

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
 Data File : PL081284.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 11:53
 Operator : AR\AJ
 Sample : 01787-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-3MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/08/2023
 Supervised By : Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:29:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.335	2.666	39516202	33717767	18.290	16.660
28)	SA Decachlor...	8.762	7.791	26586078	30216204	17.439	15.774
Target Compounds							
2)	A alpha-BHC	3.785	3.167	171.7E6	145.4E6	53.962	49.601
3)	MA gamma-BHC...	4.114	3.495	162.4E6	144.6E6	54.900	52.566
4)	MA Heptachlor	4.694	3.829	145.5E6	137.2E6	52.722	49.712
5)	MB Aldrin	5.031	4.107	145.8E6	137.1E6	57.298	52.276
6)	B beta-BHC	4.316	3.794	72909225	62020764	52.968	53.437
7)	B delta-BHC	4.558	4.022	141.3E6	122.0E6	50.852	47.903
8)	B Heptachlo...	5.457	4.609	126.7E6	125.8E6	53.671	52.021
9)	A Endosulfan I	5.838	4.977	115.8E6	114.3E6	54.831	50.496
10)	B gamma-Chl...	5.712	4.859	130.3E6	130.5E6	57.097	53.320
11)	B alpha-Chl...	5.790	4.922	129.6E6	128.3E6	57.529	52.405
12)	B 4,4'-DDE	5.968	5.112	162.4E6	164.7E6	83.005	83.913
13)	MA Dieldrin	6.113	5.242	119.5E6	121.7E6	57.087	53.983
14)	MA Endrin	6.340	5.517	96562888	105.6E6	53.130	52.530
15)	B Endosulfa...	6.562	5.813	100.0E6	103.5E6	57.382	56.114
16)	A 4,4'-DDD	6.484	5.668	94453924	94217488	61.359	61.415
17)	MA 4,4'-DDT	6.795	5.917	81507298	82670874	51.349	51.531
18)	B Endrin al...	6.691	5.994	79600777	82595114	55.612m	54.517
19)	B Endosulfa...	6.926	6.217	96587716	97360220	53.794	50.654
20)	A Methoxychlor	7.276	6.497	44986478	46160863	52.227	49.737
21)	B Endrin ke...	7.406	6.722	104.5E6	109.8E6	57.617	50.975
22)	Mirex	7.871	6.895	76856137	91987683	52.673	47.795

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030723\
Data File : PL081284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2023 11:53
Operator : AR\AJ
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Instrument :

ECD_L

ClientSampleId :

COMP-3MSD

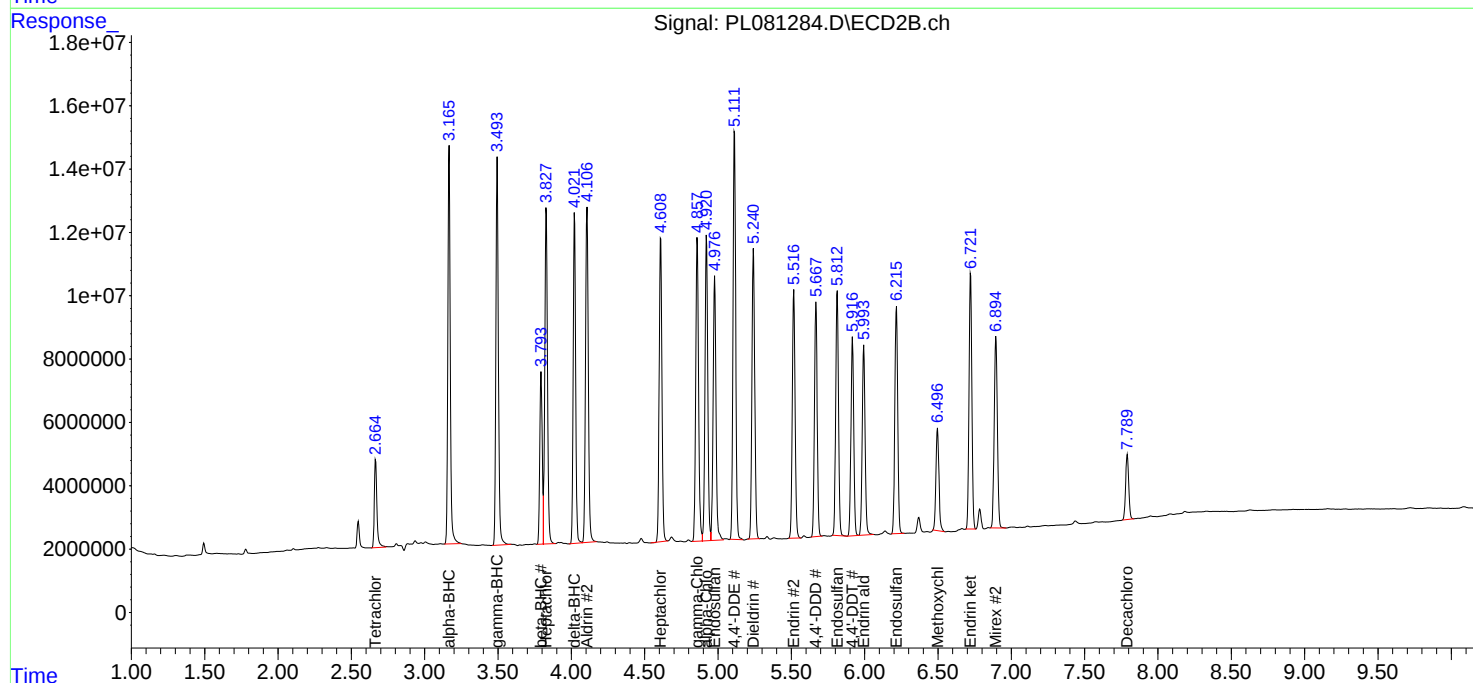
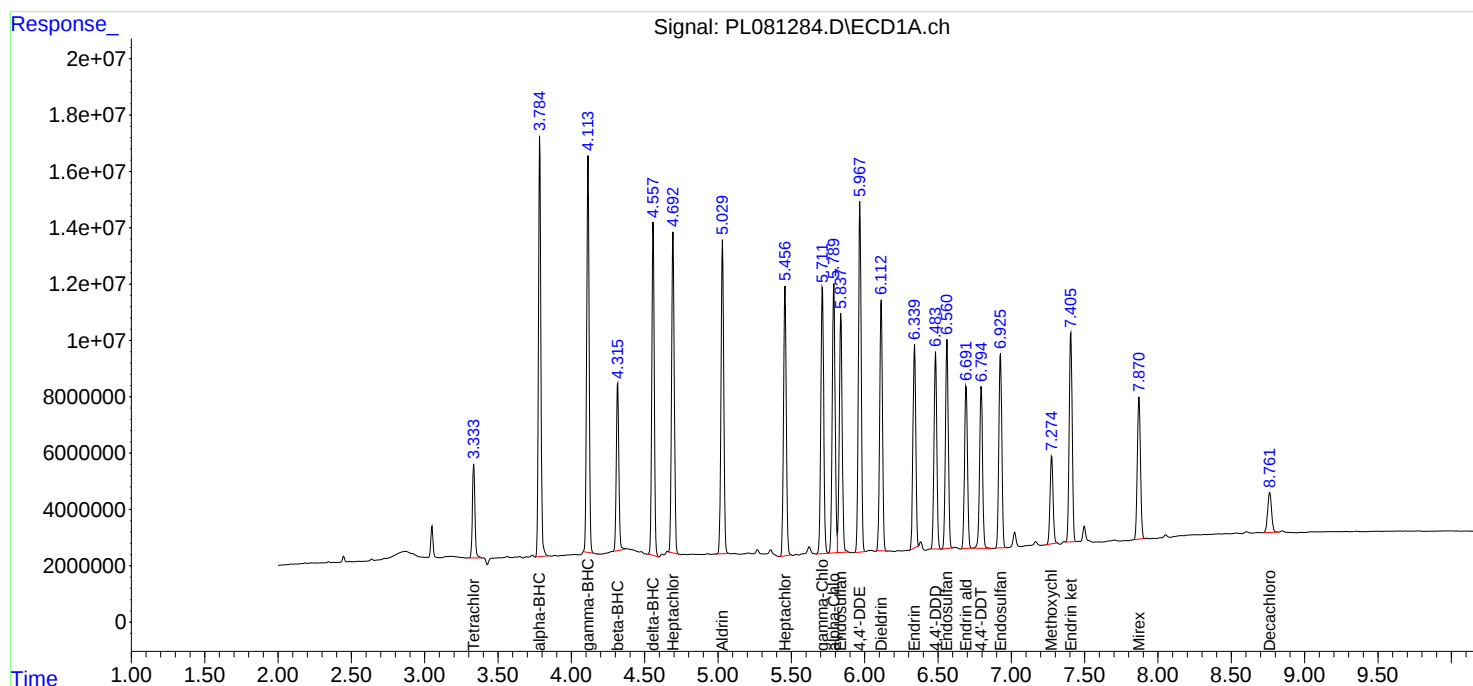
Manual Integrations

