

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
 Data File : PL085788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 18:24
 Operator : AR\AJ
 Sample : PB156217BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB156217BS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:22:19 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...	3.357	2.623	49980137	15102019	16.805	16.167
28)	SA Decachlor...	8.862	7.777	45986553	18799321	21.114	20.368
Target Compounds							
2)	A alpha-BHC	3.812	3.122	205.3E6	59050687	47.824	46.935
3)	MA gamma-BHC...	4.144	3.449	190.1E6	56062290	45.989	45.455
4)	MA Heptachlor	4.731	3.786	197.9E6	56379456	51.170	48.475
5)	MB Aldrin	5.071	4.063	183.4E6	51526934	47.313	46.078
6)	B beta-BHC	4.347	3.751	81586288	25206018	49.338	48.418
7)	B delta-BHC	4.589	3.976	189.2E6	54134038	49.333	47.115
8)	B Heptachlo...	5.499	4.568	168.0E6	48438936	48.698m	48.227
9)	A Endosulfan I	5.884	4.935	152.0E6	45632064	47.015m	42.538
10)	B gamma-Chl...	5.757	4.819	169.0E6	49957183	49.382m	50.442
11)	B alpha-Chl...	5.836	4.883	169.4E6	49341841	49.577m	45.237
12)	B 4,4'-DDE	6.021	5.082	151.2E6	43541584	54.066	53.026
13)	MA Dieldrin	6.162	5.201	155.5E6	44303503	47.317	45.663
14)	MA Endrin	6.389	5.474	136.1E6	47658464	47.746m	53.012m
15)	B Endosulfa...	6.613	5.773	131.9E6	42240093	47.877	44.419
16)	A 4,4'-DDD	6.540	5.639	128.2E6	38613874	63.656	55.476
17)	MA 4,4'-DDT	6.854	5.889	123.6E6	42229948	52.426m	53.405
18)	B Endrin al...	6.744	5.954	102.4E6	35661343	50.511	47.822
19)	B Endosulfa...	6.980	6.179	130.1E6	45466086	51.856	50.399
20)	A Methoxychlor	7.341	6.474	62114033	25598421	44.475	48.659
21)	B Endrin ke...	7.463	6.680	132.8E6	55925505	46.095	48.656m
22)	Mirex	7.936	6.858	105.6E6	44584056	47.693	47.270

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
Data File : PL085788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2023 18:24
Operator : AR\AJ
Sample : PB156217BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

