

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080323\
 Data File : PL084499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2023 02:03
 Operator : AR\AJ
 Sample : 03877-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/04/2023
 Supervised By :Ankita Jodhani 08/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 05:18:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.476	2.687	39736954	18760715	17.102m	17.253
28)	SA Decachlor...	9.026	7.868	28872449	21744174	17.745	17.440
Target Compounds							
2)	A alpha-BHC	3.935	3.192	148.0E6	70872858	44.816	45.900
3)	MA gamma-BHC...	4.269	3.522	137.9E6	66672670	43.216	43.877
4)	MA Heptachlor	4.861	3.864	157.0E6	66427523	46.674	46.644
5)	MB Aldrin	5.203	4.144	144.9E6	64436297	43.826	44.335
6)	B beta-BHC	4.468	3.824	61353034	29790082	43.920	44.461
7)	B delta-BHC	4.715	4.053	136.2E6	65262768	42.230	42.987
8)	B Heptachlo...	5.633	4.650	136.1E6	59922611	45.175	45.163
9)	A Endosulfan I	6.019	5.020	118.9E6	56525883	45.154	45.611
10)	B gamma-Chl...	5.890	4.903	129.7E6	61823173	45.288	45.584
11)	B alpha-Chl...	5.970	4.967	126.5E6	61430462	44.818	45.087
12)	B 4,4'-DDE	6.149	5.165	106.0E6	57097885	46.181	46.366
13)	MA Dieldrin	6.296	5.287	115.7E6	60251932	43.786	44.375
14)	MA Endrin	6.525	5.562	97793320	55746840	44.839	45.574
15)	B Endosulfa...	6.746	5.860	88526100	51513366	41.856	42.693
16)	A 4,4'-DDD	6.667	5.723	78467382	46537799	46.802	45.041
17)	MA 4,4'-DDT	6.983	5.975	86759168	53272964	46.304	45.903
18)	B Endrin al...	6.876	6.042	72099475	42311067	42.740	42.663
19)	B Endosulfa...	7.112	6.266	87649370	53499929	43.875	44.989
20)	A Methoxychlor	7.465	6.559	42915138	29663317	44.718	43.235
21)	B Endrin ke...	7.597	6.771	87018686	63771225	43.500	44.199
22)	Mirex	8.073	6.952	71429443	50195703	43.008	43.524

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080323\
 Data File : PL084499.D
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 Acq On : 04 Aug 2023 02:03
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ECD_L

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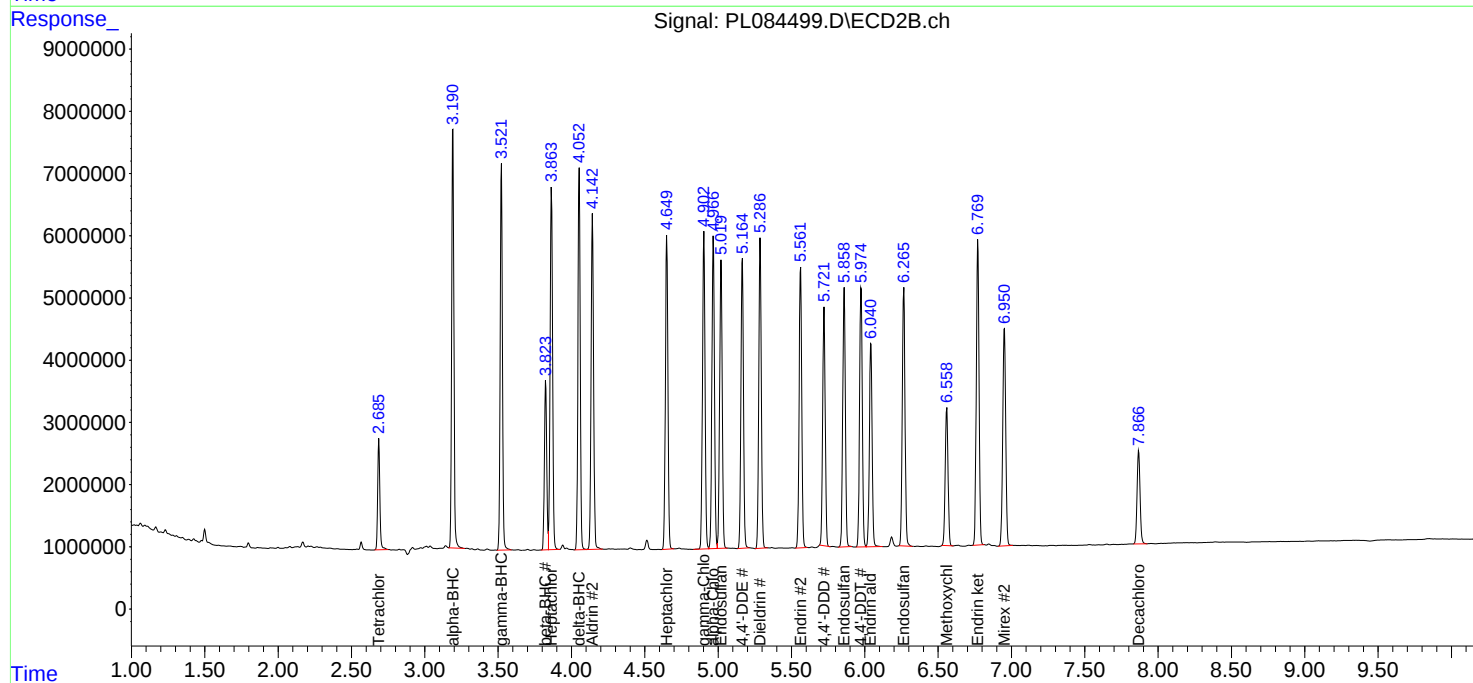
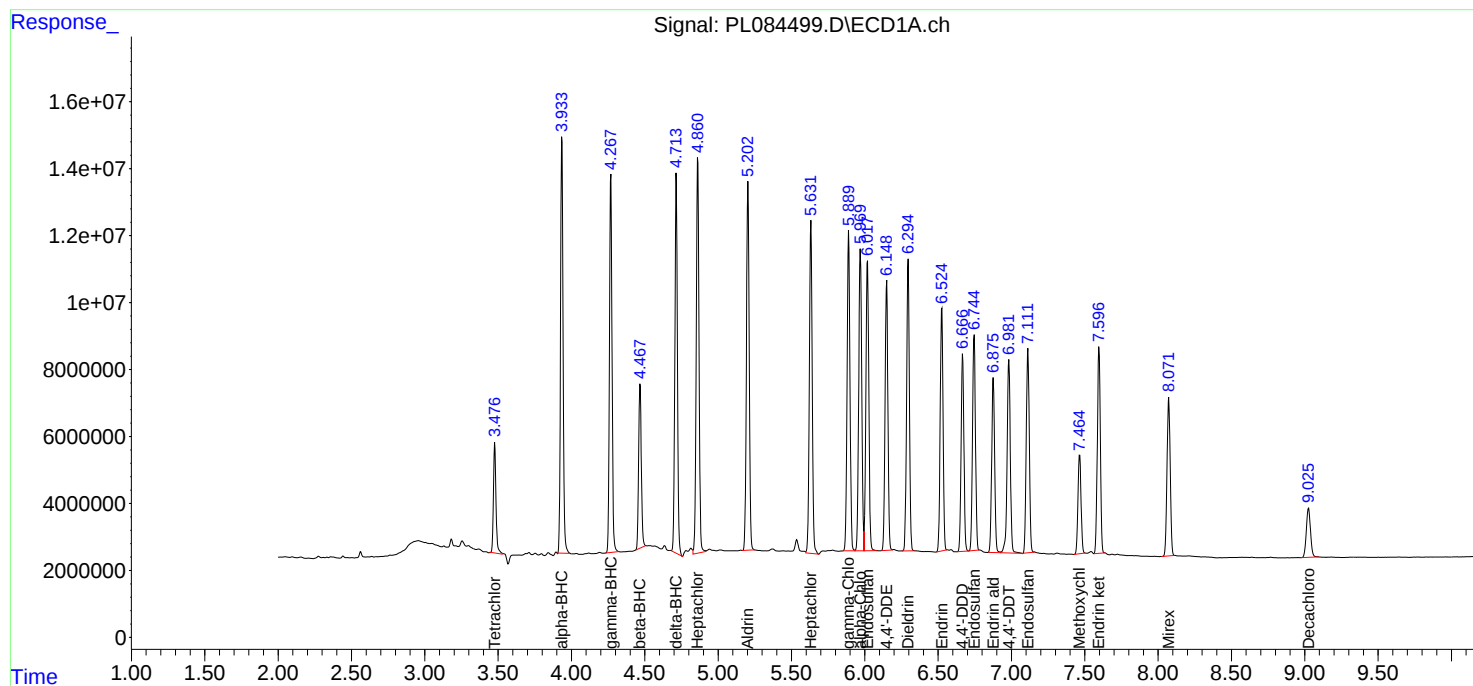
Manual Integrations

