

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101223\
 Data File : PL085889.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2023 18:14
 Operator : AR\AJ
 Sample : PB156349BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB156349BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/13/2023
 Supervised By :Ankita Jodhani 10/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 21:17:32 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	2.623	48865047	15013467	16.430	16.072
28)	SA Decachlor...	8.859	7.775	45829994	20825713	21.042	22.563
Target Compounds							
2)	A alpha-BHC	3.809	3.121	203.4E6	59762203	47.393m	47.501
3)	MA gamma-BHC...	4.142	3.448	190.6E6	58116260	46.110	47.121
4)	MA Heptachlor	4.729	3.784	202.6E6	61026984	52.396	52.471
5)	MB Aldrin	5.069	4.061	184.1E6	56265432	47.490	50.315
6)	B beta-BHC	4.345	3.750	83041734	26549202	50.218	50.999
7)	B delta-BHC	4.588	3.975	192.2E6	57223621	50.130	49.804
8)	B Heptachlo...	5.499	4.566	168.6E6	54274609	48.883	54.037
9)	A Endosulfan I	5.883	4.933	162.6E6	51538449	50.289	48.044
10)	B gamma-Chl...	5.755	4.817	170.8E6	56731761	49.911m	57.283
11)	B alpha-Chl...	5.835	4.881	172.4E6	56422014	50.456	51.729
12)	B 4,4'-DDE	6.020	5.080	150.6E6	49206702	53.862	59.925
13)	MA Dieldrin	6.159	5.199	157.8E6	52884835	48.014	54.508
14)	MA Endrin	6.388	5.473	140.9E6	50239811	49.453	55.884
15)	B Endosulfa...	6.611	5.770	131.7E6	47093250	47.805	49.523
16)	A 4,4'-DDD	6.538	5.636	118.3E6	42299213	58.716	60.771
17)	MA 4,4'-DDT	6.853	5.887	129.3E6	46533583	54.842	58.847
18)	B Endrin al...	6.741	5.952	105.4E6	39228424	52.027	52.606
19)	B Endosulfa...	6.978	6.176	133.6E6	49433624	53.240	54.797
20)	A Methoxychlor	7.339	6.472	69363082	27897071	49.665	53.028
21)	B Endrin ke...	7.460	6.678	135.2E6	57674604	46.945	50.177
22)	Mirex	7.933	6.855	108.4E6	49977304	48.957	52.989

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

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Acq On : 12 Oct 2023 18:14
Operator : AR\AJ
Sample : PB156349BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB156349BS

