

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101623\
 Data File : PL085953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2023 16:51
 Operator : AR\AJ
 Sample : 04882-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-218MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2023
 Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 22:17:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.356	2.622	55398110	17524594	18.626	18.761
28)	SA Decachlor...	8.859	7.768	37033287	33233838	17.003m	36.007m#
Target Compounds							
2)	A alpha-BHC	3.810	3.120	213.3E6	60292616	49.698	47.922
3)	MA gamma-BHC...	4.142	3.448	242.0E6	63026053	58.544	51.102
4)	MA Heptachlor	4.729	3.784	201.8E6	61715391	52.175	53.063
5)	MB Aldrin	5.069	4.061	202.3E6	60814271	52.178	54.383
6)	B beta-BHC	4.344	3.750	85409956	26494379	51.650	50.893
7)	B delta-BHC	4.588	3.975	210.9E6	58937468	54.991	51.296
8)	B Heptachlo...	5.498	4.567	183.2E6	61173952	53.113m	60.906
9)	A Endosulfan I	5.883	4.933	161.6E6	49052817	49.961	45.727m
10)	B gamma-Chl...	5.757	4.818	284.1E6	85584234	83.043	86.415
11)	B alpha-Chl...	5.837	4.882	349.7E6	96787780	102.329	88.737
12)	B 4,4'-DDE	6.020	5.081	160.9E6	54996344	57.521	66.976
13)	MA Dieldrin	6.160	5.200	222.6E6	78088416	67.752	80.485
14)	MA Endrin	6.389	5.474	133.5E6	51724937	46.856	57.536
15)	B Endosulfa...	6.611	5.772	140.5E6	58279801	51.002	61.286
16)	A 4,4'-DDD	6.538	5.638	124.8E6	40814970	61.939	58.638
17)	MA 4,4'-DDT	6.853	5.888	172.1E6	64468372	73.000	81.528
18)	B Endrin al...	6.742	5.953	108.3E6	40744549	53.433	54.639
19)	B Endosulfa...	6.978	6.178	126.8E6	46861258	50.508	51.946
20)	A Methoxychlor	7.339	6.474	56847678	29767344	40.704	56.584 #
21)	B Endrin ke...	7.460	6.680	136.6E6	55373982	47.419	48.176
22)	Mirex	7.934	6.857	127.6E6	54532548	57.627	57.818

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101623\
Data File : PL085953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2023 16:51
Operator : AR\AJ
Sample : 04882-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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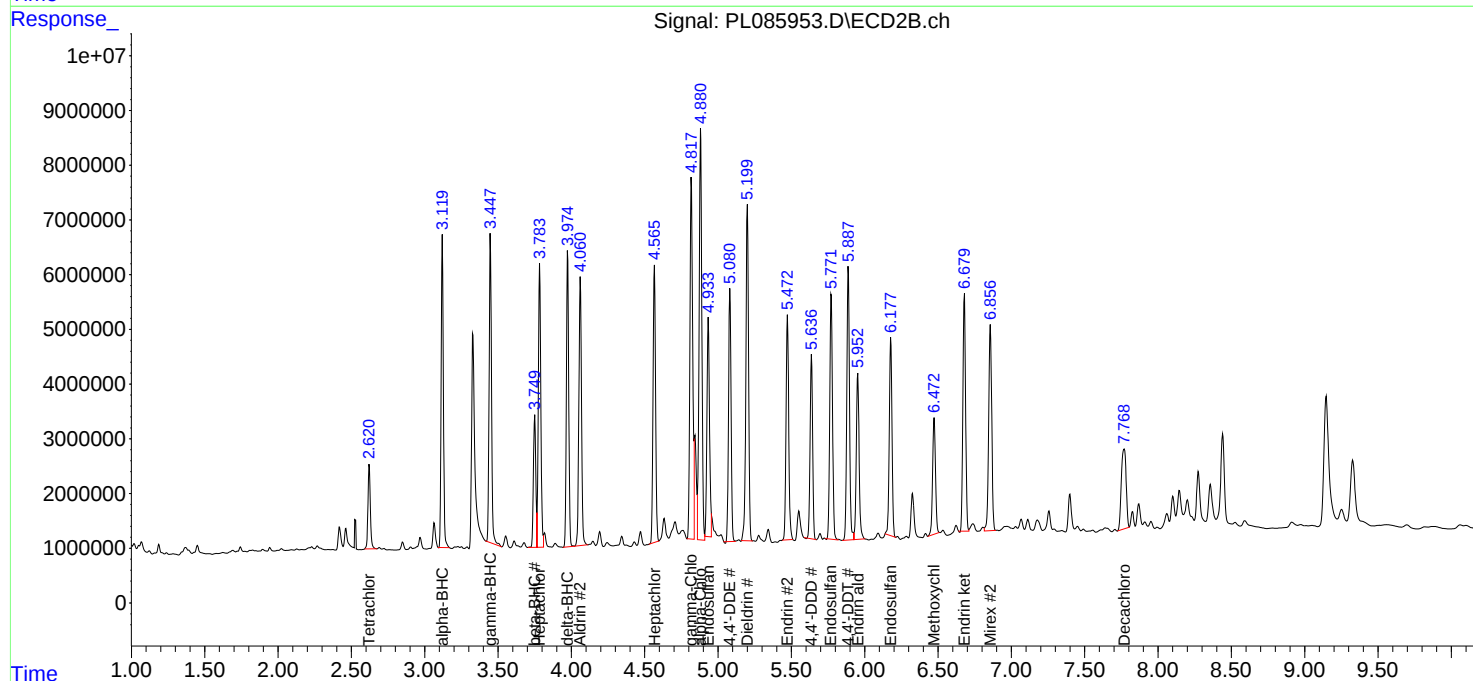
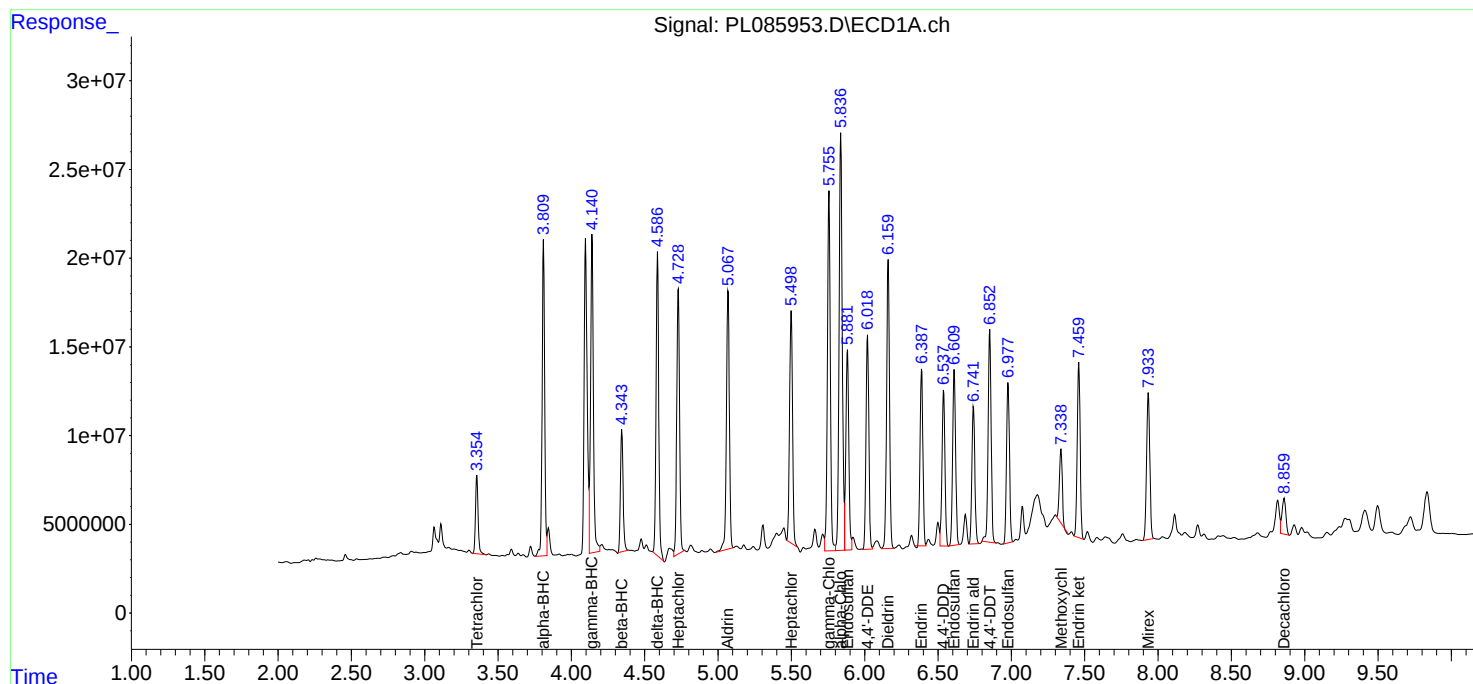
Manual Integrations