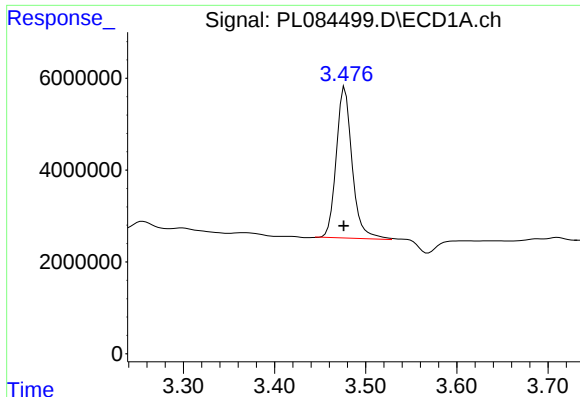
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Reviewed By : Abdul Mirza 08/04/2023
 Supervised By : Ankita Jodhani 08/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 05:18:51 2023
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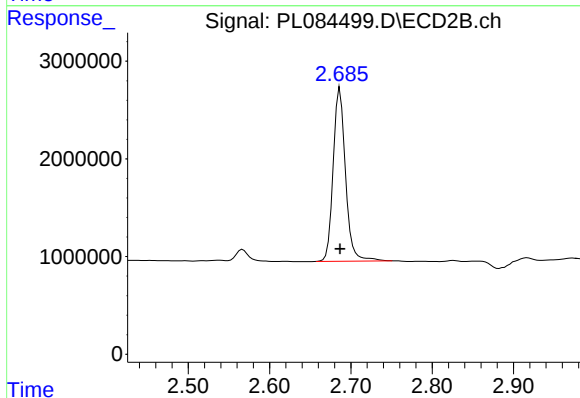
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 39736954
Conc: 17.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

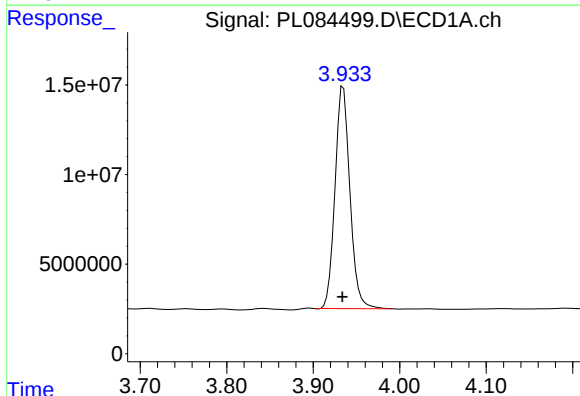
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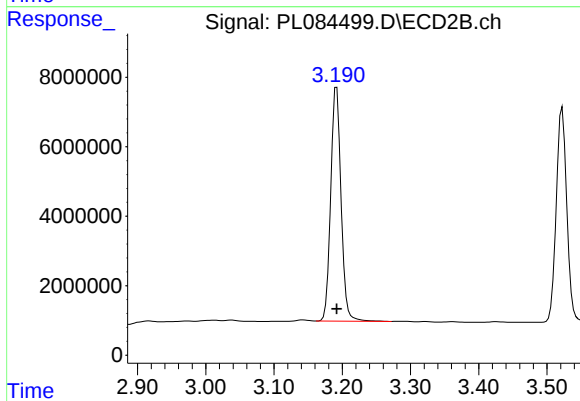
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 18760715
Conc: 17.25 ng/ml



