

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051923\
 Data File : PL082807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2023 13:17
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC100

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/22/2023
 Supervised By : Ankita Jodhani 05/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 03:56:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 02:10:25 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	2.639	292.7E6	257.3E6	98.466	97.574
28)	SA Decachlor...	8.748	7.744	189.6E6	224.5E6	95.761	95.704
Target Compounds							
2)	A alpha-BHC	3.784	3.135	467.4E6	397.2E6	99.537	100.118
3)	MA gamma-BHC...	4.111	3.462	428.2E6	345.7E6	99.723	99.726
4)	MA Heptachlor	4.689	3.793	388.4E6	373.6E6	99.358	98.996
5)	MB Aldrin	5.026	4.069	366.2E6	338.2E6	99.586	99.746
6)	B beta-BHC	4.315	3.762	175.9E6	137.7E6	97.291	96.672
7)	B delta-BHC	4.556	3.988	359.5E6	348.2E6	100.584	100.097
8)	B Heptachlo...	5.450	4.570	308.8E6	296.2E6	98.441m	98.339
9)	A Endosulfan I	5.832	4.937	295.1E6	280.8E6	98.944	98.724
10)	B gamma-Chl...	5.706	4.819	317.9E6	303.0E6	99.173	99.088
11)	B alpha-Chl...	5.784	4.882	312.9E6	300.2E6	98.635	98.546
12)	B 4,4'-DDE	5.962	5.072	281.0E6	256.6E6	99.617	100.491
13)	MA Dieldrin	6.107	5.201	305.4E6	292.2E6	99.609	99.775
14)	MA Endrin	6.332	5.475	272.1E6	259.0E6	99.726m	99.398
15)	B Endosulfa...	6.554	5.772	253.8E6	238.5E6	96.677m	98.177
16)	A 4,4'-DDD	6.479	5.626	223.6E6	203.0E6	99.895	100.413
17)	MA 4,4'-DDT	6.789	5.874	248.3E6	233.5E6	98.505	100.211
18)	B Endrin al...	6.686	5.952	196.1E6	189.3E6	98.142	97.494
19)	B Endosulfa...	6.920	6.174	247.6E6	239.4E6	97.910	97.865
20)	A Methoxychlor	7.270	6.453	126.6E6	122.2E6	97.356	97.011
21)	B Endrin ke...	7.398	6.678	256.3E6	268.9E6	99.134m	98.471
22)	Mirex	7.862	6.849	191.8E6	218.4E6	95.992m	96.055

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

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 Data File : PL082807.D
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 Acq On : 19 May 2023 13:17
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 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC100

Manual Integrations

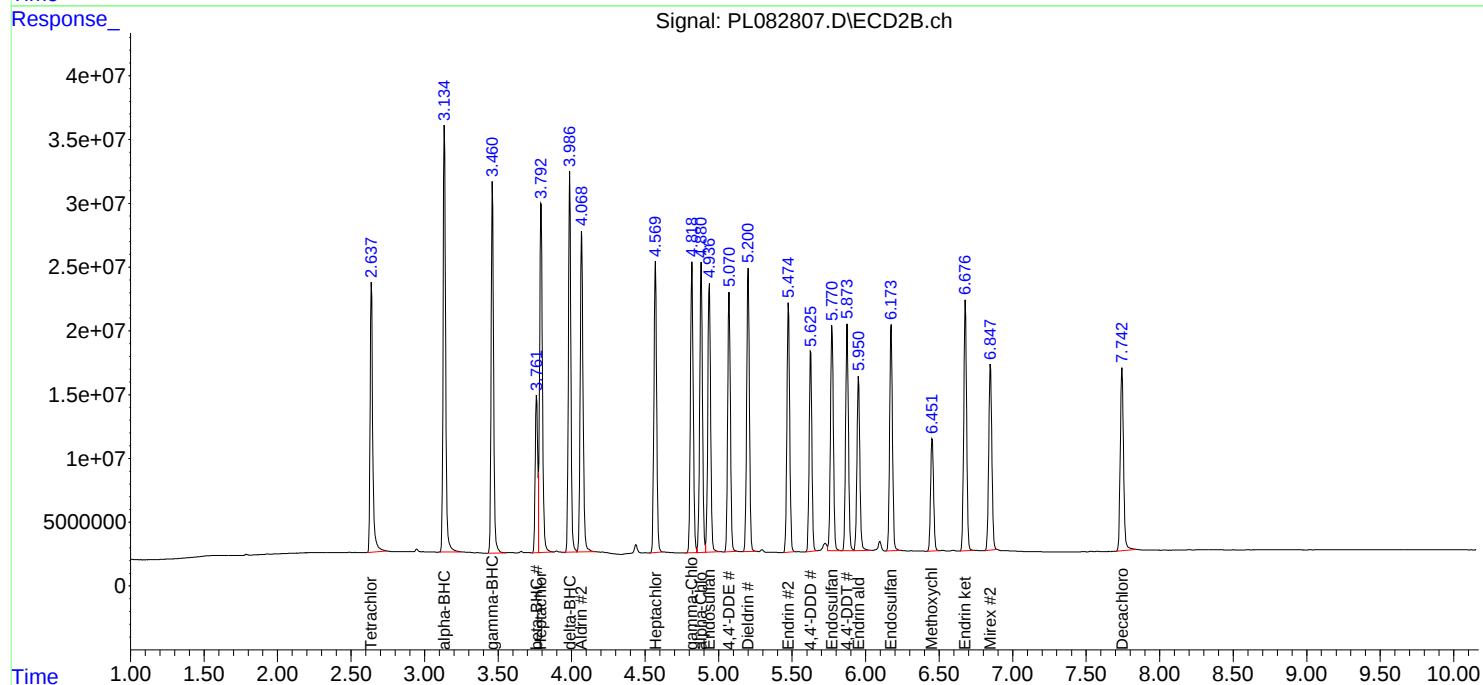
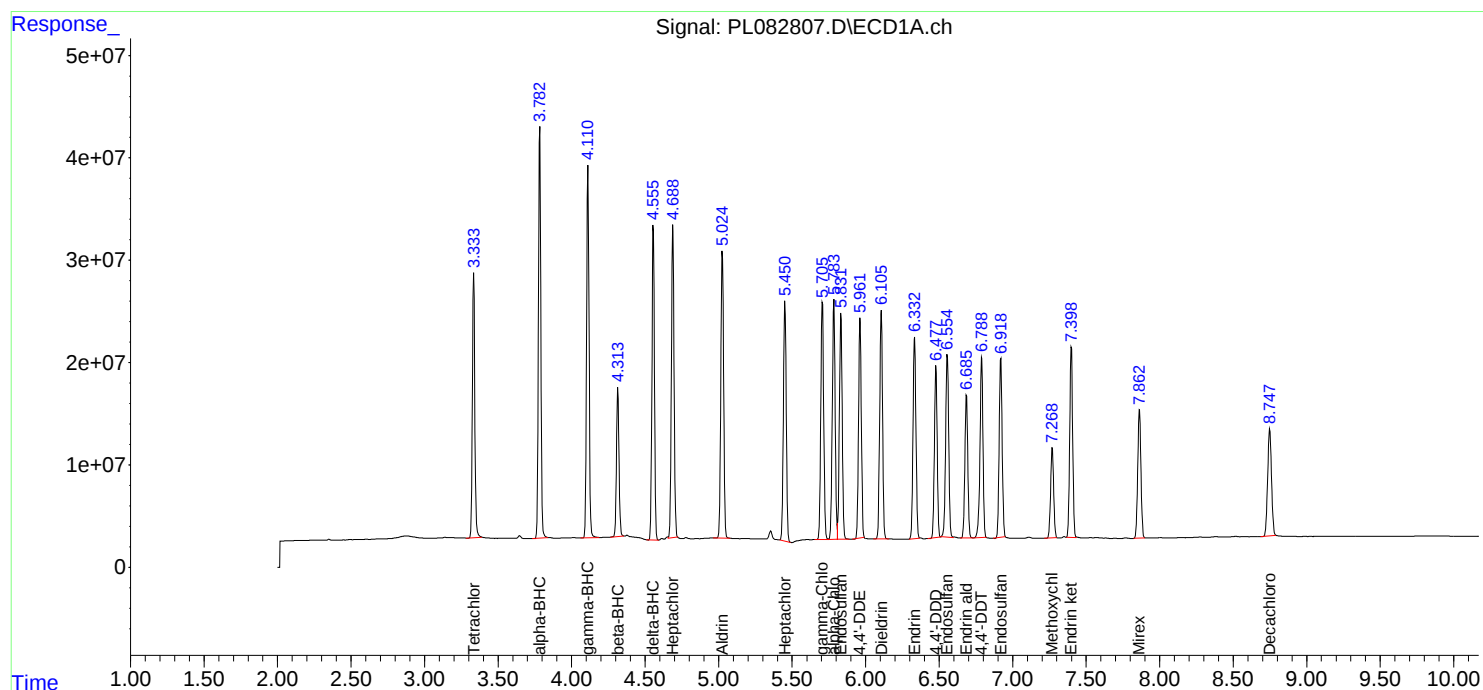
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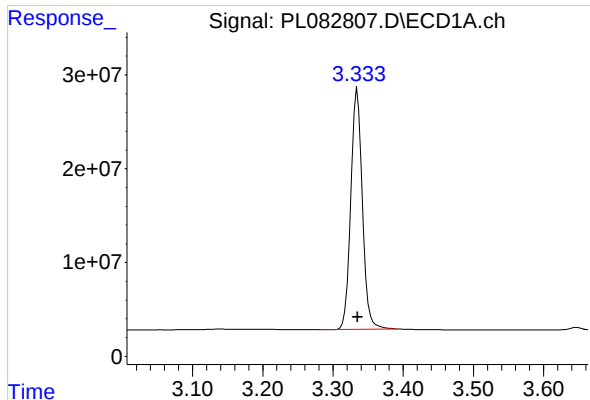
Reviewed By :Abdul Mirza 05/22/2023