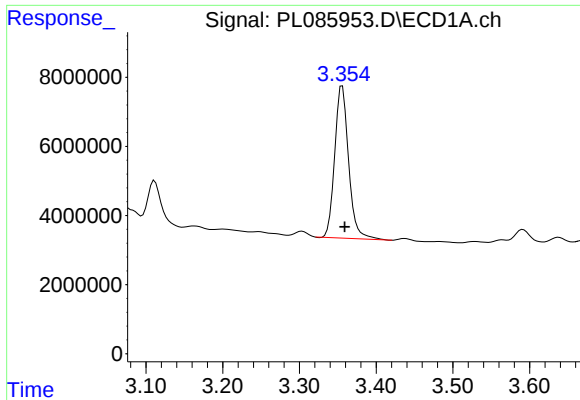
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Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 22:17:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
Response via : Initial Calibration
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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





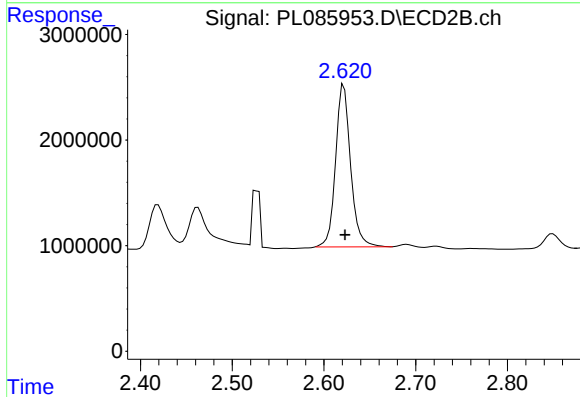
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 55398110
Conc: 18.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

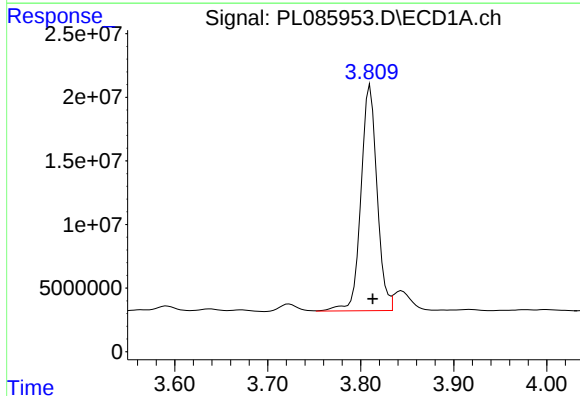
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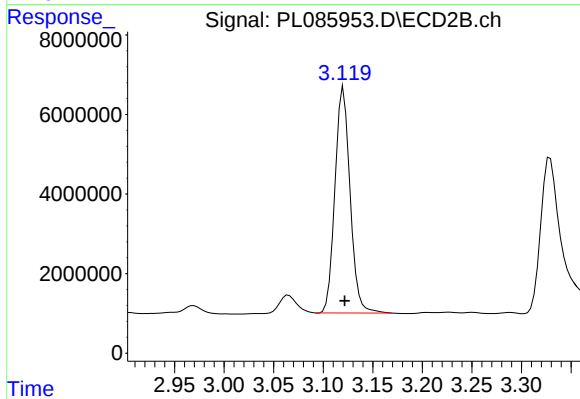
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 17524594
Conc: 18.76 ng/ml