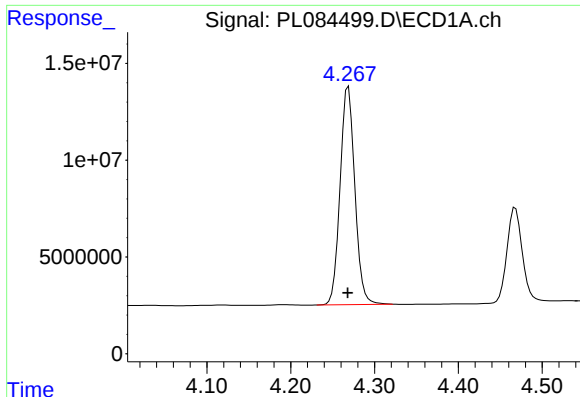
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 147954695
Conc: 44.82 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 70872858
Conc: 45.90 ng/ml



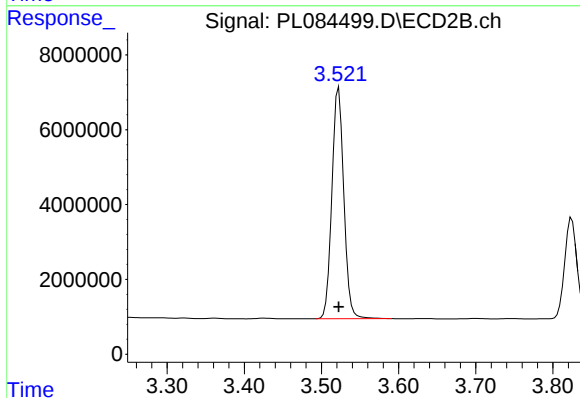
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 137860381
Conc: 43.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

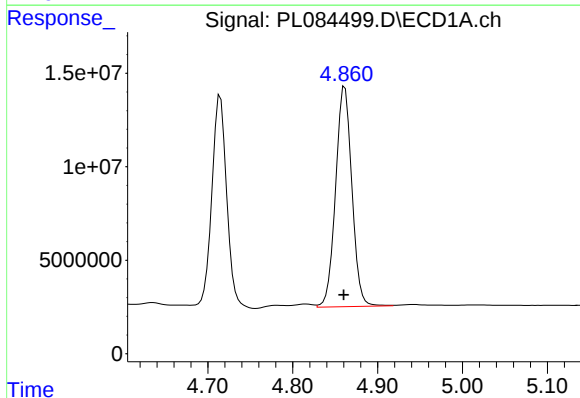
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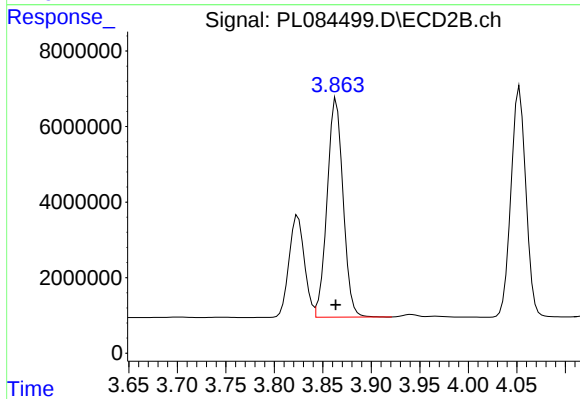
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 66672670
Conc: 43.88 ng/ml



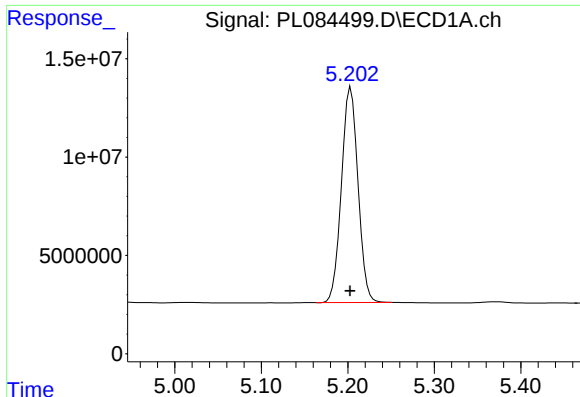
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.001 min
Response: 156957821
Conc: 46.67 ng/ml



#4 Heptachlor

R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 66427523
Conc: 46.64 ng/ml



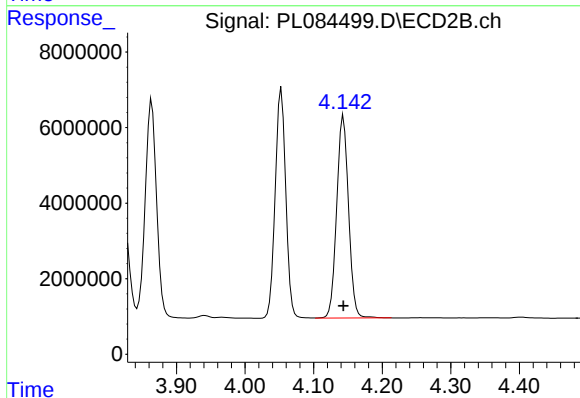
#5 Aldrin

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 144861036
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