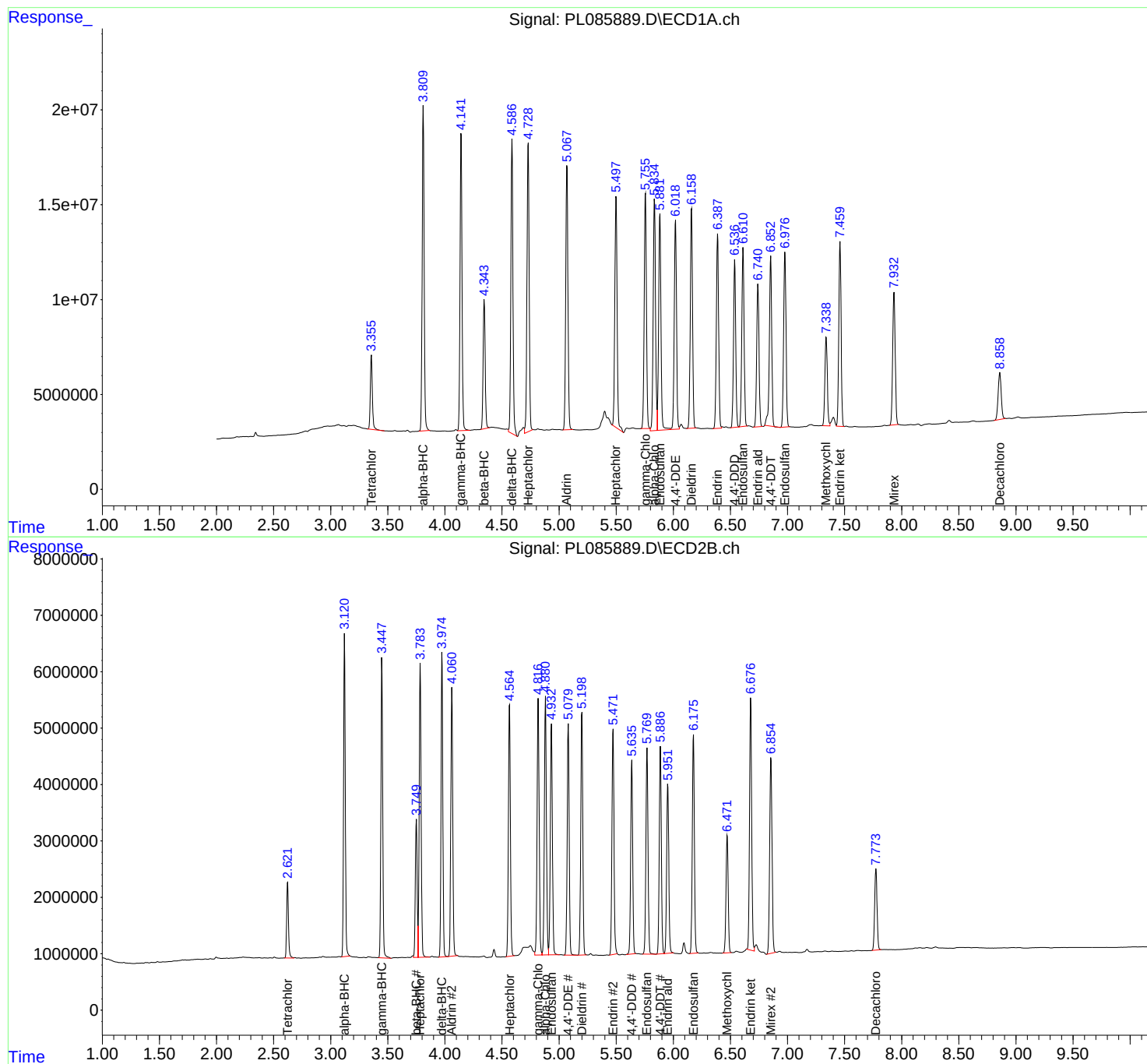
Manual Integrations

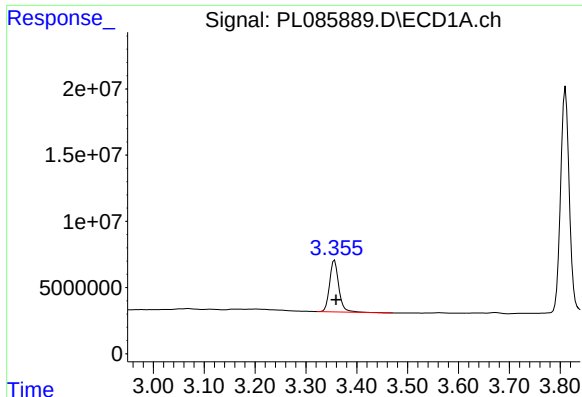
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Supervised By : Ankita Jodhani 10/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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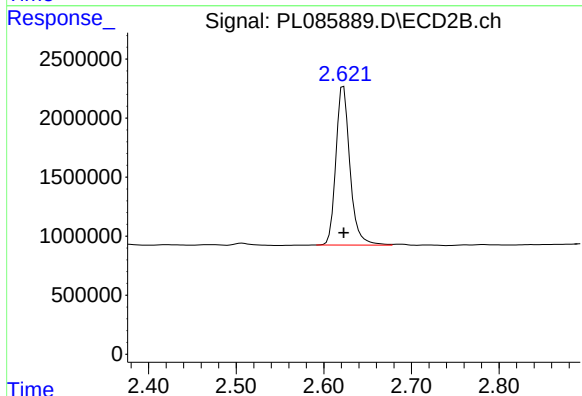
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 48865047
Conc: 16.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

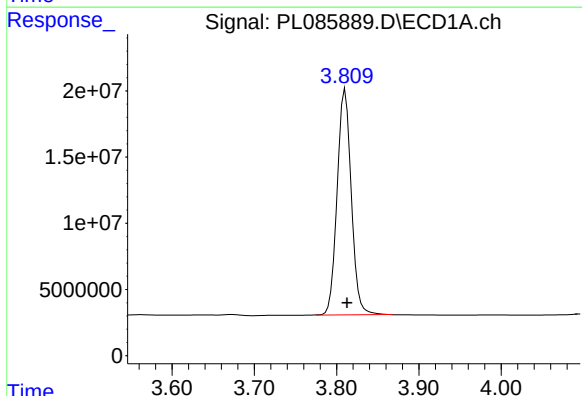
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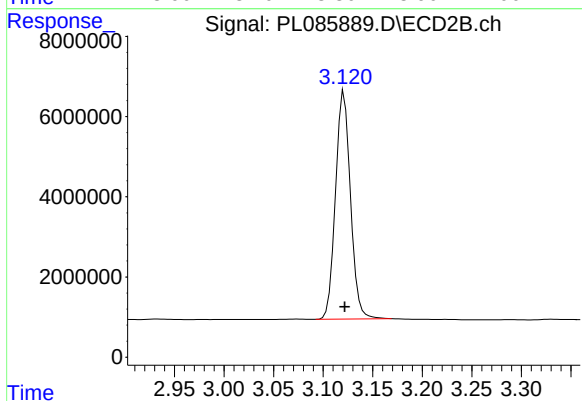
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 15013467
Conc: 16.07 ng/ml



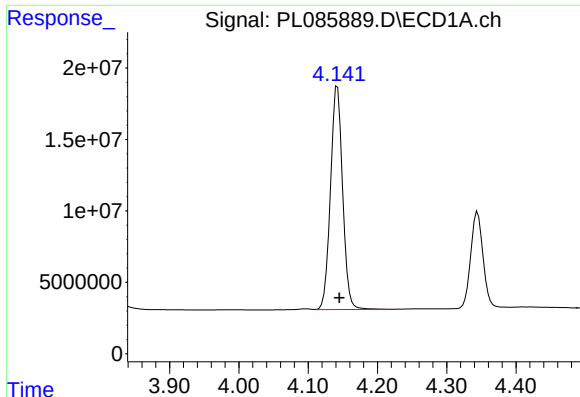
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 203407045
Conc: 47.39 ng/ml m



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 59762203
Conc: 47.50 ng/ml



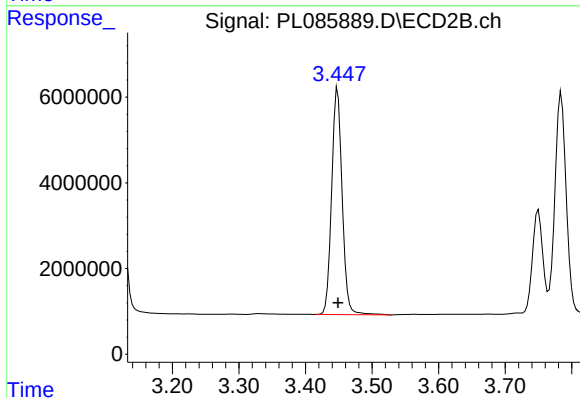
#3 gamma-BHC (Lindane)

