

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090122\
 Data File : PL077455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2022 18:09
 Operator : AR\AJ
 Sample : PB147409BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147409BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/02/2022
 Supervised By : Ankita Jodhani 09/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 02 01:16:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 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...	3.416	2.630	23355453	48784754	17.165	15.874
28)	SA Decachlor...	8.905	7.730	22072211	39994906	18.835	14.333
Target Compounds							
2)	A alpha-BHC	3.881	3.123	103.0E6	218.5E6	55.621	50.033
3)	MA gamma-BHC...	4.217	3.446	96453921	200.3E6	55.101	51.270
4)	MA Heptachlor	4.793	3.779	95614273	195.2E6	55.254	50.081
5)	MB Aldrin	5.133	4.053	85780755	184.4E6	54.652	49.828
6)	B beta-BHC	4.428	3.746	40943957	82202261	55.097	49.845
7)	B delta-BHC	4.673	3.969	86910980	197.6E6	56.248	49.636
8)	B Heptachlo...	5.566	4.552	78277946	167.7E6	58.161	50.526
9)	A Endosulfan I	5.952	4.918	69953274	156.2E6	53.122	50.614
10)	B gamma-Chl...	5.821	4.802	75568540	167.6E6	53.888	50.138
11)	B alpha-Chl...	5.898	4.864	74562345	163.9E6	53.005	50.077
12)	B 4,4'-DDE	6.077	5.058	69379221	163.8E6	53.445	50.724
13)	MA Dieldrin	6.230	5.181	70251851	164.7E6	52.591	50.160
14)	MA Endrin	6.461	5.453	60964715	143.8E6	51.676	52.589
15)	B Endosulfa...	6.689	5.749	57436567	129.6E6	52.424	47.789
16)	A 4,4'-DDD	6.602	5.611	53961369	132.6E6	52.828	49.609
17)	MA 4,4'-DDT	6.912	5.859	57586710	127.5E6	51.553	48.418
18)	B Endrin al...	6.820	5.929	46767355	98228861	51.232	46.945
19)	B Endosulfa...	7.053	6.151	57531983	123.8E6	52.042	46.156
20)	A Methoxychlor	7.394	6.437	30805413	64462399	51.151	45.694
21)	B Endrin ke...	7.541	6.649	62628822	139.8E6	51.338	48.533m
22)	Mirex	8.001	6.826	47543695	98427522	51.676	45.955m

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

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 Data File : PL077455.D
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 Acq On : 01 Sep 2022 18:09
 Operator : AR\AJ
 Sample : PB147409BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

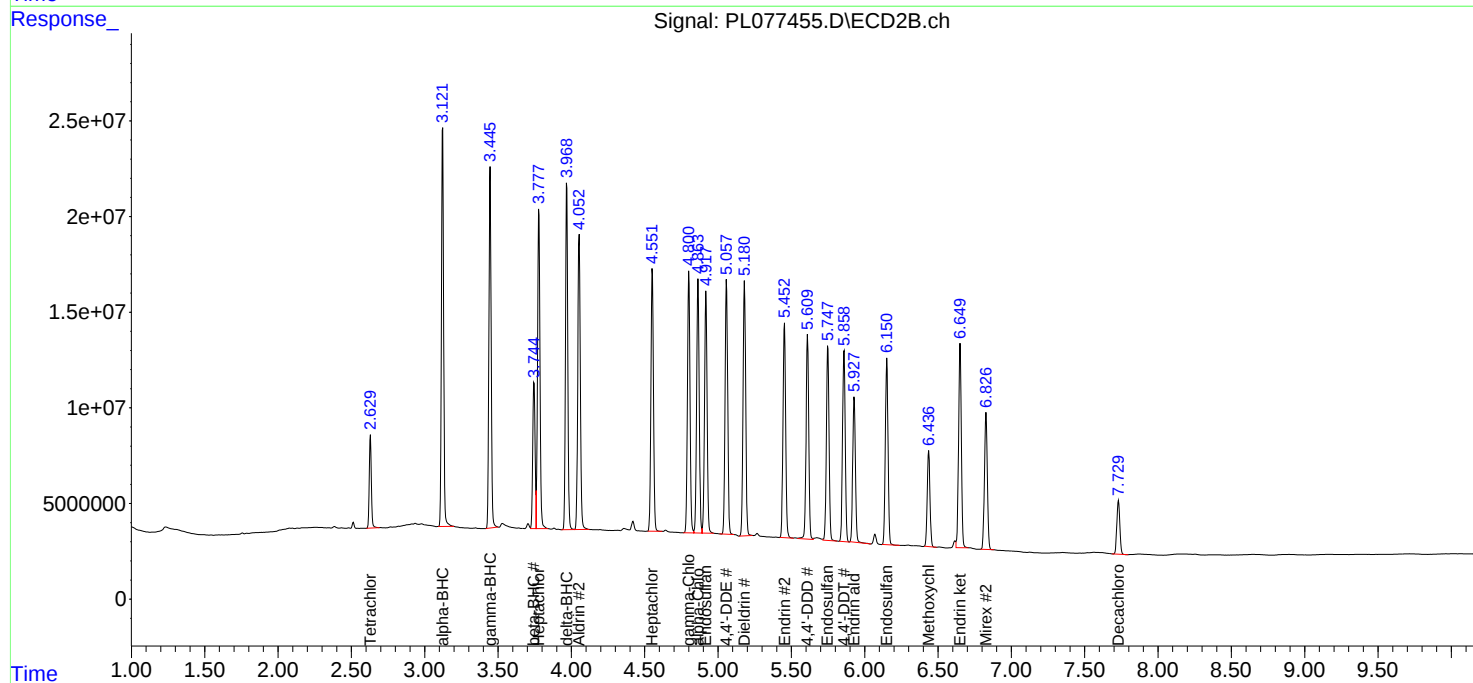
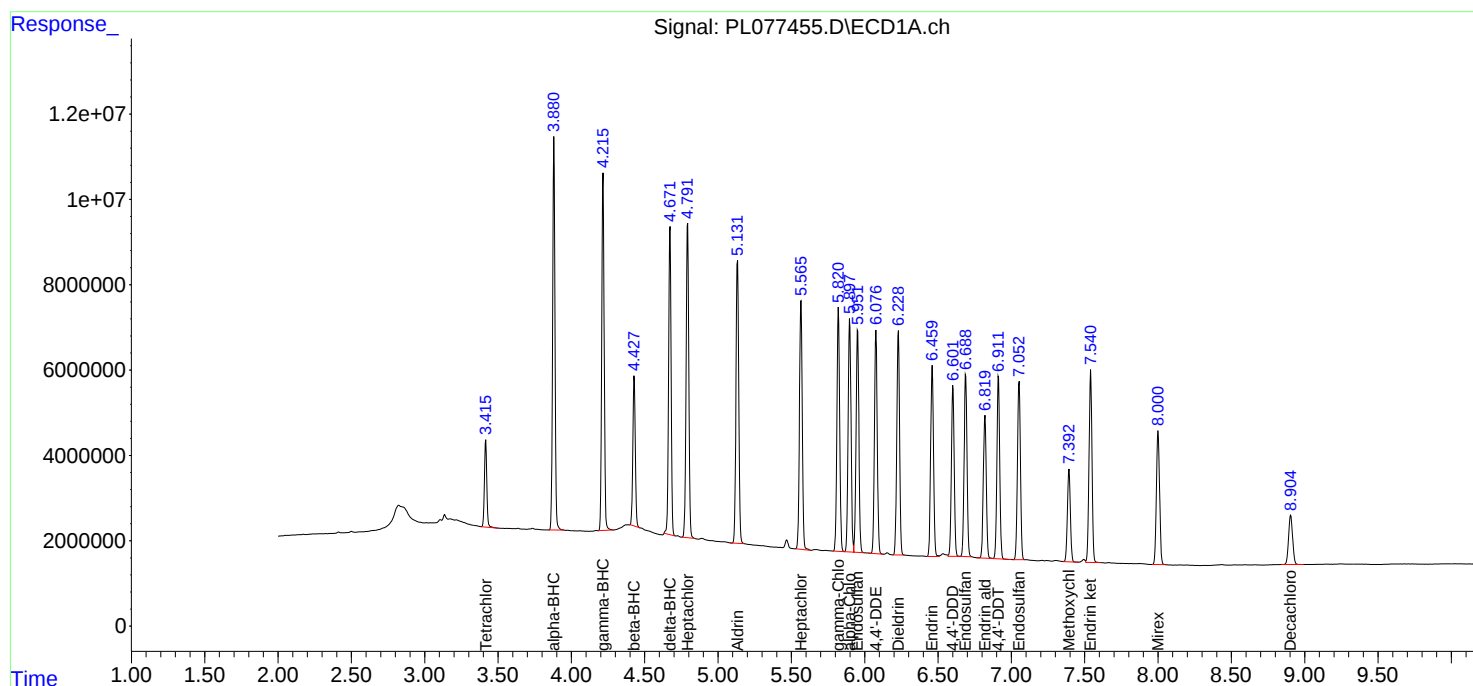
Instrument :
 ECD_L
 ClientSampleId :
 PB147409BSD