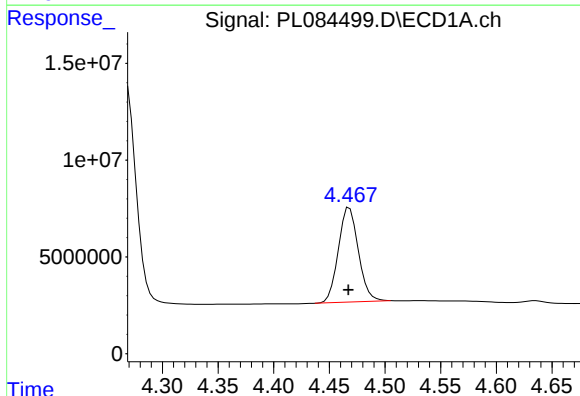
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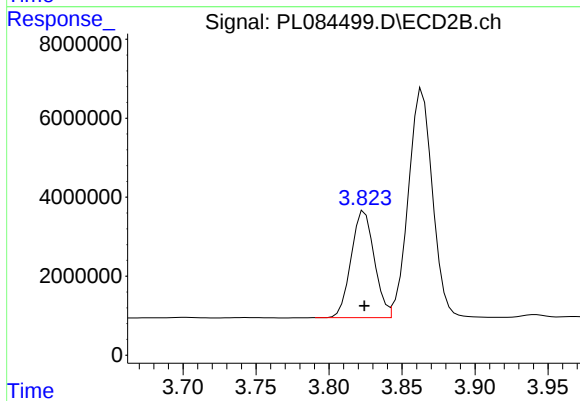
#5 Aldrin

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 64436297
Conc: 44.33 ng/ml



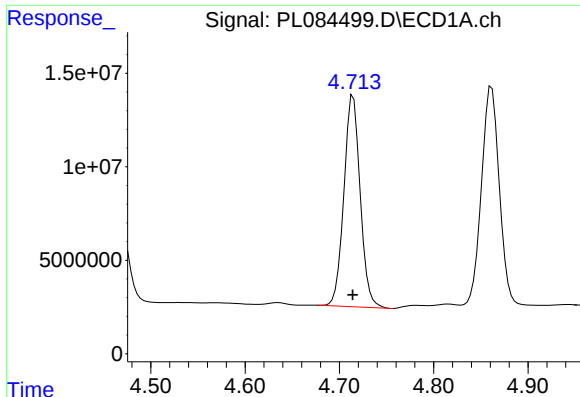
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 61353034
Conc: 43.92 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 29790082
Conc: 44.46 ng/ml



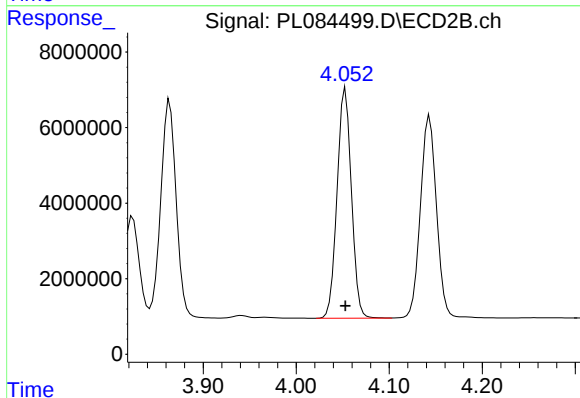
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 136178708
Conc: 42.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

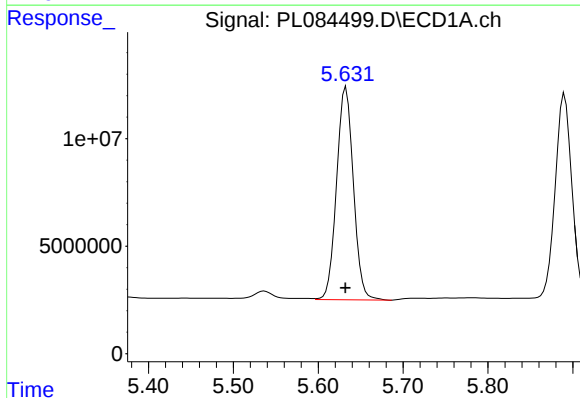
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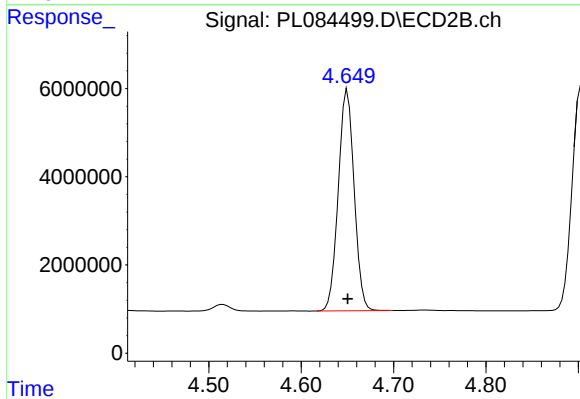
#7 delta-BHC

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 65262768
Conc: 42.99 ng/ml



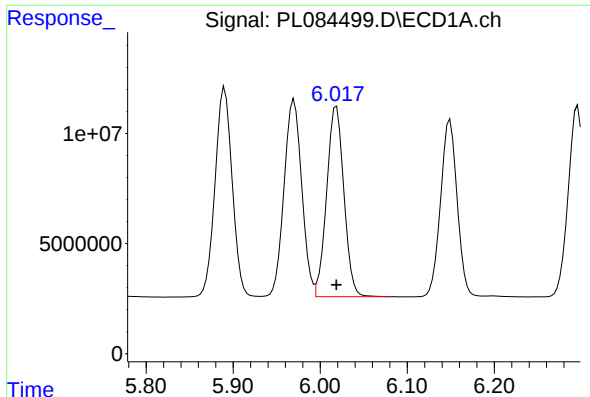
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 136097096
Conc: 45.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 59922611
Conc: 45.16 ng/ml



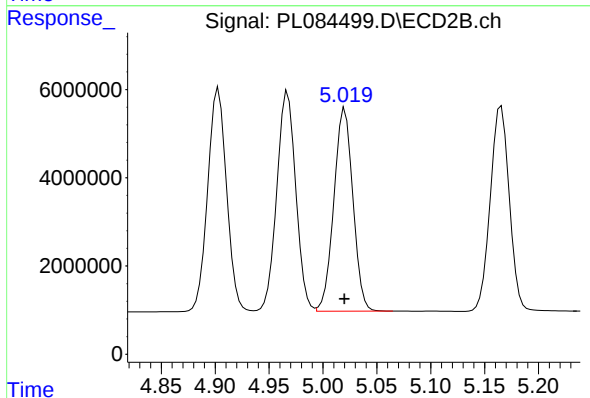
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 118855671
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