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 190586790
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

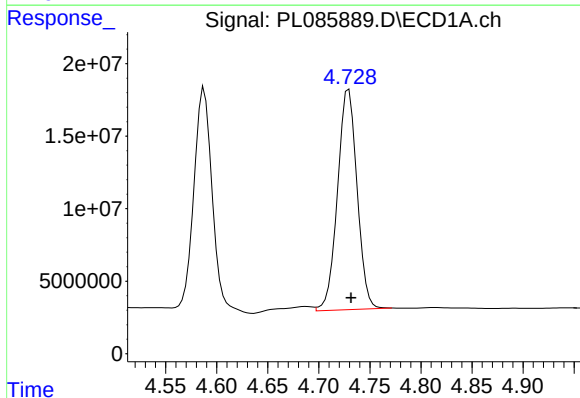
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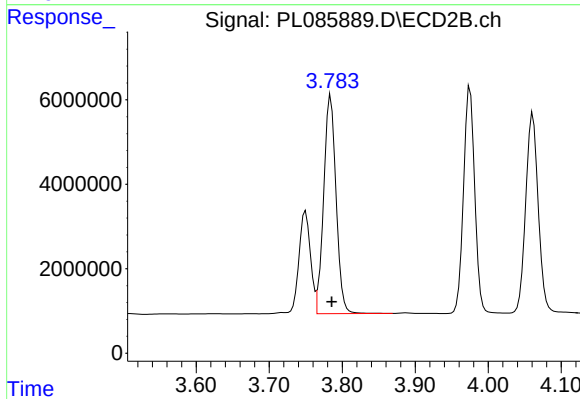
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 58116260
Conc: 47.12 ng/ml



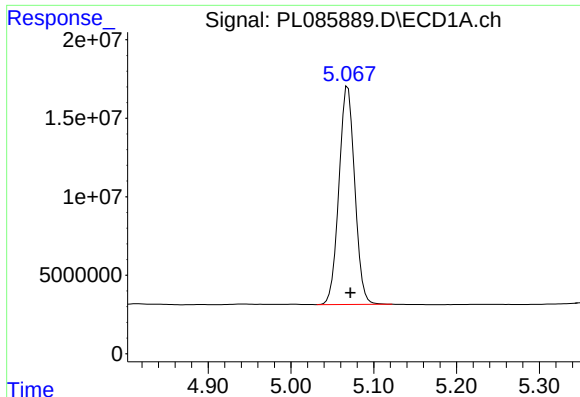
#4 Heptachlor

R.T.: 4.729 min
Delta R.T.: -0.002 min
Response: 202648640
Conc: 52.40 ng/ml



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.001 min
Response: 61026984
Conc: 52.47 ng/ml



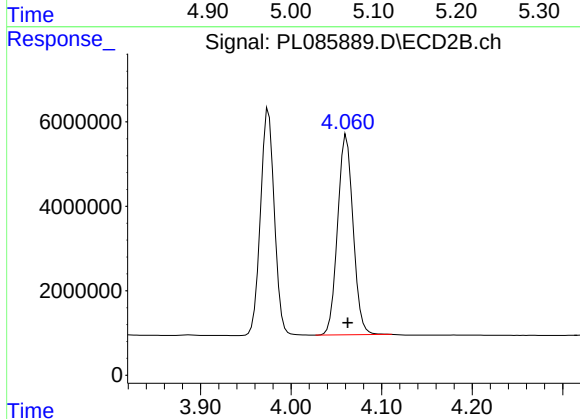
#5 Aldrin

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 184088496
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

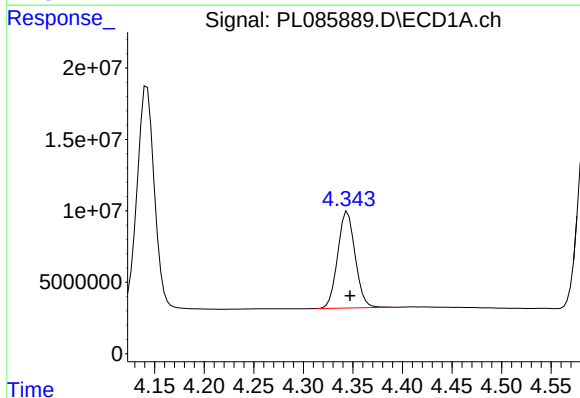
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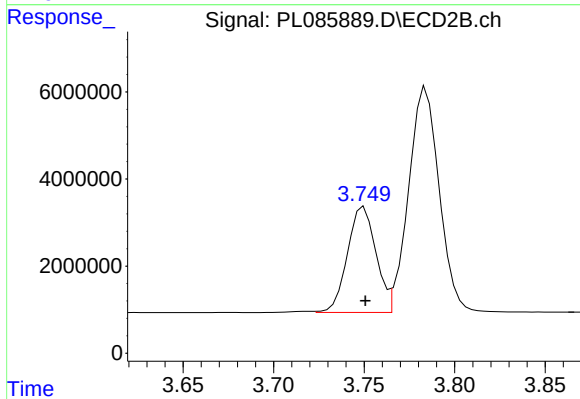
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.001 min
Response: 56265432
Conc: 50.31 ng/ml



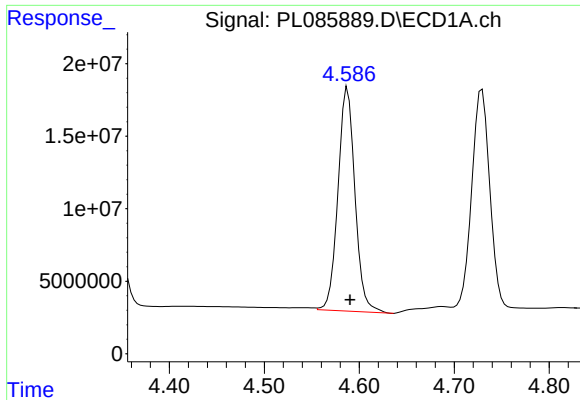
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.003 min
Response: 83041734
Conc: 50.22 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 26549202
Conc: 51.00 ng/ml