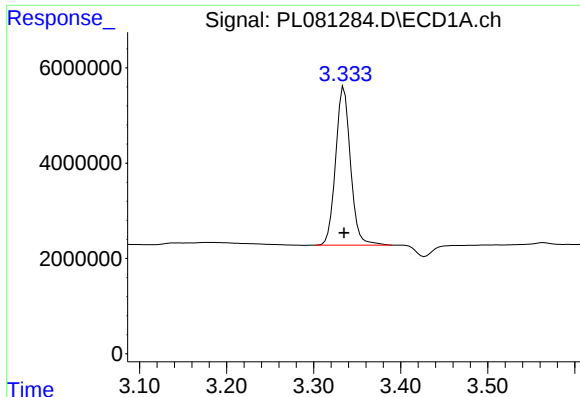
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Supervised By :Ankita Jodhani 03/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 19:29:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





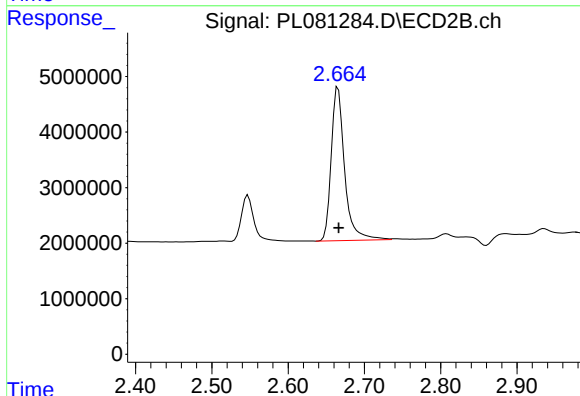
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 39516202
Conc: 18.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

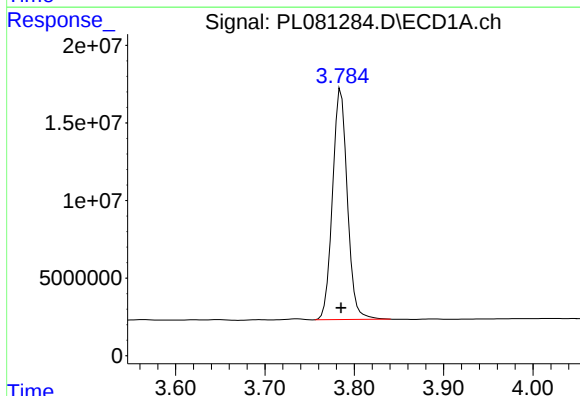
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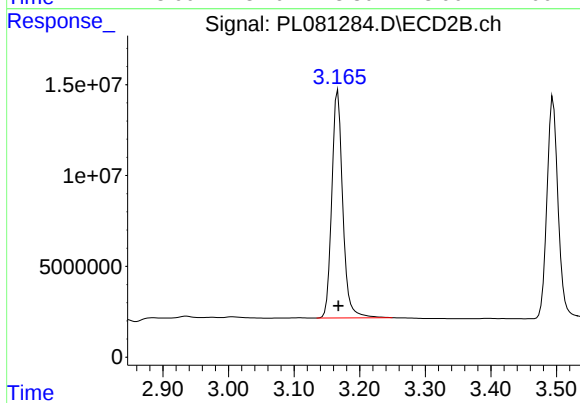
#1 Tetrachloro-m-xylene

R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 33717767
Conc: 16.66 ng/ml