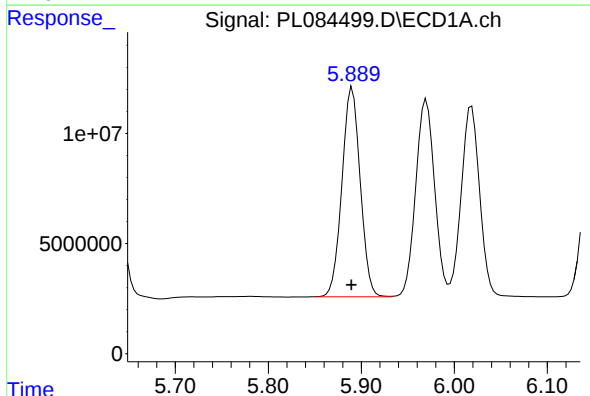
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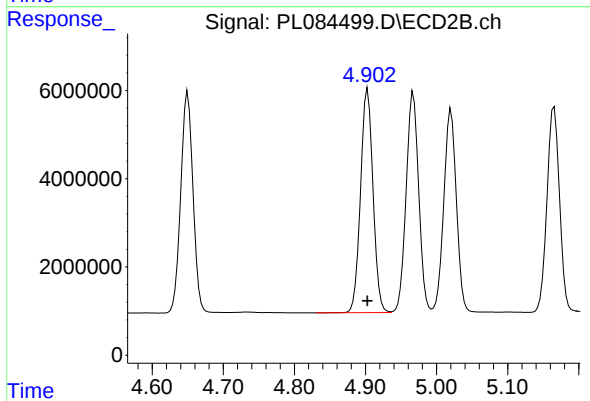
#9 Endosulfan I

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 56525883
Conc: 45.61 ng/ml



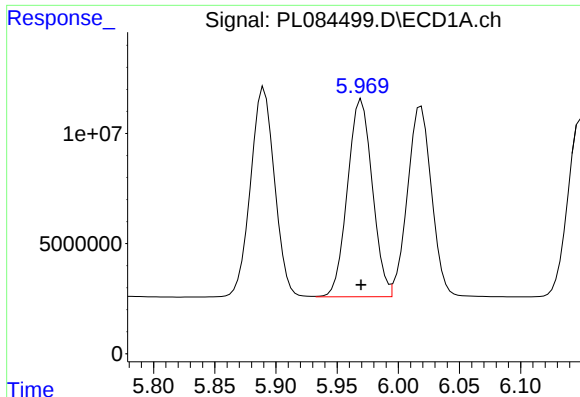
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.001 min
Response: 129688988
Conc: 45.29 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 61823173
Conc: 45.58 ng/ml



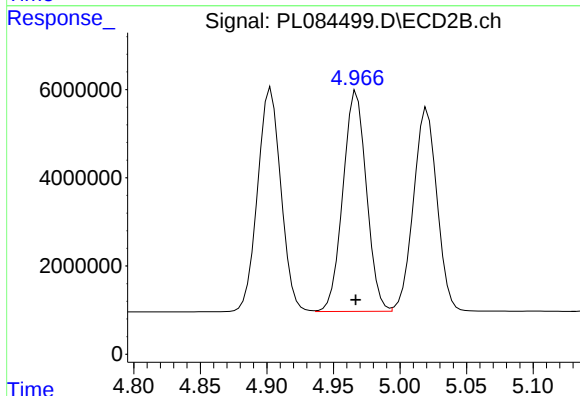
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 126529263
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

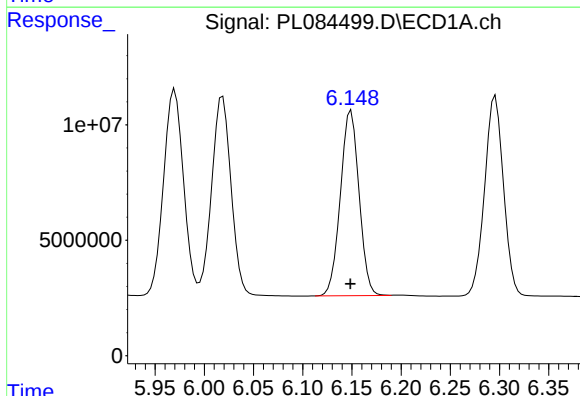
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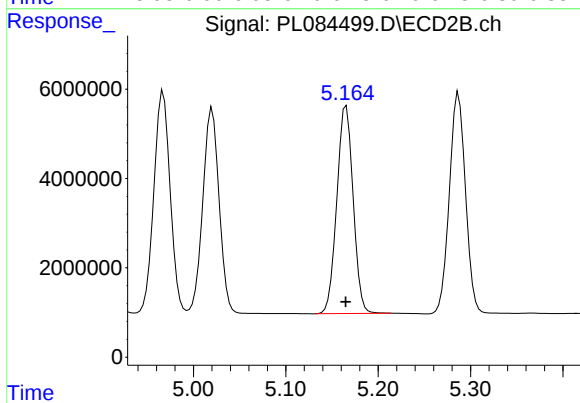
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 61430462
Conc: 45.09 ng/ml



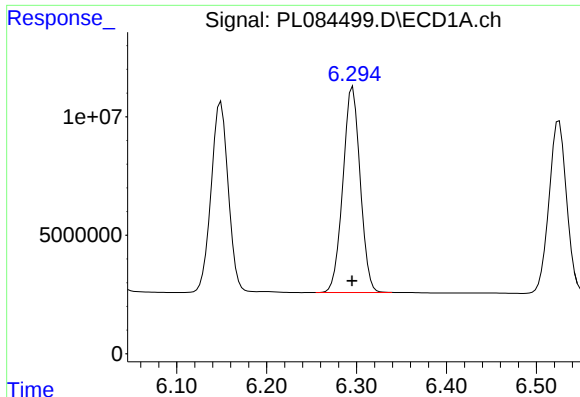
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 105998707
Conc: 46.18 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 57097885
Conc: 46.37 ng/ml



