloro-m-xylene

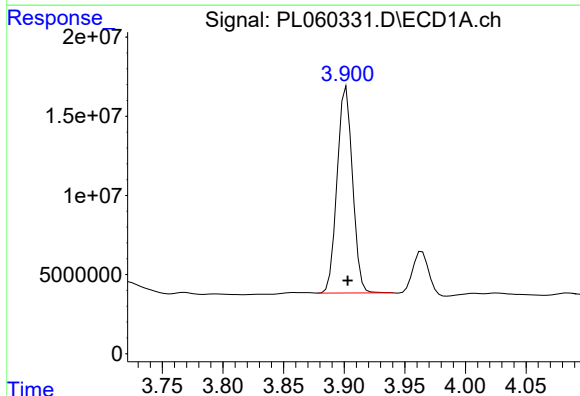
R.T.: 3.465 min
Delta R.T.: -0.005 min
Response: 32315307
Conc: 16.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



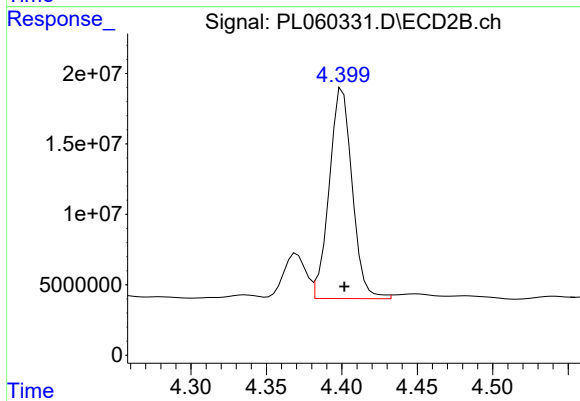
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 34613571
Conc: 13.06 ng/ml



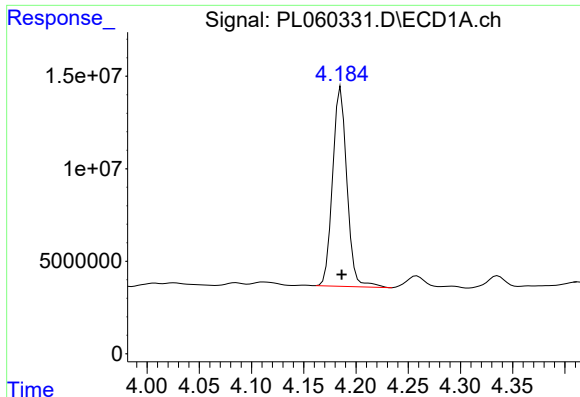
#2 alpha-BHC

R.T.: 3.902 min
Delta R.T.: -0.001 min
Response: 114957219
Conc: 39.99 ng/ml



#2 alpha-BHC

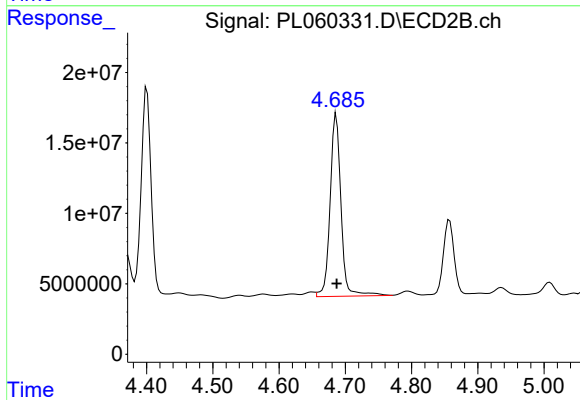
R.T.: 4.401 min
Delta R.T.: -0.001 min
Response: 158131834
Conc: 40.96 ng/ml



#3 gamma-BHC (Lindane)

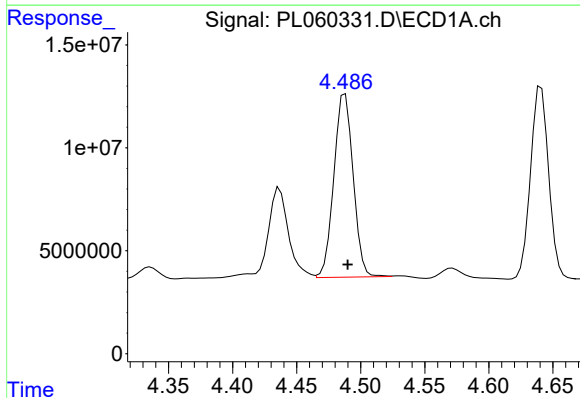
R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 102762992
Conc: 41.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



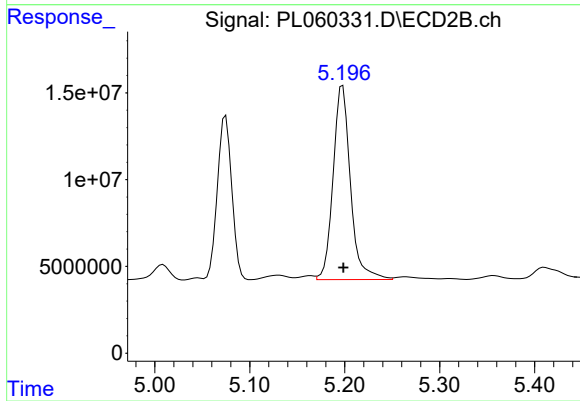
#3 gamma-BHC (Lindane)

R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 148186668
Conc: 40.86 ng/ml



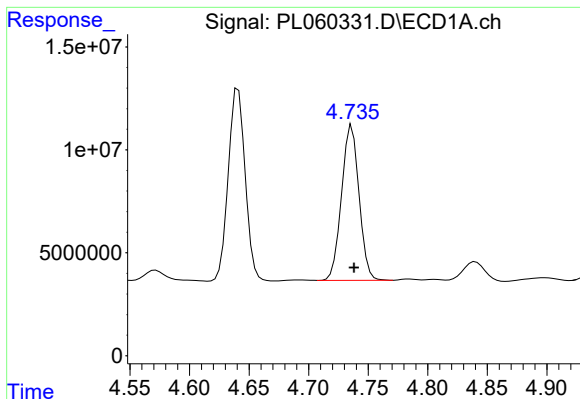
#4 Heptachlor

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 93171335
Conc: 41.54 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 142099533
Conc: 42.24 ng/ml



