

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100322\
 Data File : PL078080.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2022 04:35
 Operator : AR\AJ
 Sample : N4914-02MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/04/2022
 Supervised By : Ankita Jodhani 10/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 06:41:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100322.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 03 19:46:18 2022
 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...	3.414	2.624	32654393	39512638	17.705	14.058
28)	SA Decachlor...	8.903	7.720	32957601	39890369	20.993	18.382
Target Compounds							
2)	A alpha-BHC	3.879	3.119	194.8E6	373.7E6	70.179	85.623
3)	MA gamma-BHC...	4.214	3.439	134.0E6	174.6E6	51.618	45.581
4)	MA Heptachlor	4.790	3.771	127.4E6	174.6E6	48.643	46.259
5)	MB Aldrin	5.130	4.045	129.4E6	166.3E6	54.577	46.600
6)	B beta-BHC	4.426	3.739	65324296	70561369	56.973	44.144
7)	B delta-BHC	4.671	3.962	112.7E6	186.7E6	47.644	47.704
8)	B Heptachlo...	5.562	4.543	112.4E6	152.3E6	52.334	47.983
9)	A Endosulfan I	5.949	4.909	104.9E6	143.6E6	54.573	49.231
10)	B gamma-Chl...	5.818	4.792	127.8E6	161.8E6	61.403	50.735
11)	B alpha-Chl...	5.895	4.855	111.3E6	148.7E6	53.950	48.559
12)	B 4,4'-DDE	6.073	5.049	89463863	149.7E6	46.260m	49.394
13)	MA Dieldrin	6.227	5.171	112.3E6	177.5E6	58.130	57.530
14)	MA Endrin	6.458	5.444	96224576	151.7E6	56.522	58.380
15)	B Endosulfa...	6.686	5.740	96593237	138.9E6	53.268	52.819
16)	A 4,4'-DDD	6.600	5.602	82366148	122.5E6	56.476	51.590
17)	MA 4,4'-DDT	6.910	5.850	90319509	119.2E6	54.608	48.842
18)	B Endrin al...	6.818	5.919	76391200	103.9E6	59.714	52.854
19)	B Endosulfa...	7.051	6.143	81890590	126.5E6	52.730	50.826
20)	A Methoxychlor	7.392	6.427	44214042	64375997	53.562	49.901
21)	B Endrin ke...	7.539	6.641	91286565	136.9E6	54.587	49.832
22)	Mirex	7.999	6.817	70482388	99796460	55.307	50.857

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100322\
Data File : PL078080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2022 04:35
Operator : AR\AJ
Sample : N4914-02MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

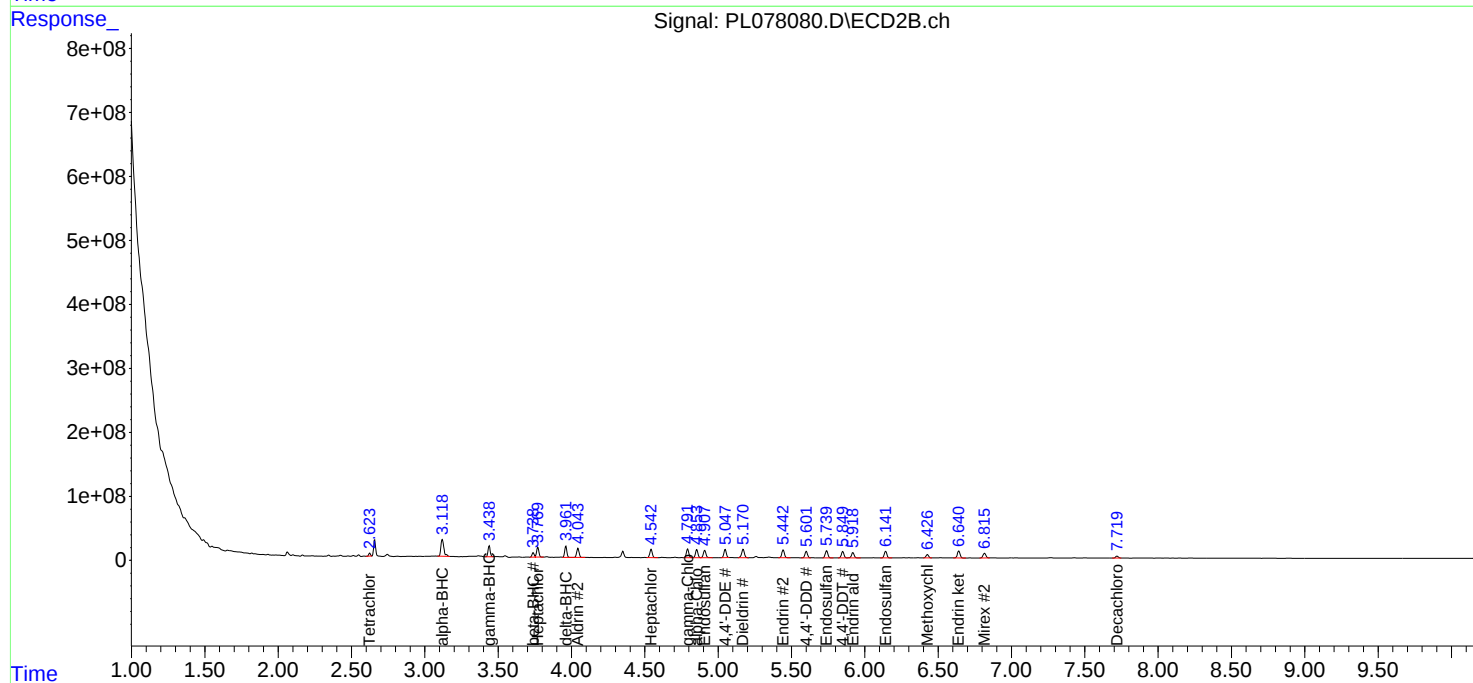
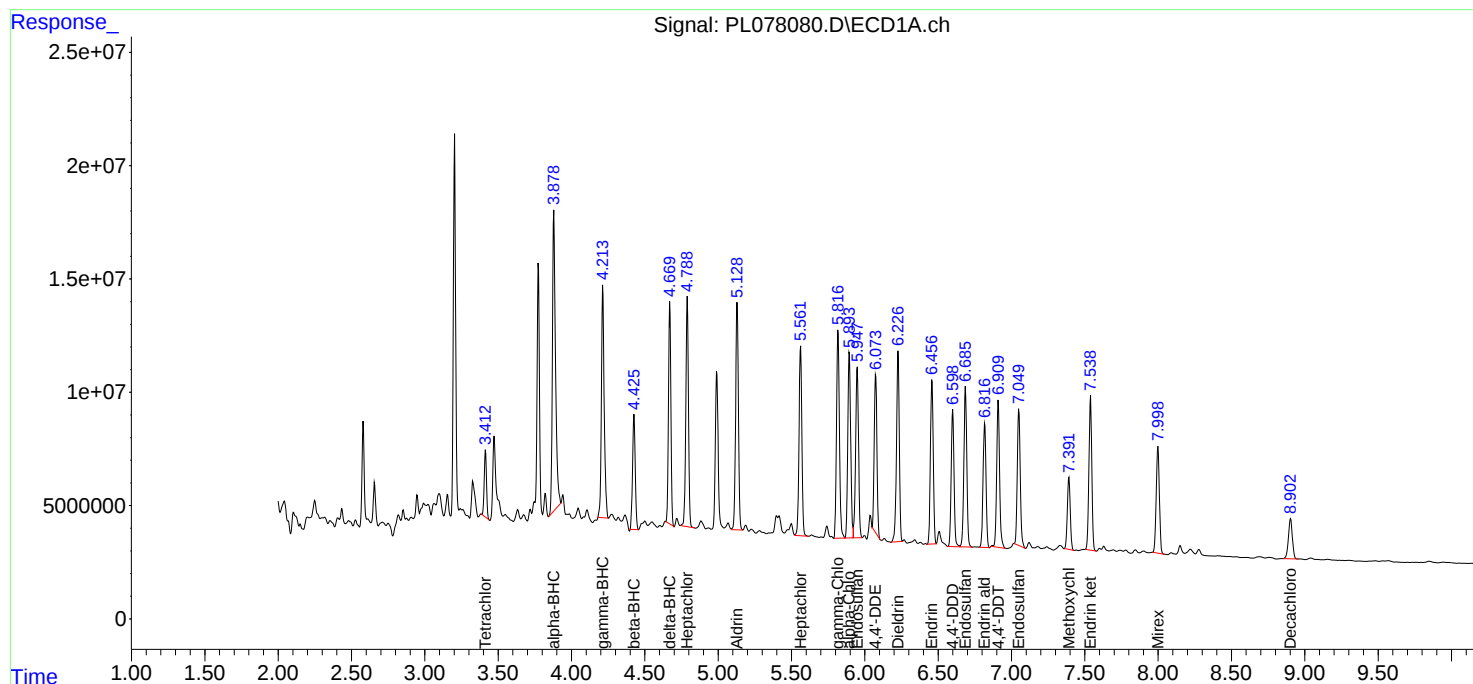
Instrument :
ECD_L
ClientSampleId :
S1MSD