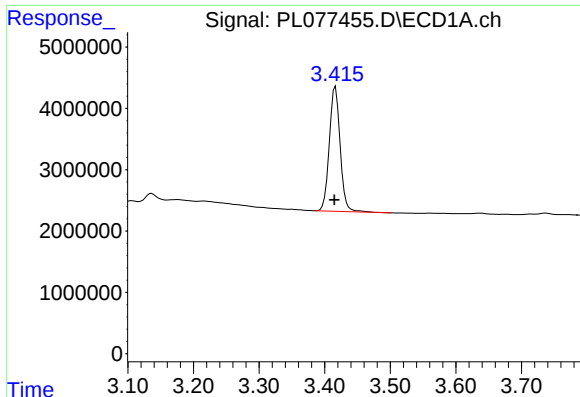
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 02 01:16:04 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





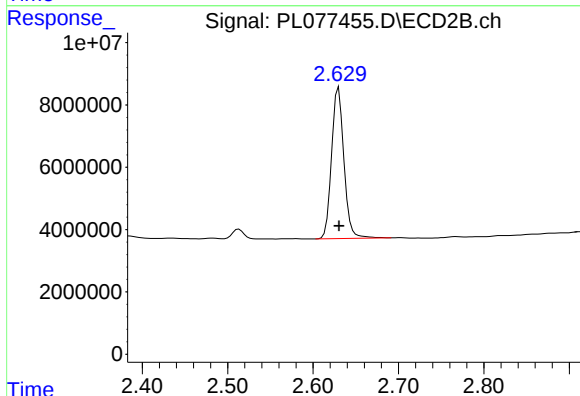
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: 0.001 min
Response: 23355453
Conc: 17.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

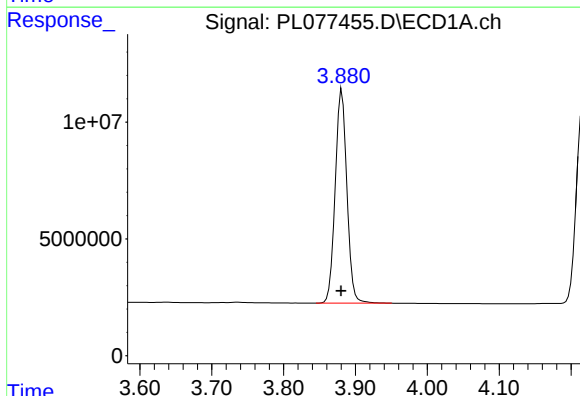
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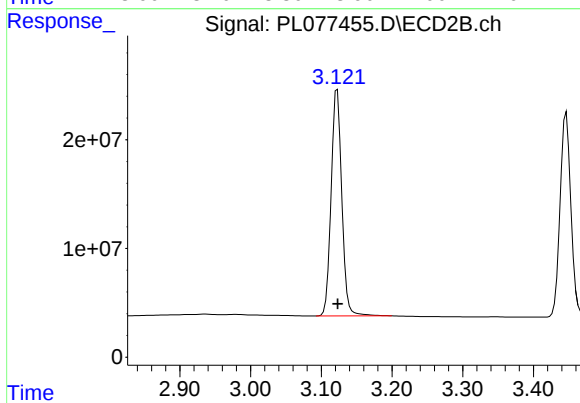
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: 0.000 min
Response: 48784754
Conc: 15.87 ng/ml