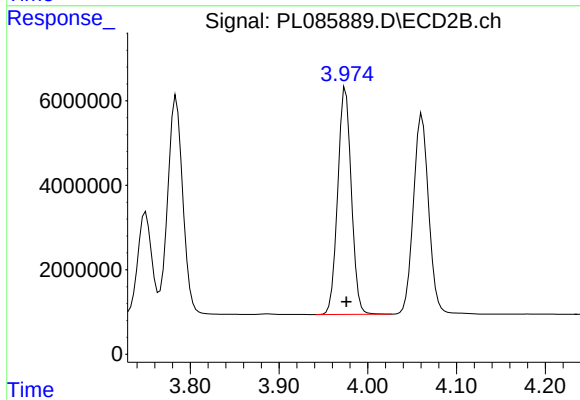
#7 delta-BHC

R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 192218070
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

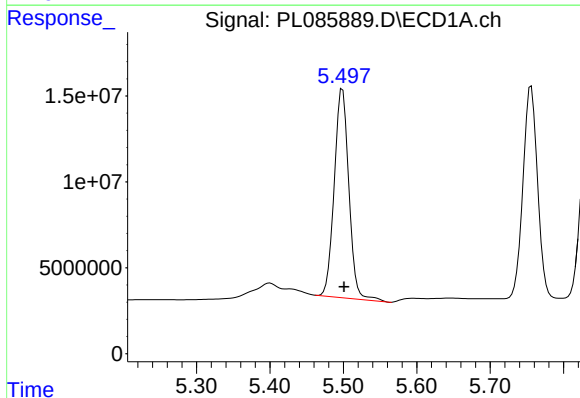
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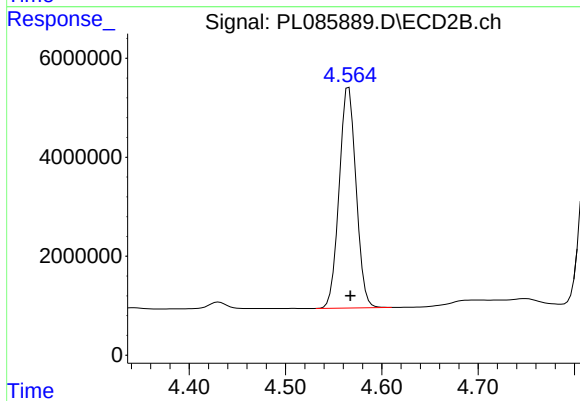
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 57223621
Conc: 49.80 ng/ml



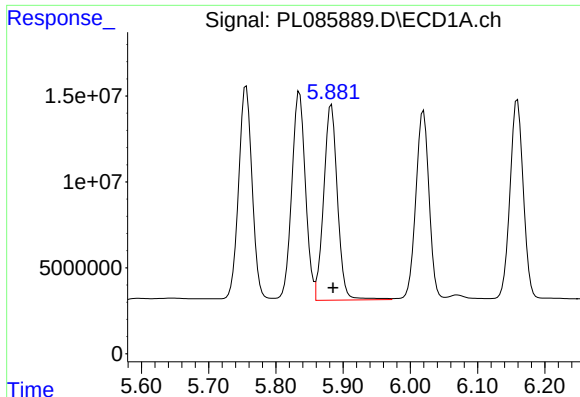
#8 Heptachlor epoxide

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 168637137
Conc: 48.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 54274609
Conc: 54.04 ng/ml



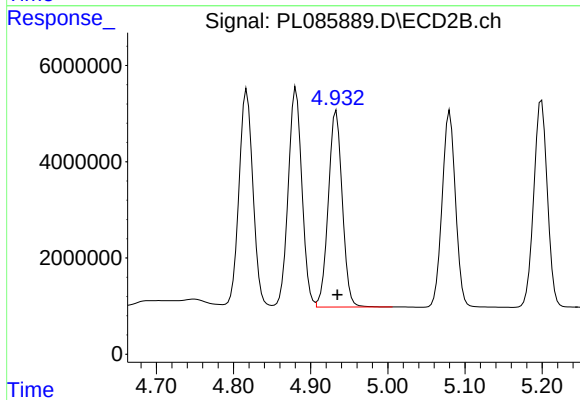
#9 Endosulfan I

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 162635345
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

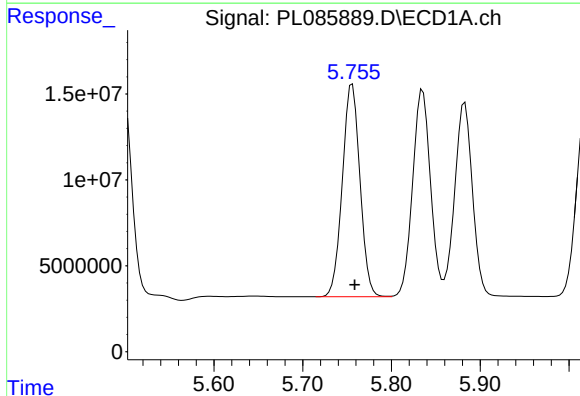
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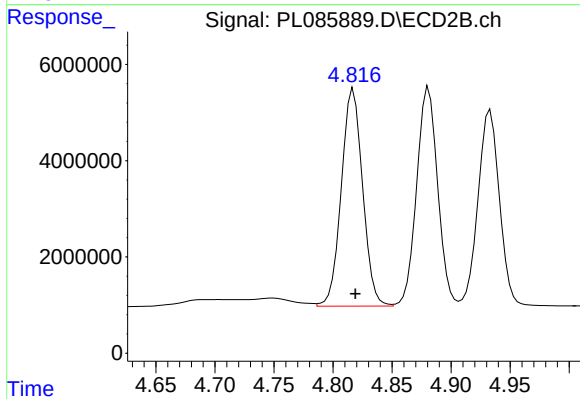
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 51538449
Conc: 48.04 ng/ml