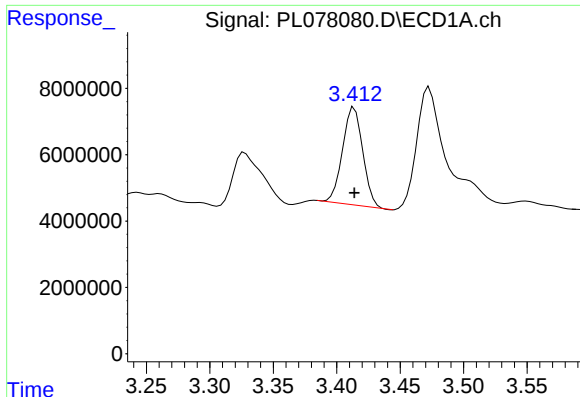
Manual Integrations
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Supervised By : Ankita Jodhani 10/04/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 06:41:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100322.M
Quant Title : GC Extractables
QLast Update : Mon Oct 03 19:46:18 2022
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





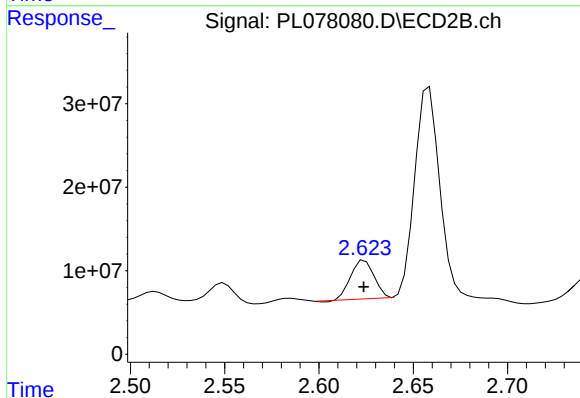
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 32654393
Conc: 17.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

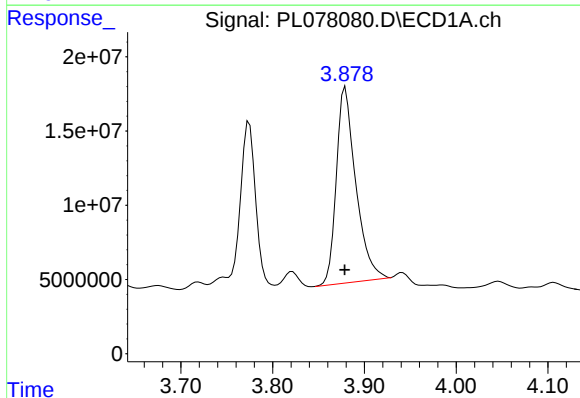
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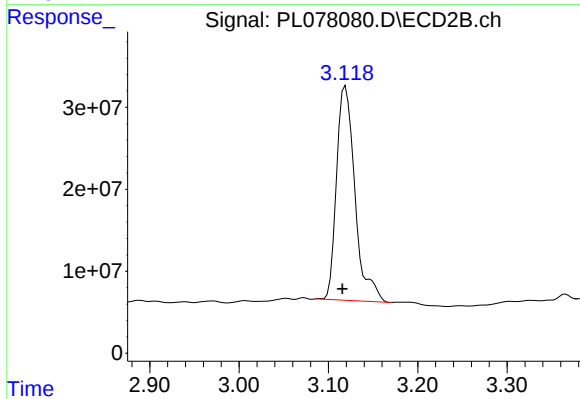
#1 Tetrachloro-m-xylene