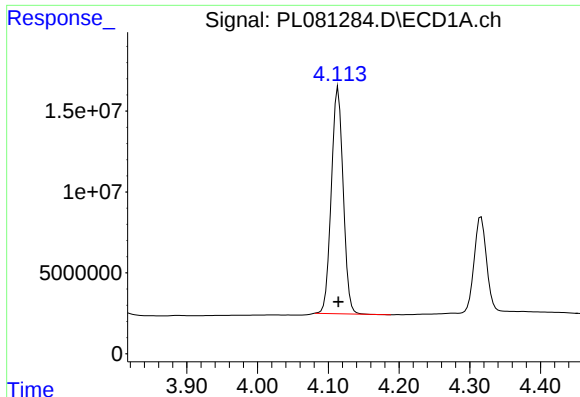
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 171666609
Conc: 53.96 ng/ml



#2 alpha-BHC

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 145363480
Conc: 49.60 ng/ml



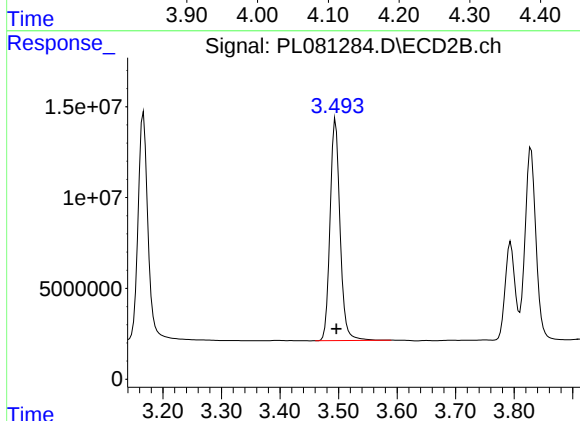
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 162424876
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

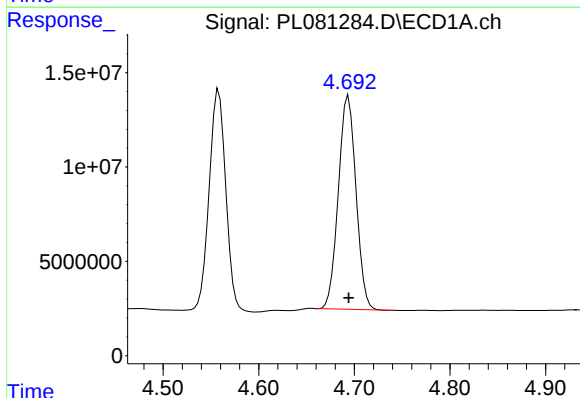
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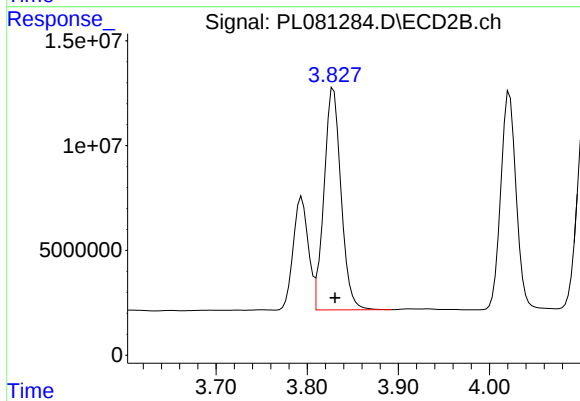
#3 gamma-BHC (Lindane)

R.T.: 3.495 min
Delta R.T.: -0.002 min
Response: 144610869
Conc: 52.57 ng/ml



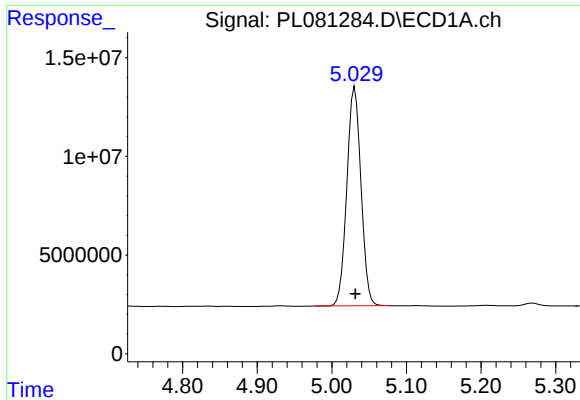
#4 Heptachlor

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 145481335
Conc: 52.72 ng/ml



#4 Heptachlor

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 137182079
Conc: 49.71 ng/ml



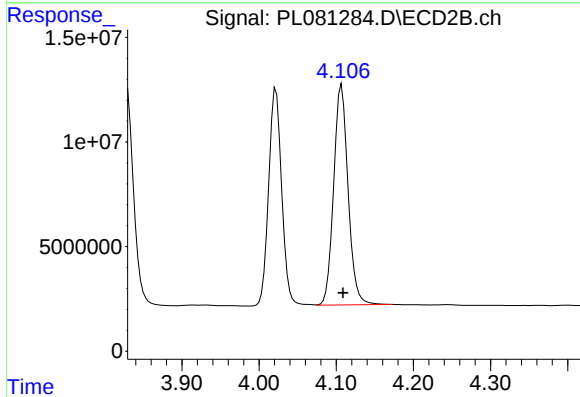
#5 Aldrin

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 145772900
Conc: 57.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

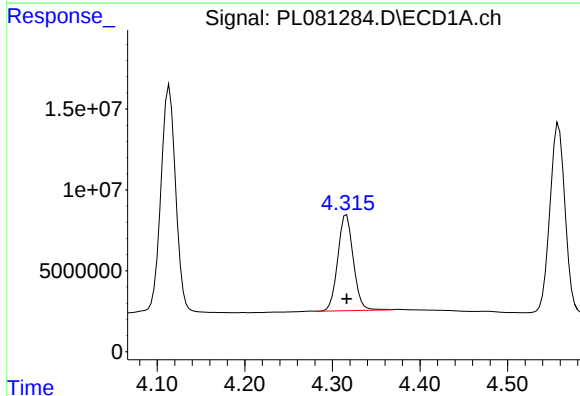
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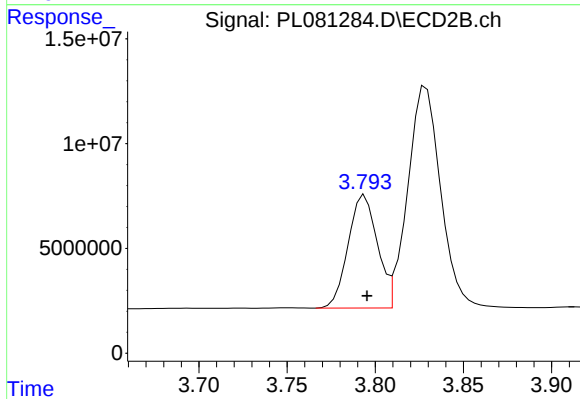
#5 Aldrin