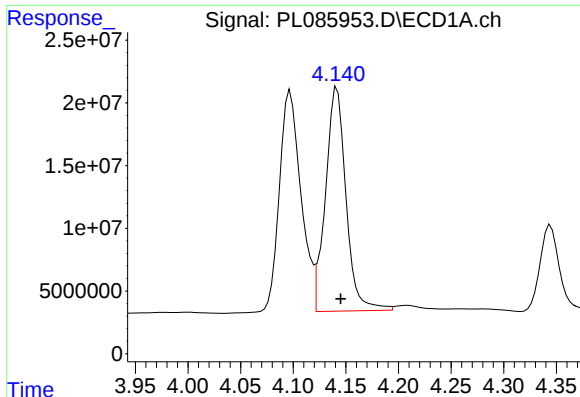
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 213300287
Conc: 49.70 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.001 min
Response: 60292616
Conc: 47.92 ng/ml



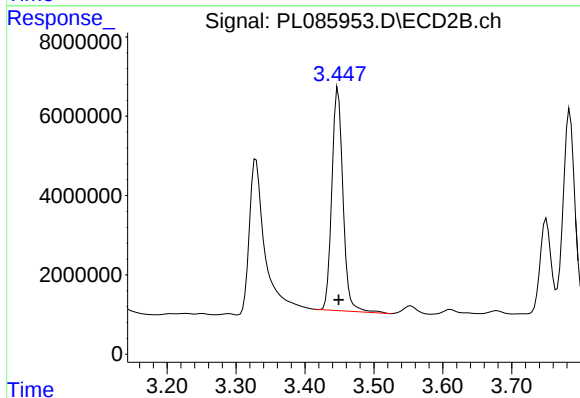
#3 gamma-BHC (Lindane)

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 241980254
Conc: 58.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

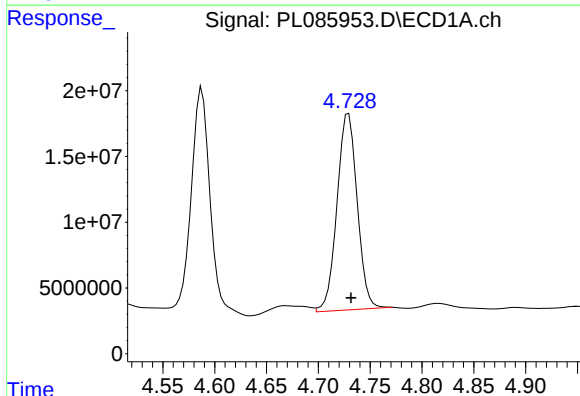
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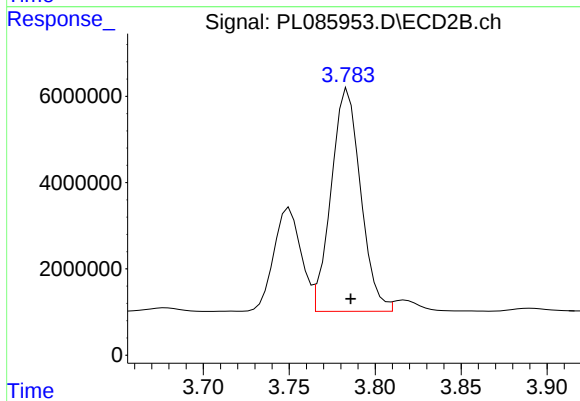
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: -0.001 min
Response: 63026053
Conc: 51.10 ng/ml



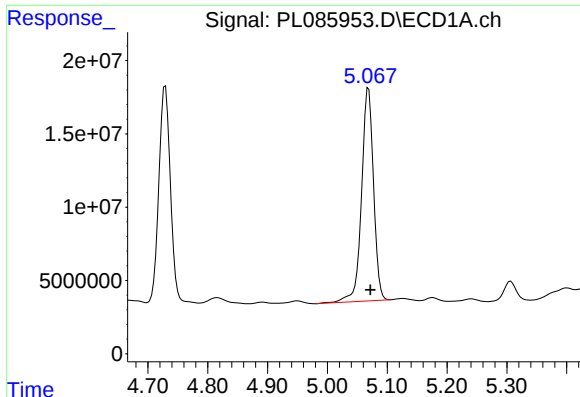
#4 Heptachlor

R.T.: 4.729 min
Delta R.T.: -0.002 min
Response: 201791464
Conc: 52.17 ng/ml



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 61715391
Conc: 53.06 ng/ml



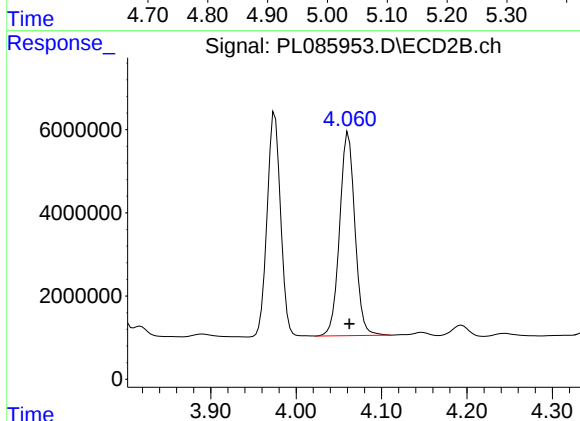
#5 Aldrin

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 202260658
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