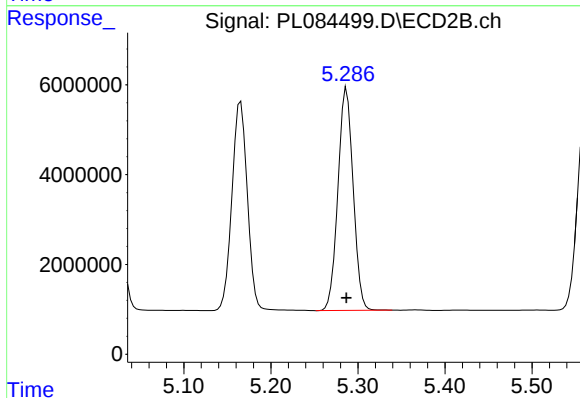
#13 Dieldrin

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 115710453
Conc: 43.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

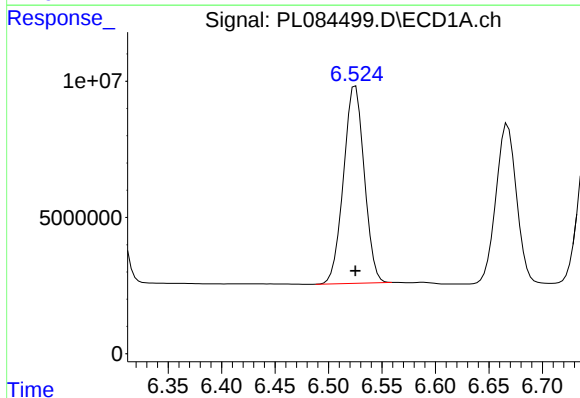
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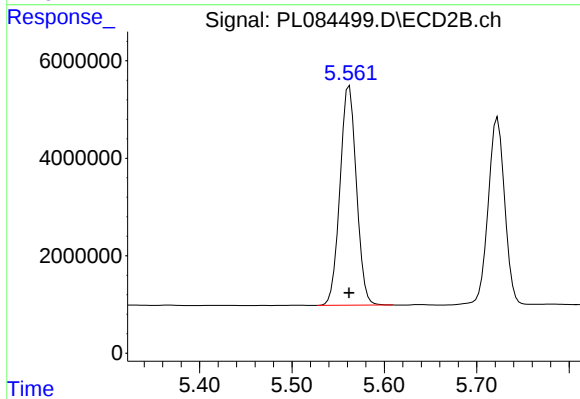
#13 Dieldrin

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 60251932
Conc: 44.38 ng/ml



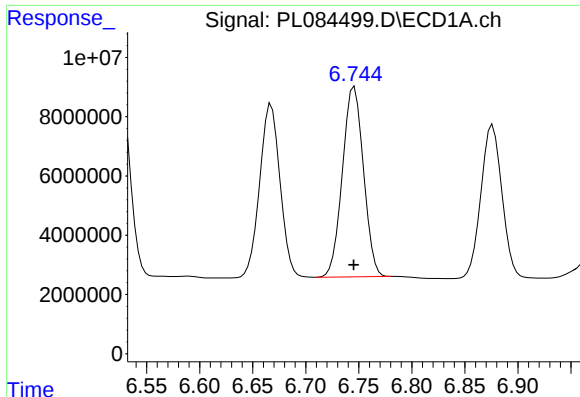
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 97793320
Conc: 44.84 ng/ml



#14 Endrin

R.T.: 5.562 min
Delta R.T.: 0.000 min
Response: 55746840
Conc: 45.57 ng/ml



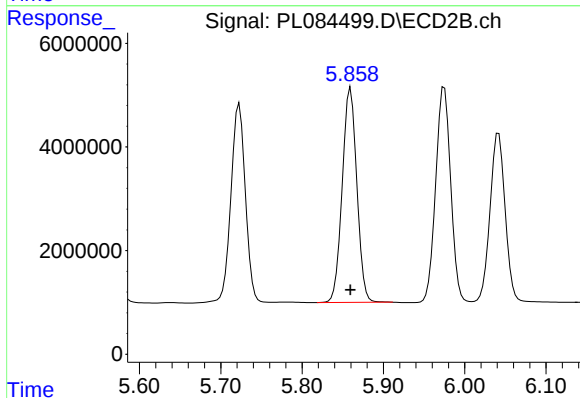
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 88526100
Conc: 41.86 ng/ml

Instrument :
ECD_L
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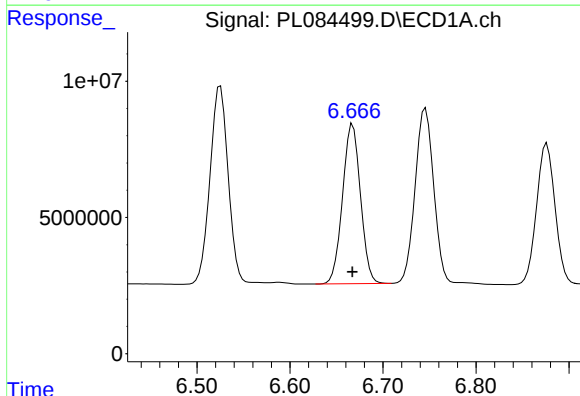
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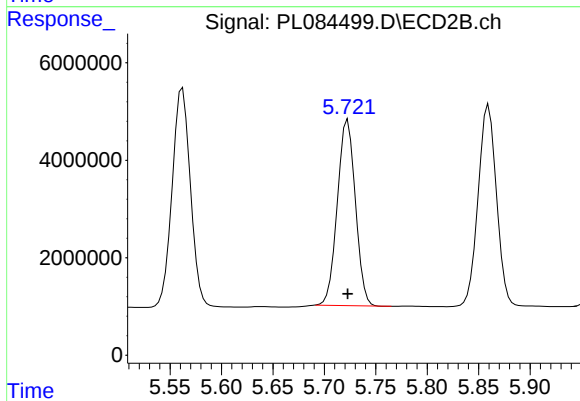
#15 Endosulfan II