R.T.: 4.107 min
Delta R.T.: -0.002 min
Response: 137053451
Conc: 52.28 ng/ml



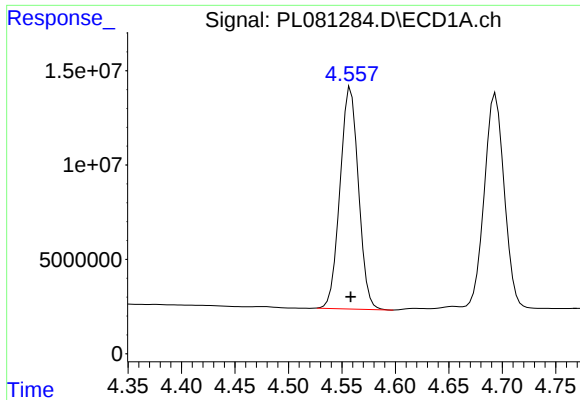
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 72909225
Conc: 52.97 ng/ml



#6 beta-BHC

R.T.: 3.794 min
Delta R.T.: -0.001 min
Response: 62020764
Conc: 53.44 ng/ml



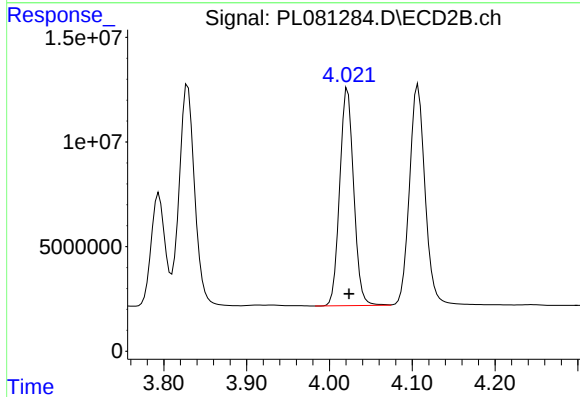
#7 delta-BHC

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 141326547
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

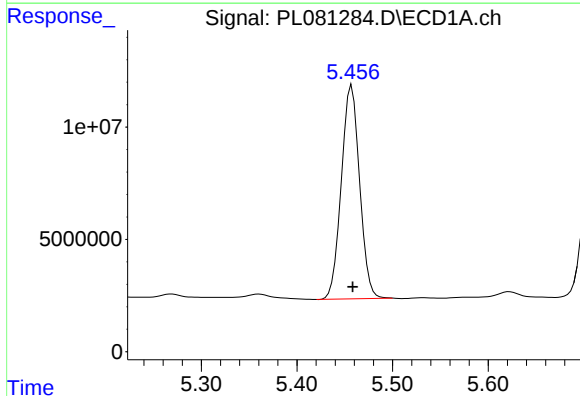
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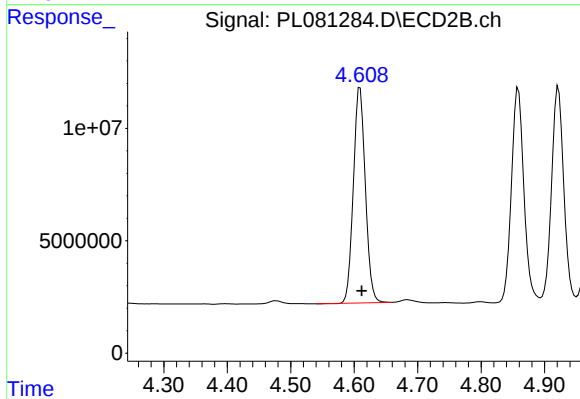
#7 delta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 121993307
Conc: 47.90 ng/ml



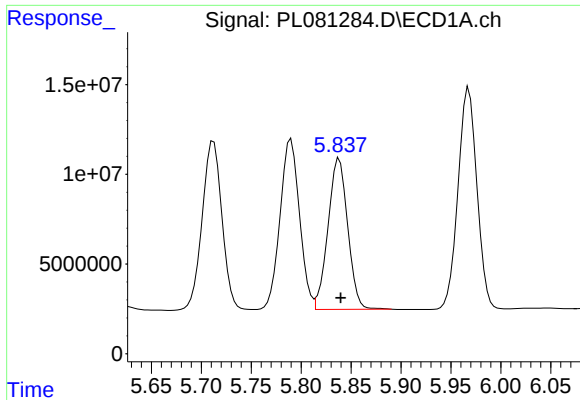
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.001 min
Response: 126663685
Conc: 53.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.609 min
Delta R.T.: -0.003 min
Response: 125791350
Conc: 52.02 ng/ml



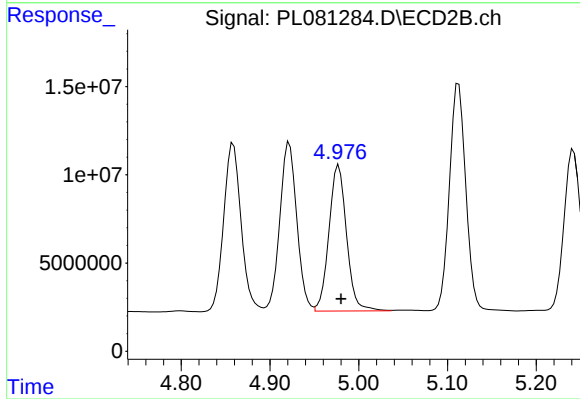
#9 Endosulfan I

R.T.: 5.838 min
Delta R.T.: -0.001 min
Response: 115843688
Conc: 54.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