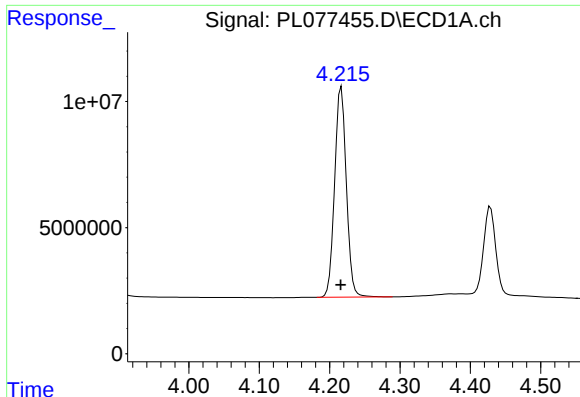
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 103039955
Conc: 55.62 ng/ml



#2 alpha-BHC

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 218470046
Conc: 50.03 ng/ml



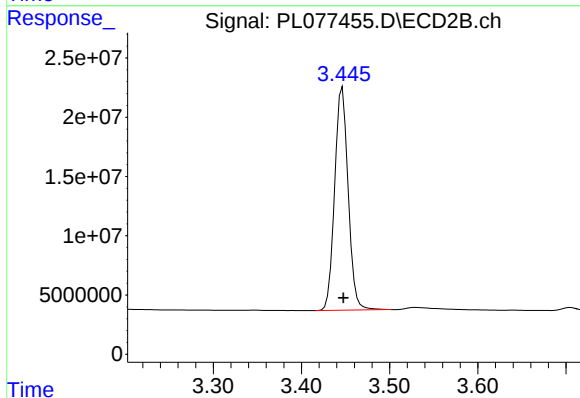
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 96453921
Conc: 55.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

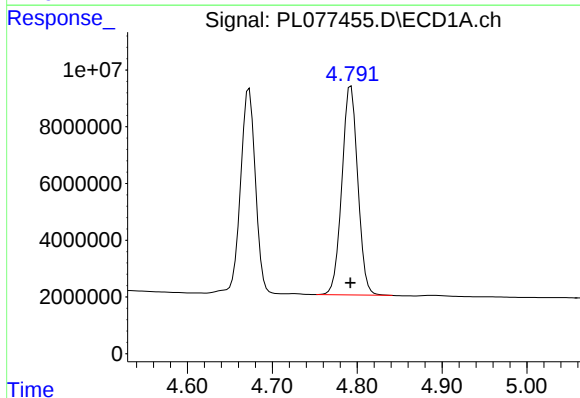
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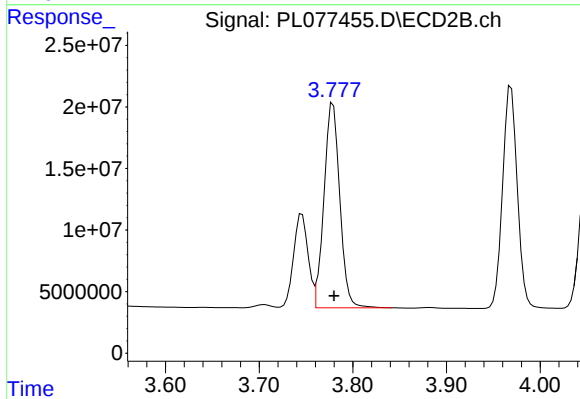
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: -0.001 min
Response: 200288923
Conc: 51.27 ng/ml



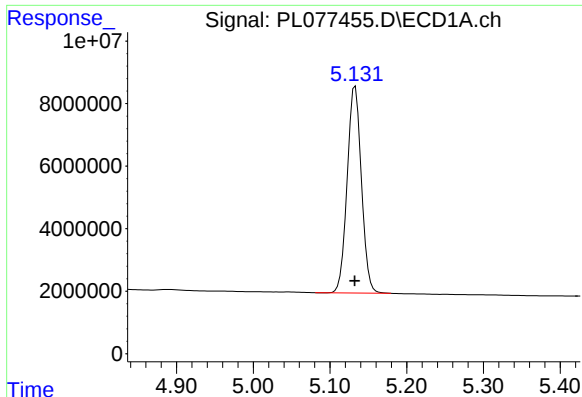
#4 Heptachlor

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 95614273
Conc: 55.25 ng/ml



#4 Heptachlor

R.T.: 3.779 min
Delta R.T.: -0.001 min
Response: 195237040
Conc: 50.08 ng/ml



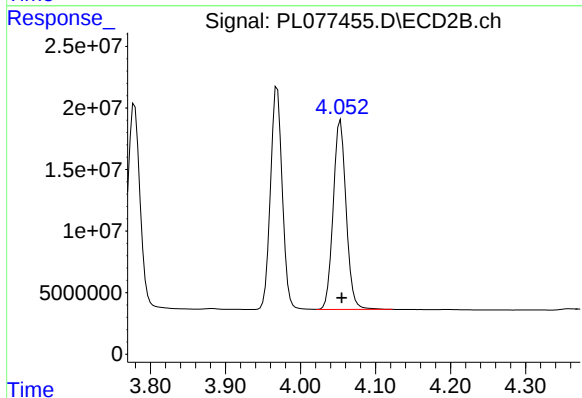
#5 Aldrin

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 85780755
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

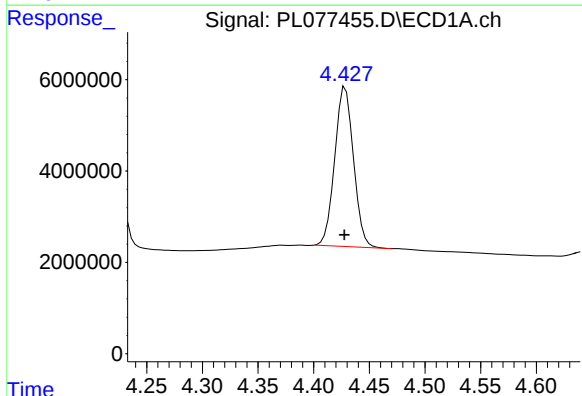
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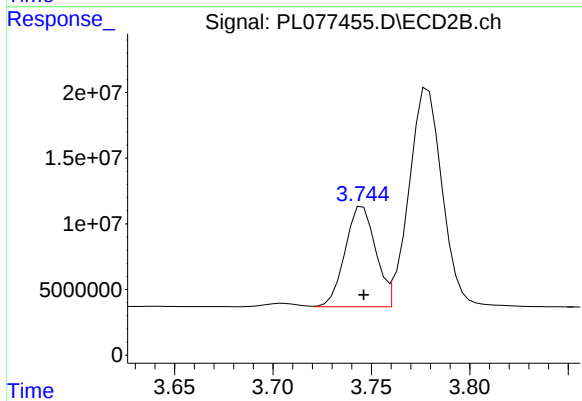
#5 Aldrin