#5 Aldrin

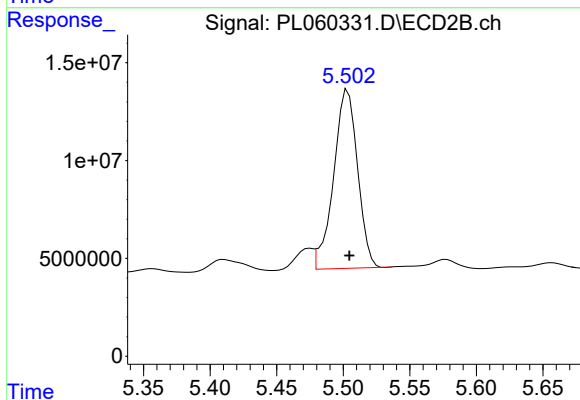
R.T.: 4.736 min

Delta R.T.: -0.002 min

Response: 76974210

Conc: 39.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



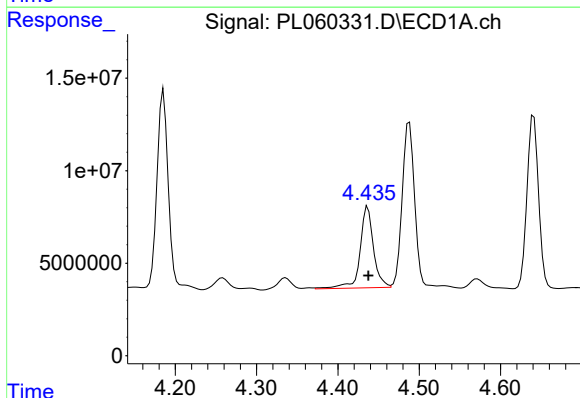
#5 Aldrin

R.T.: 5.503 min

Delta R.T.: -0.001 min

Response: 114764325

Conc: 36.85 ng/ml



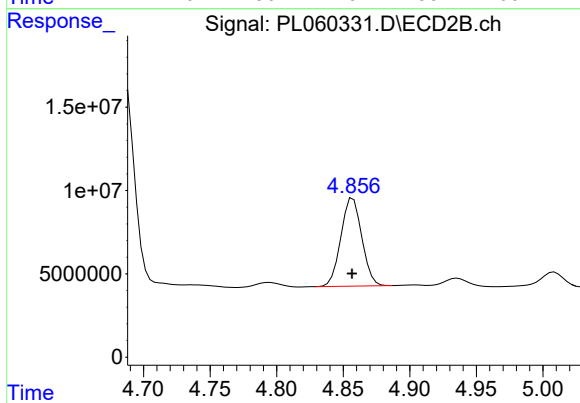
#6 beta-BHC

R.T.: 4.437 min

Delta R.T.: 0.000 min

Response: 50508911

Conc: 49.46 ng/ml



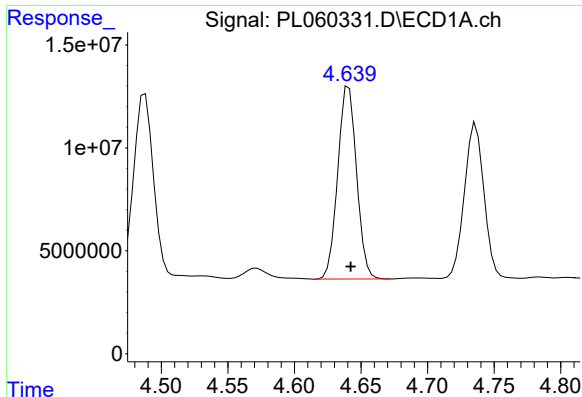
#6 beta-BHC

R.T.: 4.857 min

Delta R.T.: 0.000 min

Response: 57746973

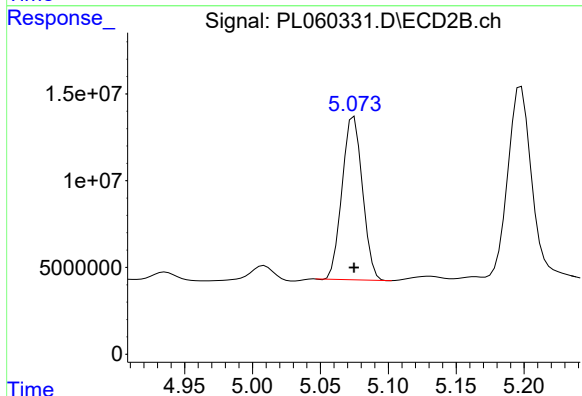
Conc: 38.20 ng/ml



#7 delta-BHC

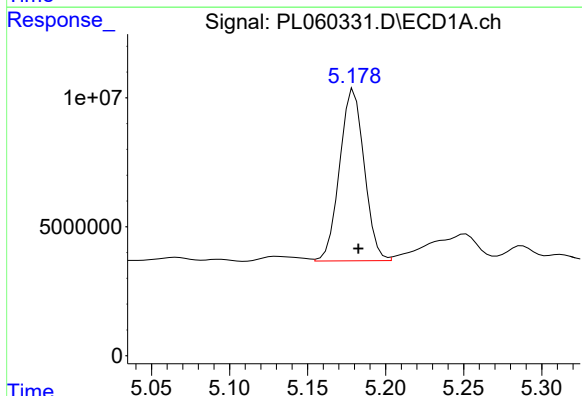
R.T.: 4.641 min
Delta R.T.: -0.001 min
Response: 92213260
Conc: 41.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



