

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072922\
 Data File : PL076750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2022 17:52
 Operator : AR\AJ
 Sample : N3942-02MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11977MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/29/2022
 Supervised By :Ankita Jodhani 07/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 09:08:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:22:48 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...	3.421	2.641	16286116	45174148	15.781	15.229
2)	SA Decachlor...	8.916	7.744	16113646	42388030	18.271	16.514m
Target Compounds							
2)	A alpha-BHC	3.885	3.135	76236847	180.4E6	52.863	43.206
3)	MA gamma-BHC...	4.220	3.460	72323573	172.9E6	53.565	45.362
4)	MA Heptachlor	4.797	3.793	62729940	180.0E6	46.743	47.676
5)	MB Aldrin	5.138	4.069	57412481	160.3E6	47.799	45.579
6)	B beta-BHC	4.432	3.758	30773962	79684794	51.570	46.994
7)	B delta-BHC	4.676	3.982	49643963	178.3E6	44.787	46.760
8)	B Heptachlo...	5.570	4.568	52938648	142.1E6	47.476	44.794
9)	A Endosulfan I	5.957	4.935	47902407	100.4E6	46.369	34.695 #
10)	B gamma-Chl...	5.825	4.817	58502624	145.8E6	52.764	45.568
11)	B alpha-Chl...	5.903	4.880	56030558	139.1E6	50.645	44.563
12)	B 4,4'-DDE	6.080	5.074	42710793	142.1E6	43.514m	47.823
13)	MA Dieldrin	6.234	5.197	47683277	152.5E6	45.306	49.145
14)	MA Endrin	6.465	5.469	41229941	122.1E6	42.922	48.653
15)	B Endosulfa...	6.692	5.764	41328349	110.7E6	46.047	46.145
16)	A 4,4'-DDD	6.605	5.626	41633550	111.2E6	49.941	46.935
17)	MA 4,4'-DDT	6.917	5.875	47169262	116.0E6	51.906	48.274
18)	B Endrin al...	6.824	5.944	31890051	77656666	43.743	41.218
19)	B Endosulfa...	7.056	6.167	41610017	109.8E6	46.270	44.658
20)	A Methoxychlor	7.397	6.453	24214036	64195297	47.852	49.083
21)	B Endrin ke...	7.545	6.666	44025526	113.4E6	43.052	41.800
22)	Mirex	8.005	6.844	36036860	76536672	46.589	38.165

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072922\
Data File : PL076750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2022 17:52
Operator : AR\AJ
Sample : N3942-02MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

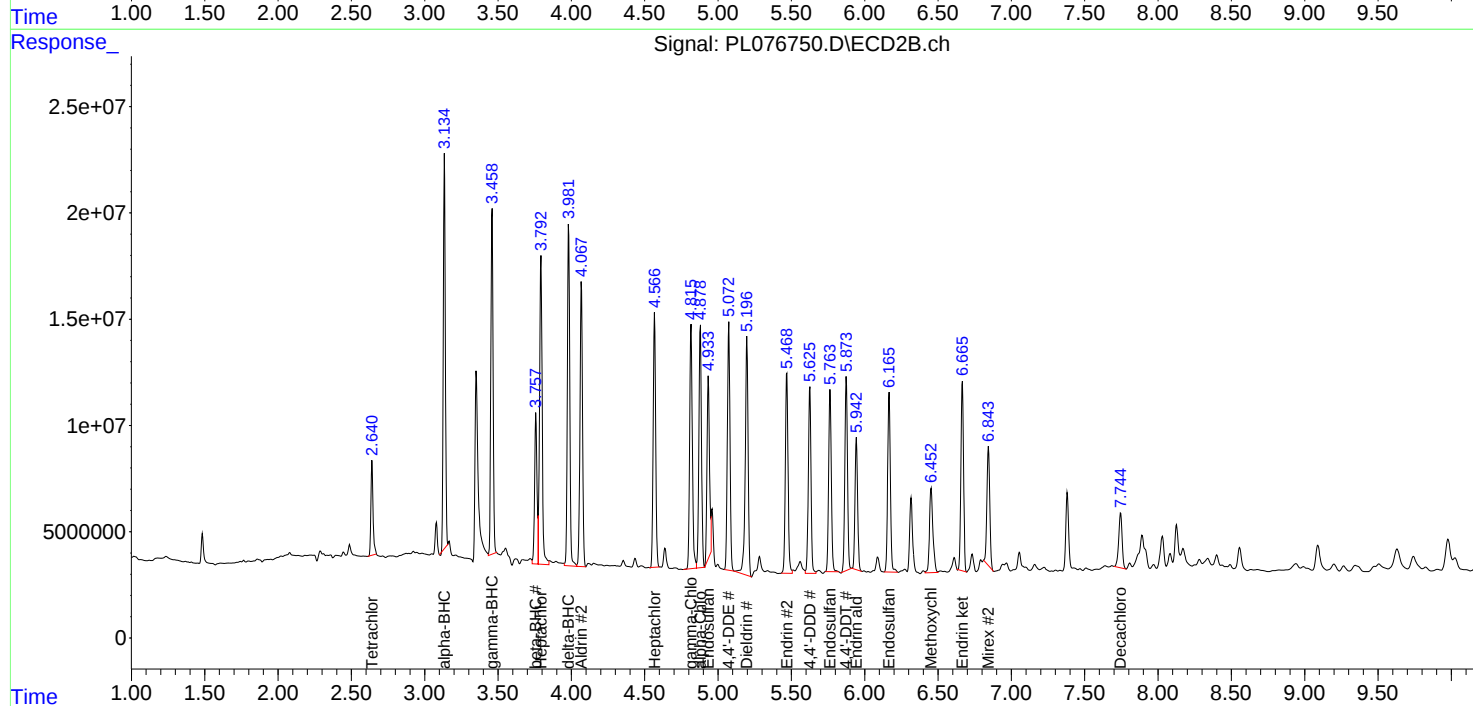
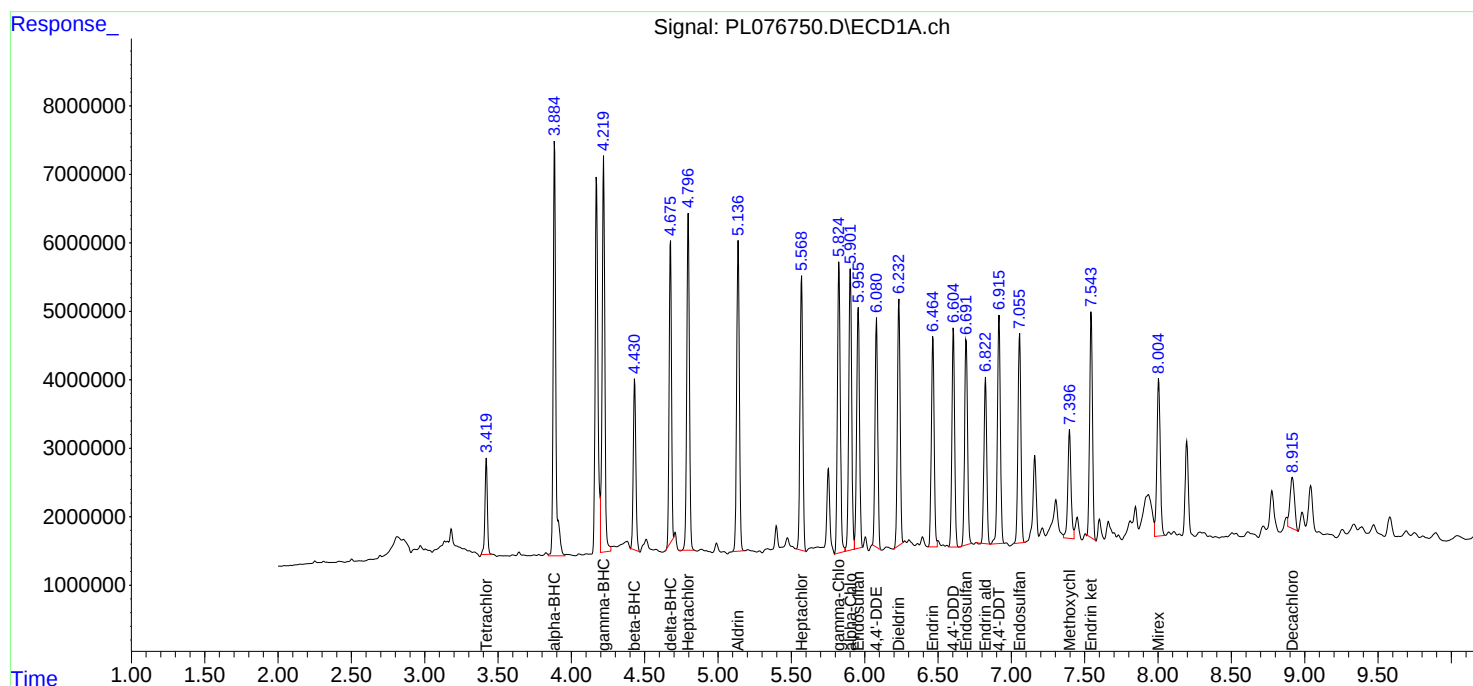
Instrument :
ECD_L
ClientSampleId :
72-11977MSD