R.T.: 4.053 min
Delta R.T.: -0.002 min
Response: 184418359
Conc: 49.83 ng/ml



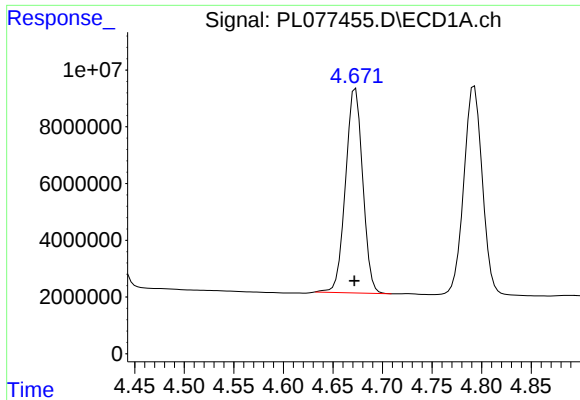
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.001 min
Response: 40943957
Conc: 55.10 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 82202261
Conc: 49.84 ng/ml



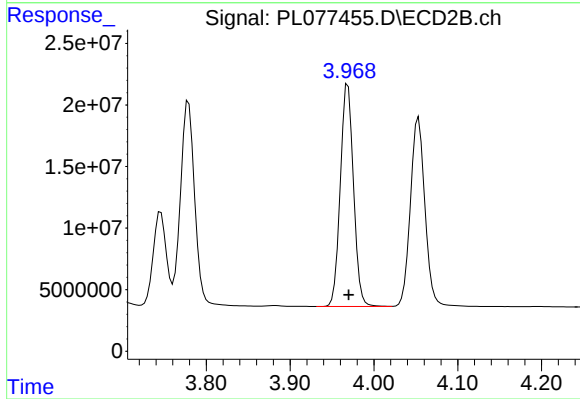
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.001 min
Response: 86910980
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

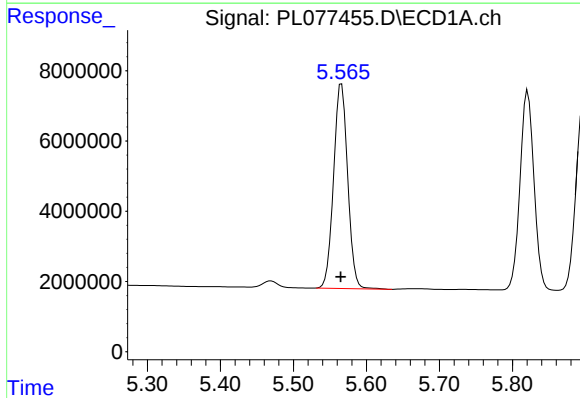
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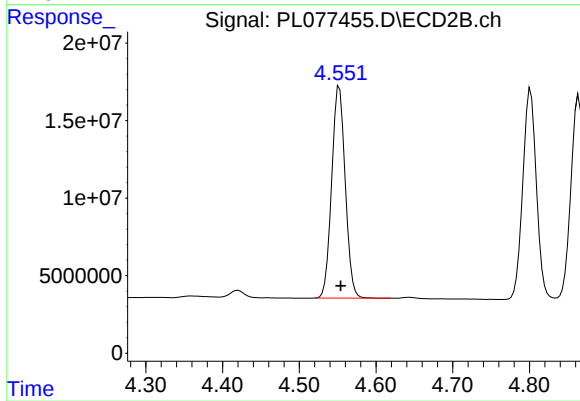
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 197638677
Conc: 49.64 ng/ml



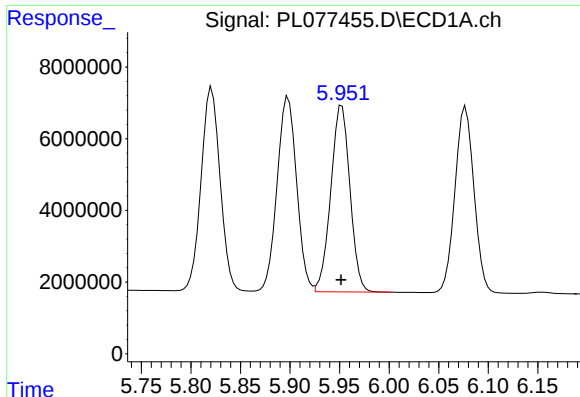
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: 0.001 min
Response: 78277946
Conc: 58.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 167686941
Conc: 50.53 ng/ml



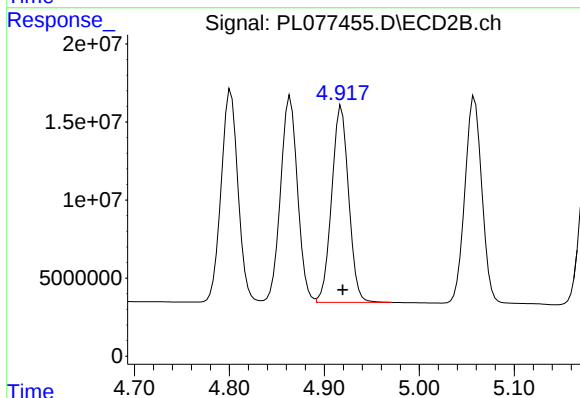
#9 Endosulfan I

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 69953274
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