R.T.: 2.624 min
Delta R.T.: 0.000 min
Response: 39512638
Conc: 14.06 ng/ml



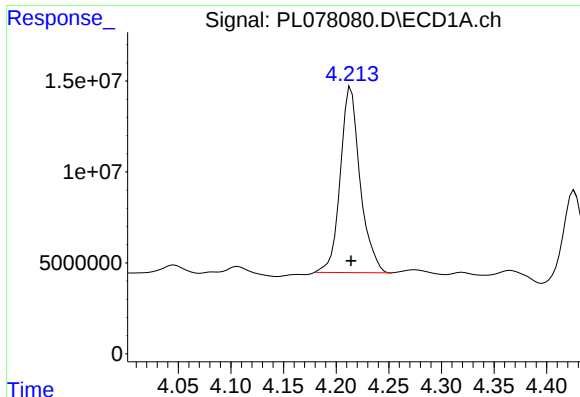
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.001 min
Response: 194774162
Conc: 70.18 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: 0.003 min
Response: 373696540
Conc: 85.62 ng/ml



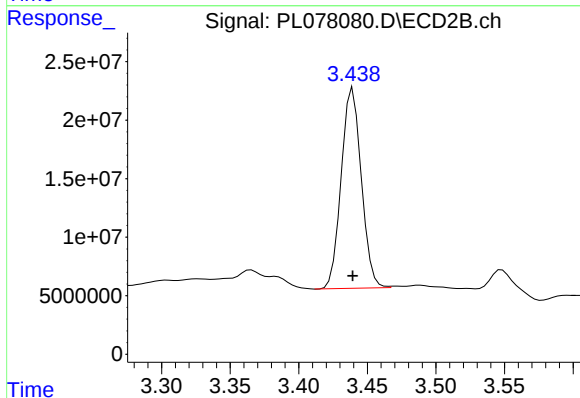
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 133991834
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

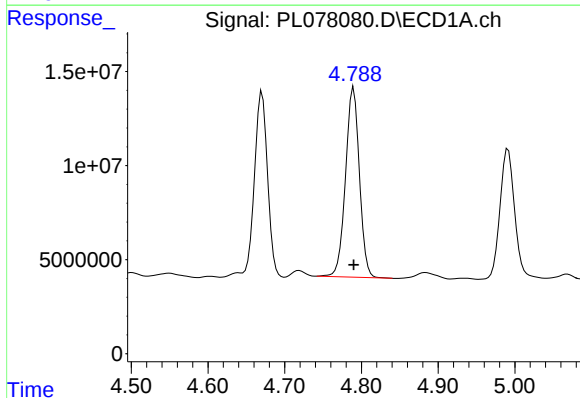
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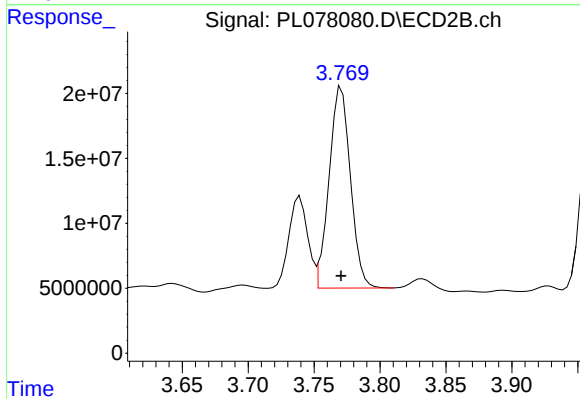
#3 gamma-BHC (Lindane)

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 174565177
Conc: 45.58 ng/ml



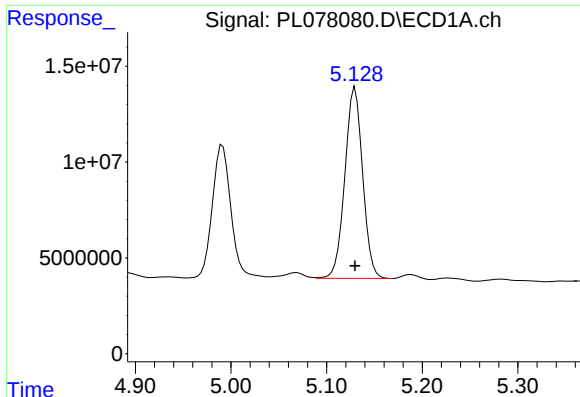
#4 Heptachlor

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 127428699
Conc: 48.64 ng/ml



#4 Heptachlor

R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 174623706
Conc: 46.26 ng/ml



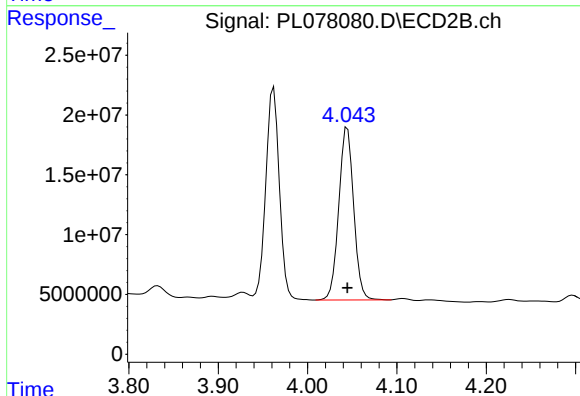
#5 Aldrin

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 129389423
Conc: 54.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