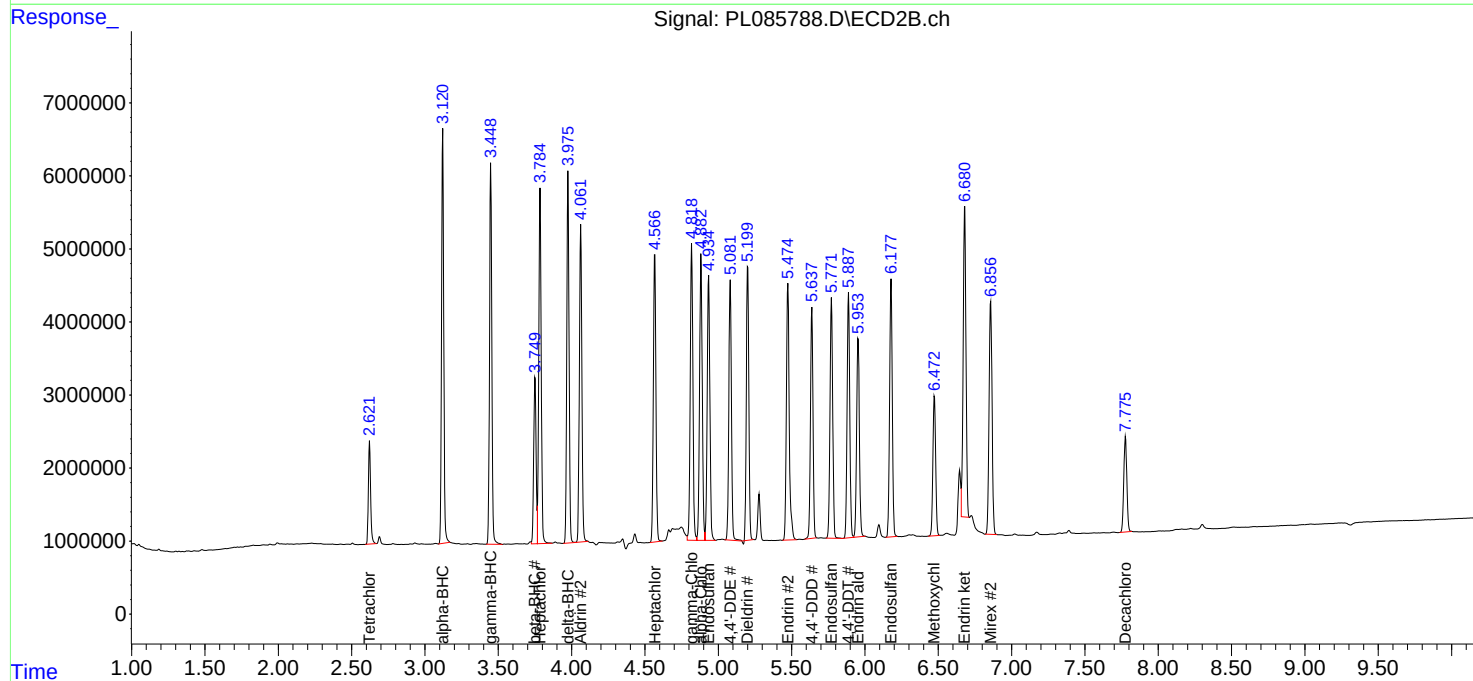
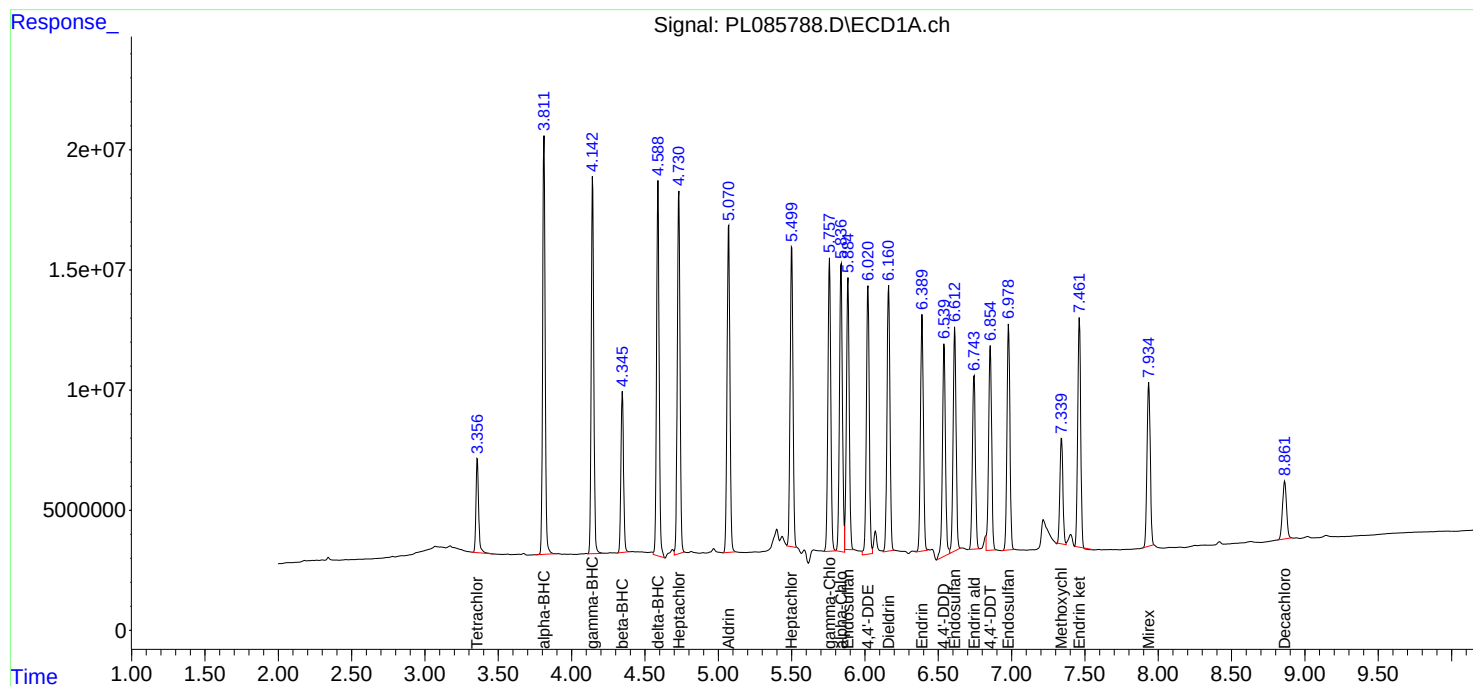
Instrument :
ECD_L
ClientSampleId :
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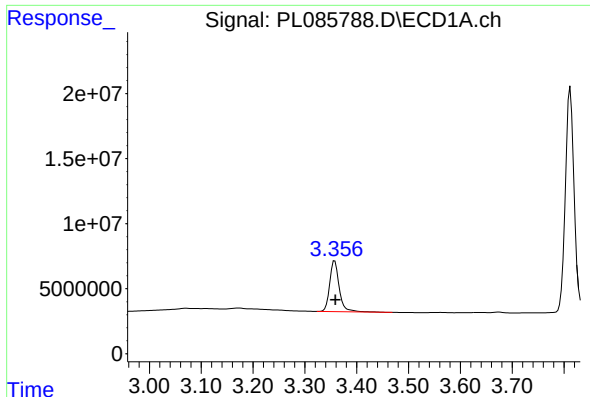
Manual Integrations
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Supervised By :Ankita Jodhani 10/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:22:19 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