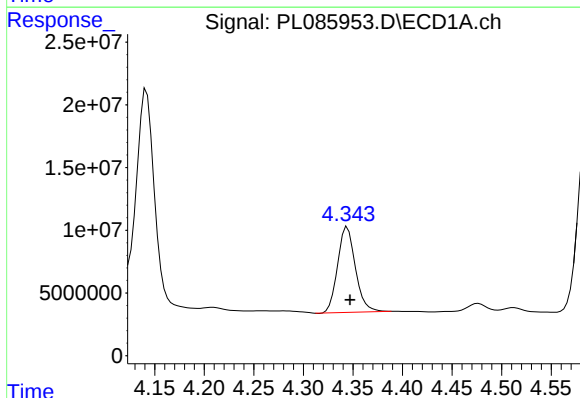
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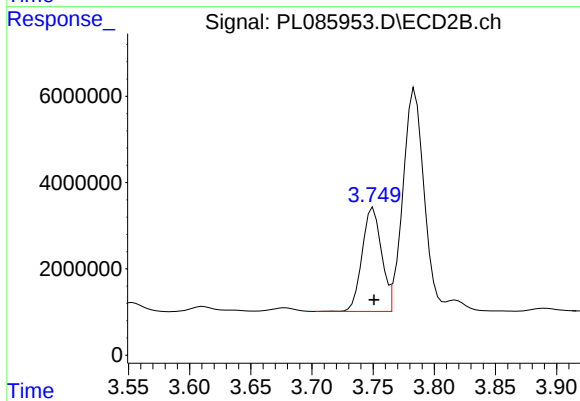
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.001 min
Response: 60814271
Conc: 54.38 ng/ml



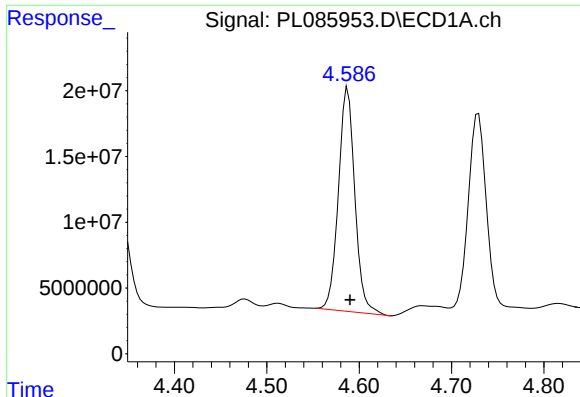
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 85409956
Conc: 51.65 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 26494379
Conc: 50.89 ng/ml



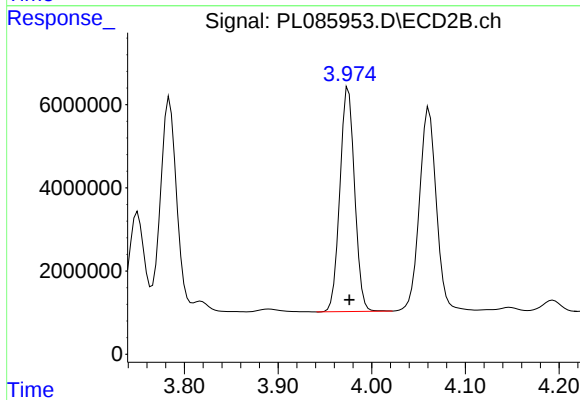
#7 delta-BHC

R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 210858756
Conc: 54.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

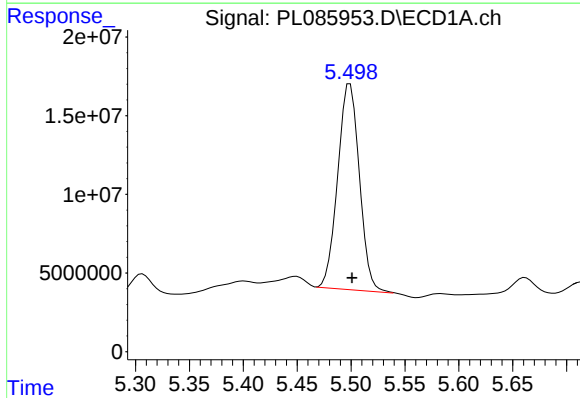
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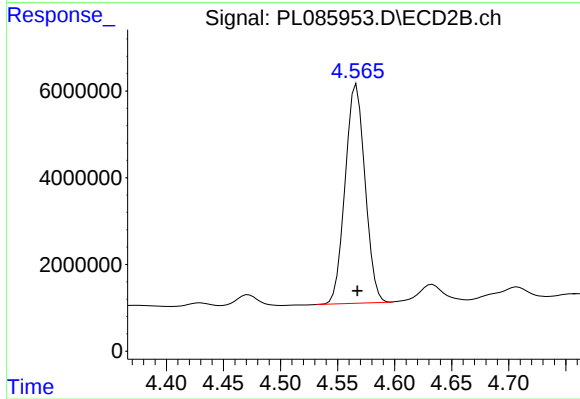
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 58937468
Conc: 51.30 ng/ml



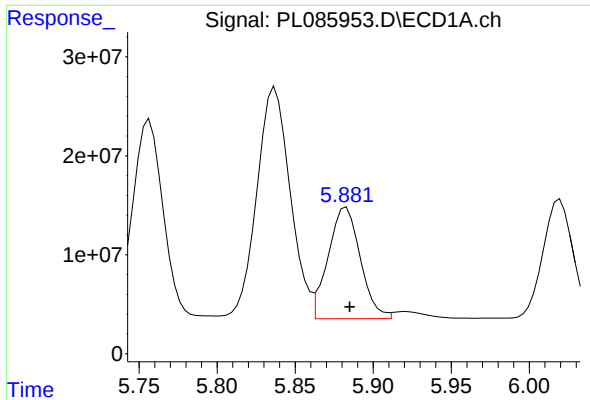
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 183228993
Conc: 53.11 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 61173952
Conc: 60.91 ng/ml



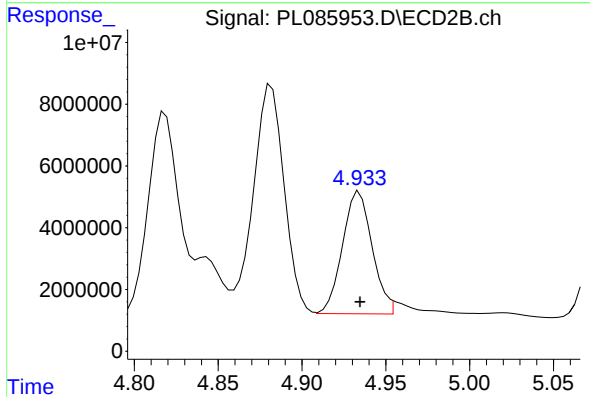
#9 Endosulfan I

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 161573895
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