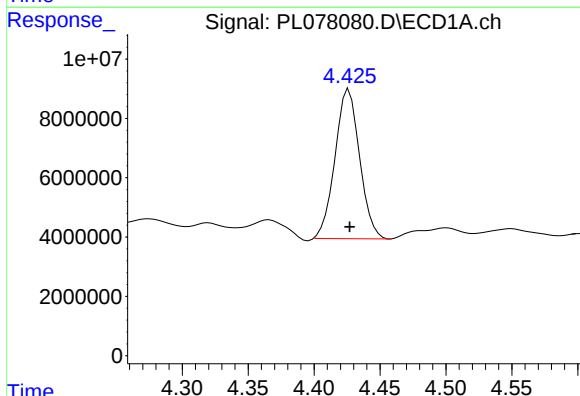
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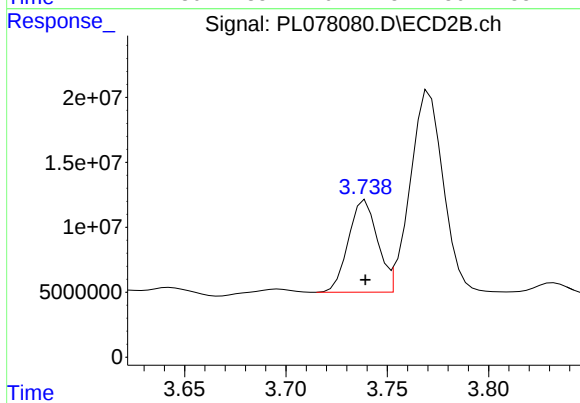
#5 Aldrin

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 166322273
Conc: 46.60 ng/ml



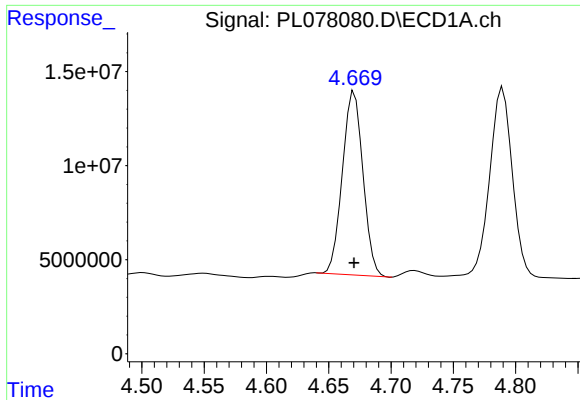
#6 beta-BHC

R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 65324296
Conc: 56.97 ng/ml



#6 beta-BHC

R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 70561369
Conc: 44.14 ng/ml



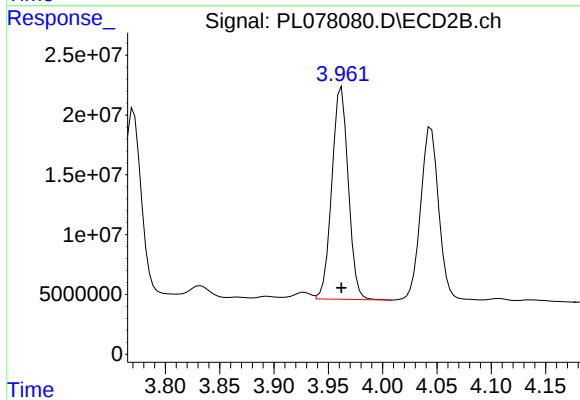
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 112715175
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

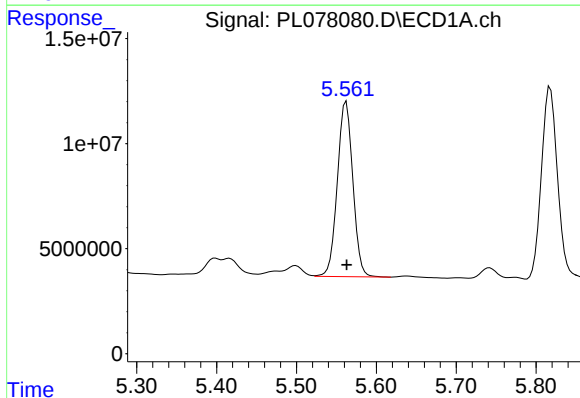
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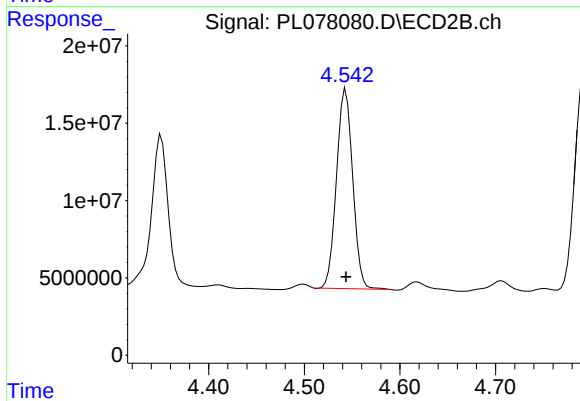
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 186655961
Conc: 47.70 ng/ml



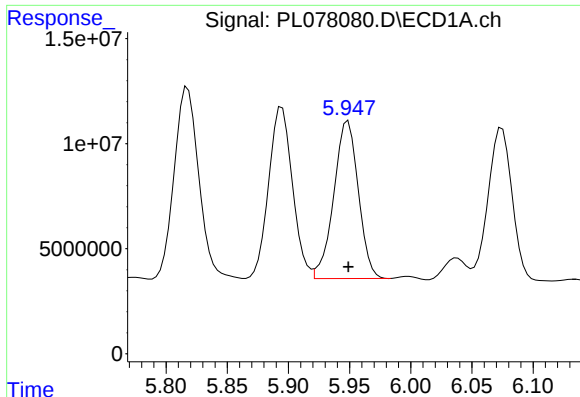
#8 Heptachlor epoxide

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 112392324
Conc: 52.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 152294805
Conc: 47.98 ng/ml



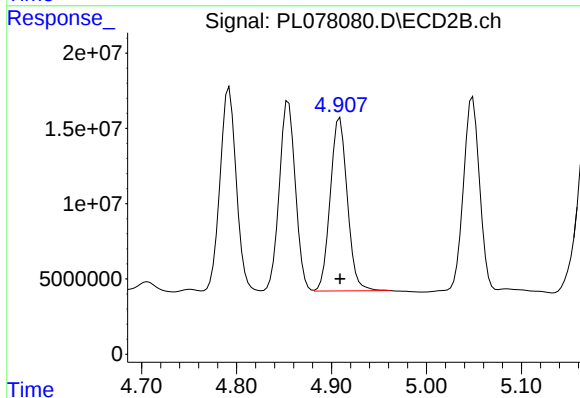
#9 Endosulfan I

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 104926234
Conc: 54.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