Supervised By :Ankita Jodhani 05/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 03:56:59 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





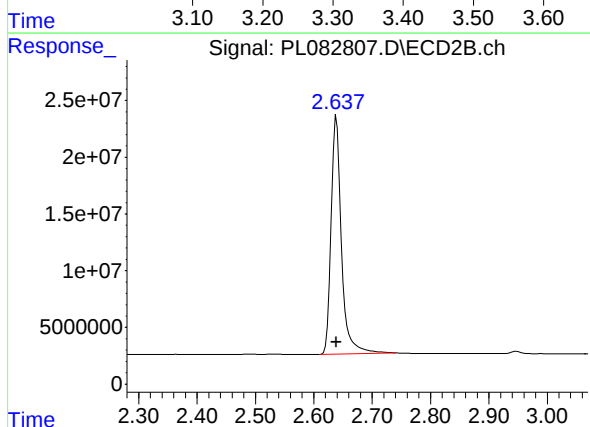
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 292702826
Conc: 98.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

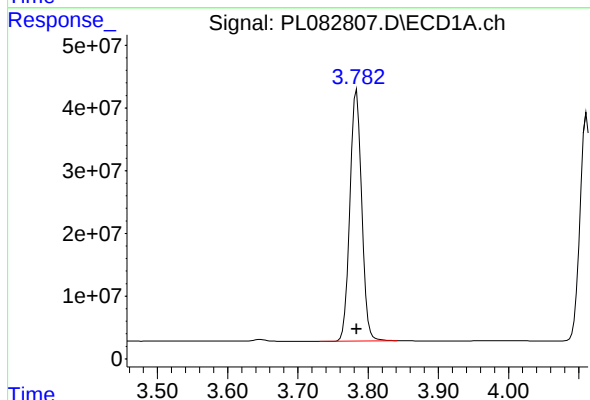
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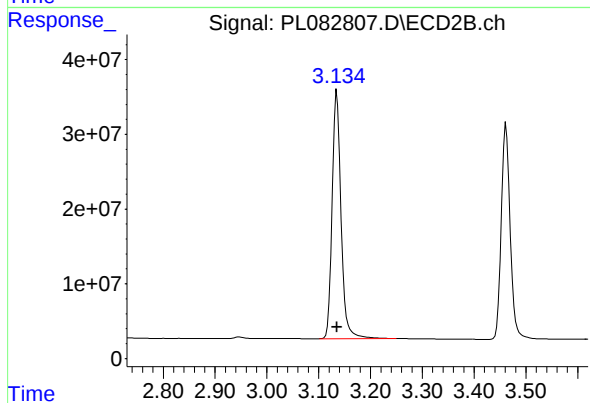
#1 Tetrachloro-m-xylene