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 51513366
Conc: 42.69 ng/ml



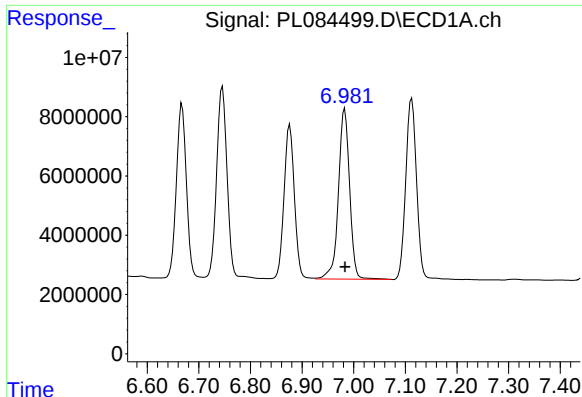
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 78467382
Conc: 46.80 ng/ml



#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 46537799
Conc: 45.04 ng/ml



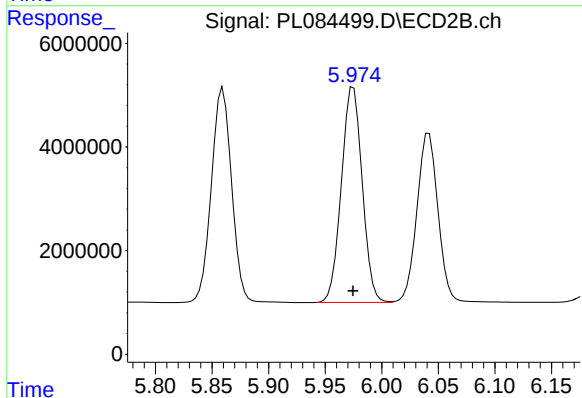
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 86759168
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

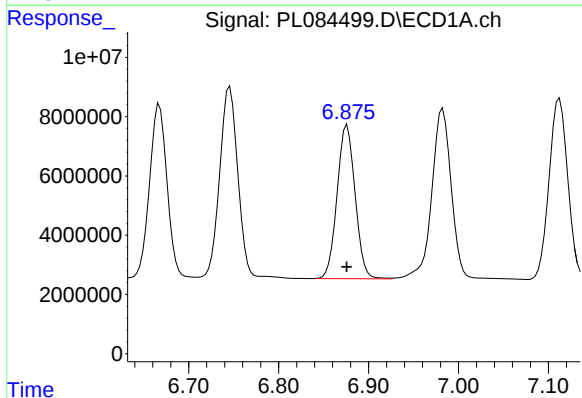
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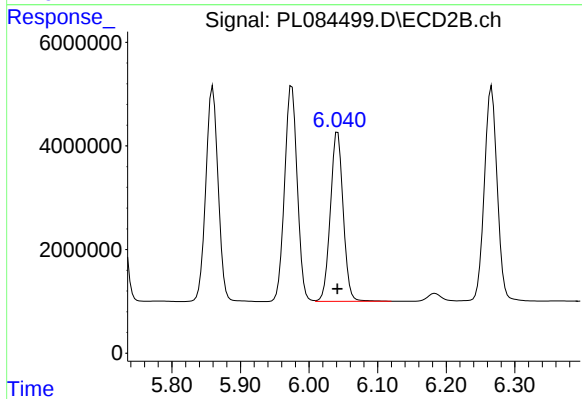
#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 53272964
Conc: 45.90 ng/ml



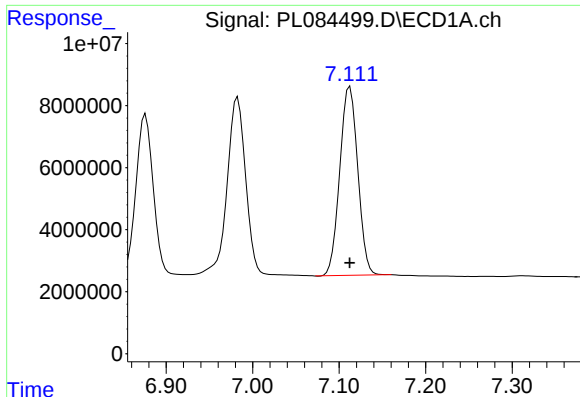
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 72099475
Conc: 42.74 ng/ml



#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 42311067
Conc: 42.66 ng/ml



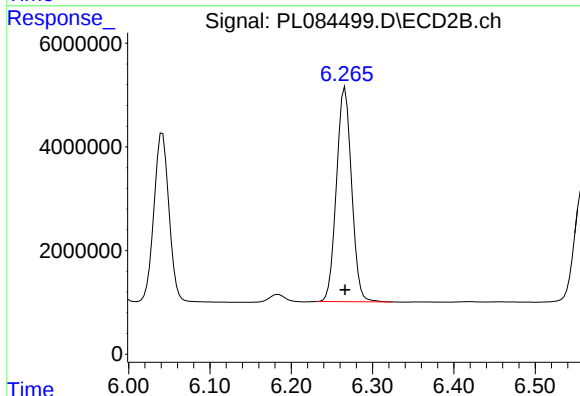
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 87649370
Conc: 43.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

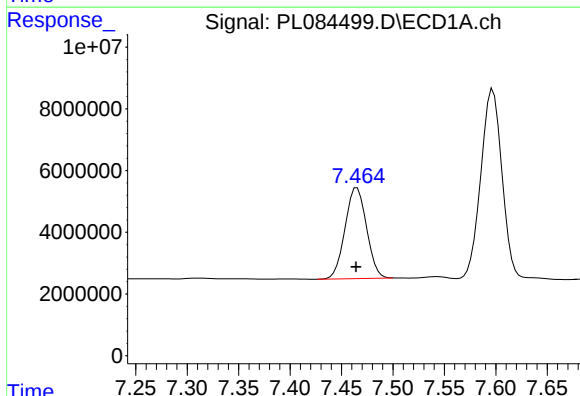
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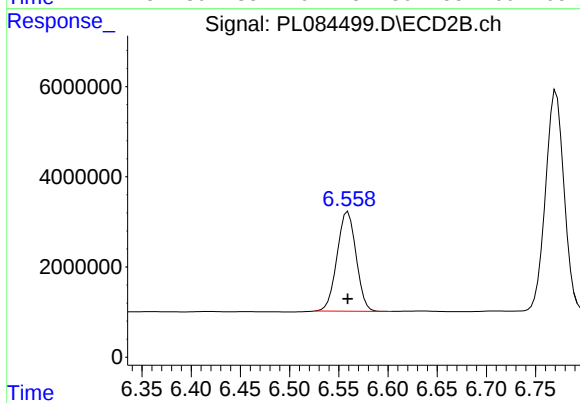
#19 Endosulfan Sulfate