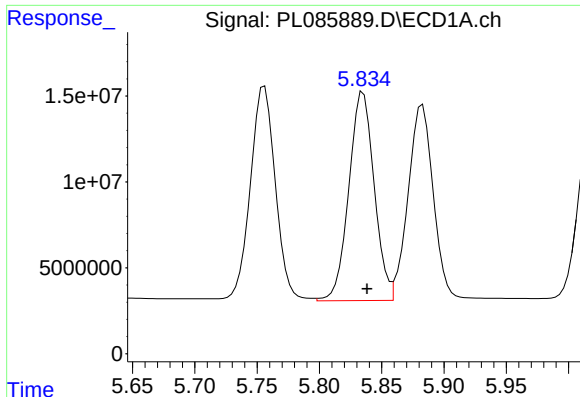
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 170767746
Conc: 49.91 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 56731761
Conc: 57.28 ng/ml



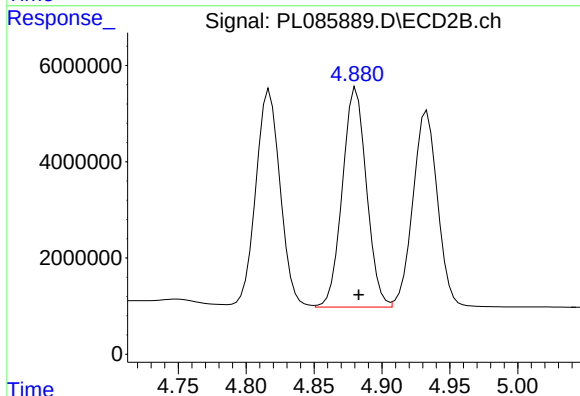
#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.003 min
Response: 172440325
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

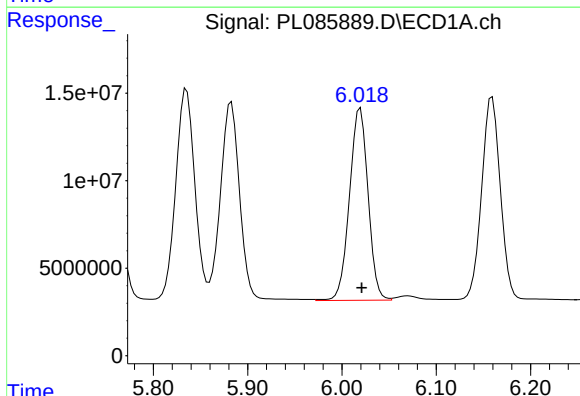
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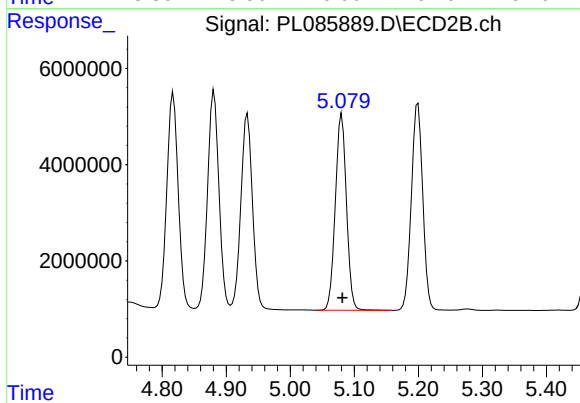
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 56422014
Conc: 51.73 ng/ml



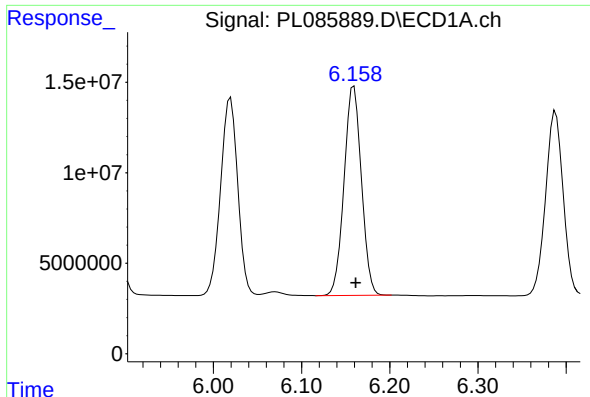
#12 4,4'-DDE

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 150628394
Conc: 53.86 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.001 min
Response: 49206702
Conc: 59.93 ng/ml



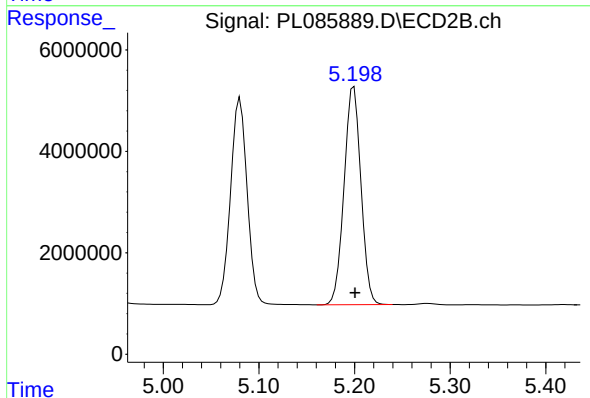
#13 Dieldrin

R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 157772484
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