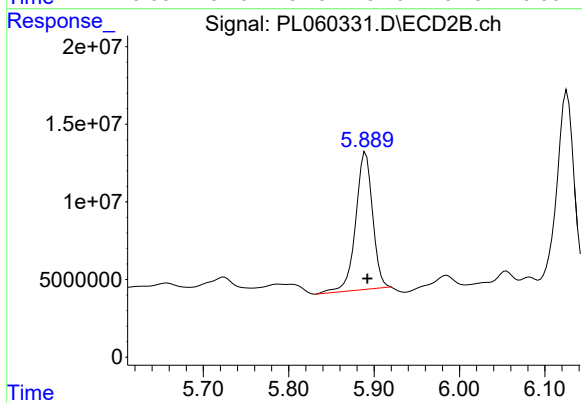
#7 delta-BHC

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 98419220
Conc: 31.59 ng/ml



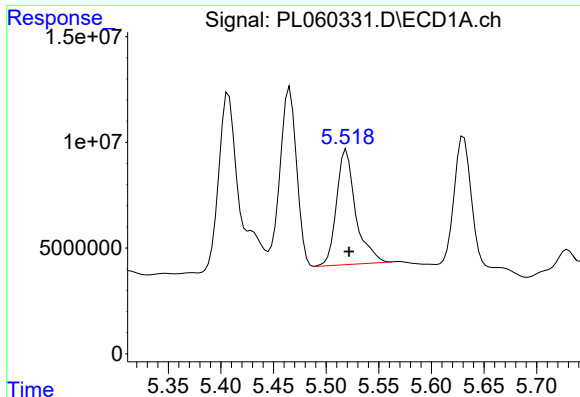
#8 Heptachlor epoxide

R.T.: 5.180 min
Delta R.T.: -0.003 min
Response: 72915050
Conc: 39.72 ng/ml



#8 Heptachlor epoxide

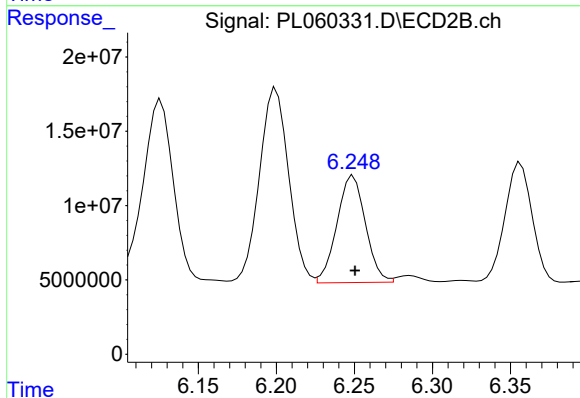
R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 121379159
Conc: 45.07 ng/ml



#9 Endosulfan I

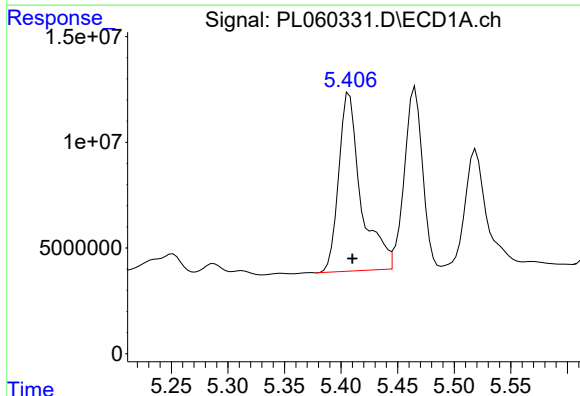
R.T.: 5.519 min
Delta R.T.: -0.002 min
Response: 68779319
Conc: 40.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



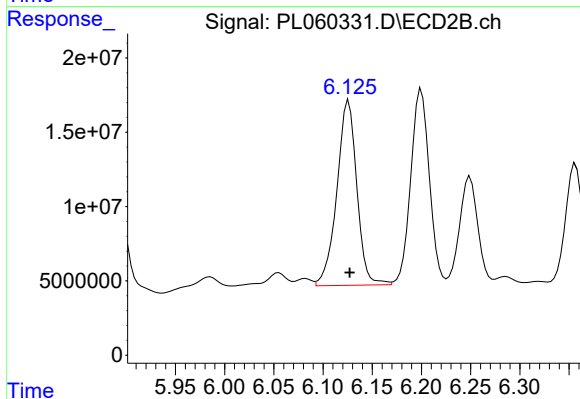
#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 91615556
Conc: 34.35 ng/ml



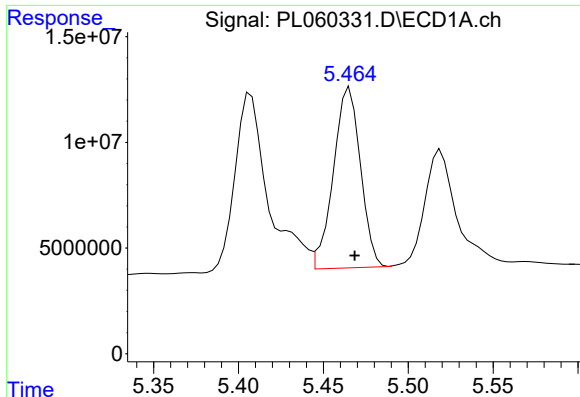
#10 gamma-Chlordane

R.T.: 5.407 min
Delta R.T.: -0.003 min
Response: 115456523
Conc: 63.64 ng/ml



#10 gamma-Chlordane

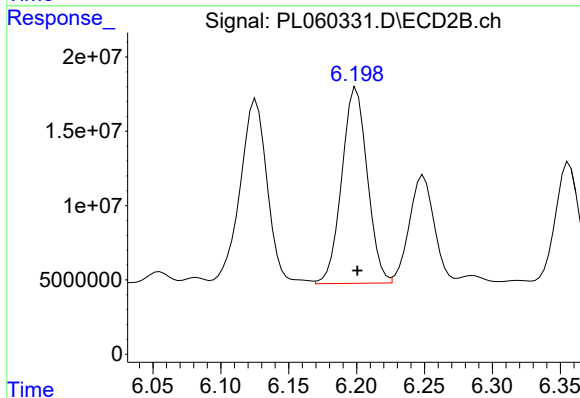
R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 175766442
Conc: 61.38 ng/ml