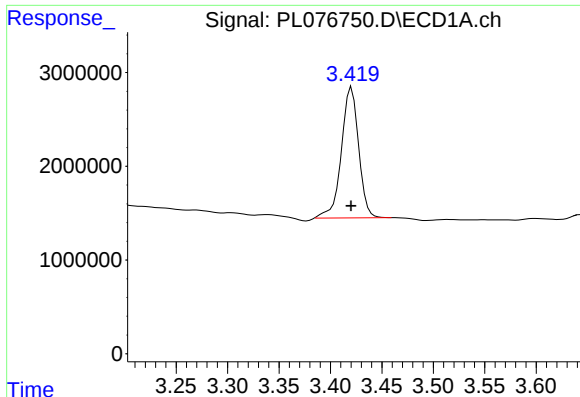
Manual Integrations
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Supervised By :Ankita Jodhani 07/29/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 09:08:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 05:22:48 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





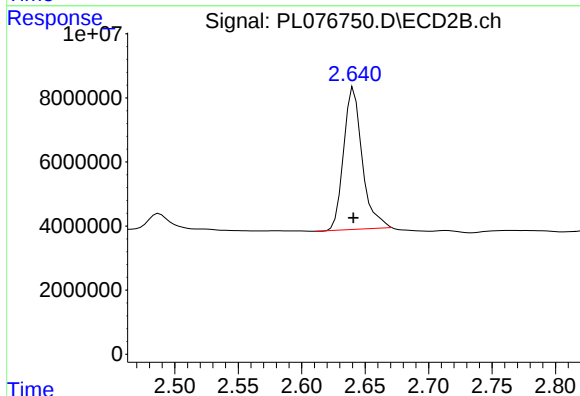
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 16286116
Conc: 15.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

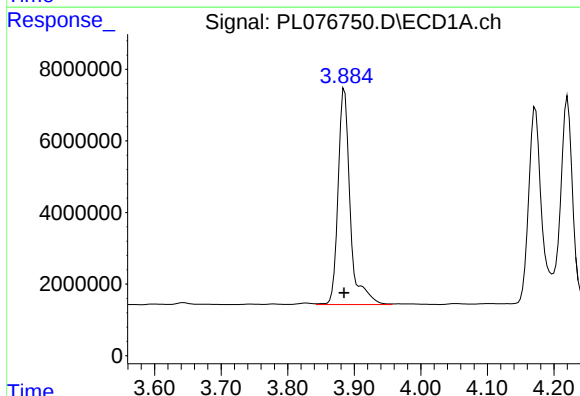
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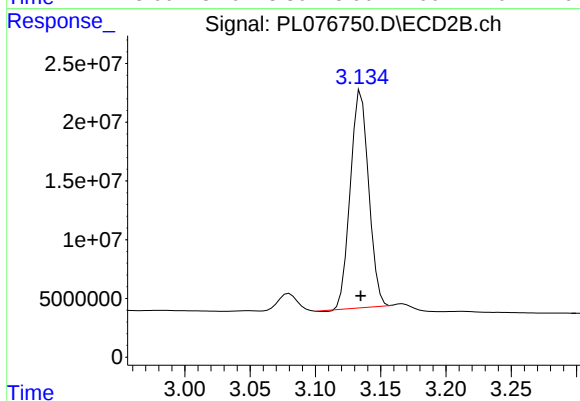
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: 0.000 min
Response: 45174148
Conc: 15.23 ng/ml