R.T.: 2.639 min
Delta R.T.: 0.000 min
Response: 257325580
Conc: 97.57 ng/ml



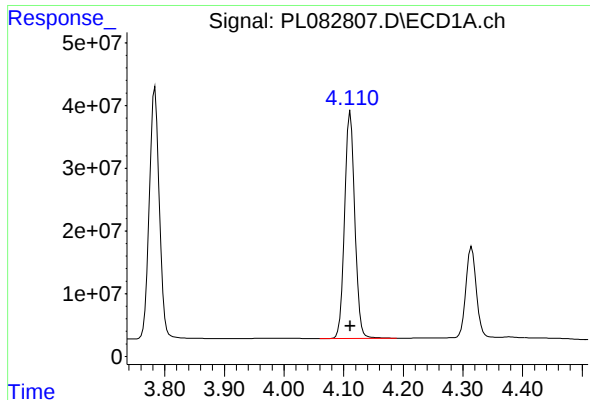
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 467439836
Conc: 99.54 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 397214516
Conc: 100.12 ng/ml



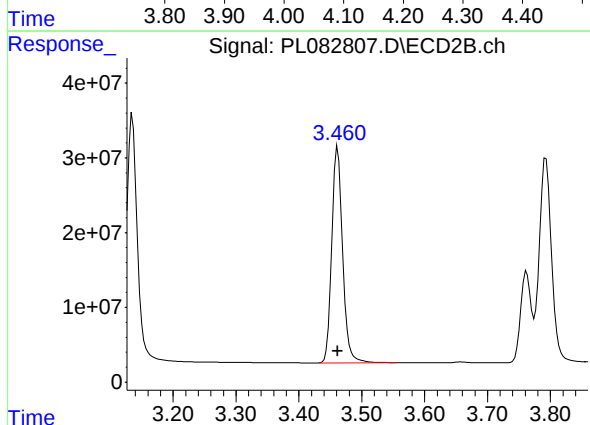
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 428238822
Conc: 99.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

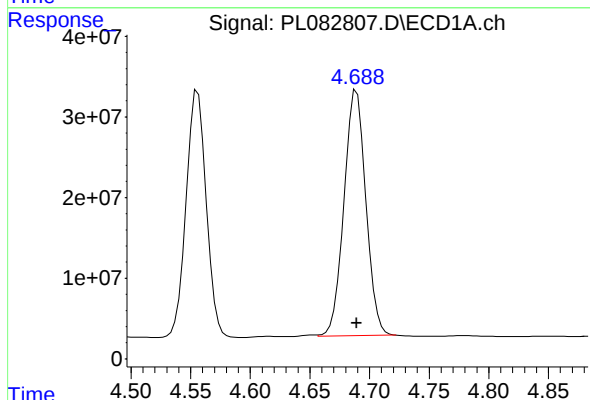
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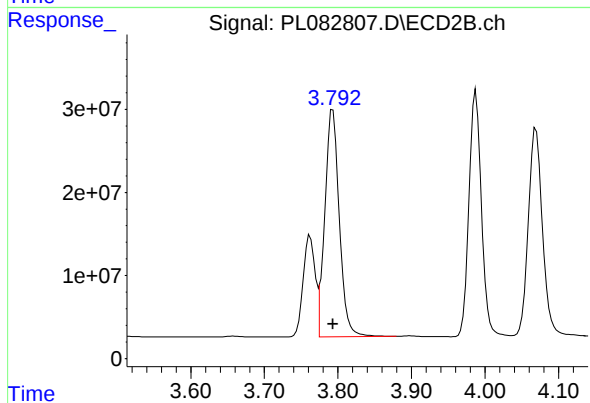
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 345744330
Conc: 99.73 ng/ml



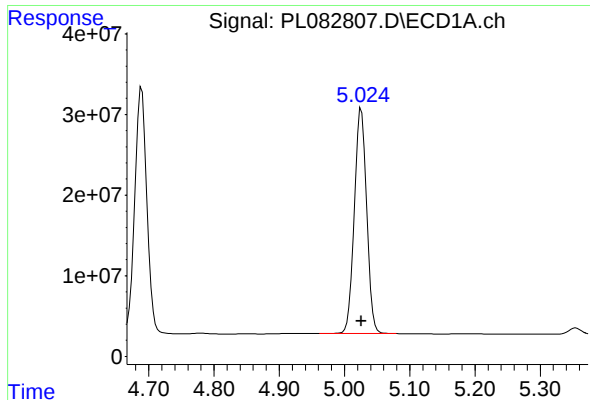
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 388396130
Conc: 99.36 ng/ml



#4 Heptachlor

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 373579406
Conc: 99.00 ng/ml



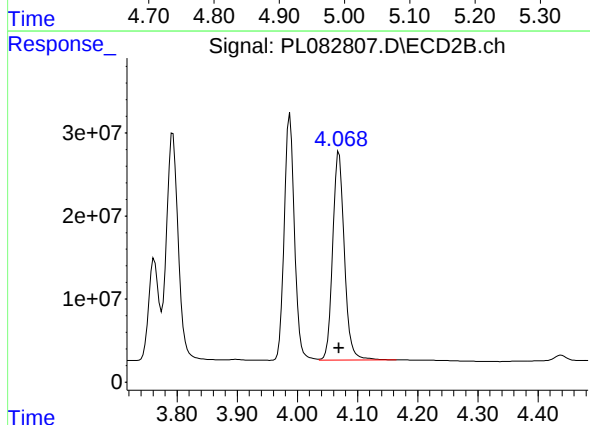
#5 Aldrin

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 366155252
Conc: 99.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