#11 alpha-Chlordane

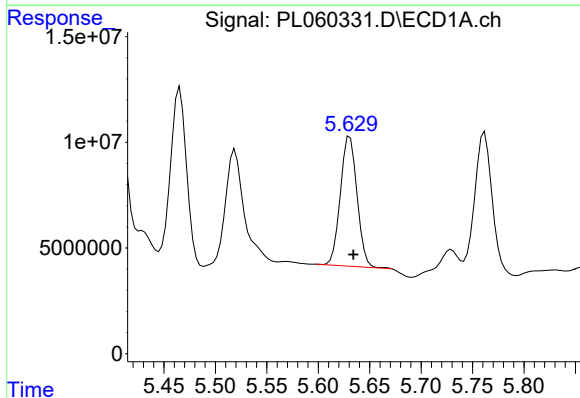
R.T.: 5.466 min
Delta R.T.: -0.003 min
Response: 94786783
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



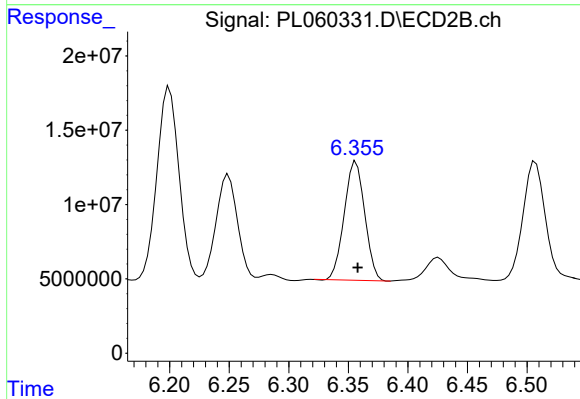
#11 alpha-Chlordane

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 172298372
Conc: 60.26 ng/ml



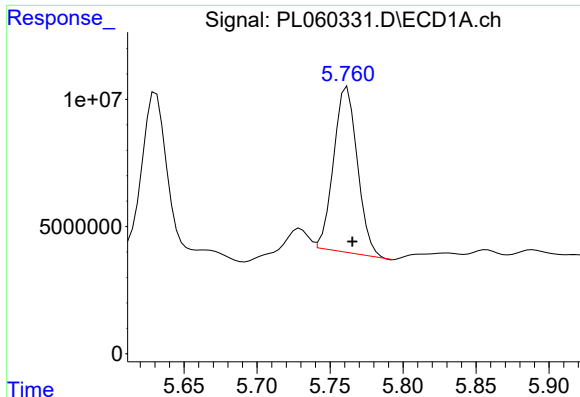
#12 4,4'-DDE

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 69188576
Conc: 41.55 ng/ml



#12 4,4'-DDE

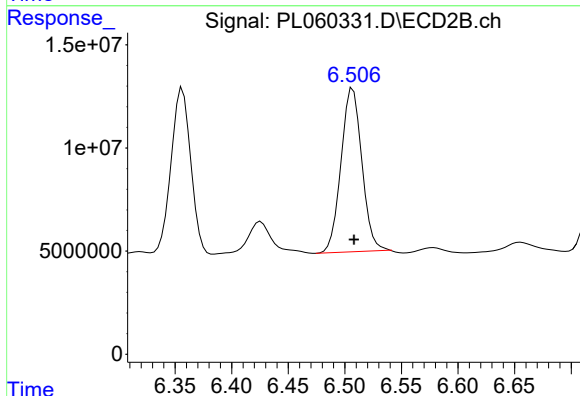
R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 95639007
Conc: 35.73 ng/ml



#13 Dieldrin

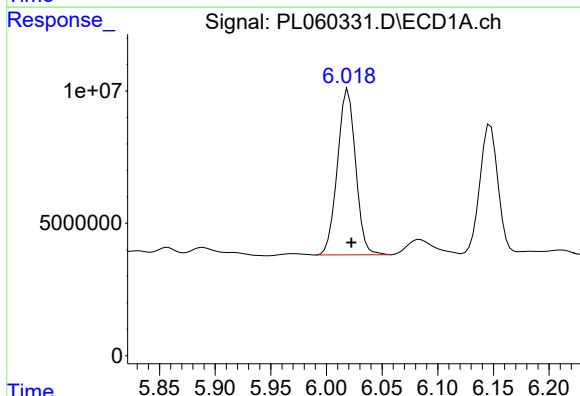
R.T.: 5.762 min
Delta R.T.: -0.004 min
Response: 73833683
Conc: 41.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



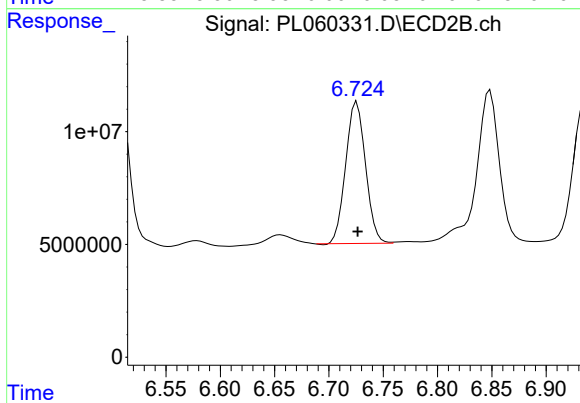
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: -0.001 min
Response: 101736905
Conc: 36.78 ng/ml



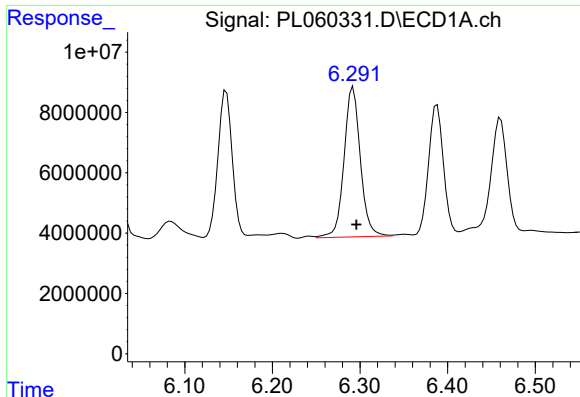
#14 Endrin

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 71183521
Conc: 48.90 ng/ml



#14 Endrin

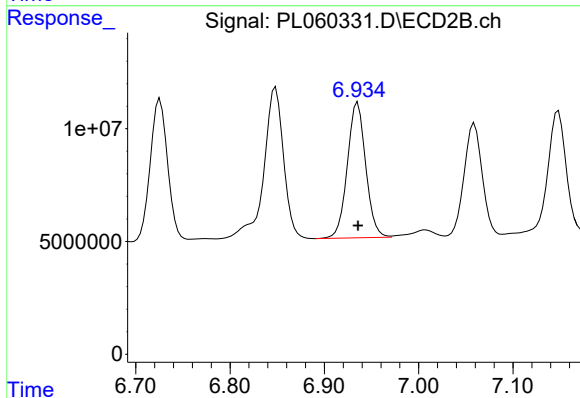
R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 79824941
Conc: 37.51 ng/ml