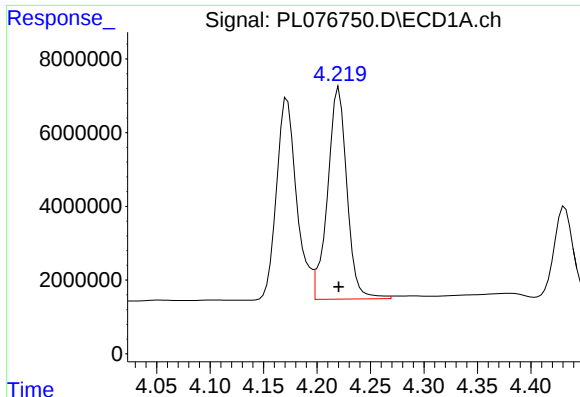
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 76236847
Conc: 52.86 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 180392039
Conc: 43.21 ng/ml



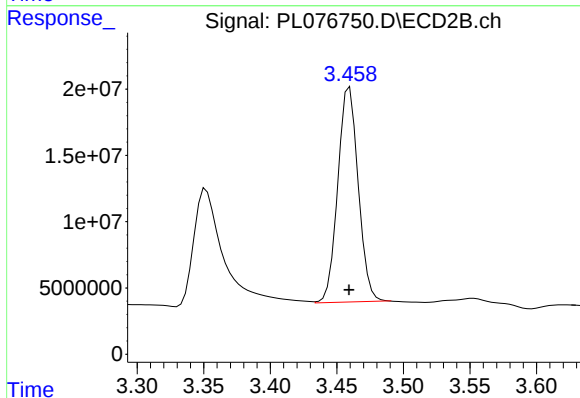
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 72323573
Conc: 53.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

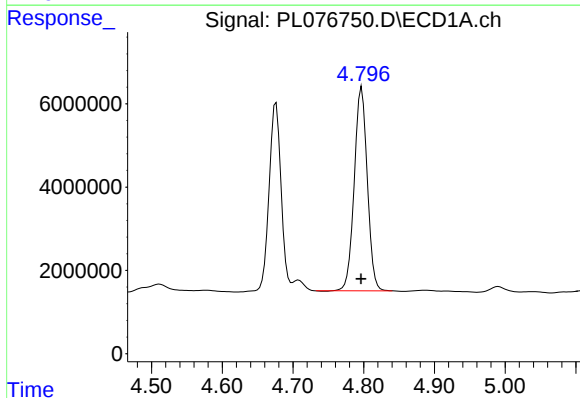
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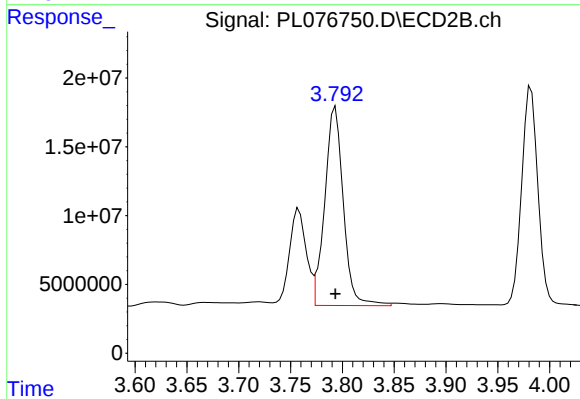
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 172892345
Conc: 45.36 ng/ml



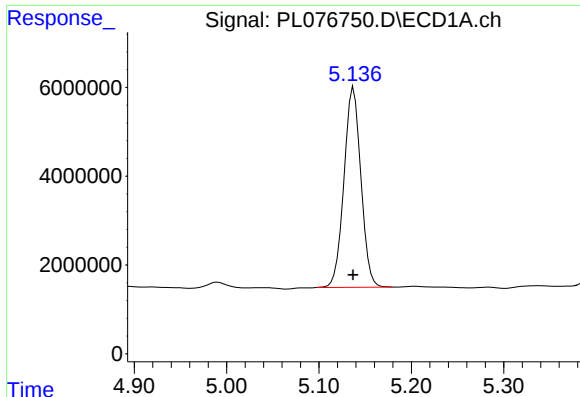
#4 Heptachlor

R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 62729940
Conc: 46.74 ng/ml



#4 Heptachlor

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 180017440
Conc: 47.68 ng/ml



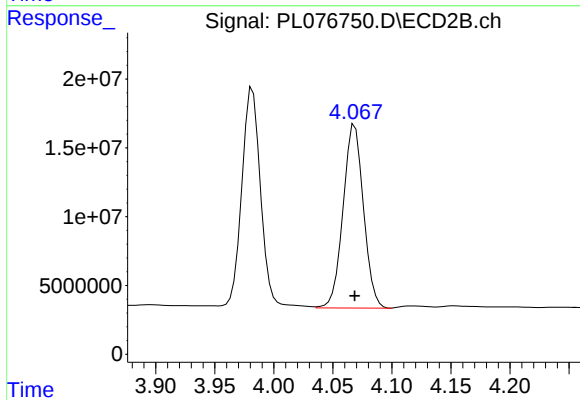
#5 Aldrin

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 57412481
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