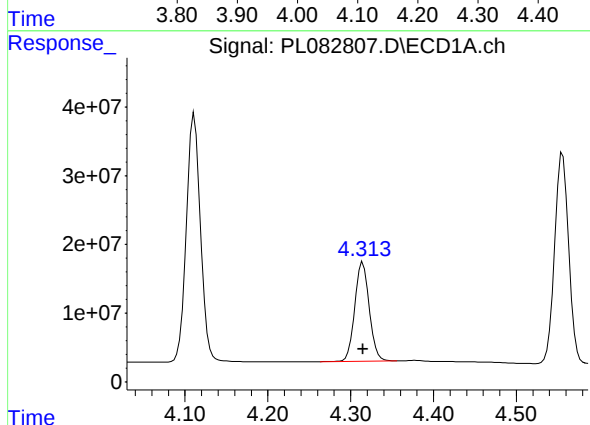
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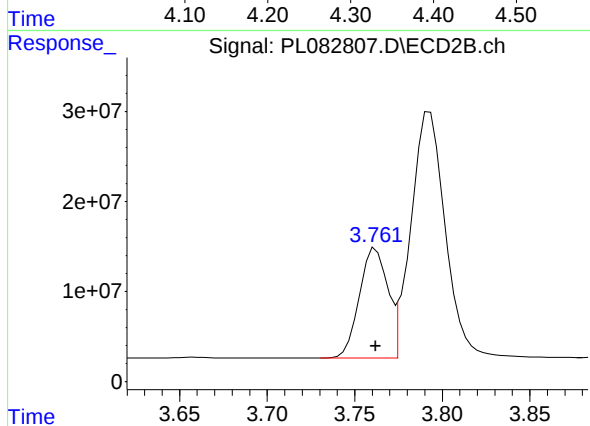
#5 Aldrin

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 338206783
Conc: 99.75 ng/ml



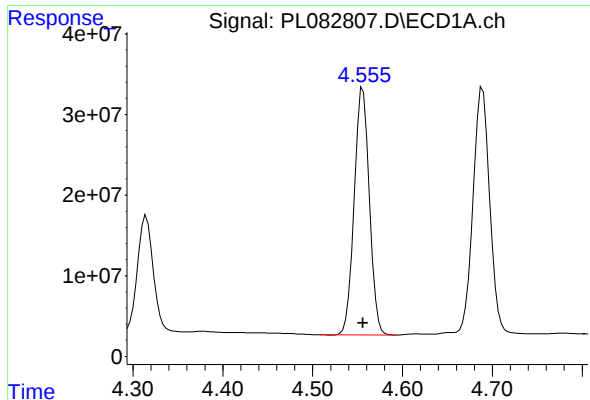
#6 beta-BHC

R.T.: 4.315 min
Delta R.T.: 0.000 min
Response: 175881125
Conc: 97.29 ng/ml



#6 beta-BHC

R.T.: 3.762 min
Delta R.T.: 0.000 min
Response: 137683705
Conc: 96.67 ng/ml



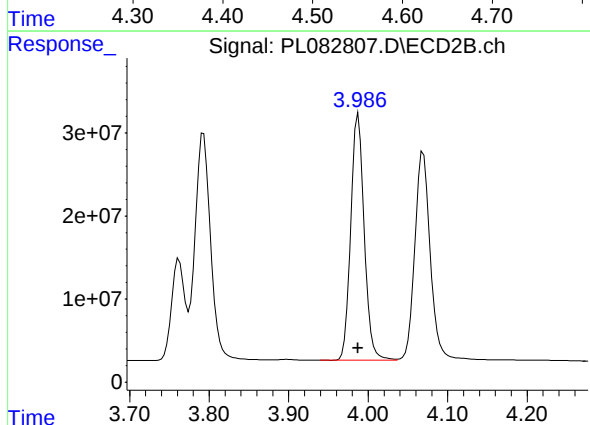
#7 delta-BHC

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 359455807
Conc: 100.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

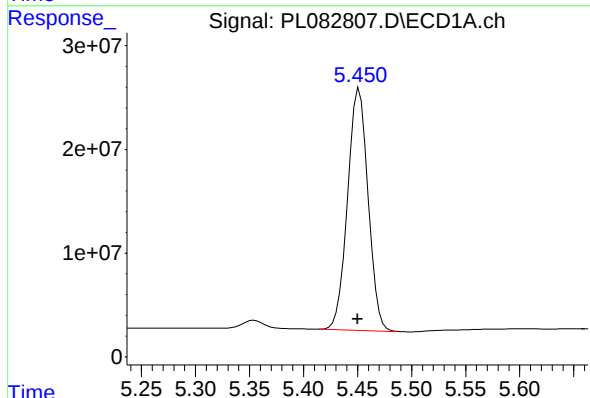
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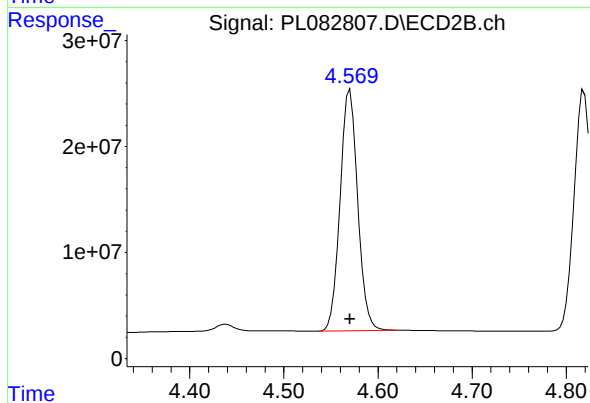
#7 delta-BHC

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 348210740
Conc: 100.10 ng/ml



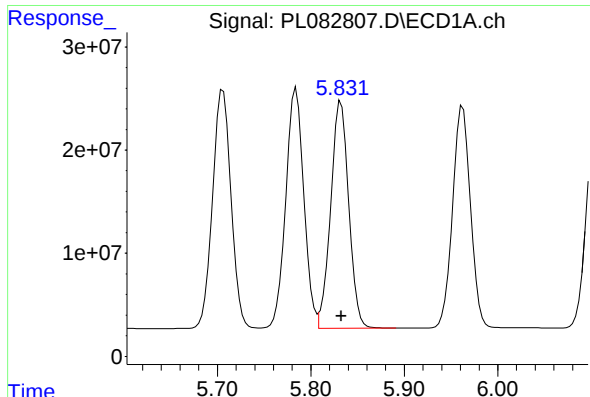
#8 Heptachlor epoxide

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 308783029
Conc: 98.44 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 296199418
Conc: 98.34 ng/ml



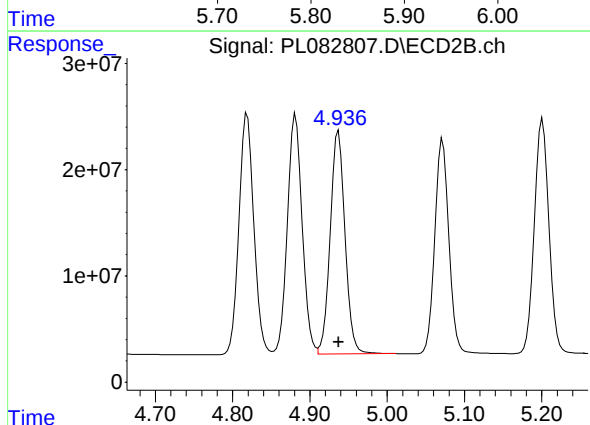
#9 Endosulfan I

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 295079564
Conc: 98.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