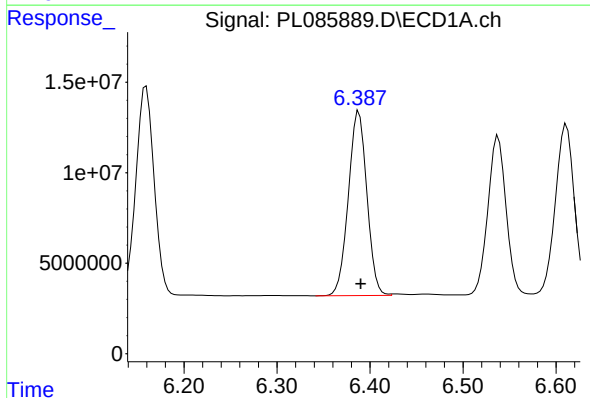
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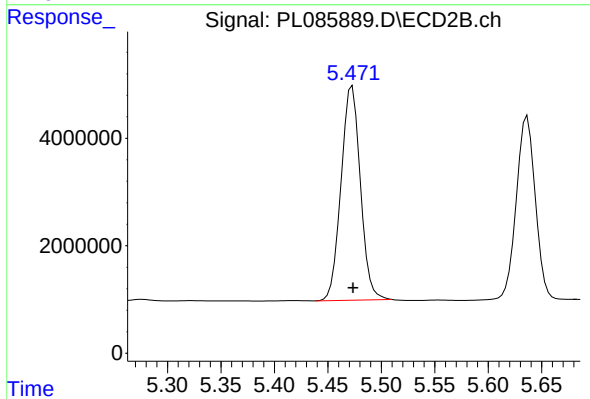
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 52884835
Conc: 54.51 ng/ml



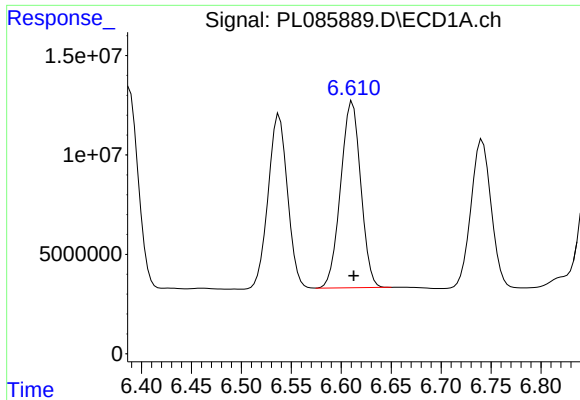
#14 Endrin

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 140930135
Conc: 49.45 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 50239811
Conc: 55.88 ng/ml



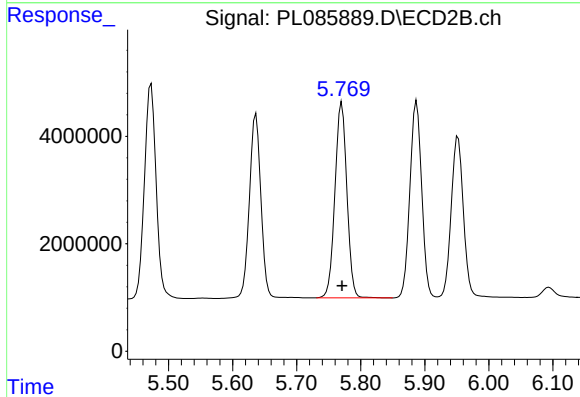
#15 Endosulfan II

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 131725581
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

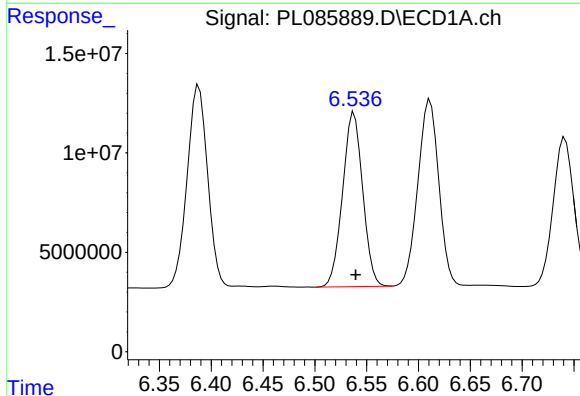
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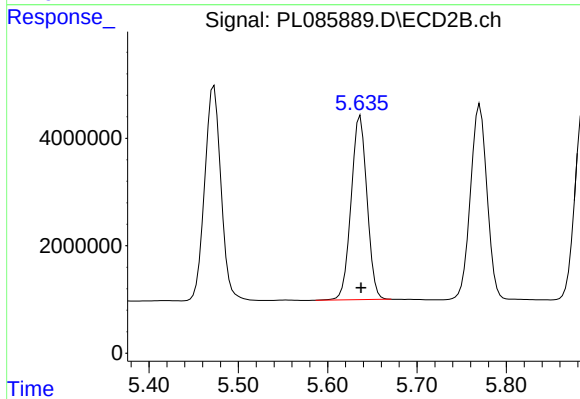
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 47093250
Conc: 49.52 ng/ml



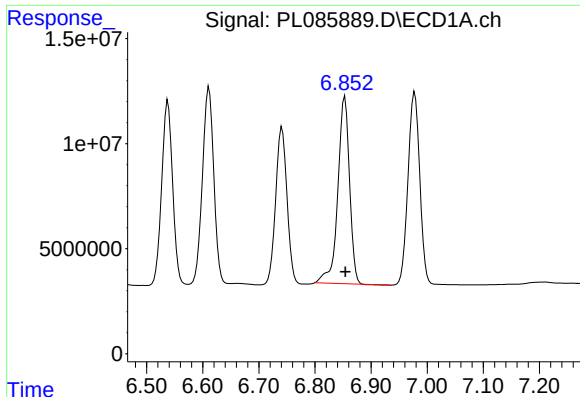
#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 118292841
Conc: 58.72 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 42299213
Conc: 60.77 ng/ml