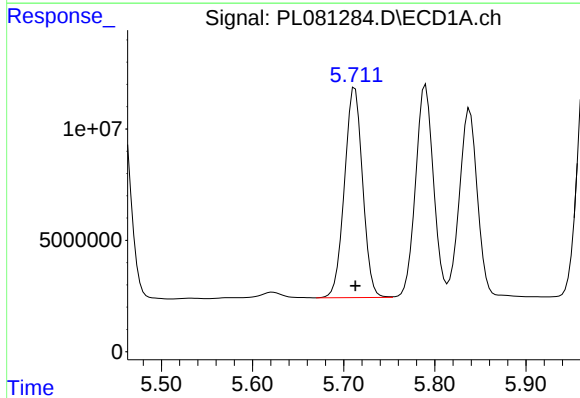
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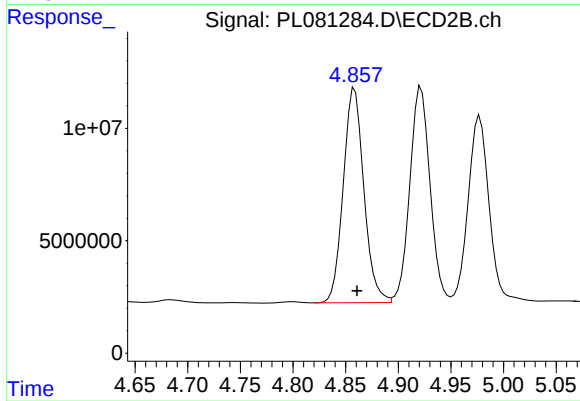
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 114305569
Conc: 50.50 ng/ml



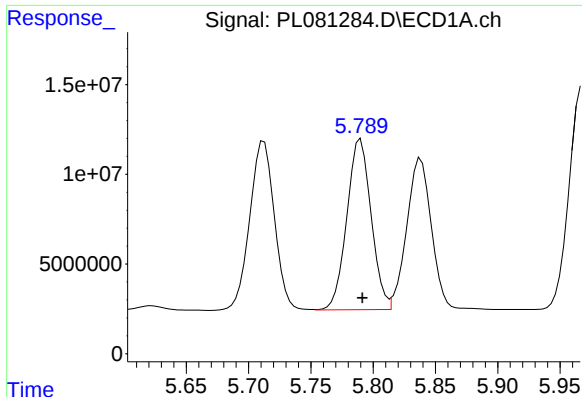
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 130289537
Conc: 57.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 130513775
Conc: 53.32 ng/ml



#11 alpha-Chlordane

R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 129609957
Conc: 57.53 ng/ml

Instrument :

ECD_L

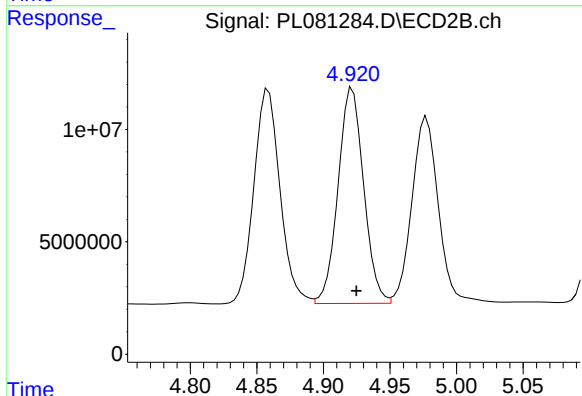
ClientSampleId :

COMP-3MSD

Manual Integrations

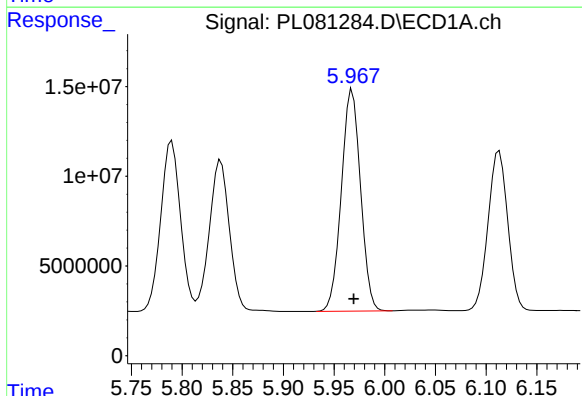
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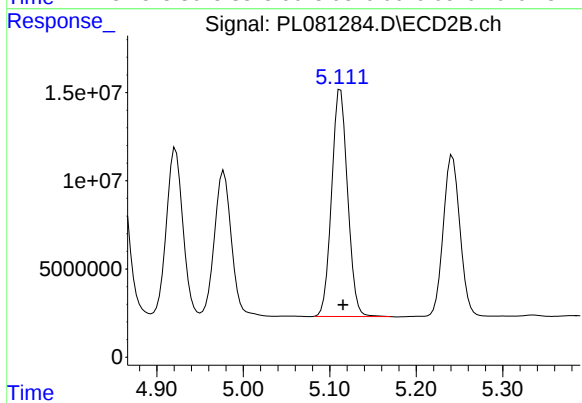
#11 alpha-Chlordane

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 128315002
Conc: 52.40 ng/ml



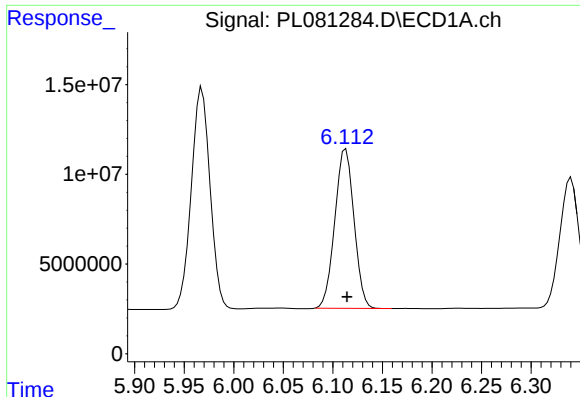
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 162406594
Conc: 83.00 ng/ml



#12 4,4'-DDE

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 164709619
Conc: 83.91 ng/ml