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 53499929
Conc: 44.99 ng/ml



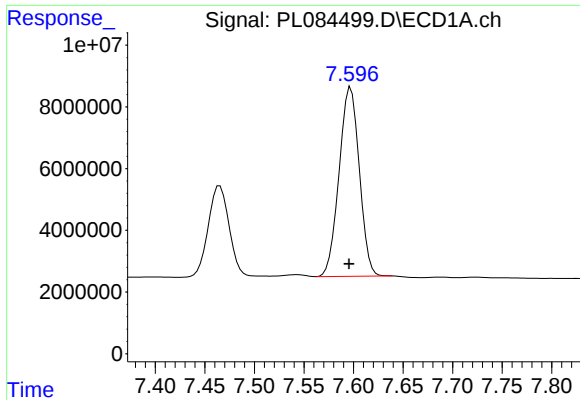
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.001 min
Response: 42915138
Conc: 44.72 ng/ml



#20 Methoxychlor

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 29663317
Conc: 43.23 ng/ml



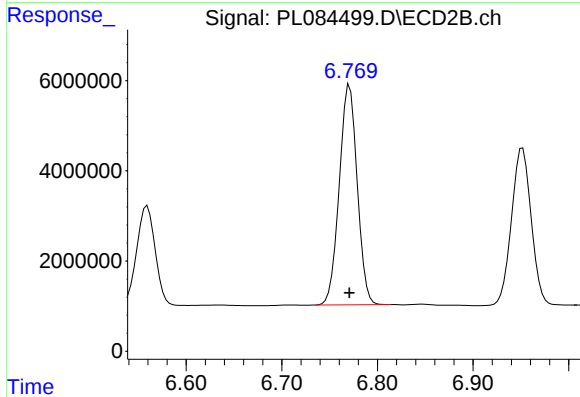
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.002 min
Response: 87018686
Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

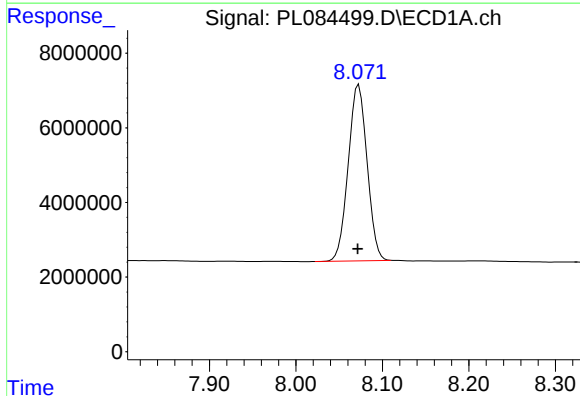
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2023
Supervised By :Ankita Jodhani 08/04/2023



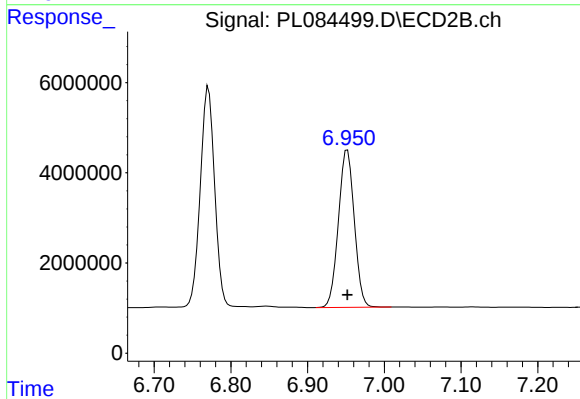
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 63771225
Conc: 44.20 ng/ml



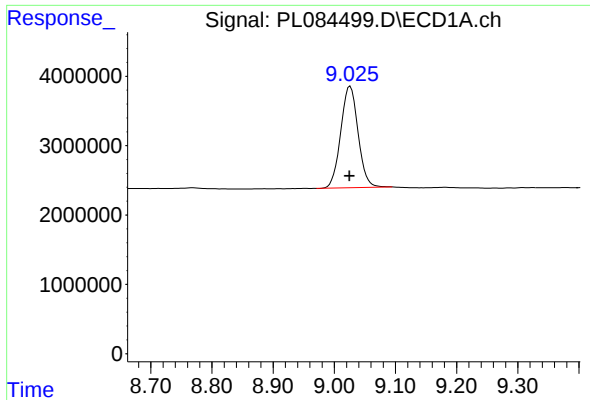
#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.001 min
Response: 71429443
Conc: 43.01 ng/ml



#22 Mirex

R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 50195703
Conc: 43.52 ng/ml



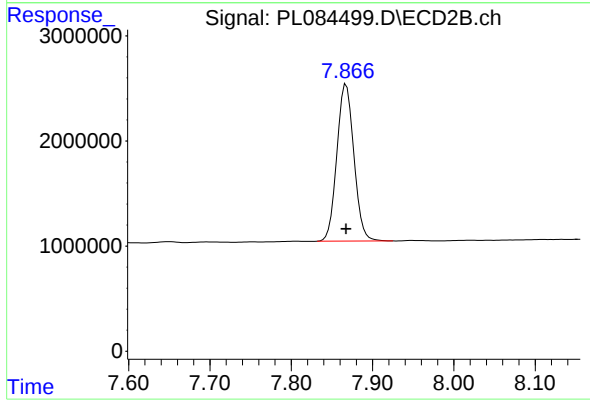
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.001 min
Response: 28872449
Conc: 17.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 21744174
Conc: 17.44 ng/ml