#15 Endosulfan II

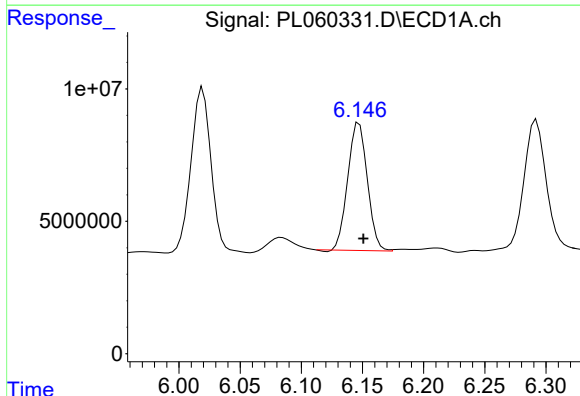
R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 64384965
Conc: 38.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



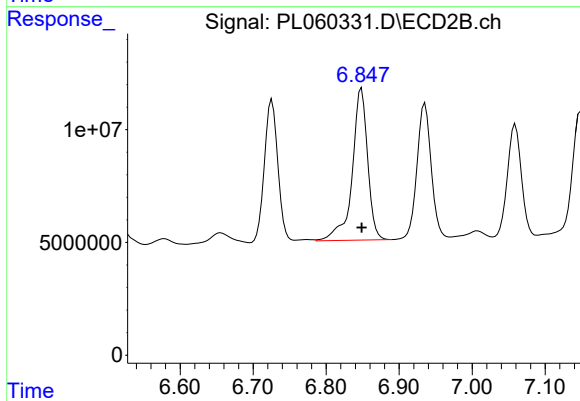
#15 Endosulfan II

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 81317150
Conc: 32.38 ng/ml



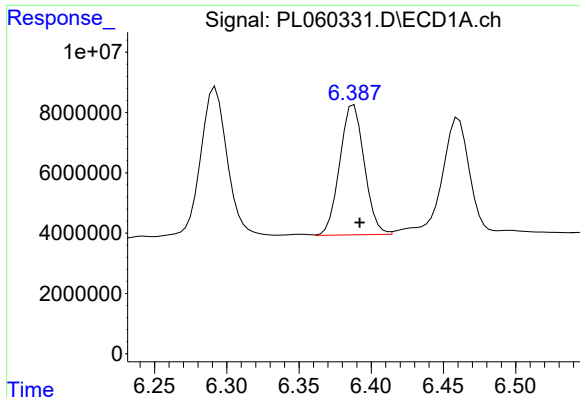
#16 4,4'-DDD

R.T.: 6.147 min
Delta R.T.: -0.003 min
Response: 53562981
Conc: 35.09 ng/ml



#16 4,4'-DDD

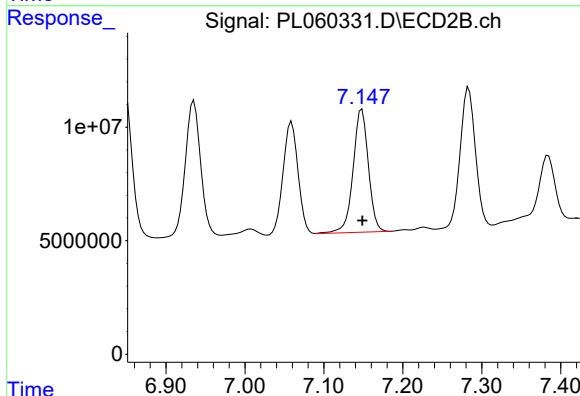
R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 98808464
Conc: 43.04 ng/ml



#17 4,4'-DDT

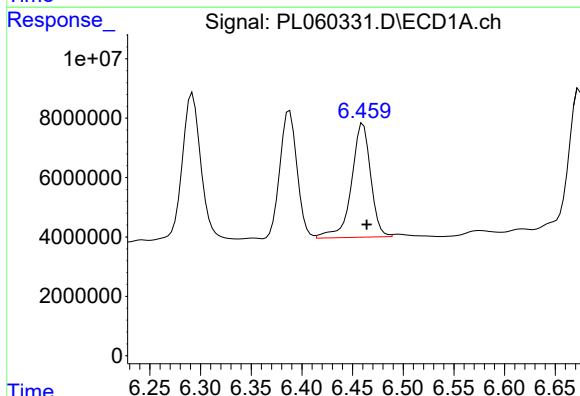
R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 50858467
Conc: 39.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



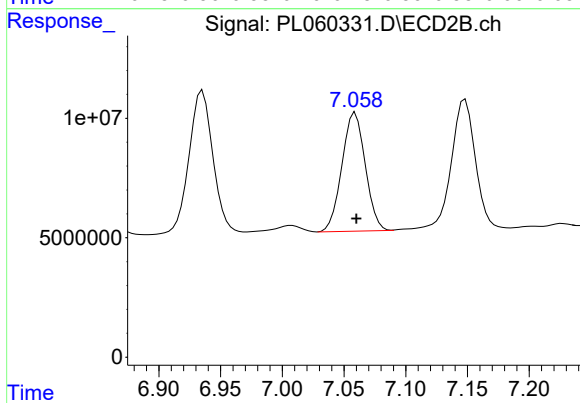
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 73121288
Conc: 37.14 ng/ml