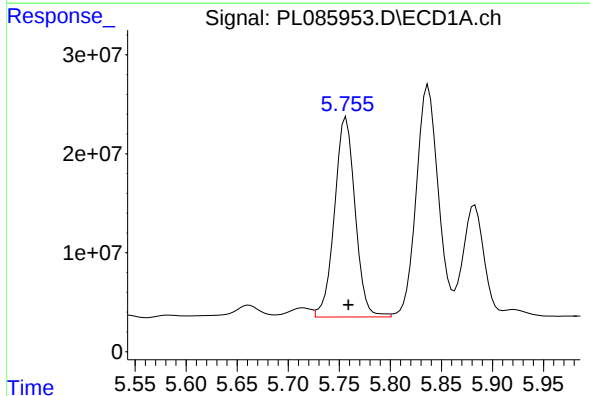
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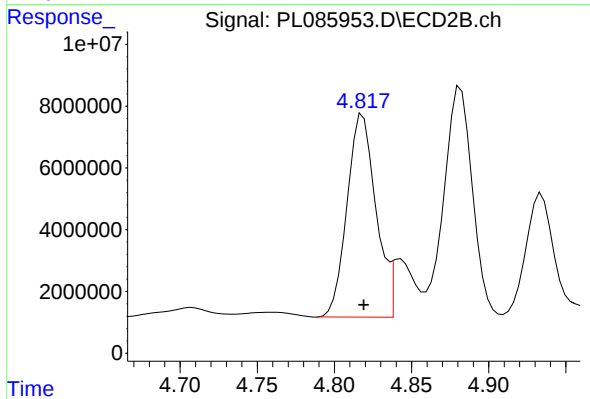
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 49052817
Conc: 45.73 ng/ml m



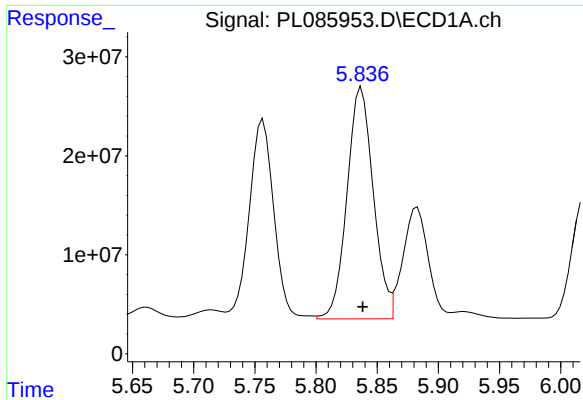
#10 gamma-Chlordane

R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 284125247
Conc: 83.04 ng/ml



#10 gamma-Chlordane

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 85584234
Conc: 86.42 ng/ml



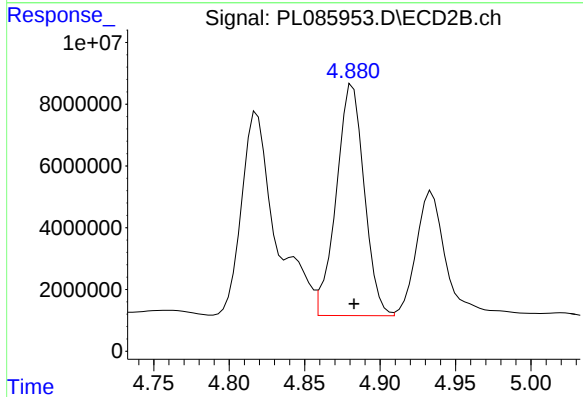
#11 alpha-Chlordane

R.T.: 5.837 min
Delta R.T.: -0.001 min
Response: 349726038
Conc: 102.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

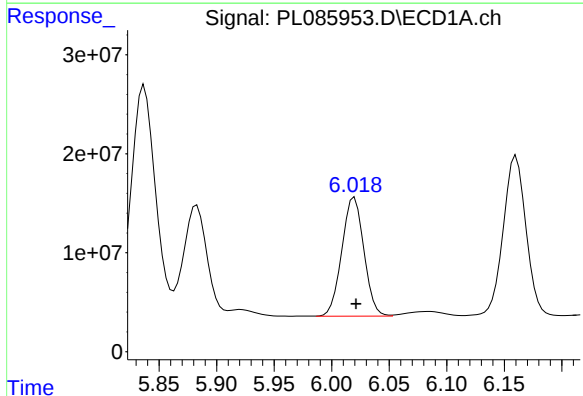
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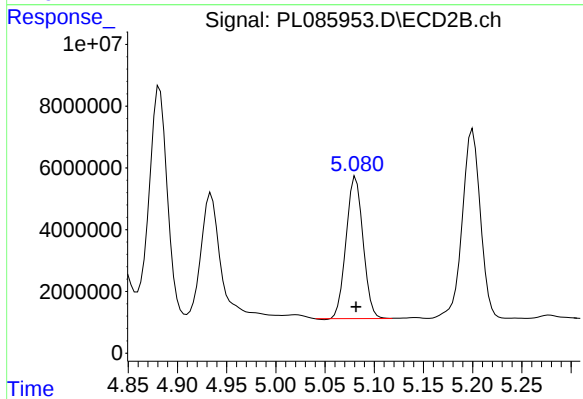
#11 alpha-Chlordane

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 96787780
Conc: 88.74 ng/ml



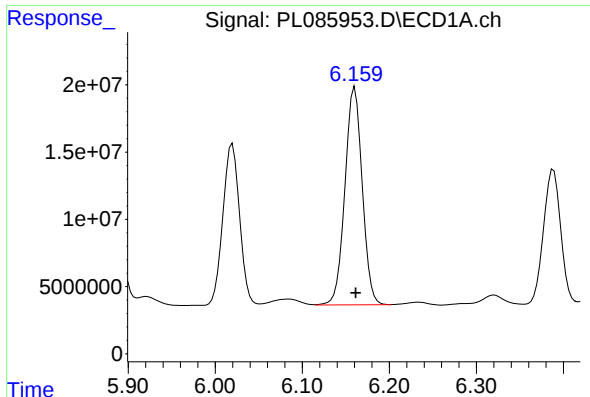
#12 4,4'-DDE

R.T.: 6.020 min
Delta R.T.: -0.001 min
Response: 160860839
Conc: 57.52 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 54996344
Conc: 66.98 ng/ml