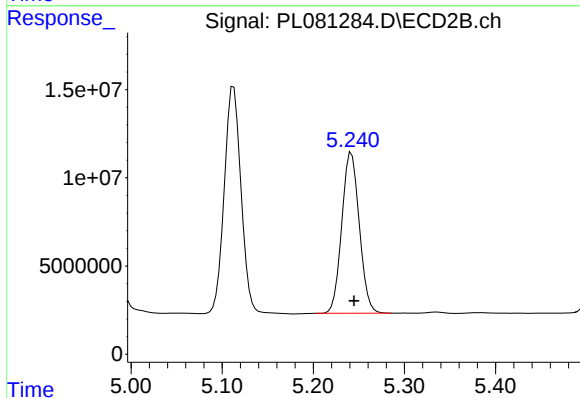
#13 Dieldrin

R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 119481471
Conc: 57.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

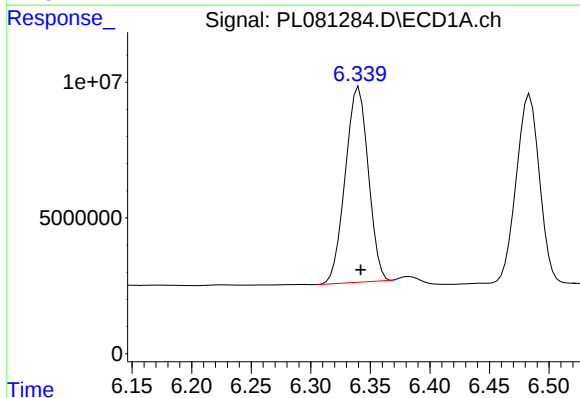
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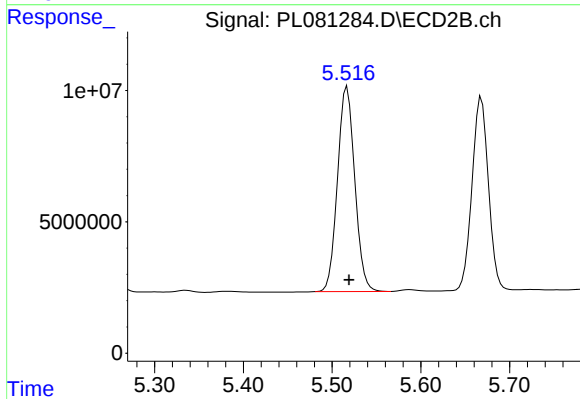
#13 Dieldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 121696114
Conc: 53.98 ng/ml



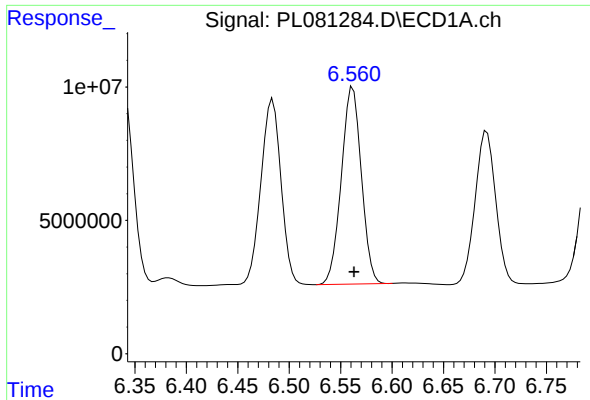
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 96562888
Conc: 53.13 ng/ml



#14 Endrin

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 105565461
Conc: 52.53 ng/ml



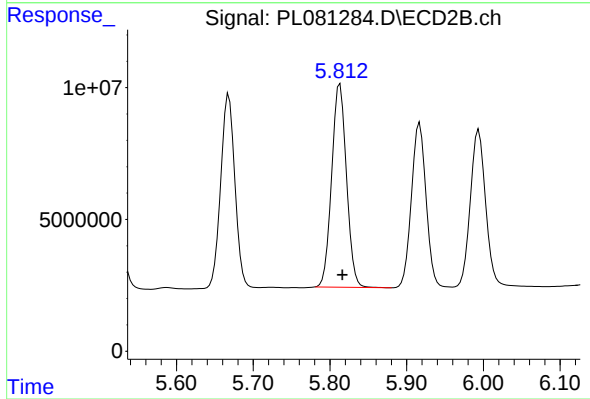
#15 Endosulfan II

R.T.: 6.562 min
Delta R.T.: -0.001 min
Response: 100045557
Conc: 57.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

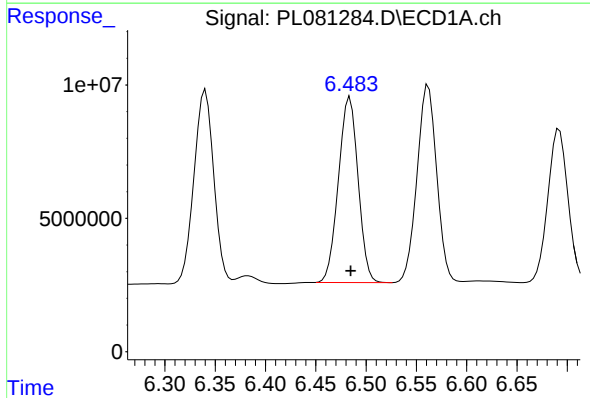
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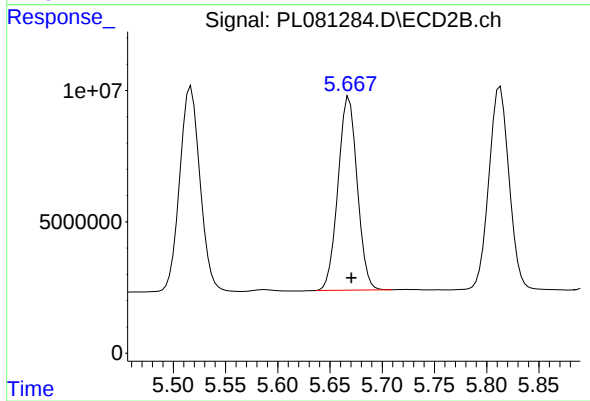
#15 Endosulfan II

R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 103458032
Conc: 56.11 ng/ml