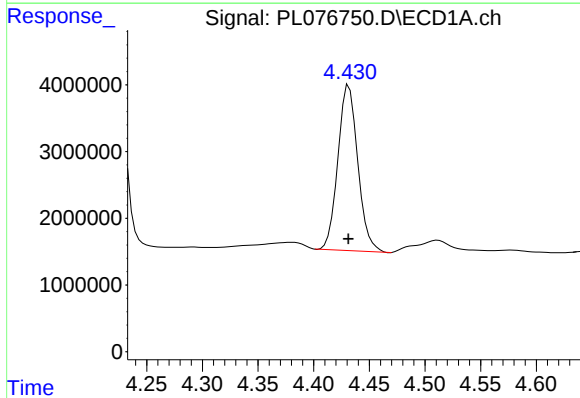
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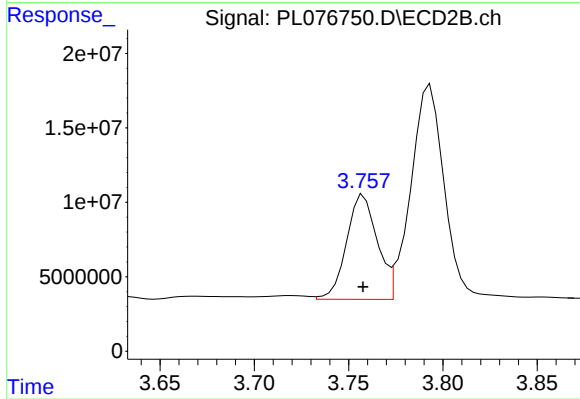
#5 Aldrin

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 160341022
Conc: 45.58 ng/ml



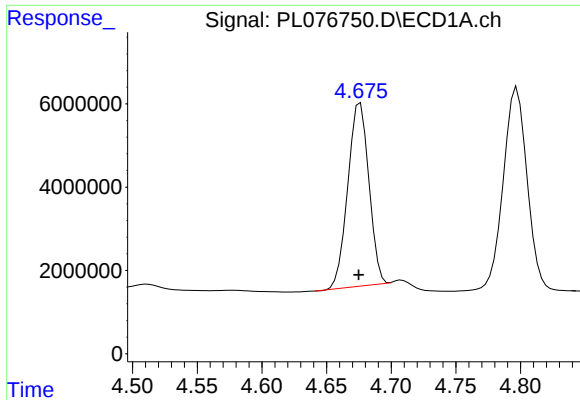
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 30773962
Conc: 51.57 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: 0.000 min
Response: 79684794
Conc: 46.99 ng/ml



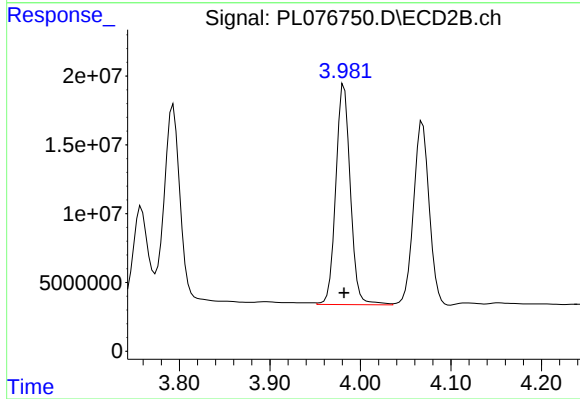
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.001 min
Response: 49643963
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

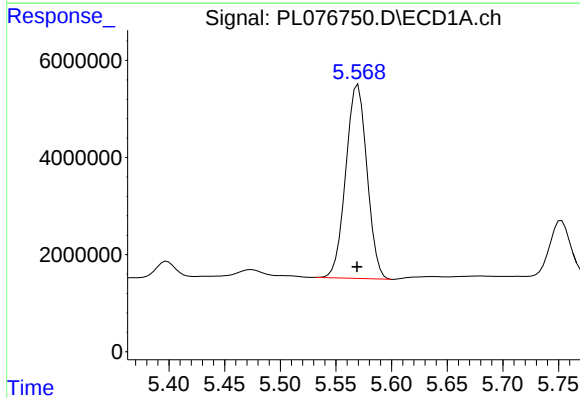
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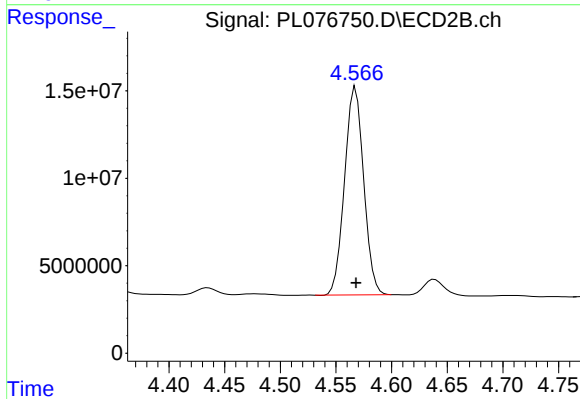
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 178313094
Conc: 46.76 ng/ml



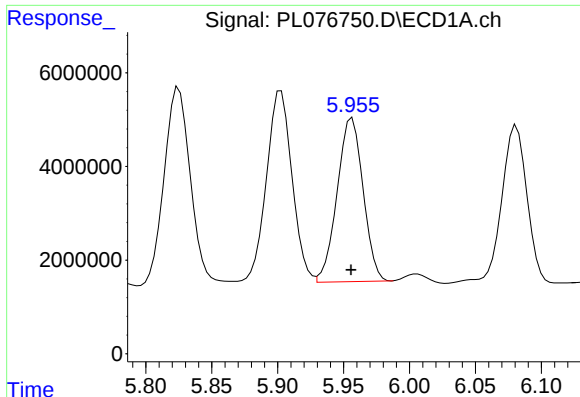
#8 Heptachlor epoxide

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 52938648
Conc: 47.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 142075181
Conc: 44.79 ng/ml