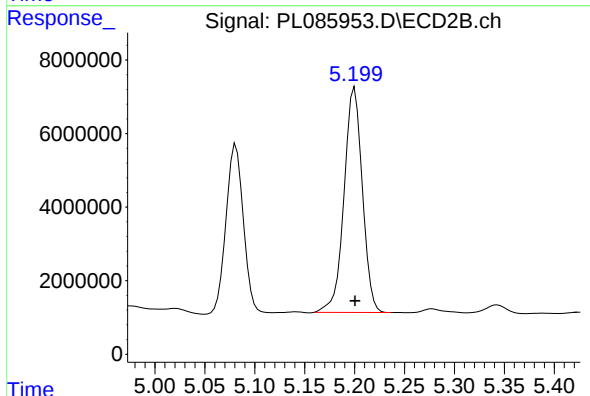
#13 Dieldrin

R.T.: 6.160 min
Delta R.T.: -0.001 min
Response: 222633274
Conc: 67.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

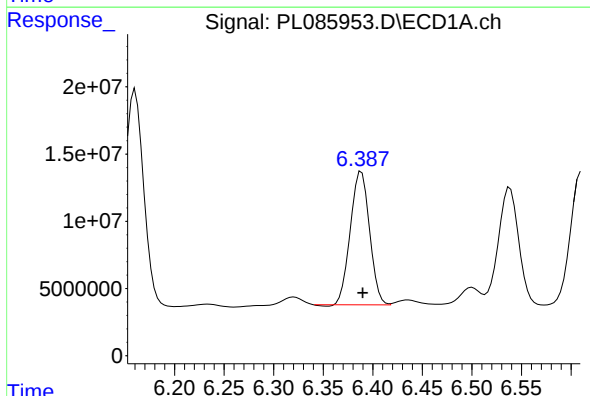
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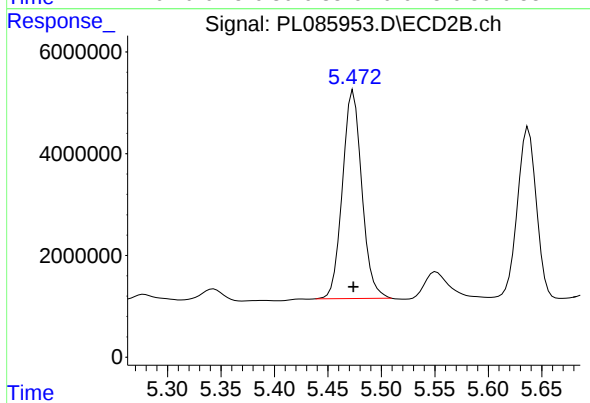
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 78088416
Conc: 80.49 ng/ml



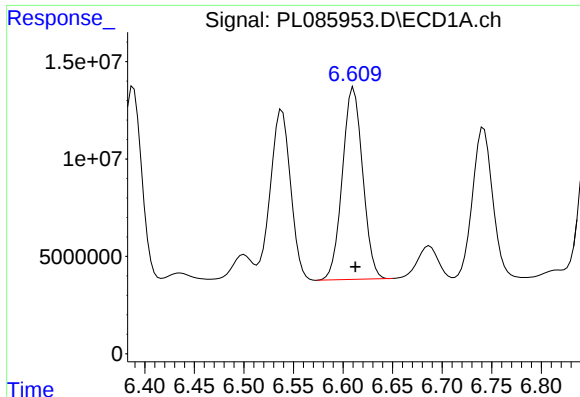
#14 Endrin

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 133528346
Conc: 46.86 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 51724937
Conc: 57.54 ng/ml



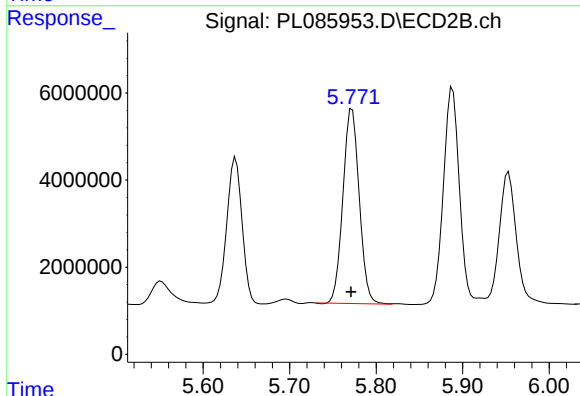
#15 Endosulfan II

R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 140535121
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

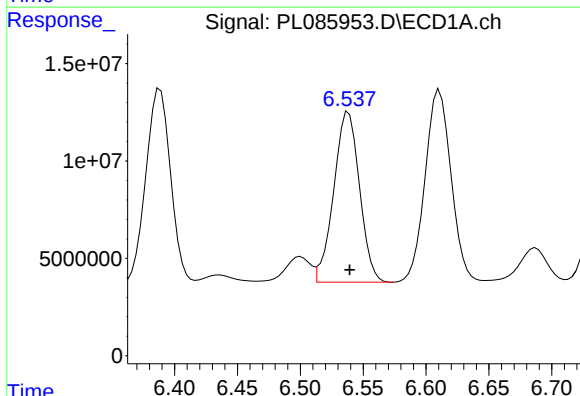
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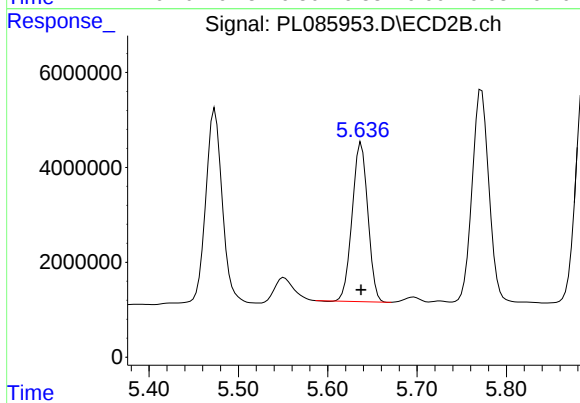
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 58279801
Conc: 61.29 ng/ml