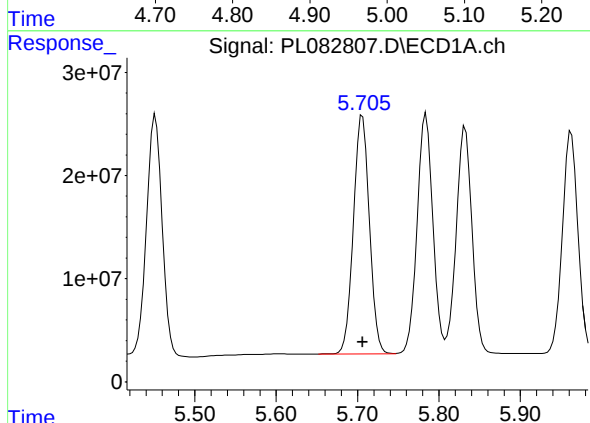
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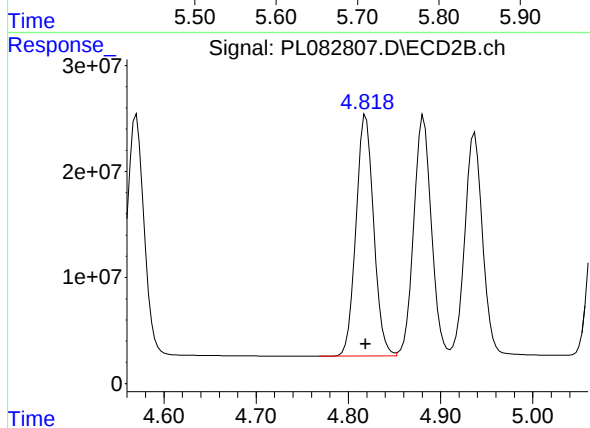
#9 Endosulfan I

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 280844300
Conc: 98.72 ng/ml



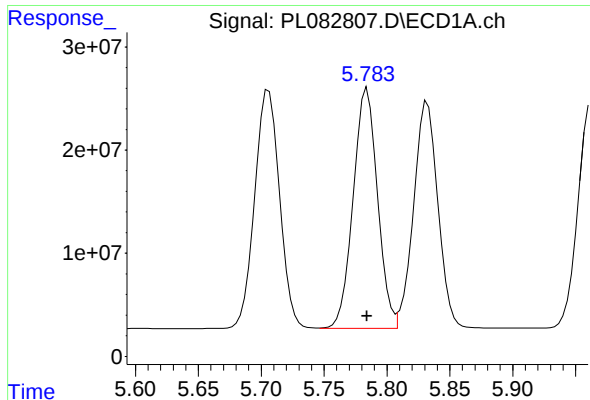
#10 gamma-Chlordane

R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 317916266
Conc: 99.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 302999975
Conc: 99.09 ng/ml



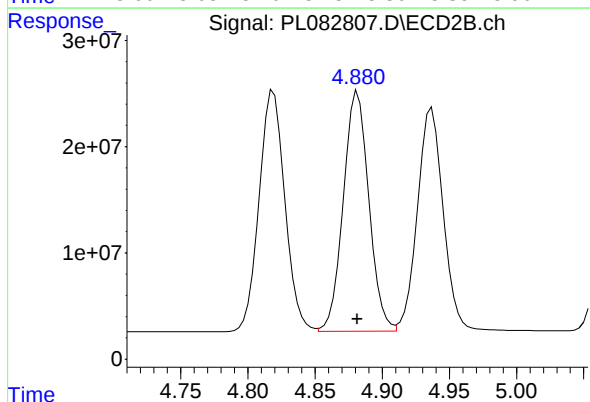
#11 alpha-Chlordane

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 312928859
Conc: 98.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

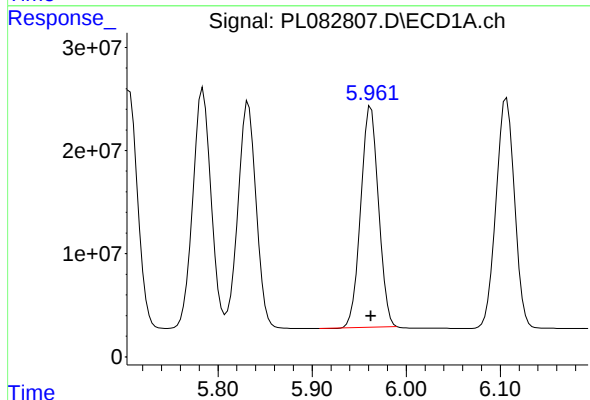
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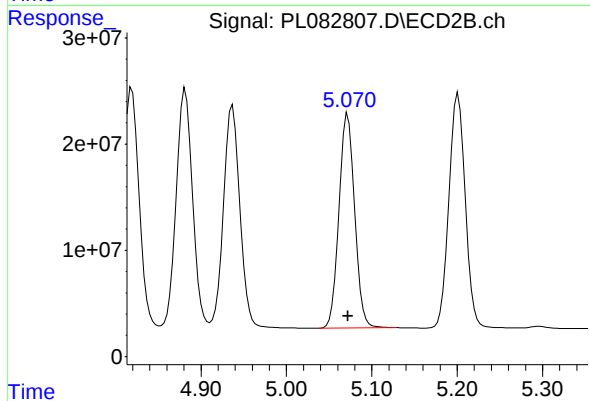
#11 alpha-Chlordane

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 300157000
Conc: 98.55 ng/ml



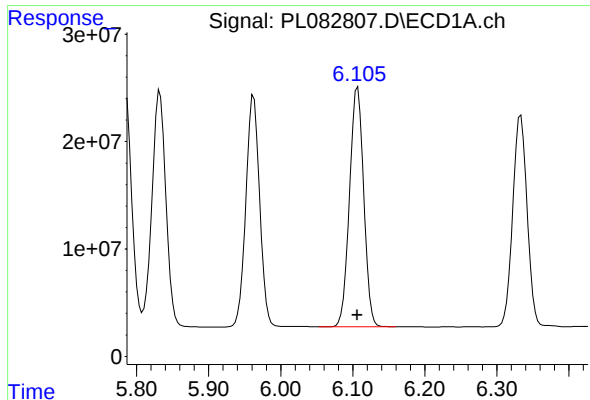
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 281024632
Conc: 99.62 ng/ml