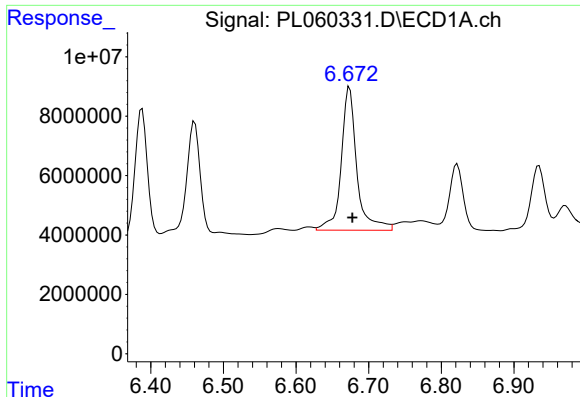
#18 Endrin aldehyde

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 50507299
Conc: 35.40 ng/ml



#18 Endrin aldehyde

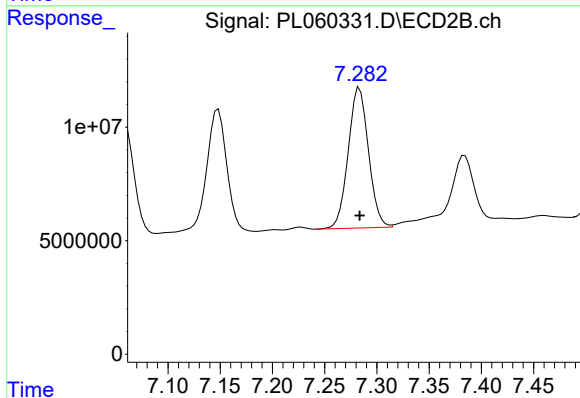
R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 65277626
Conc: 30.06 ng/ml



#19 Endosulfan Sulfate

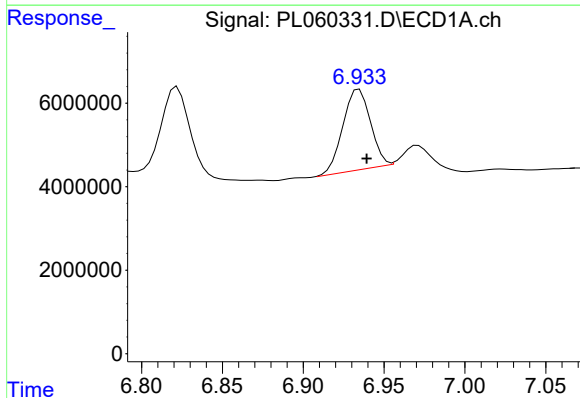
R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 72262634
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



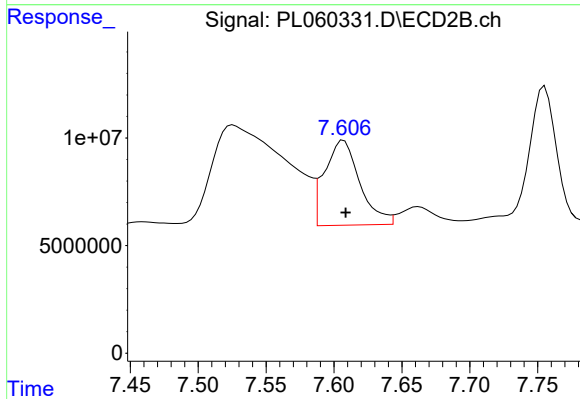
#19 Endosulfan Sulfate

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 83573499
Conc: 35.73 ng/ml



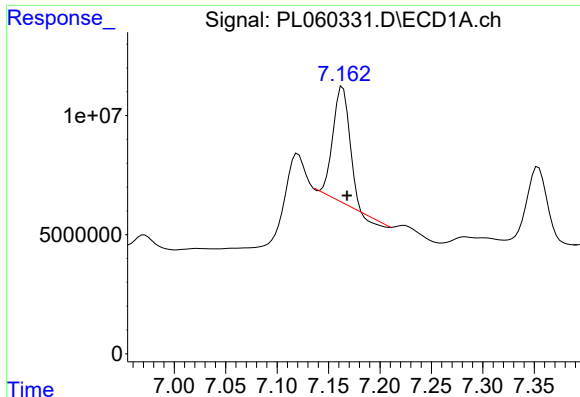
#20 Methoxychlor

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 22915762
Conc: 30.64 ng/ml



#20 Methoxychlor

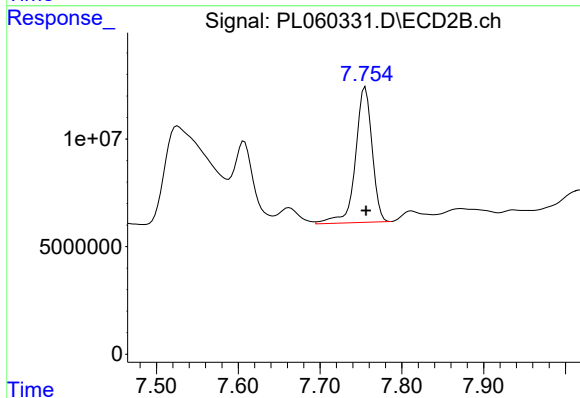
R.T.: 7.607 min
Delta R.T.: -0.001 min
Response: 71368982
Conc: 62.87 ng/ml



#21 Endrin ketone

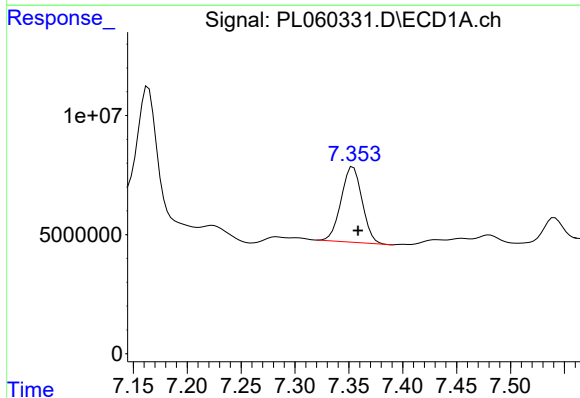
R.T.: 7.164 min
Delta R.T.: -0.004 min
Response: 50760580
Conc: 27.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