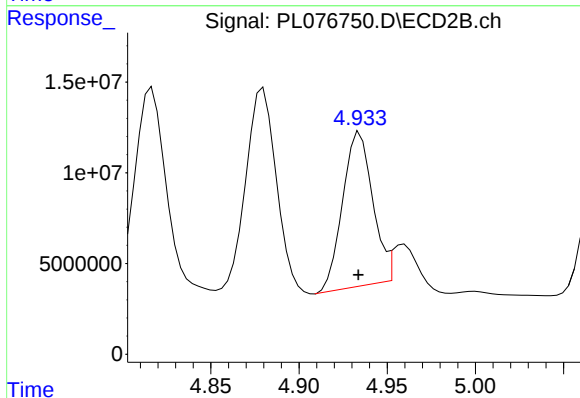
#9 Endosulfan I

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 47902407
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

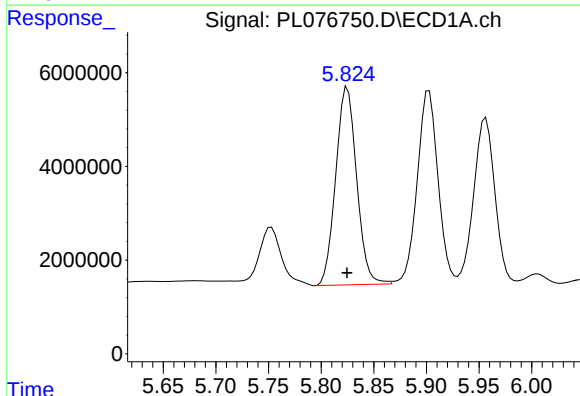
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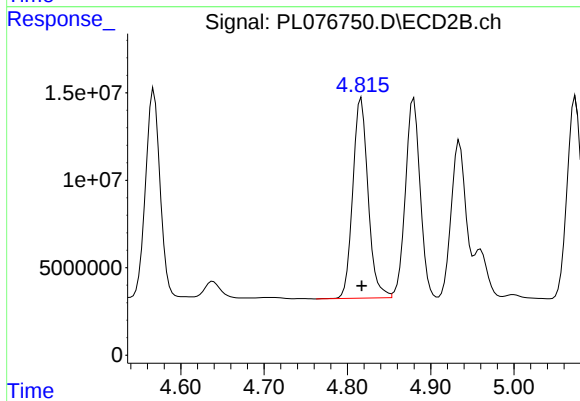
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 100396873
Conc: 34.69 ng/ml



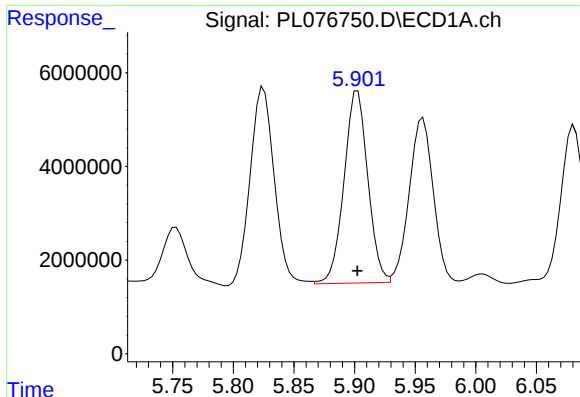
#10 gamma-Chlordane

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 58502624
Conc: 52.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: 0.000 min
Response: 145837465
Conc: 45.57 ng/ml



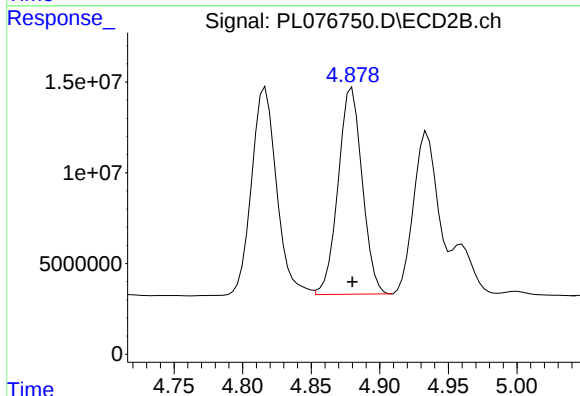
#11 alpha-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 56030558
Conc: 50.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

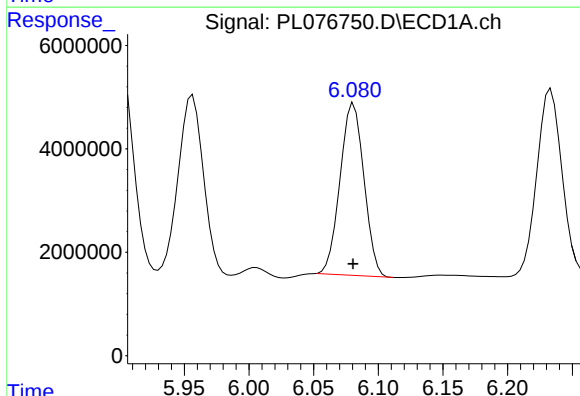
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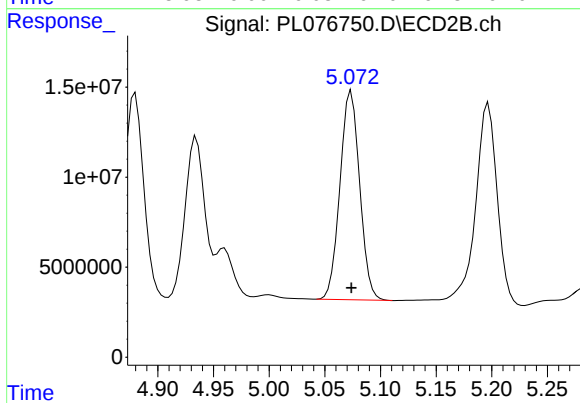
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 139075126
Conc: 44.56 ng/ml