#12 4,4'-DDE

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 256559499
Conc: 100.49 ng/ml



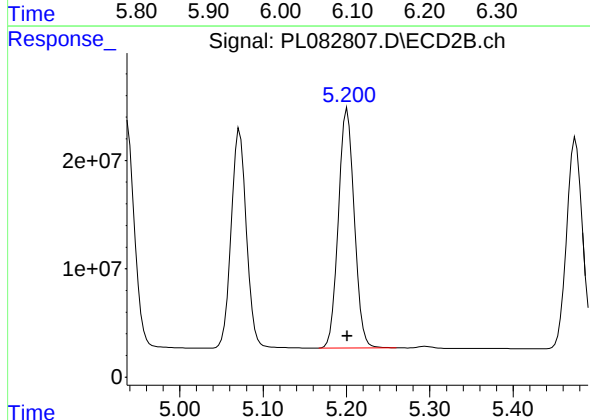
#13 Dieldrin

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 305449054
Conc: 99.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

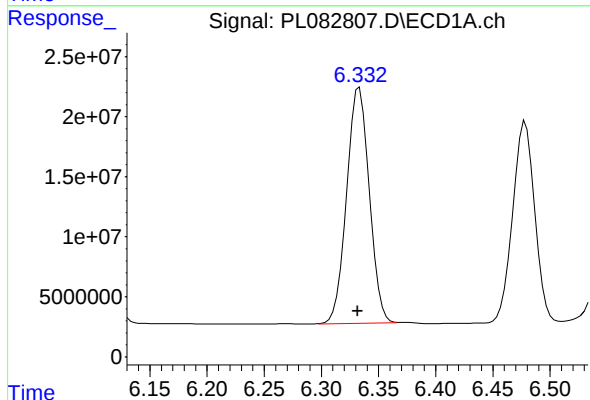
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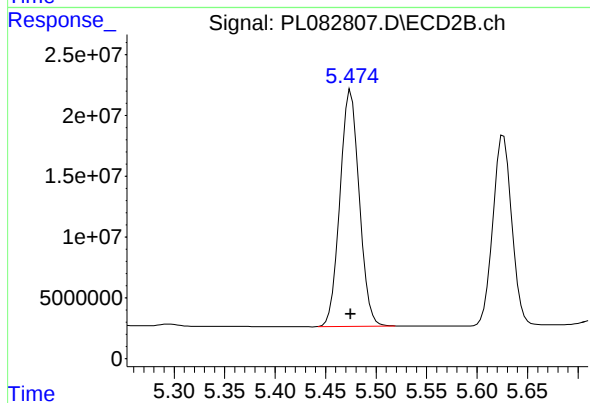
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 292172633
Conc: 99.78 ng/ml



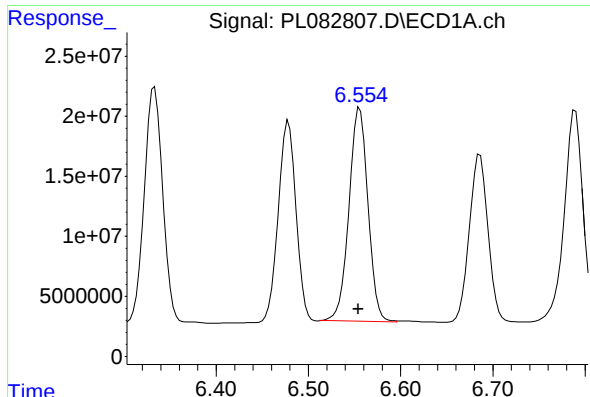
#14 Endrin

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 272087682
Conc: 99.73 ng/ml m



#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 258982082
Conc: 99.40 ng/ml



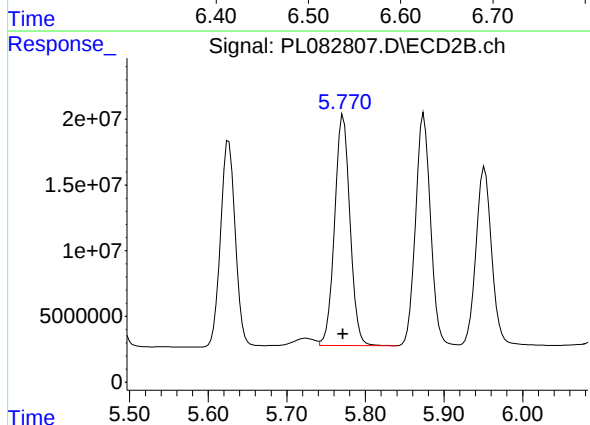
#15 Endosulfan II

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 253836374
Conc: 96.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

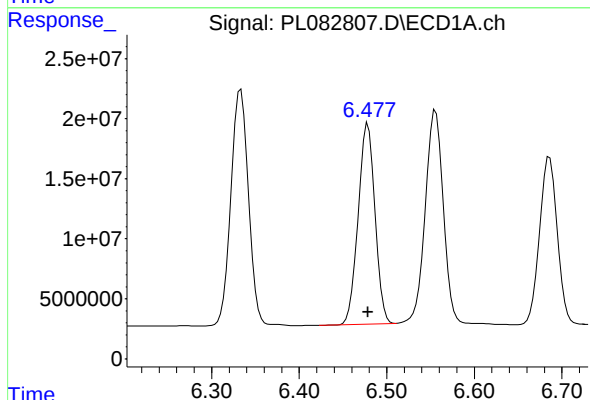
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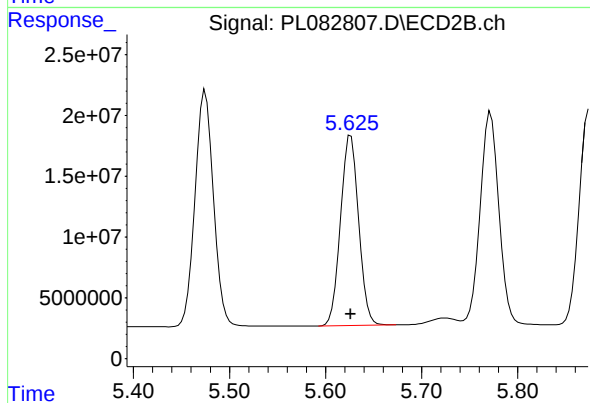
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 238493872
Conc: 98.18 ng/ml