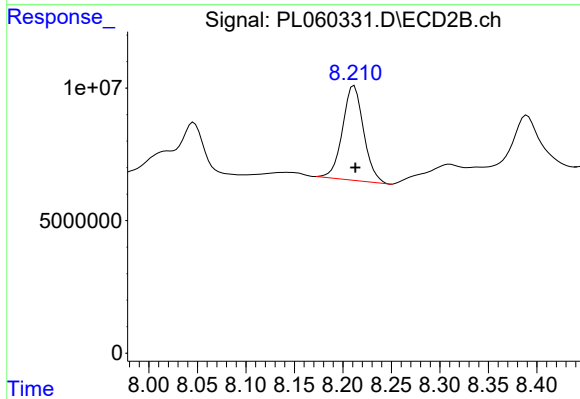
#21 Endrin ketone

R.T.: 7.755 min
Delta R.T.: -0.001 min
Response: 88838017
Conc: 34.40 ng/ml



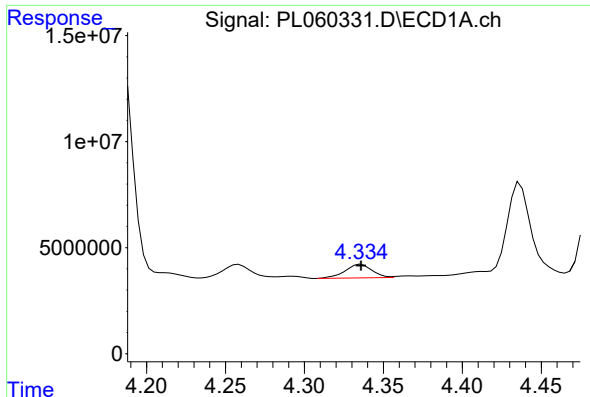
#22 Mirex

R.T.: 7.354 min
Delta R.T.: -0.005 min
Response: 43128992
Conc: 30.32 ng/ml



#22 Mirex

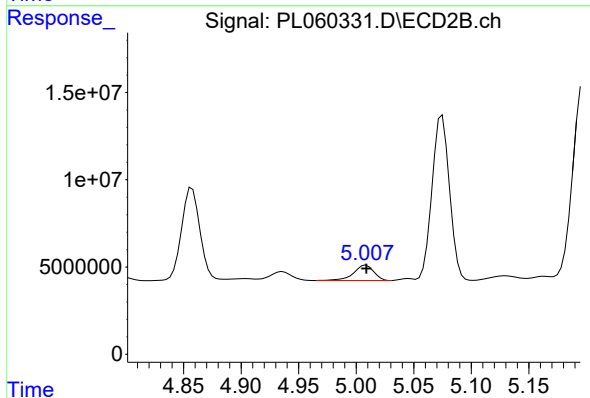
R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 54041565
Conc: 29.24 ng/ml



#23 Chlordane-1

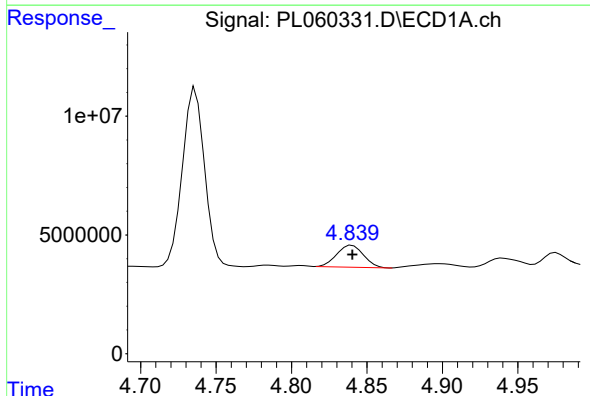
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 7563675
Conc: 123.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



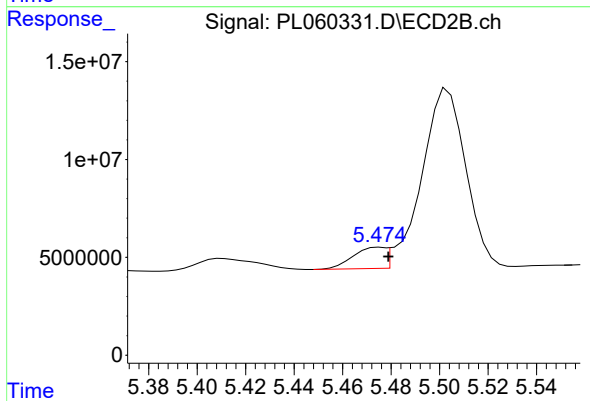
#23 Chlordane-1

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 10781456
Conc: 111.03 ng/ml



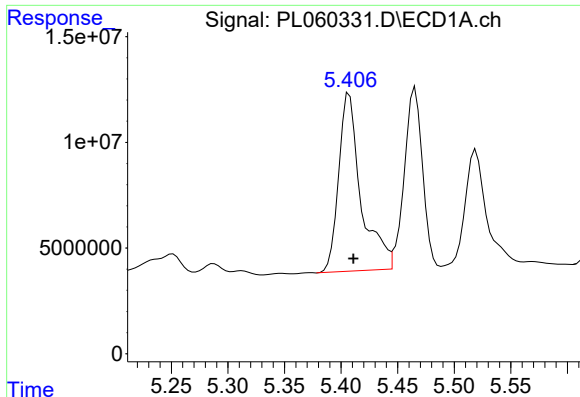
#24 Chlordane-2

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 11353495
Conc: 179.32 ng/ml