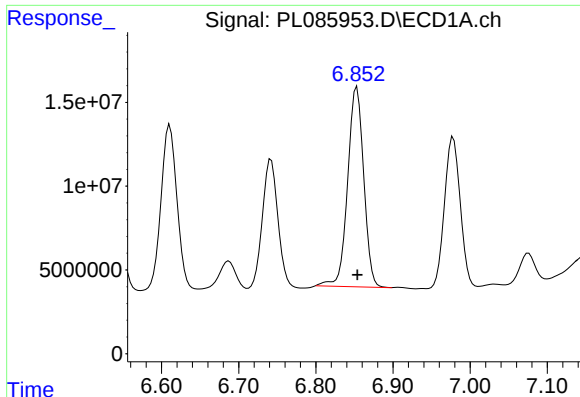
#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 124786280
Conc: 61.94 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 40814970
Conc: 58.64 ng/ml



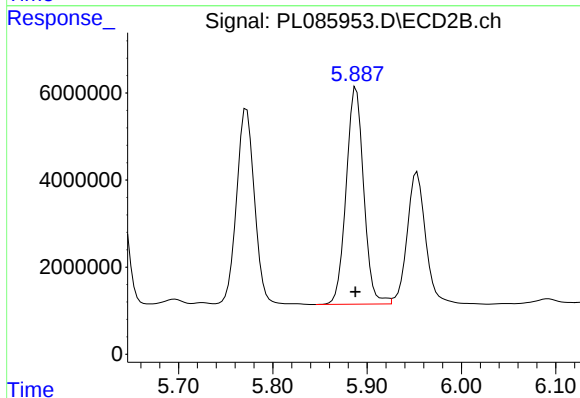
#17 4,4'-DDT

R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 172068592
Conc: 73.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

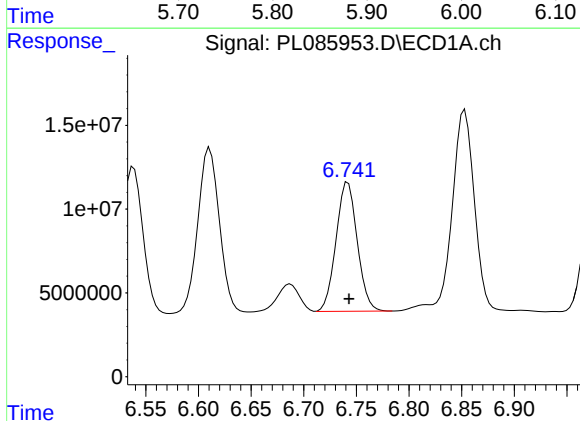
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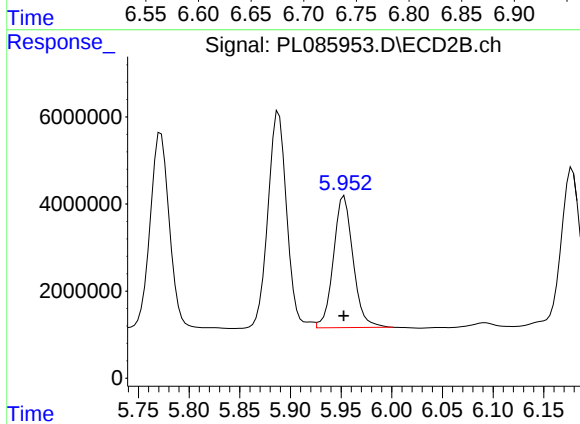
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 64468372
Conc: 81.53 ng/ml



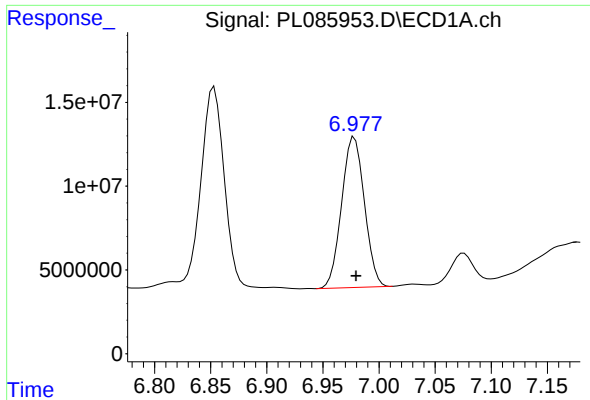
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 108297020
Conc: 53.43 ng/ml



#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 40744549
Conc: 54.64 ng/ml



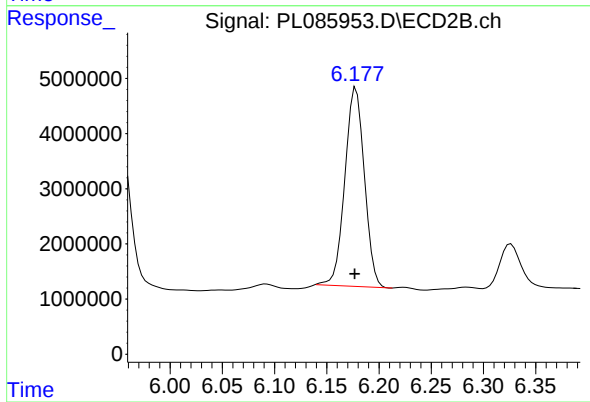
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 126761995
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

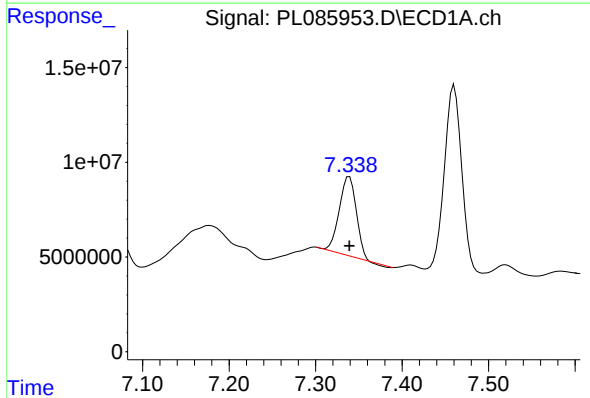
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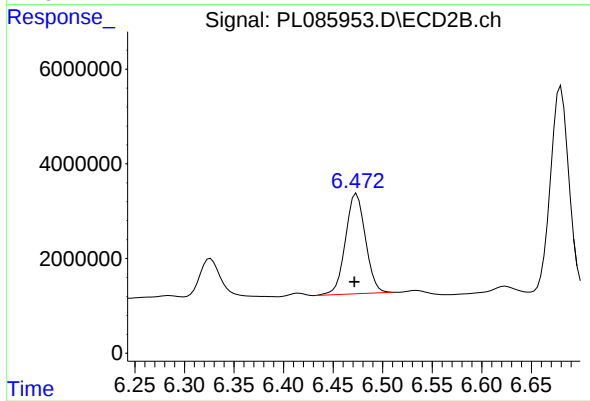
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 46861258
Conc: 51.95 ng/ml