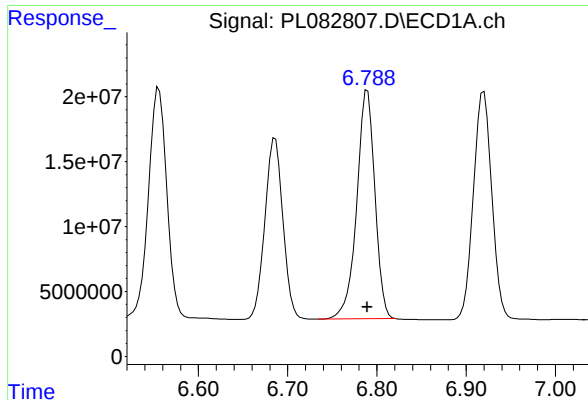
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 223589268
Conc: 99.89 ng/ml



#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 202973309
Conc: 100.41 ng/ml



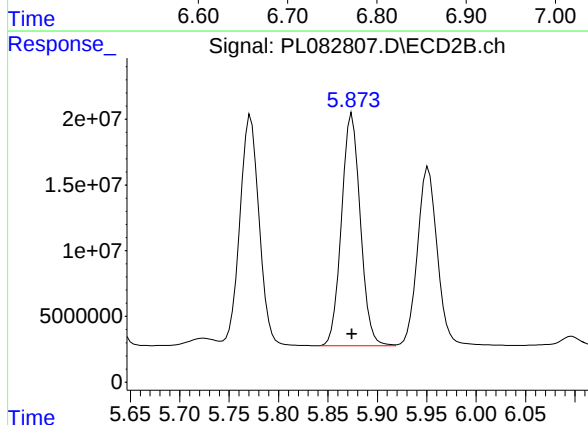
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 248305066
Conc: 98.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

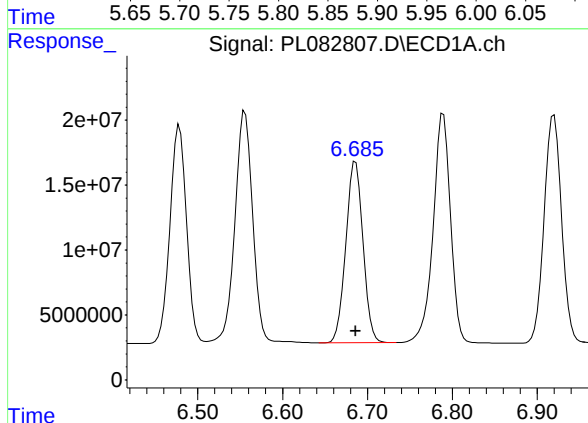
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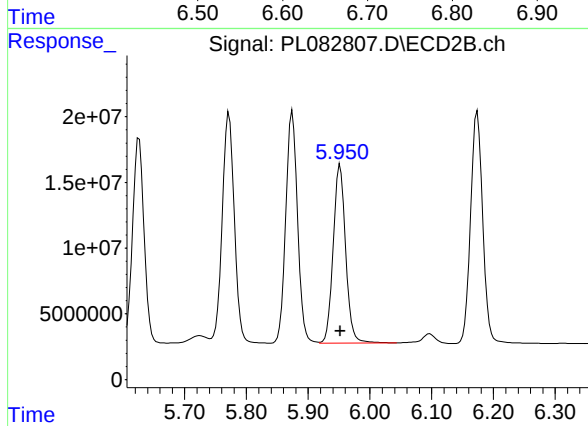
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 233469837
Conc: 100.21 ng/ml



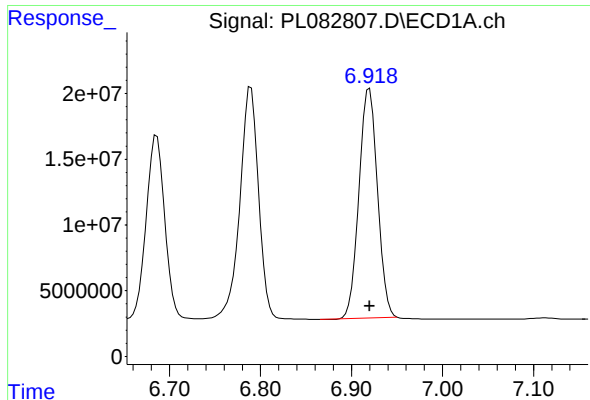
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 196051145
Conc: 98.14 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 189282898
Conc: 97.49 ng/ml



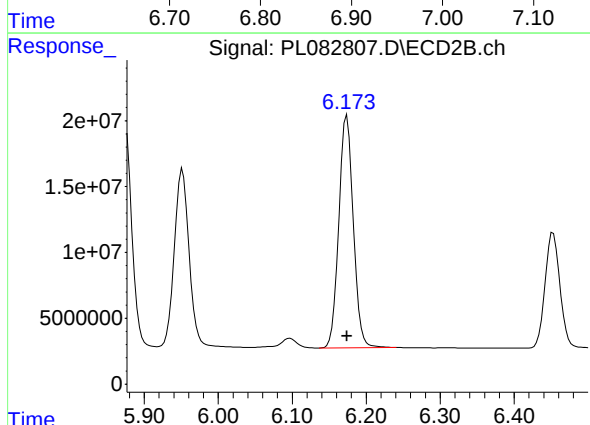
#19 Endosulfan Sulfate

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 247578757
Conc: 97.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

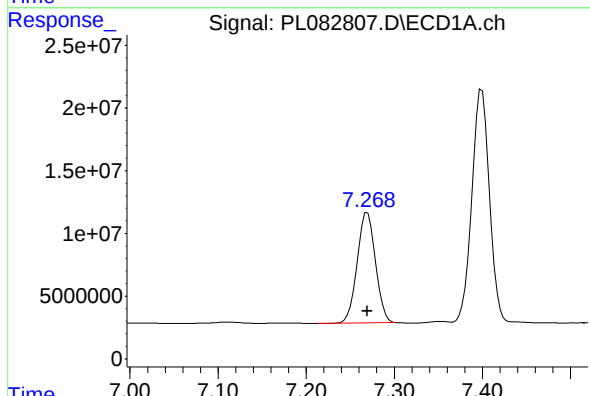
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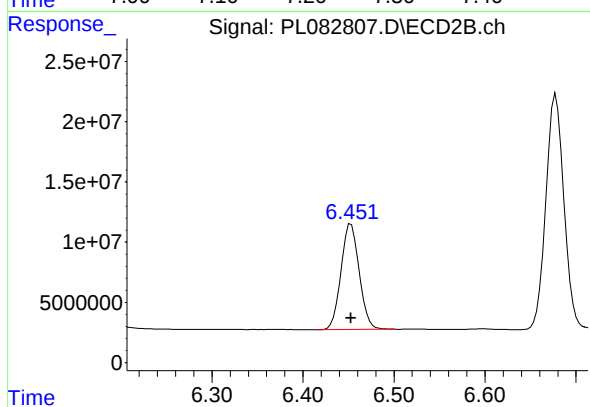
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 239358080
Conc: 97.87 ng/ml