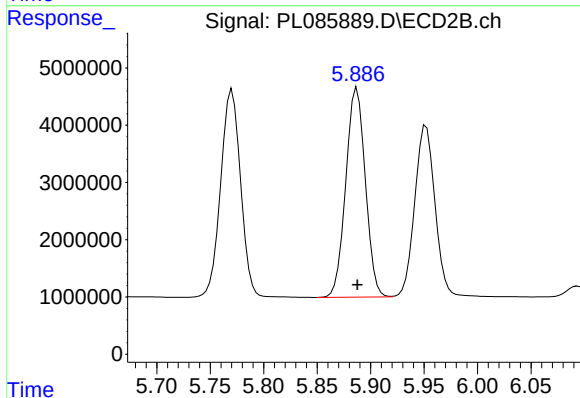
#17 4,4'-DDT

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 129267416
Conc: 54.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

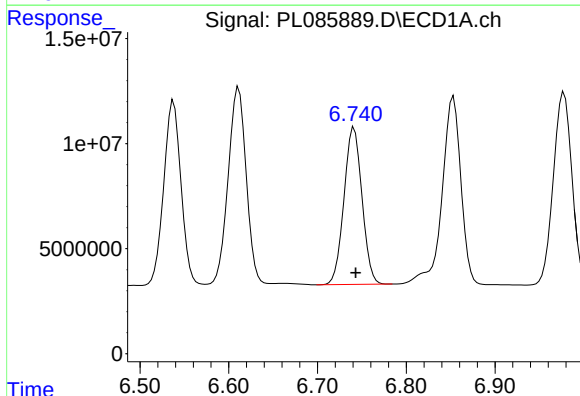
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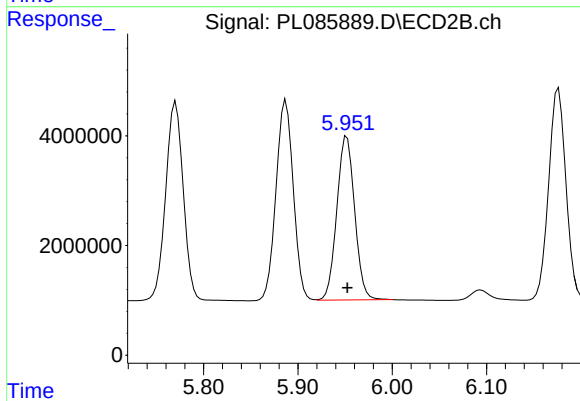
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 46533583
Conc: 58.85 ng/ml



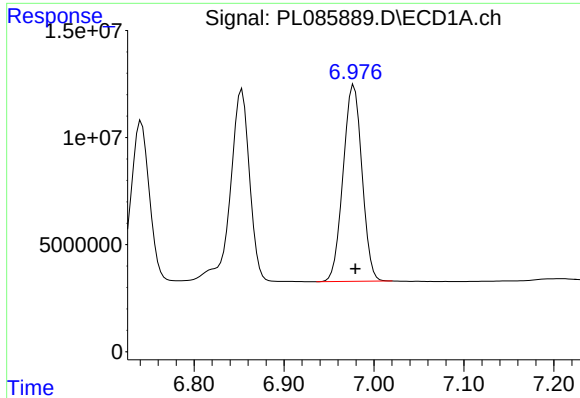
#18 Endrin aldehyde

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 105447474
Conc: 52.03 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 39228424
Conc: 52.61 ng/ml



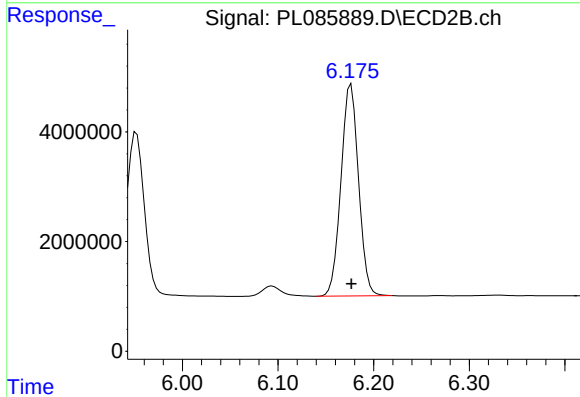
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 133618423
Conc: 53.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

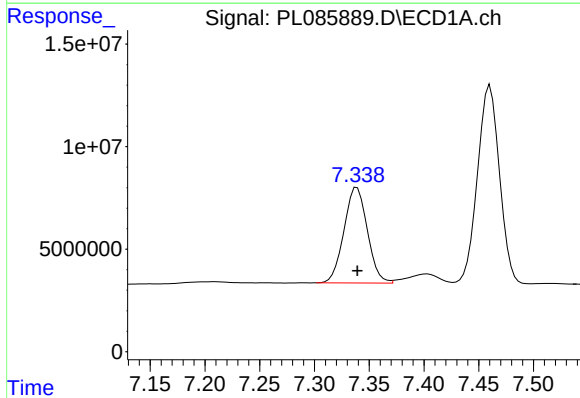
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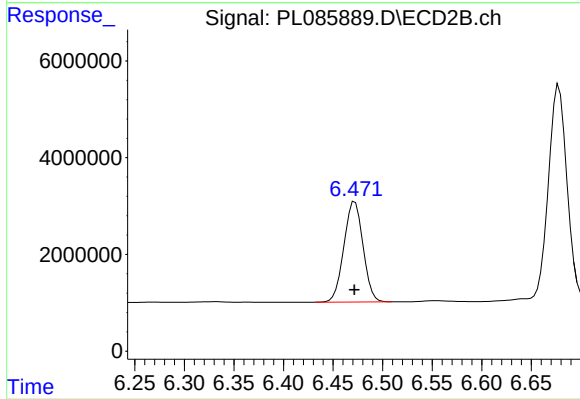
#19 Endosulfan Sulfate