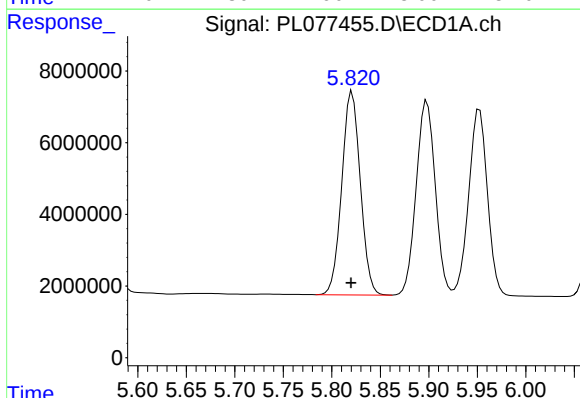
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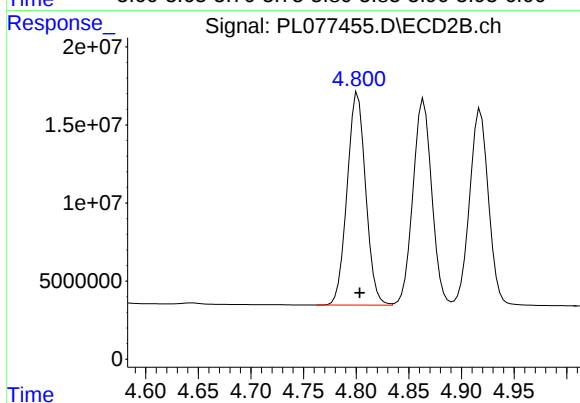
#9 Endosulfan I

R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 156229944
Conc: 50.61 ng/ml



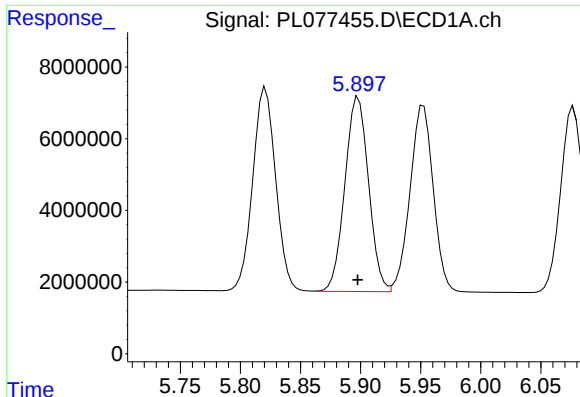
#10 gamma-Chlordane

R.T.: 5.821 min
Delta R.T.: 0.001 min
Response: 75568540
Conc: 53.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 167626243
Conc: 50.14 ng/ml



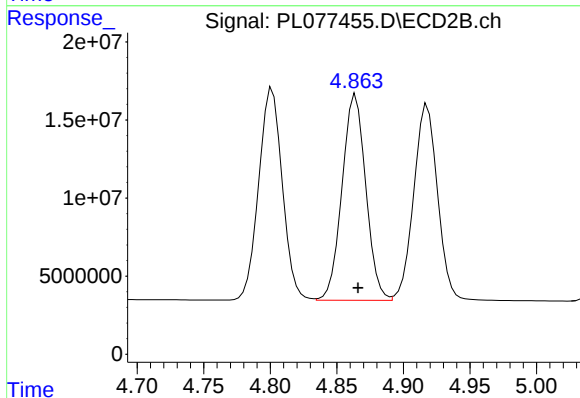
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 74562345
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

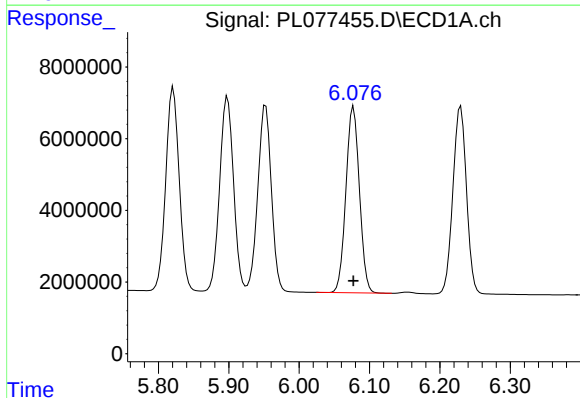
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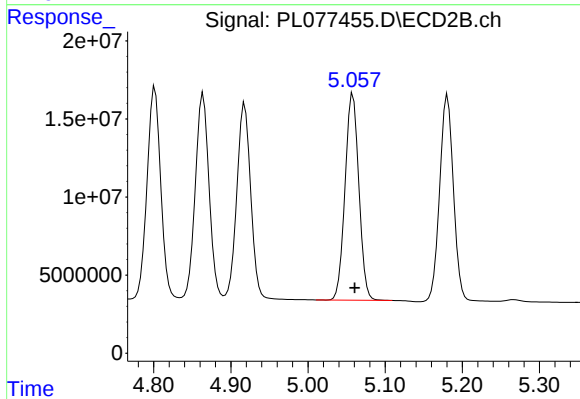
#11 alpha-Chlordane

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 163933310
Conc: 50.08 ng/ml



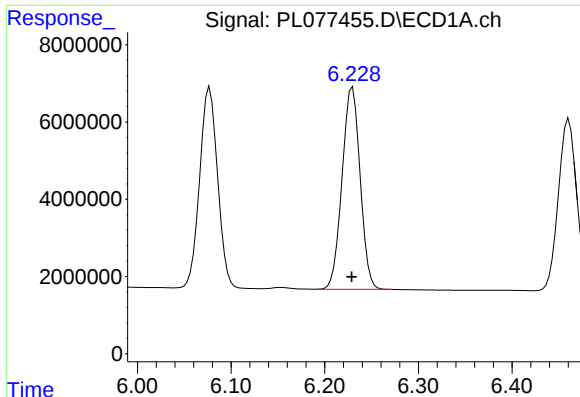
#12 4,4'-DDE

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 69379221
Conc: 53.45 ng/ml



#12 4,4'-DDE

R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 163836516
Conc: 50.72 ng/ml