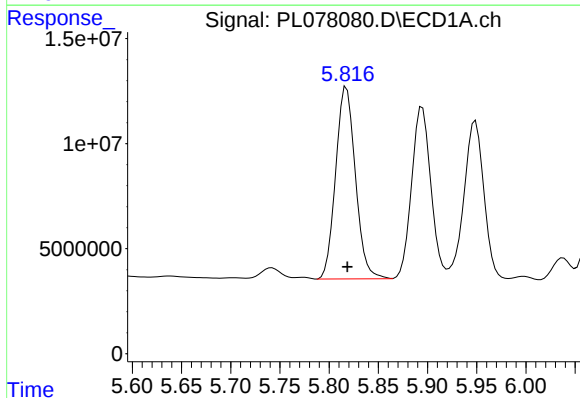
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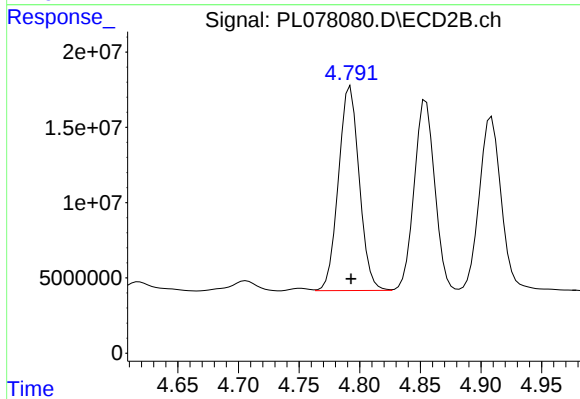
#9 Endosulfan I

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 143634306
Conc: 49.23 ng/ml



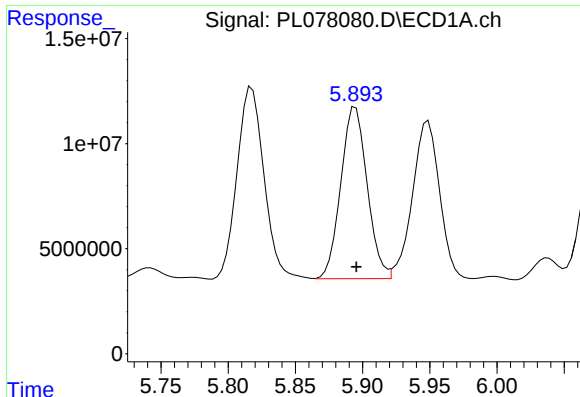
#10 gamma-Chlordane

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 127807477
Conc: 61.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 161781999
Conc: 50.73 ng/ml



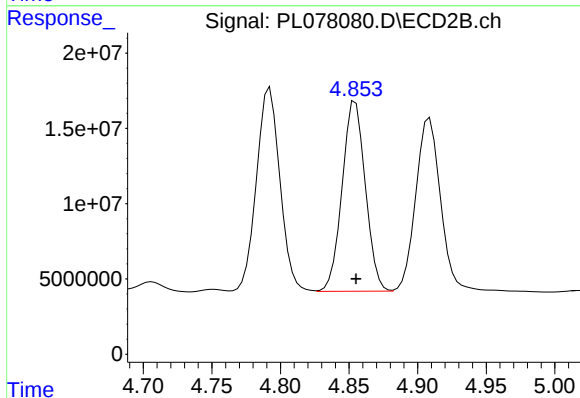
#11 alpha-Chlordane

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 111314693
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

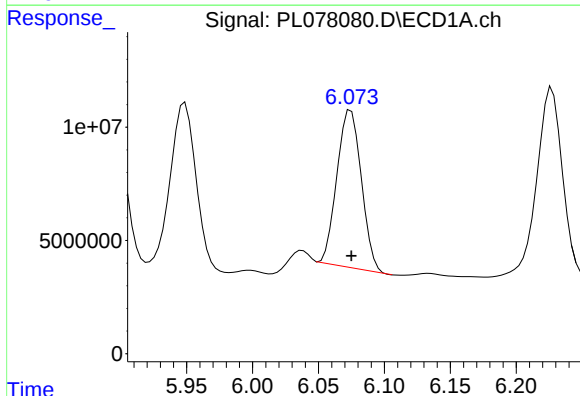
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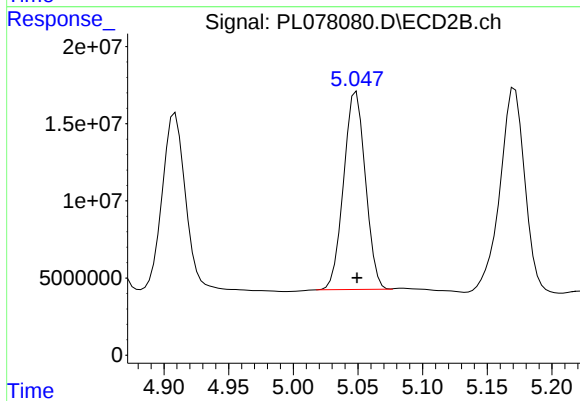
#11 alpha-Chlordane

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 148726494
Conc: 48.56 ng/ml



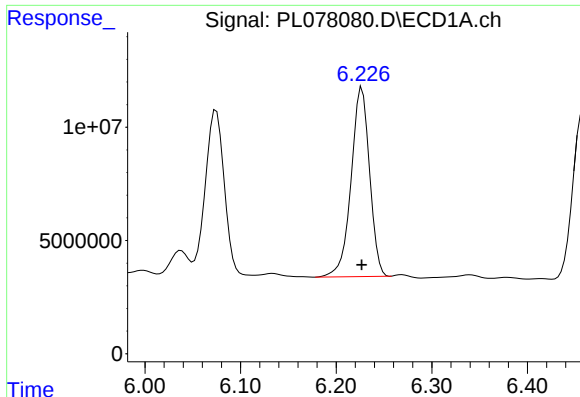
#12 4,4'-DDE

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 89463863
Conc: 46.26 ng/ml m