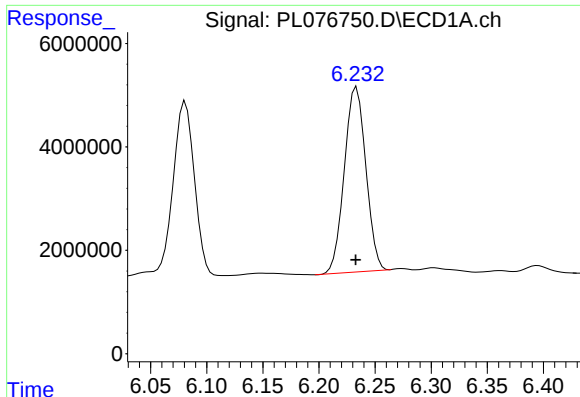
#12 4,4'-DDE

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 42710793
Conc: 43.51 ng/ml m



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 142132793
Conc: 47.82 ng/ml



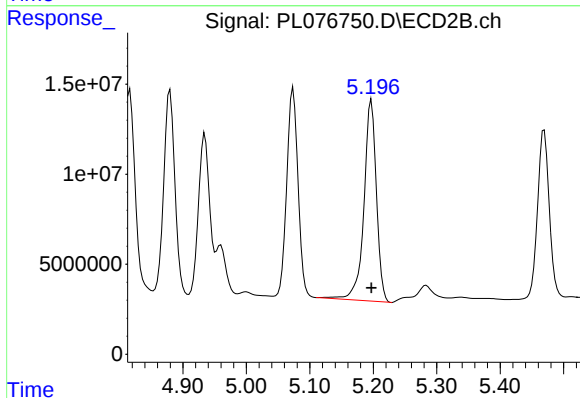
#13 Dieldrin

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 47683277
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

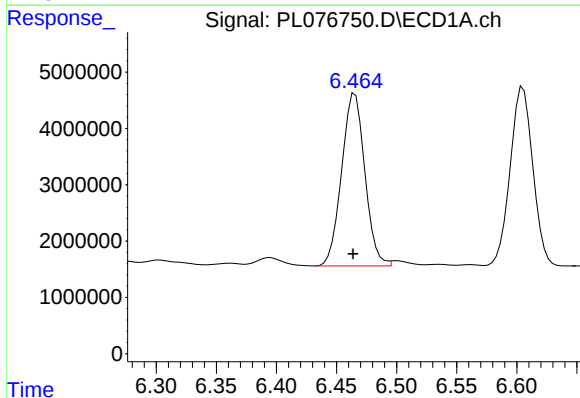
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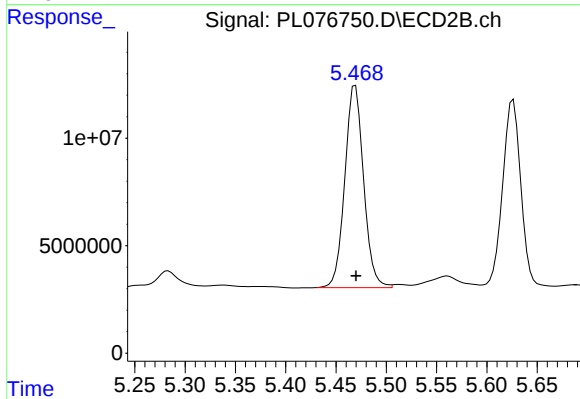
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 152497358
Conc: 49.14 ng/ml



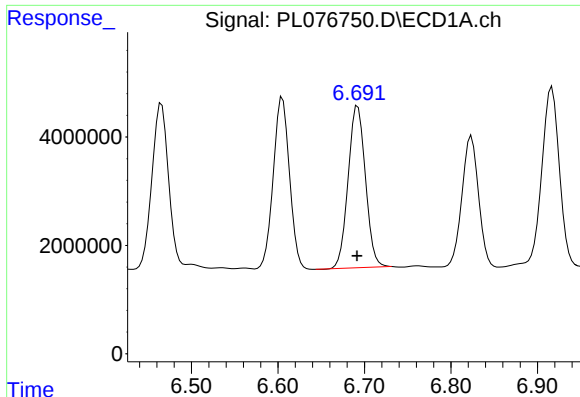
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.002 min
Response: 41229941
Conc: 42.92 ng/ml



#14 Endrin

R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 122141697
Conc: 48.65 ng/ml



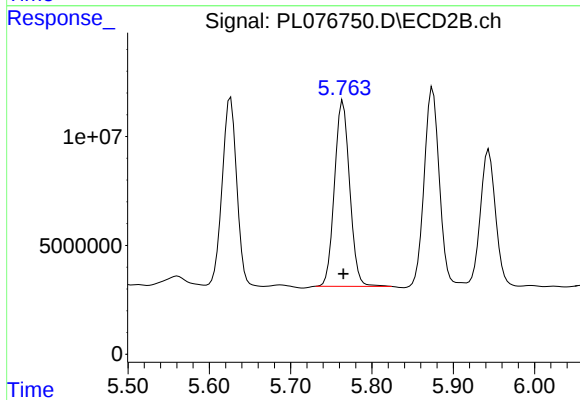
#15 Endosulfan II

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 41328349
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

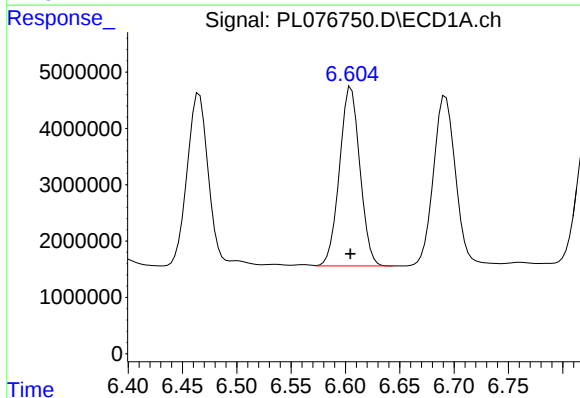
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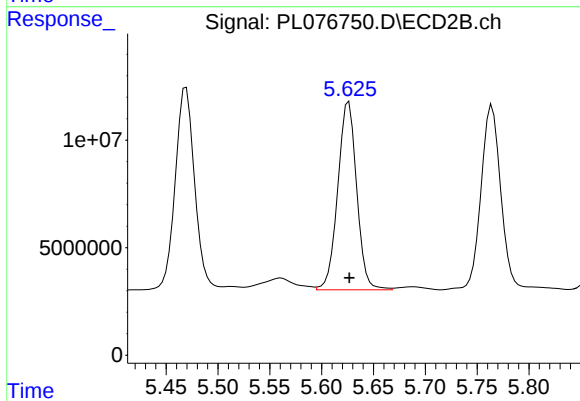
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 110660342
Conc: 46.15 ng/ml