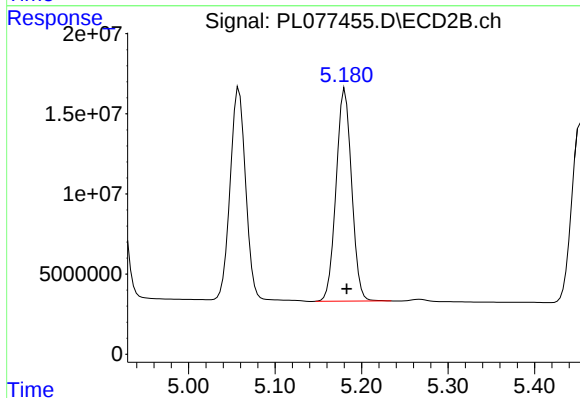
#13 Dieldrin

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 70251851
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

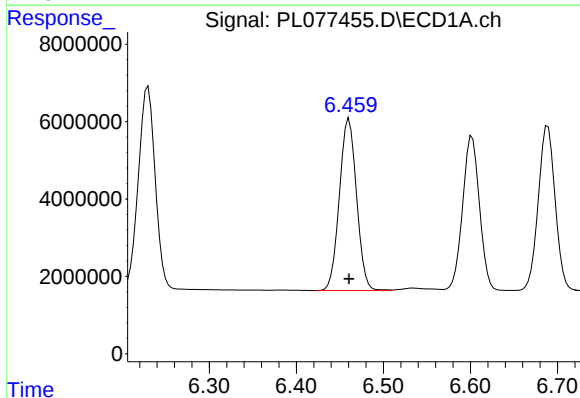
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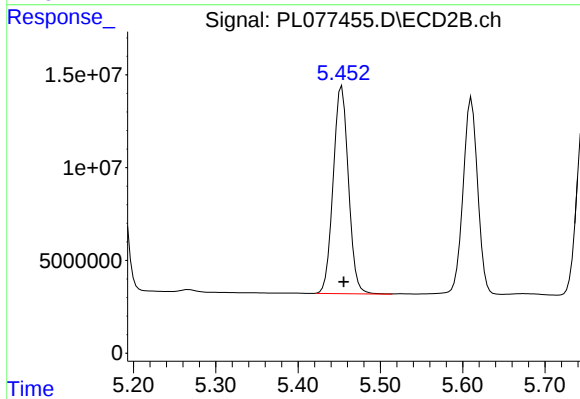
#13 Dieldrin

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 164715667
Conc: 50.16 ng/ml



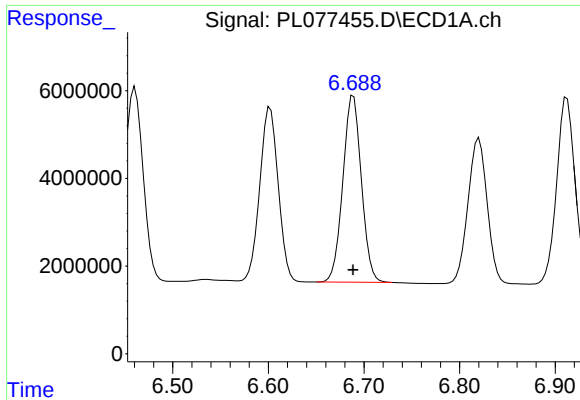
#14 Endrin

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 60964715
Conc: 51.68 ng/ml



#14 Endrin

R.T.: 5.453 min
Delta R.T.: -0.002 min
Response: 143772845
Conc: 52.59 ng/ml



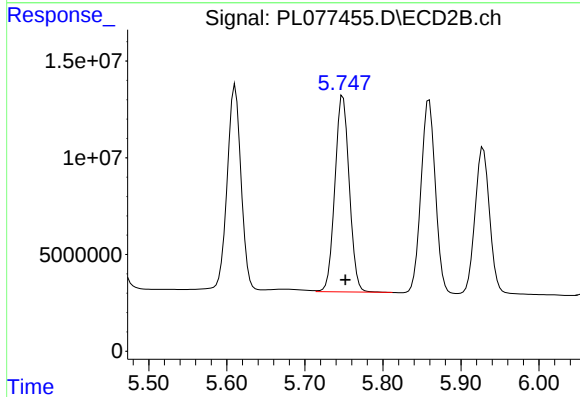
#15 Endosulfan II

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 57436567
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

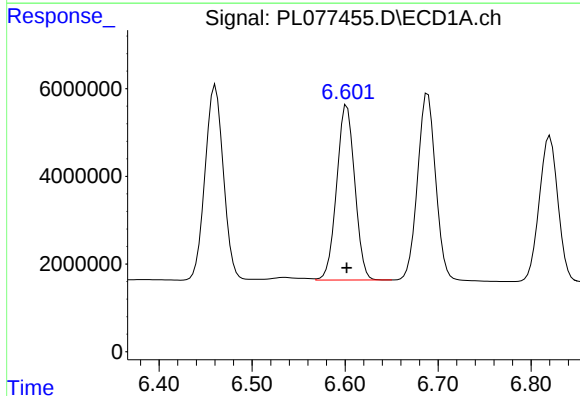
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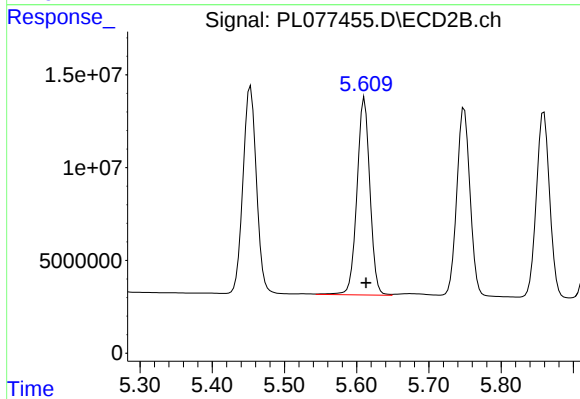
#15 Endosulfan II

R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 129606229
Conc: 47.79 ng/ml



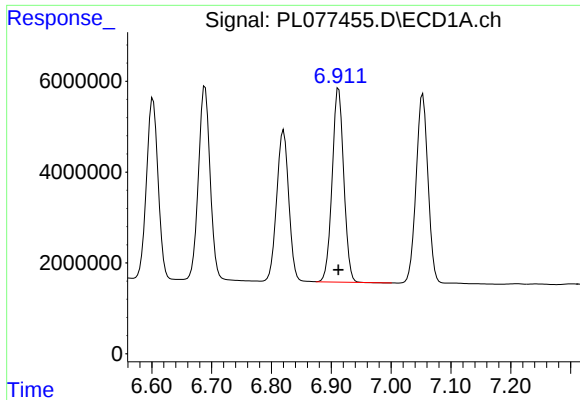
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 53961369
Conc: 52.83 ng/ml