#12 4,4'-DDE

R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 149710865
Conc: 49.39 ng/ml



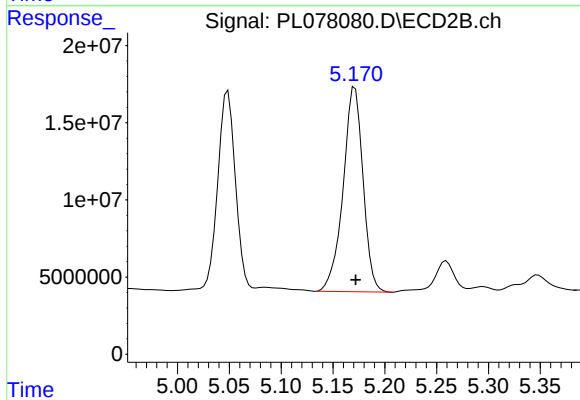
#13 Dieldrin

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 112285088
Conc: 58.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

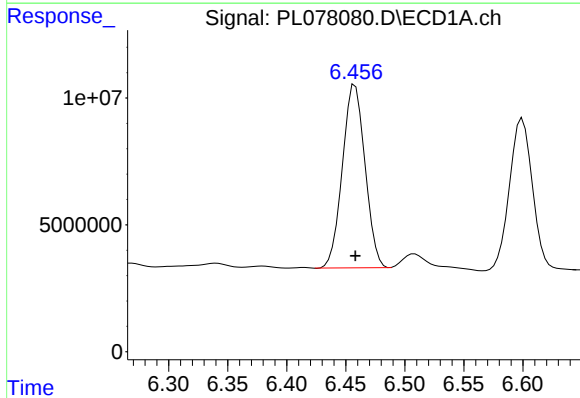
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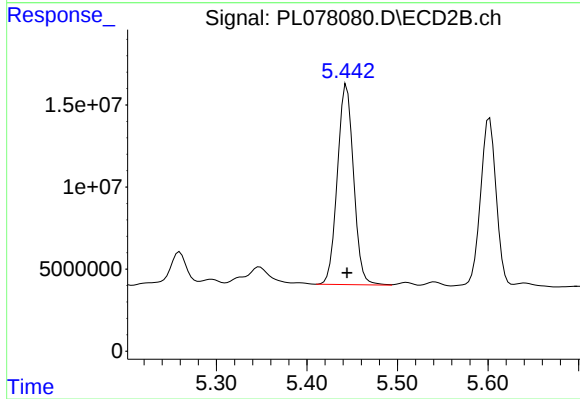
#13 Dieldrin

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 177454464
Conc: 57.53 ng/ml



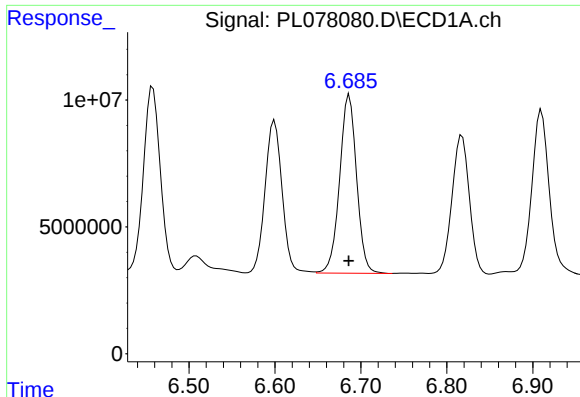
#14 Endrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 96224576
Conc: 56.52 ng/ml



#14 Endrin

R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 151727470
Conc: 58.38 ng/ml



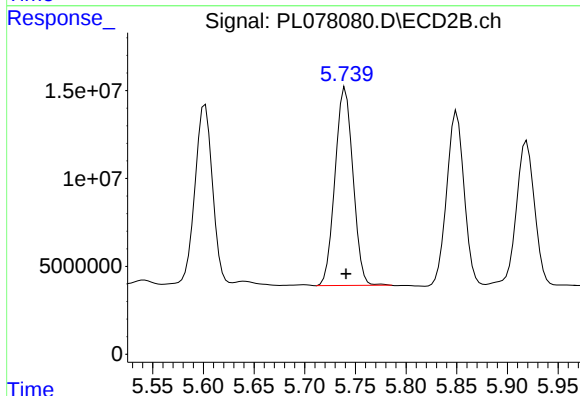
#15 Endosulfan II

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 96593237
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

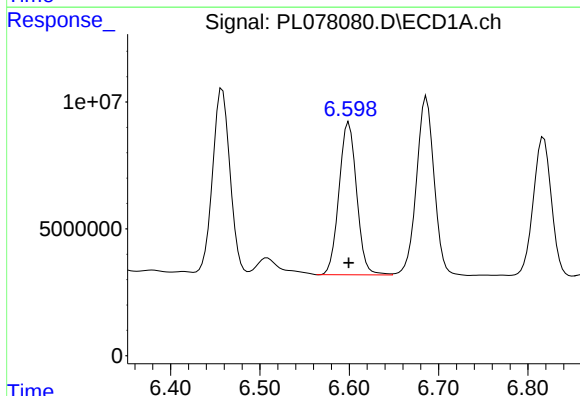
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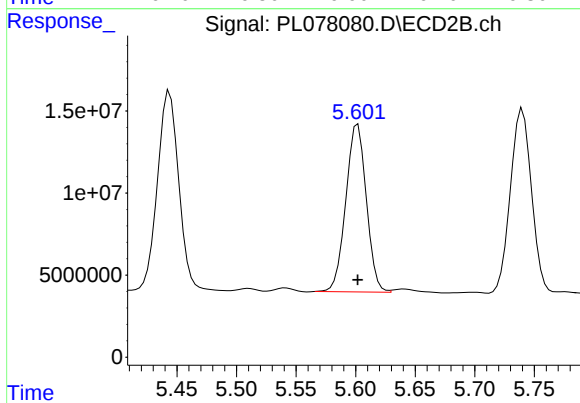
#15 Endosulfan II

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 138913951
Conc: 52.82 ng/ml