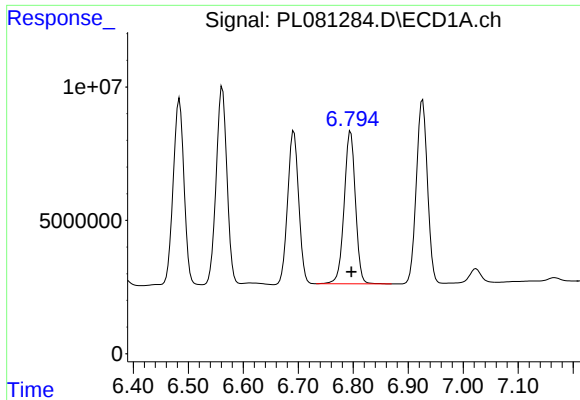
#16 4,4'-DDD

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 94453924
Conc: 61.36 ng/ml



#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 94217488
Conc: 61.42 ng/ml



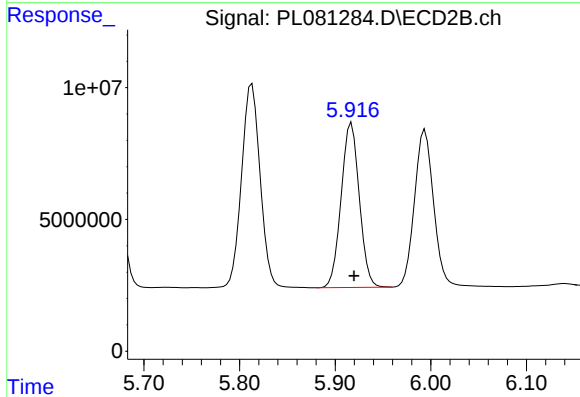
#17 4,4'-DDT

R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 81507298
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

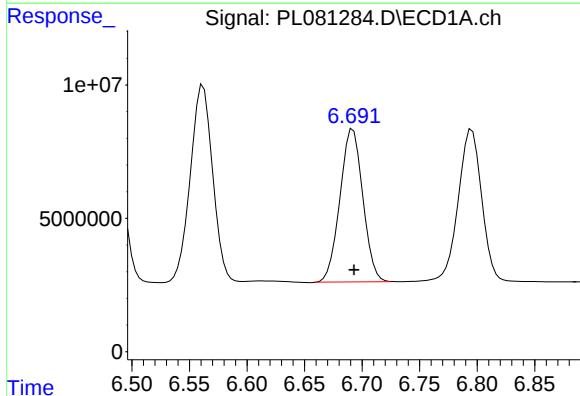
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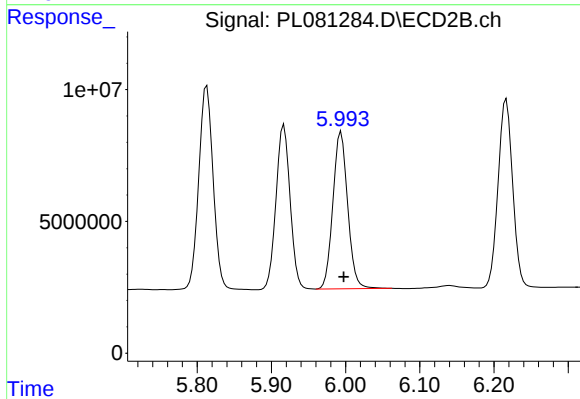
#17 4,4'-DDT

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 82670874
Conc: 51.53 ng/ml



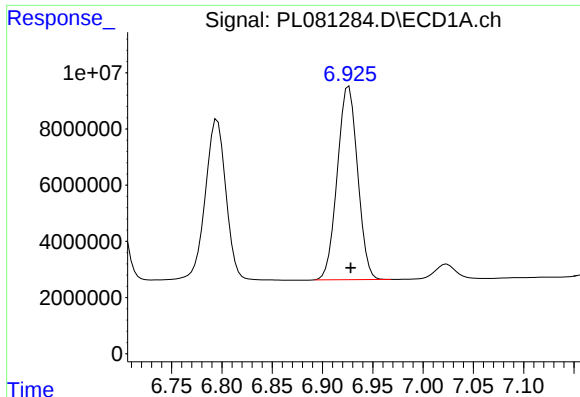
#18 Endrin aldehyde

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 79600777
Conc: 55.61 ng/ml m



#18 Endrin aldehyde

R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 82595114
Conc: 54.52 ng/ml



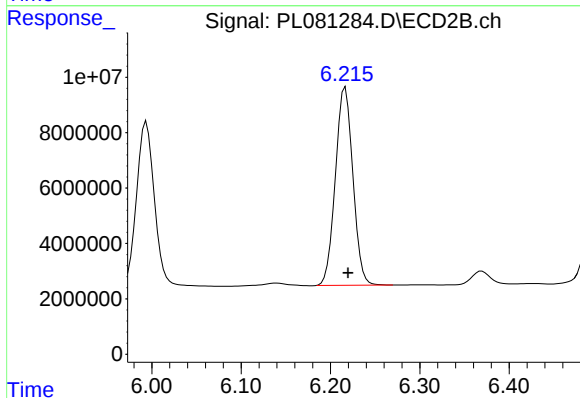
#19 Endosulfan Sulfate

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 96587716
Conc: 53.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

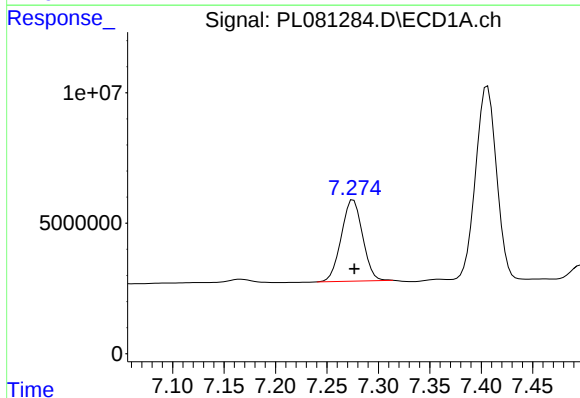
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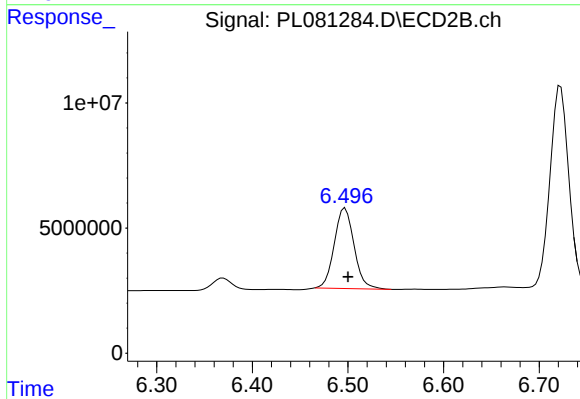
#19 Endosulfan Sulfate