#16 4,4'-DDD

R.T.: 5.611 min
Delta R.T.: -0.002 min
Response: 132645394
Conc: 49.61 ng/ml



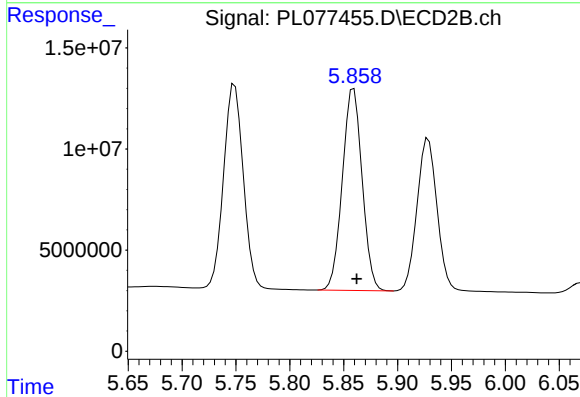
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 57586710
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

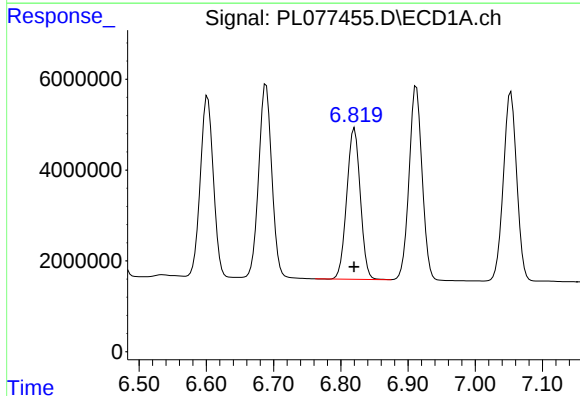
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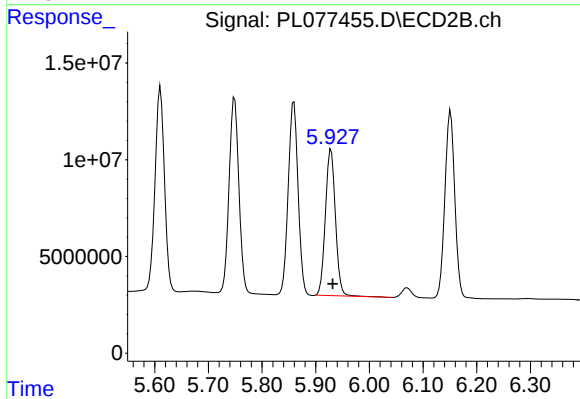
#17 4,4'-DDT

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 127541910
Conc: 48.42 ng/ml



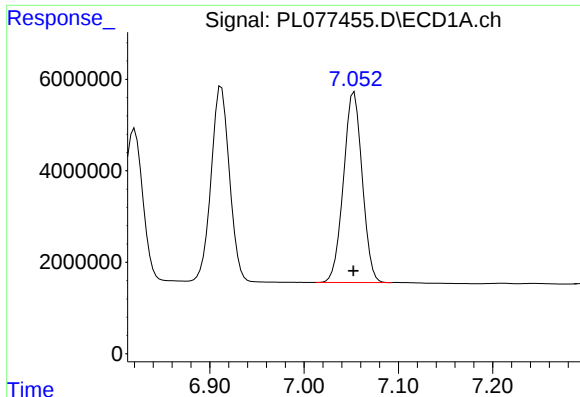
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 46767355
Conc: 51.23 ng/ml



#18 Endrin aldehyde

R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 98228861
Conc: 46.94 ng/ml



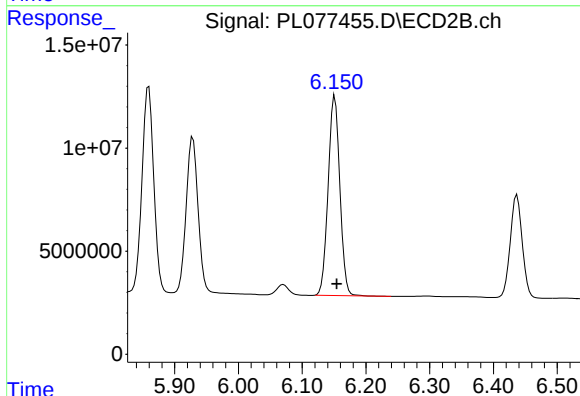
#19 Endosulfan Sulfate

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 57531983
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

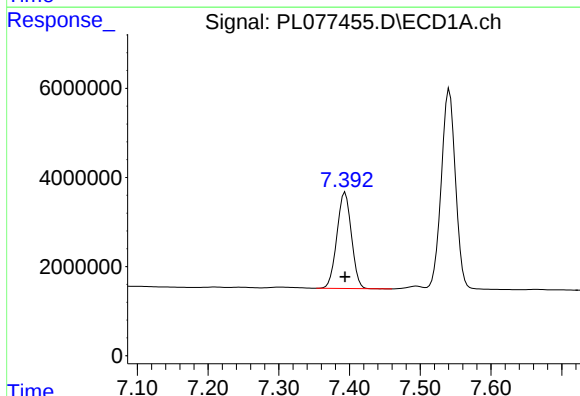
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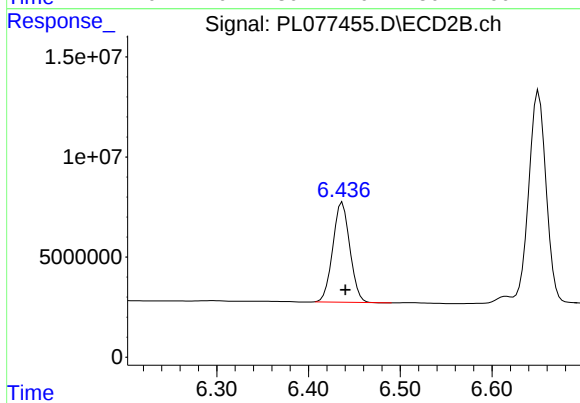
#19 Endosulfan Sulfate