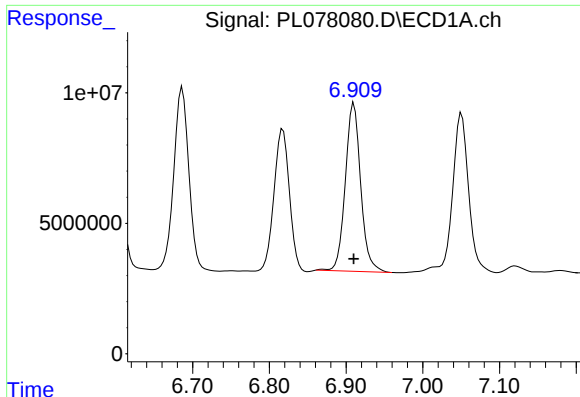
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 82366148
Conc: 56.48 ng/ml



#16 4,4'-DDD

R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 122549679
Conc: 51.59 ng/ml



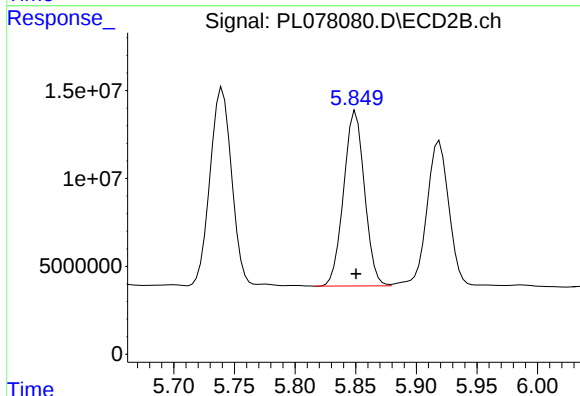
#17 4,4'-DDT

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 90319509
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

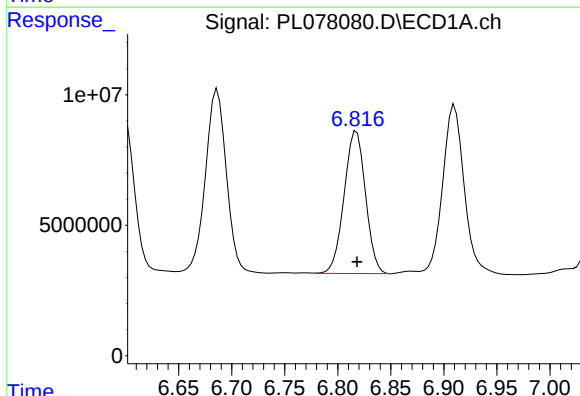
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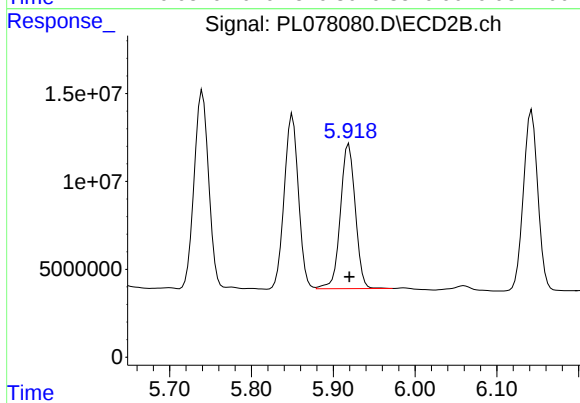
#17 4,4'-DDT

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 119191822
Conc: 48.84 ng/ml



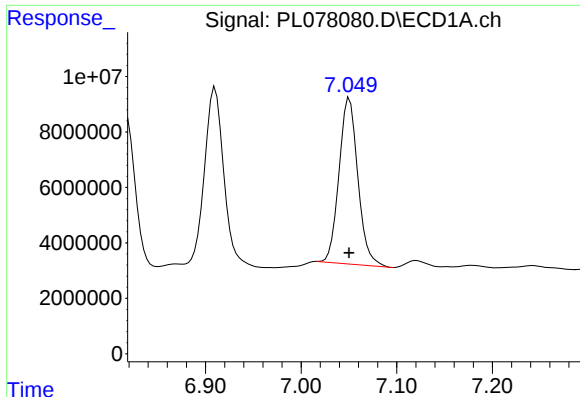
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 76391200
Conc: 59.71 ng/ml



#18 Endrin aldehyde

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 103895639
Conc: 52.85 ng/ml



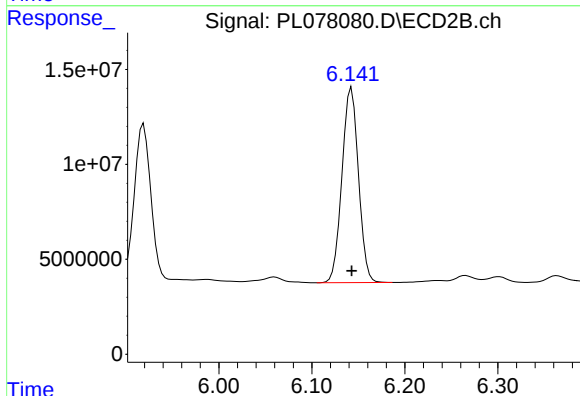
#19 Endosulfan Sulfate

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 81890590
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

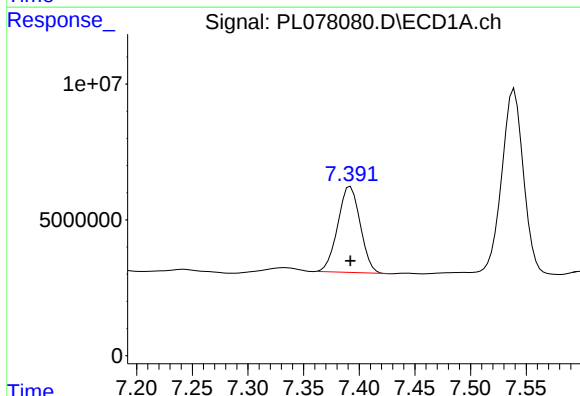
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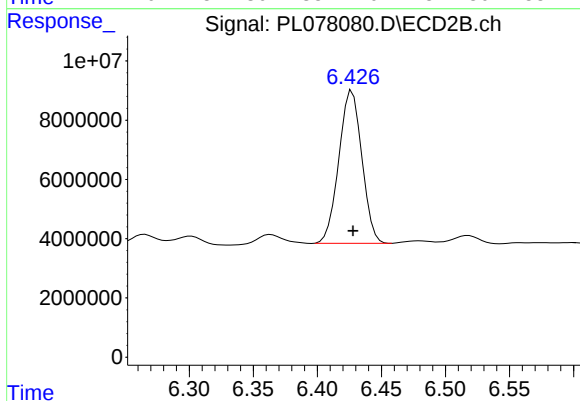
#19 Endosulfan Sulfate