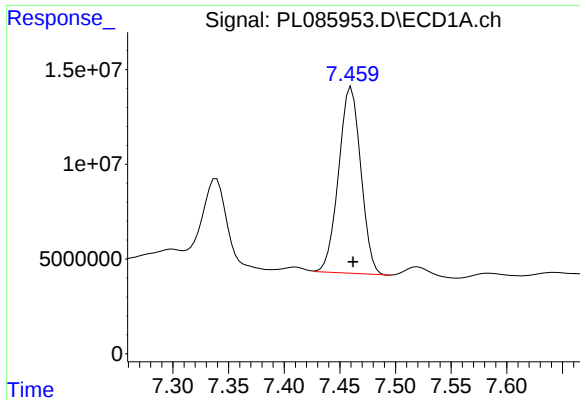
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 56847678
Conc: 40.70 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 29767344
Conc: 56.58 ng/ml



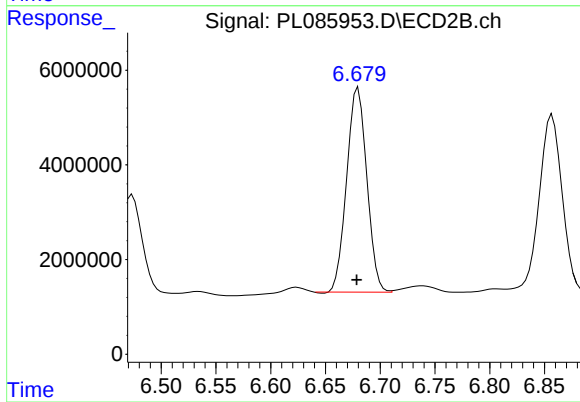
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 136580238
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

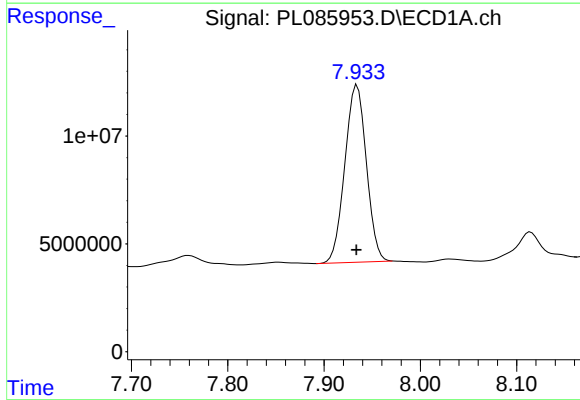
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2023
Supervised By :Ankita Jodhani 10/17/2023



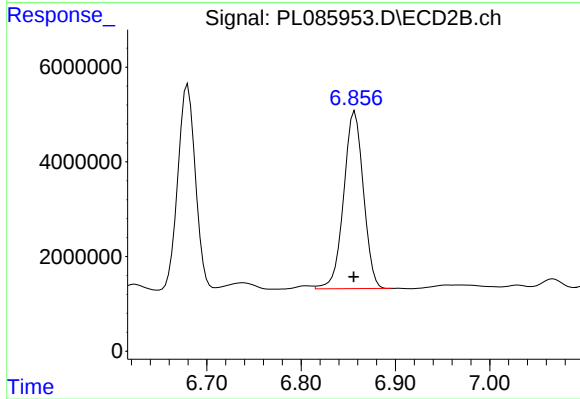
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 55373982
Conc: 48.18 ng/ml



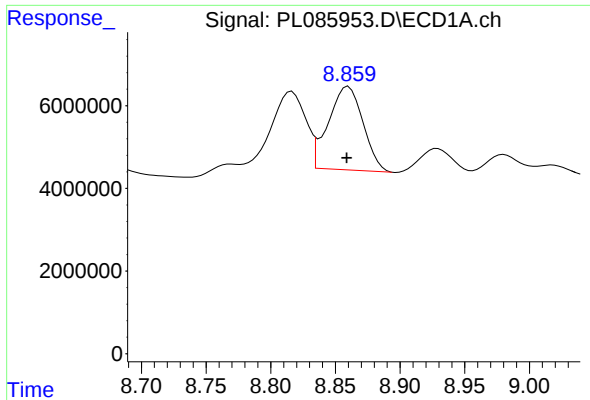
#22 Mirex

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 127584755
Conc: 57.63 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: 0.001 min
Response: 54532548
Conc: 57.82 ng/ml



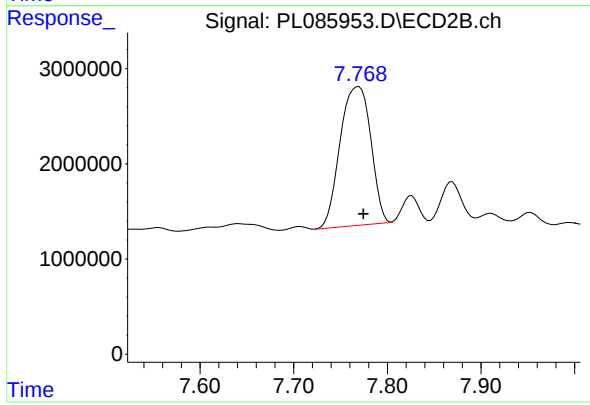
#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 37033287
Conc: 17.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-218MSD

Manual Integrations
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Supervised By :Ankita Jodhani 10/17/2023



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 33233838
Conc: 36.01 ng/ml m