R.T.: 6.151 min
Delta R.T.: -0.003 min
Response: 123811739
Conc: 46.16 ng/ml



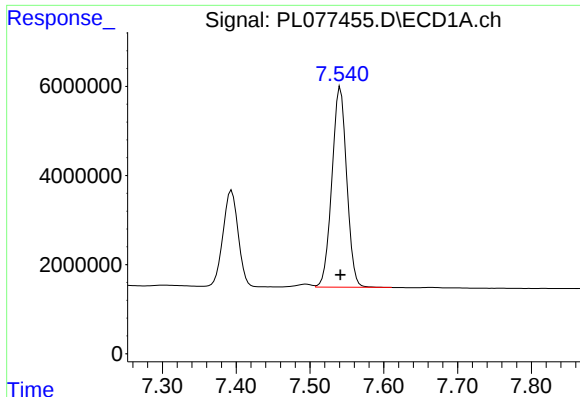
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 30805413
Conc: 51.15 ng/ml



#20 Methoxychlor

R.T.: 6.437 min
Delta R.T.: -0.003 min
Response: 64462399
Conc: 45.69 ng/ml



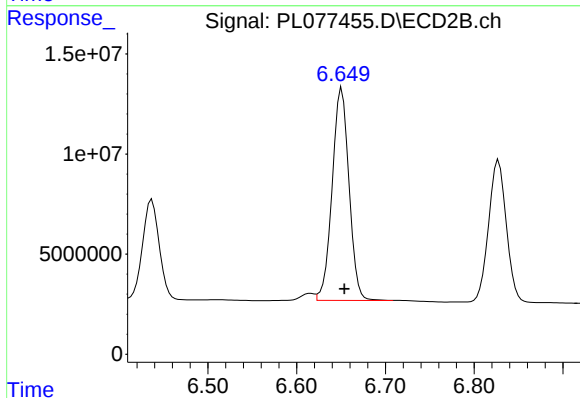
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 62628822
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

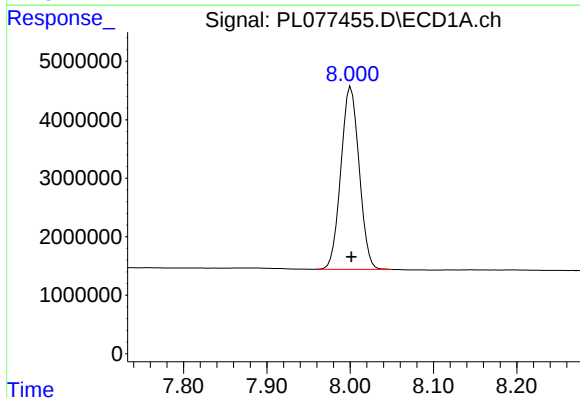
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/02/2022
Supervised By :Ankita Jodhani 09/02/2022



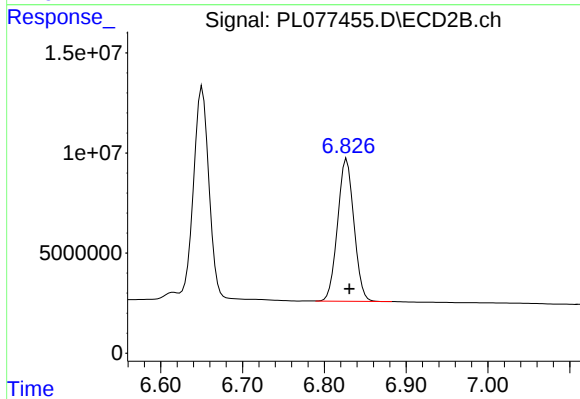
#21 Endrin ketone

R.T.: 6.649 min
Delta R.T.: -0.004 min
Response: 139815583
Conc: 48.53 ng/ml m



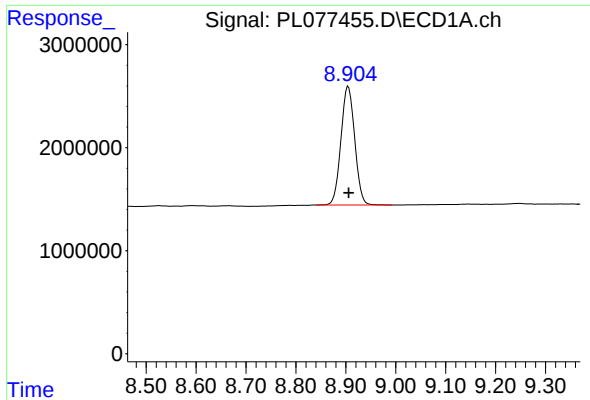
#22 Mirex

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 47543695
Conc: 51.68 ng/ml



#22 Mirex

R.T.: 6.826 min
Delta R.T.: -0.004 min
Response: 98427522
Conc: 45.95 ng/ml m



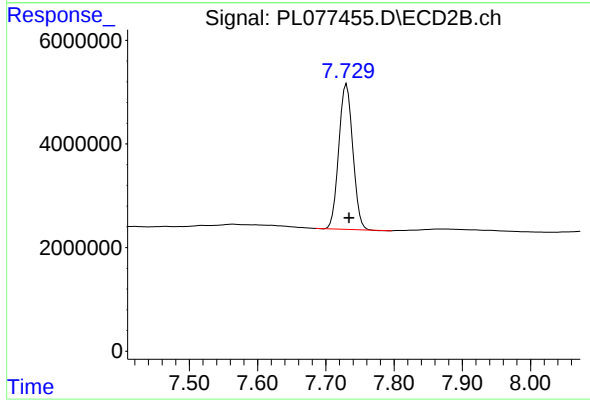
#28 Decachlorobiphenyl

R.T.: 8.905 min
Delta R.T.: 0.000 min
Response: 22072211
Conc: 18.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BSD

Manual Integrations
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Supervised By :Ankita Jodhani 09/02/2022



#28 Decachlorobiphenyl

R.T.: 7.730 min
Delta R.T.: -0.004 min
Response: 39994906
Conc: 14.33 ng/ml