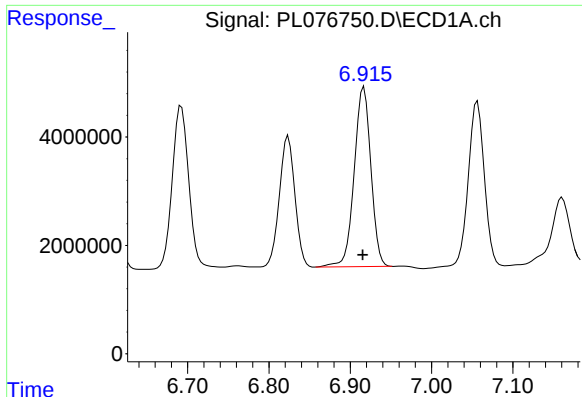
#16 4,4'-DDD

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 41633550
Conc: 49.94 ng/ml



#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 111188402
Conc: 46.93 ng/ml



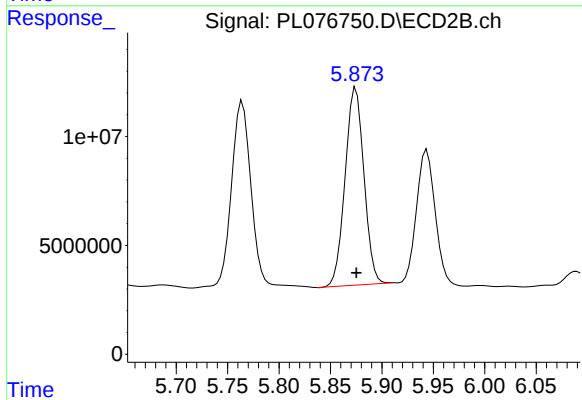
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.001 min
Response: 47169262
Conc: 51.91 ng/ml

Instrument :
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ClientSampleId :
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#17 4,4'-DDT

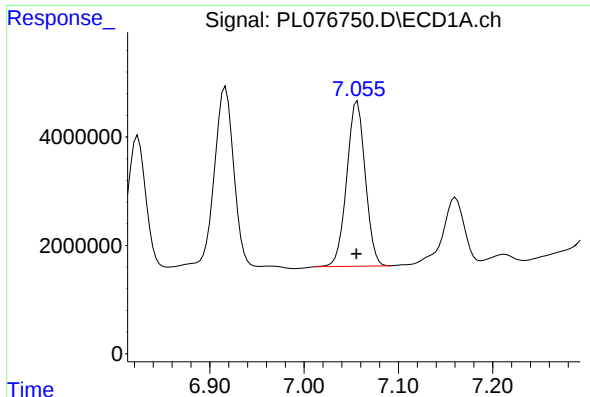
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 115981921
Conc: 48.27 ng/ml

#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 31890051
Conc: 43.74 ng/ml

#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 77656666
Conc: 41.22 ng/ml



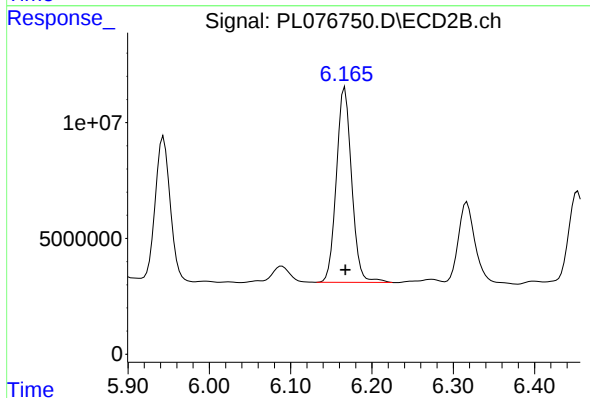
#19 Endosulfan Sulfate

R.T.: 7.056 min
Delta R.T.: 0.001 min
Response: 41610017
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

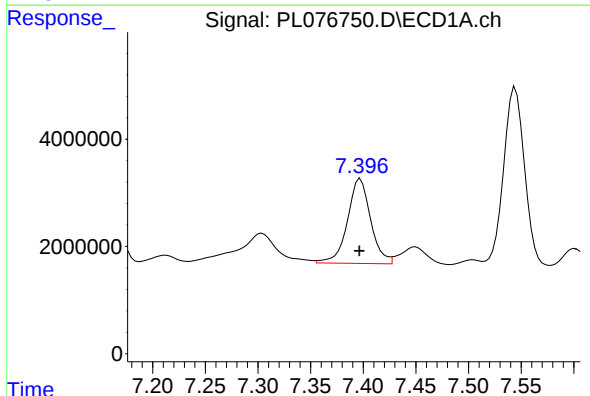
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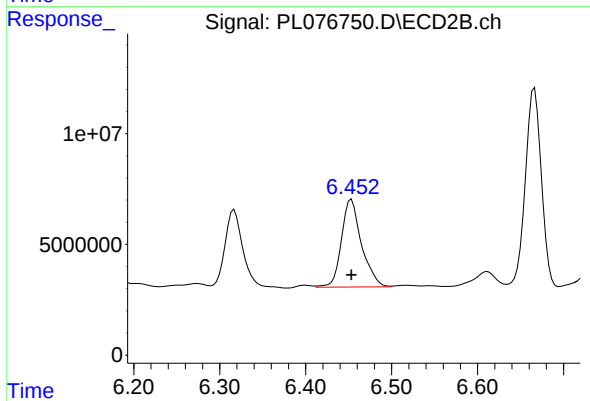
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 109846241
Conc: 44.66 ng/ml