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 49433624
Conc: 54.80 ng/ml



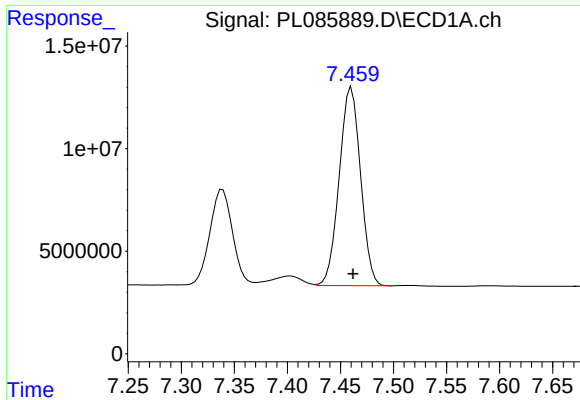
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 69363082
Conc: 49.66 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 27897071
Conc: 53.03 ng/ml



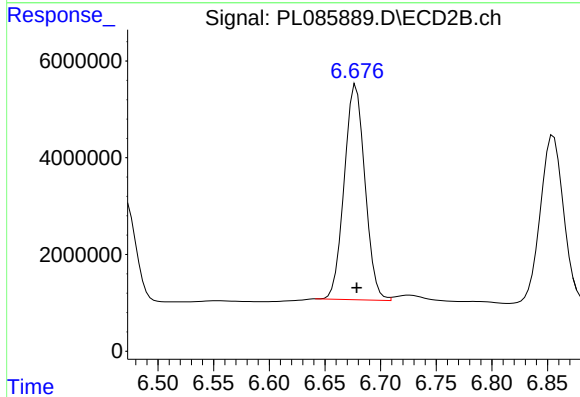
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 135215781
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

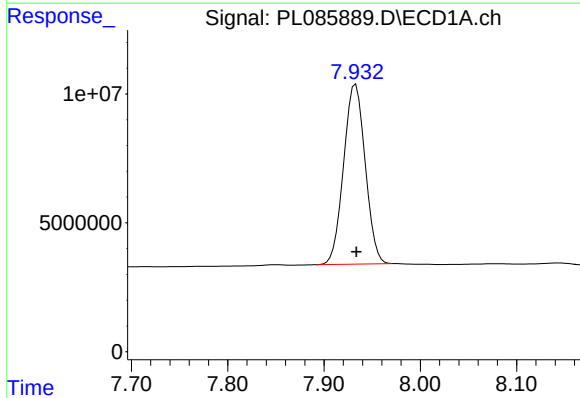
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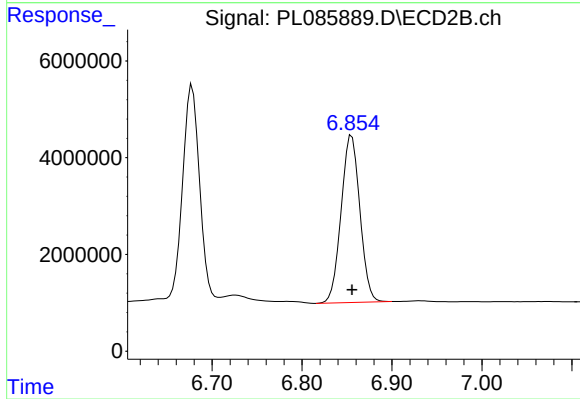
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 57674604
Conc: 50.18 ng/ml



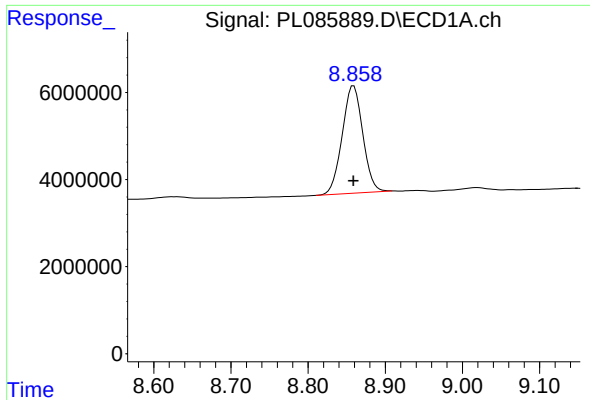
#22 Mirex

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 108389850
Conc: 48.96 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 49977304
Conc: 52.99 ng/ml



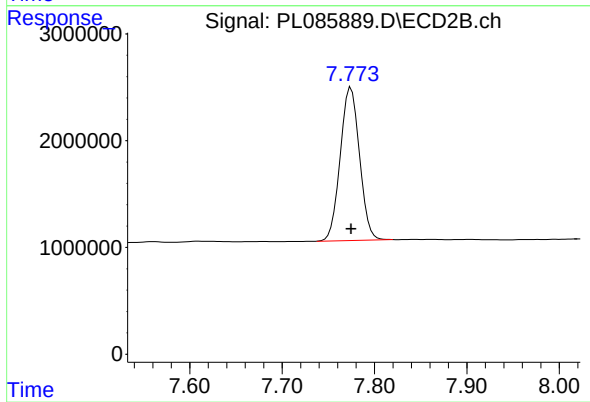
#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 45829994
Conc: 21.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156349BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/13/2023
Supervised By :Ankita Jodhani 10/13/2023



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 20825713
Conc: 22.56 ng/ml