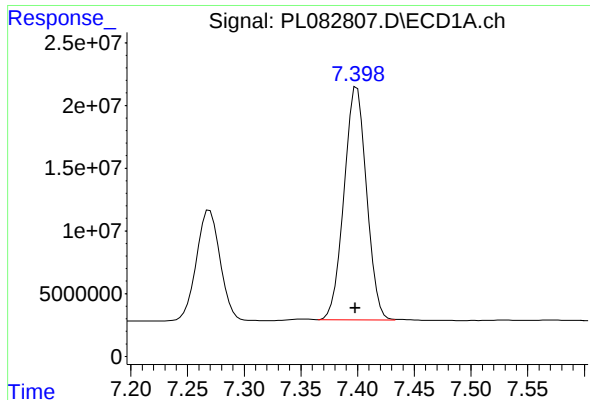
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 126551733
Conc: 97.36 ng/ml



#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 122166414
Conc: 97.01 ng/ml



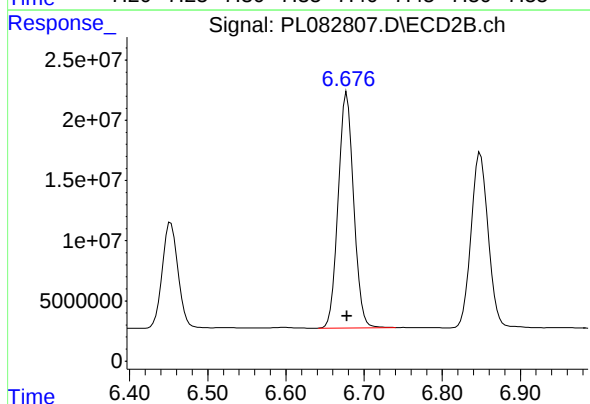
#21 Endrin ketone

R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 256301584
Conc: 99.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

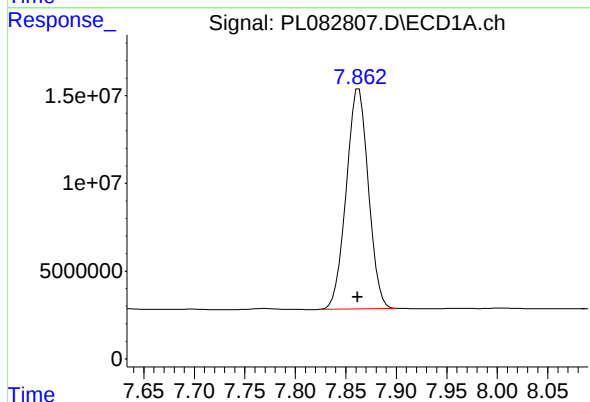
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/22/2023
Supervised By :Ankita Jodhani 05/22/2023



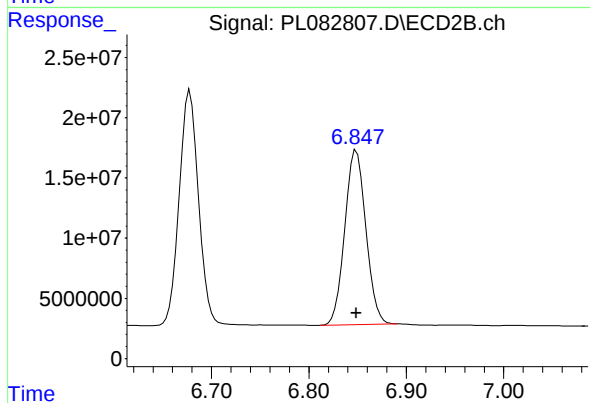
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 268892666
Conc: 98.47 ng/ml



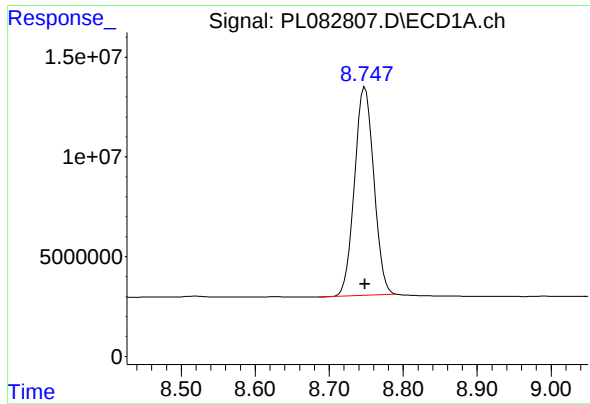
#22 Mirex

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 191779710
Conc: 95.99 ng/ml m



#22 Mirex

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 218356276
Conc: 96.06 ng/ml



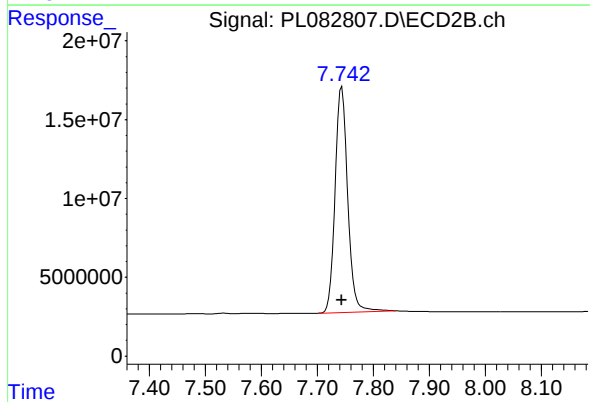
#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: 0.000 min
Response: 189556372
Conc: 95.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/22/2023



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 224461393
Conc: 95.70 ng/ml