#24 Chlordane-2

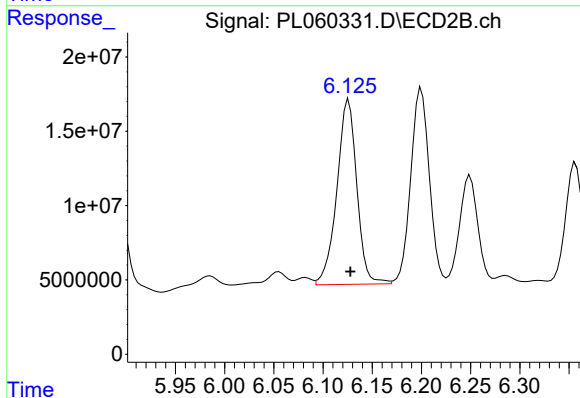
R.T.: 5.476 min
Delta R.T.: -0.003 min
Response: 9951817
Conc: 86.86 ng/ml



#25 Chlordane-3

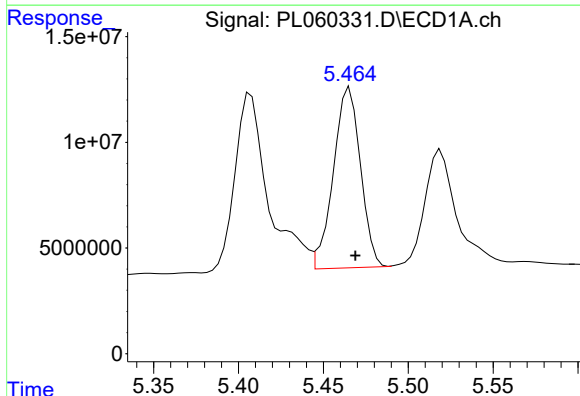
R.T.: 5.407 min
Delta R.T.: -0.004 min
Response: 115456523
Conc: 682.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



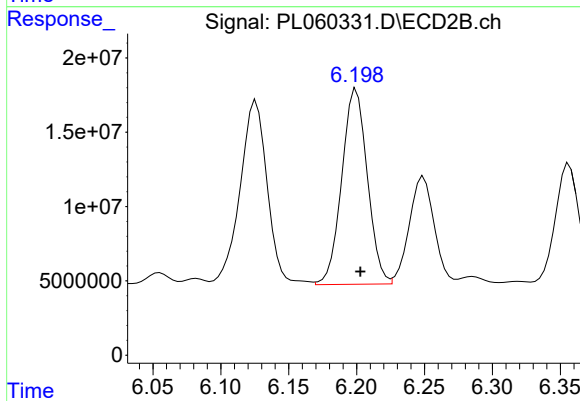
#25 Chlordane-3

R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 175766442
Conc: 454.27 ng/ml



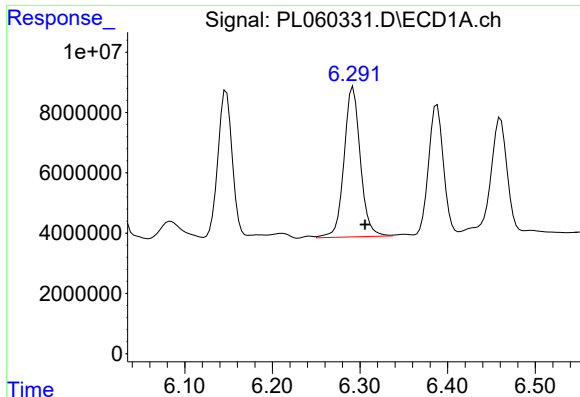
#26 Chlordane-4

R.T.: 5.466 min
Delta R.T.: -0.003 min
Response: 94786783
Conc: 679.38 ng/ml



#26 Chlordane-4

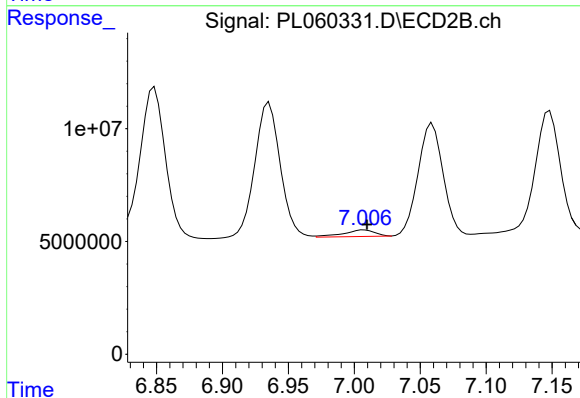
R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 172298372
Conc: 372.22 ng/ml



#27 Chlordane-5

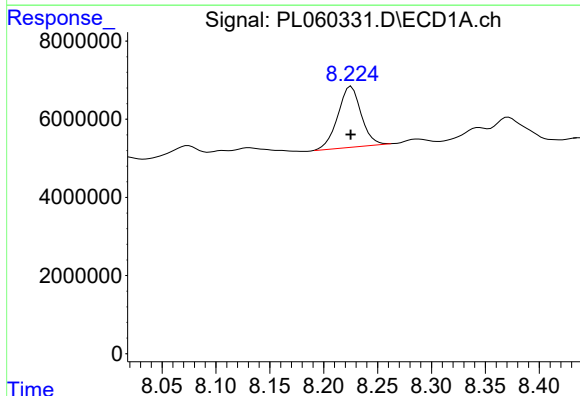
R.T.: 6.292 min
Delta R.T.: -0.013 min
Response: 64384965
Conc: 1134.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSDRE



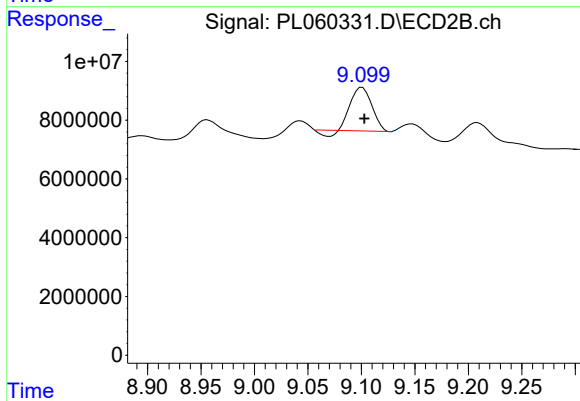
#27 Chlordane-5

R.T.: 7.008 min
Delta R.T.: -0.002 min
Response: 4730759
Conc: 60.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 23366284
Conc: 14.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: -0.002 min
Response: 19318376
Conc: 9.24 ng/ml