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 126466034
Conc: 50.83 ng/ml



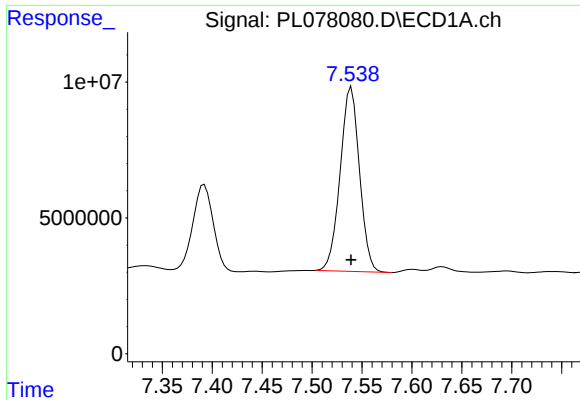
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 44214042
Conc: 53.56 ng/ml



#20 Methoxychlor

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 64375997
Conc: 49.90 ng/ml



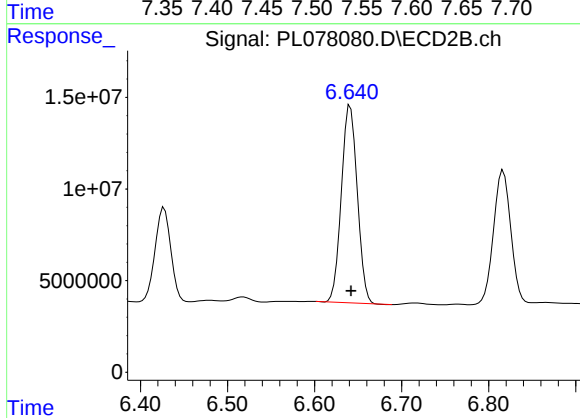
#21 Endrin ketone

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 91286565
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

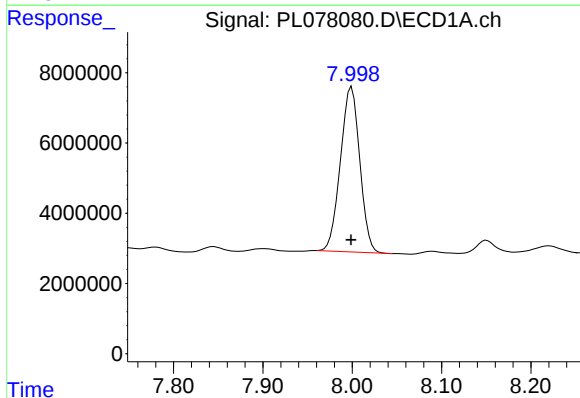
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2022
Supervised By :Ankita Jodhani 10/04/2022



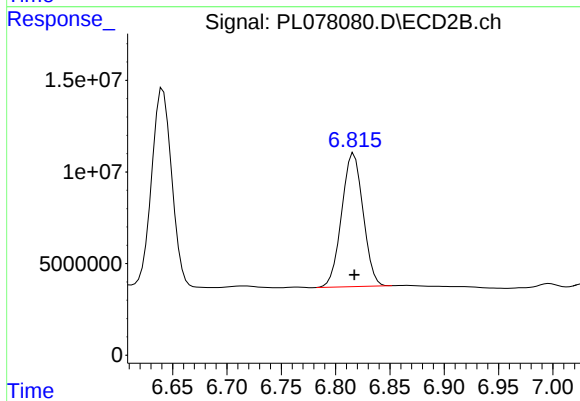
#21 Endrin ketone

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 136895203
Conc: 49.83 ng/ml



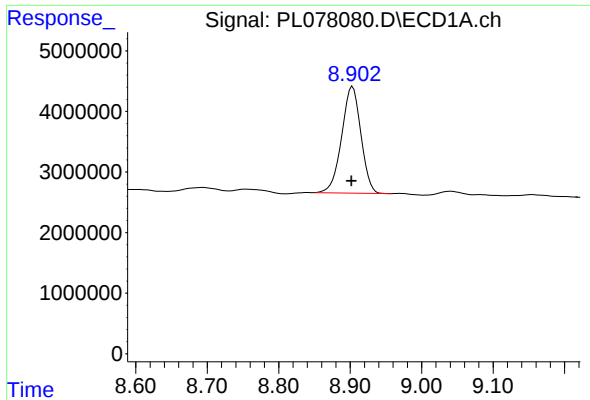
#22 Mirex

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 70482388
Conc: 55.31 ng/ml



#22 Mirex

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 99796460
Conc: 50.86 ng/ml



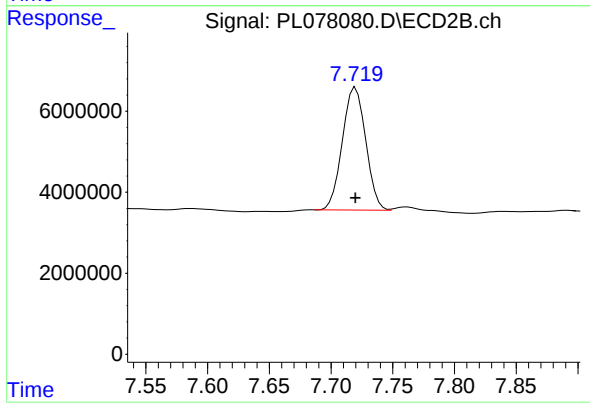
#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: 0.002 min
Response: 32957601
Conc: 20.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
S1MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/04/2022



#28 Decachlorobiphenyl

R.T.: 7.720 min
Delta R.T.: 0.000 min
Response: 39890369
Conc: 18.38 ng/ml