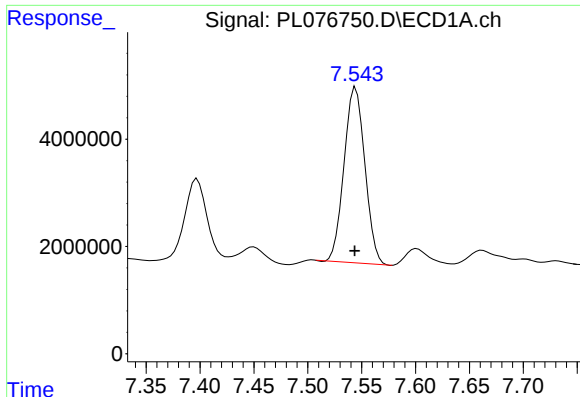
#20 Methoxychlor

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 24214036
Conc: 47.85 ng/ml



#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 64195297
Conc: 49.08 ng/ml



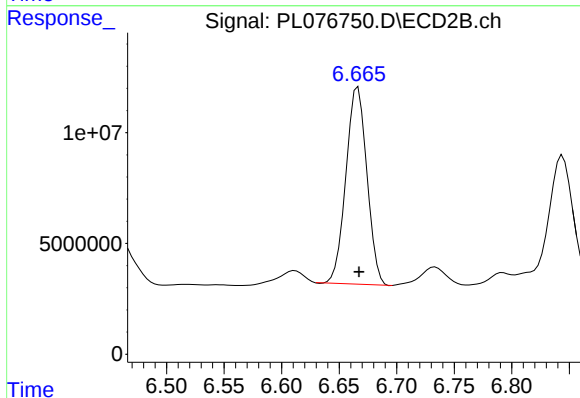
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: 0.001 min
Response: 44025526
Conc: 43.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

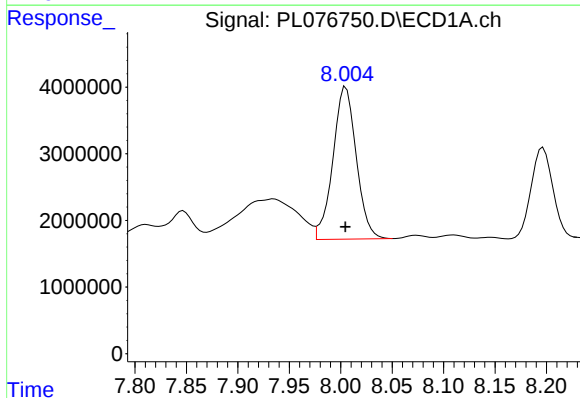
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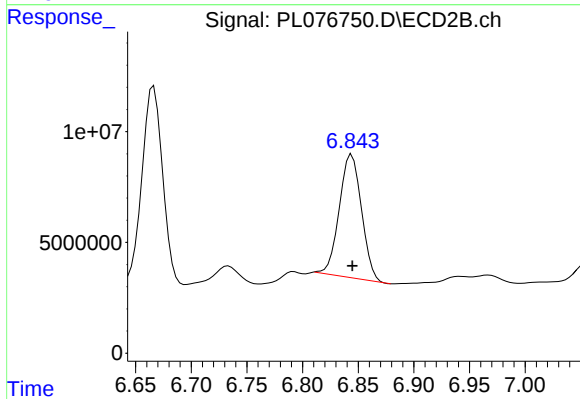
#21 Endrin ketone

R.T.: 6.666 min
Delta R.T.: -0.001 min
Response: 113449565
Conc: 41.80 ng/ml



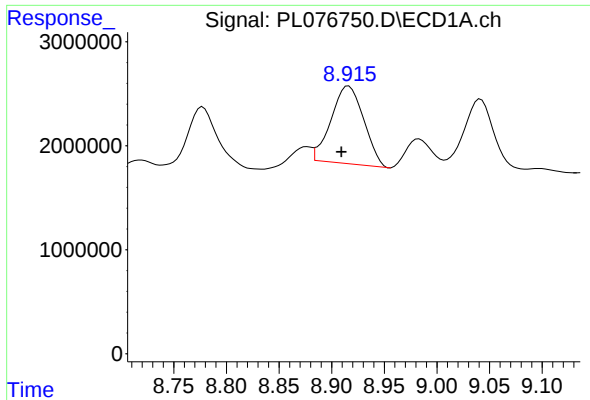
#22 Mirex

R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 36036860
Conc: 46.59 ng/ml



#22 Mirex

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 76536672
Conc: 38.16 ng/ml



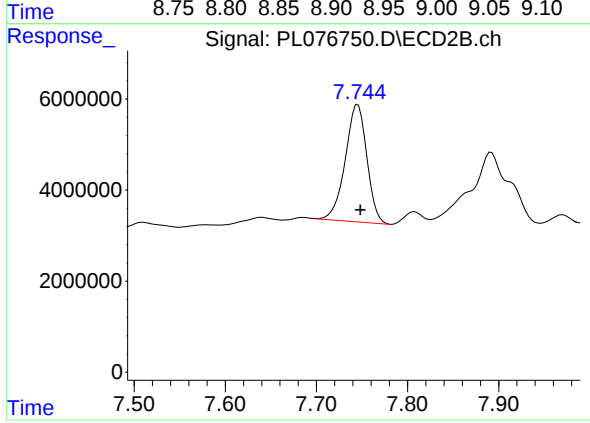
#28 Decachlorobiphenyl

R.T.: 8.916 min
Delta R.T.: 0.007 min
Response: 16113646
Conc: 18.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2022
Supervised By :Ankita Jodhani 07/29/2022



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: -0.004 min
Response: 42388030
Conc: 16.51 ng/ml m