R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 97360220
Conc: 50.65 ng/ml



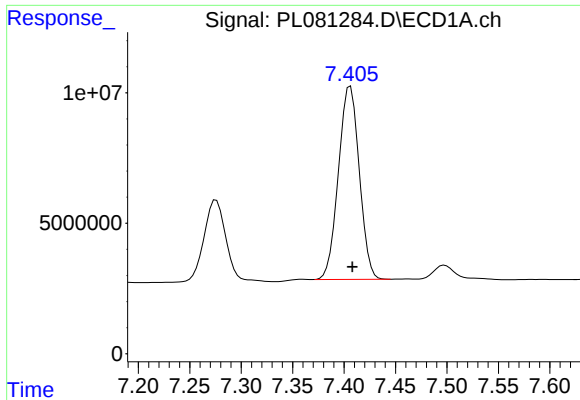
#20 Methoxychlor

R.T.: 7.276 min
Delta R.T.: -0.001 min
Response: 44986478
Conc: 52.23 ng/ml



#20 Methoxychlor

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 46160863
Conc: 49.74 ng/ml



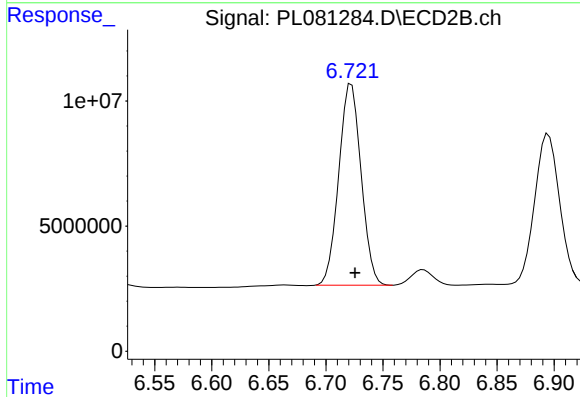
#21 Endrin ketone

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 104516678
Conc: 57.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

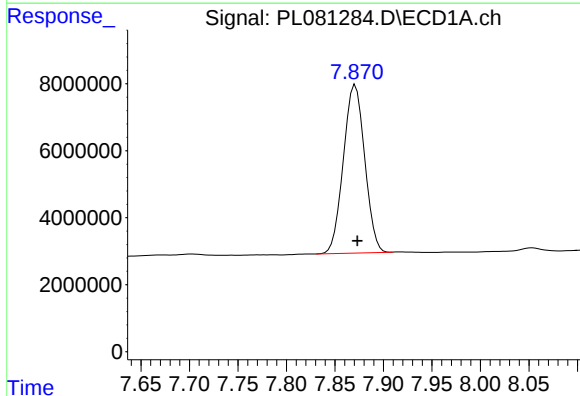
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/08/2023
Supervised By :Ankita Jodhani 03/08/2023



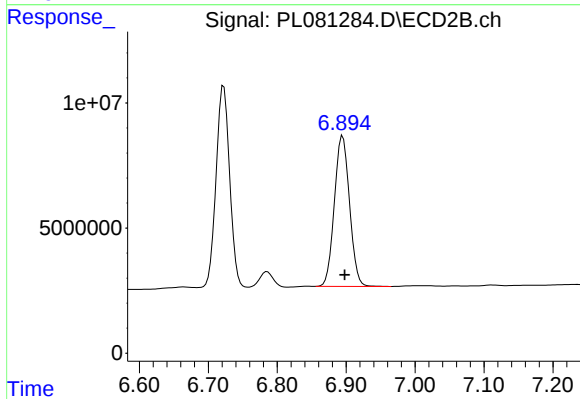
#21 Endrin ketone

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 109753534
Conc: 50.97 ng/ml



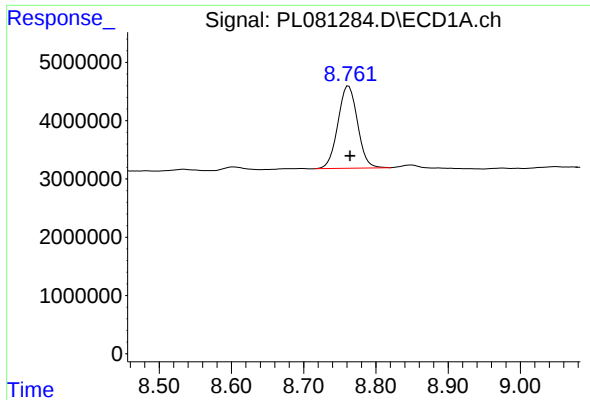
#22 Mirex

R.T.: 7.871 min
Delta R.T.: -0.002 min
Response: 76856137
Conc: 52.67 ng/ml



#22 Mirex

R.T.: 6.895 min
Delta R.T.: -0.003 min
Response: 91987683
Conc: 47.79 ng/ml



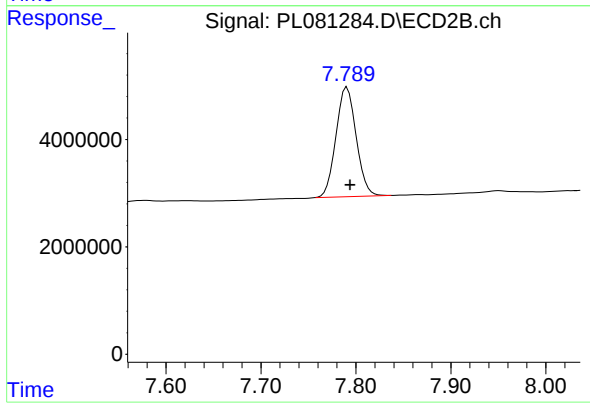
#28 Decachlorobiphenyl

R.T.: 8.762 min
Delta R.T.: -0.002 min
Response: 26586078
Conc: 17.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

Manual Integrations
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Supervised By :Ankita Jodhani 03/08/2023



#28 Decachlorobiphenyl

R.T.: 7.791 min
Delta R.T.: -0.003 min
Response: 30216204
Conc: 15.77 ng/ml