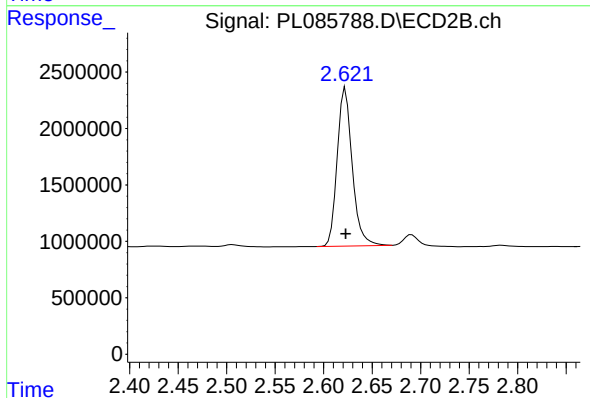
#1 Tetrachloro-m-xylene

R.T.: 3.357 min
Delta R.T.: -0.002 min
Response: 49980137
Conc: 16.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

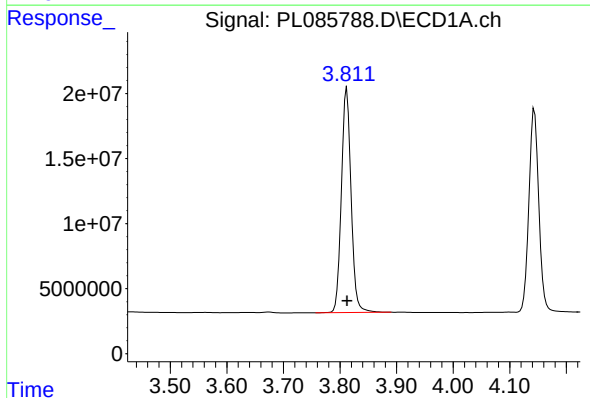
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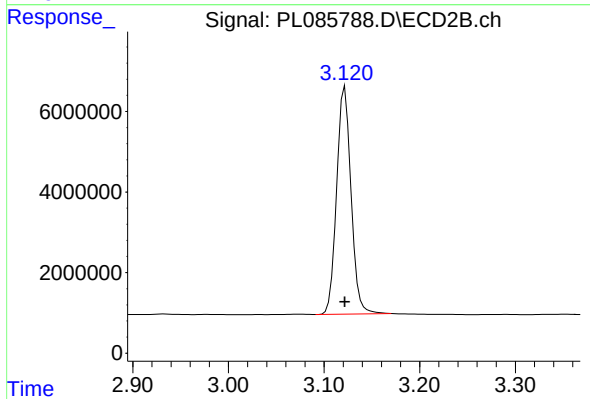
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 15102019
Conc: 16.17 ng/ml



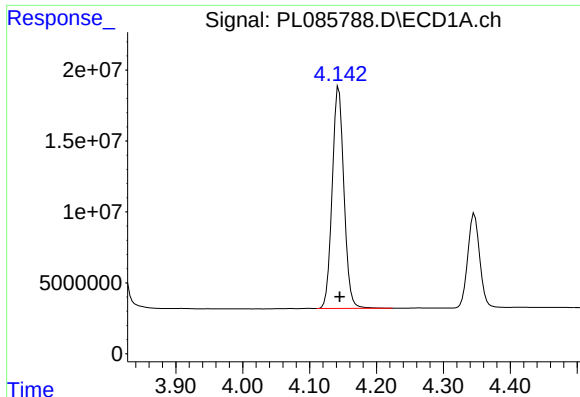
#2 alpha-BHC

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 205255359
Conc: 47.82 ng/ml



#2 alpha-BHC

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 59050687
Conc: 46.94 ng/ml



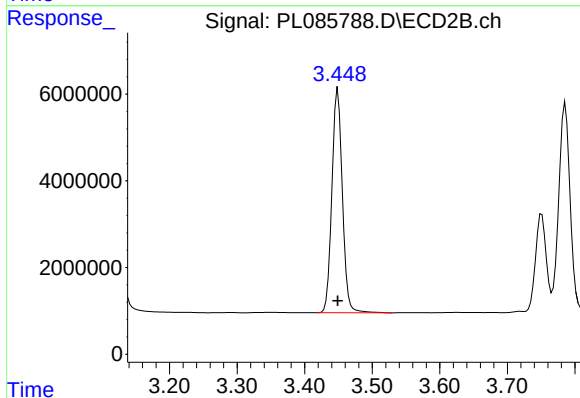
#3 gamma-BHC (Lindane)

R.T.: 4.144 min
Delta R.T.: -0.001 min
Response: 190085305
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

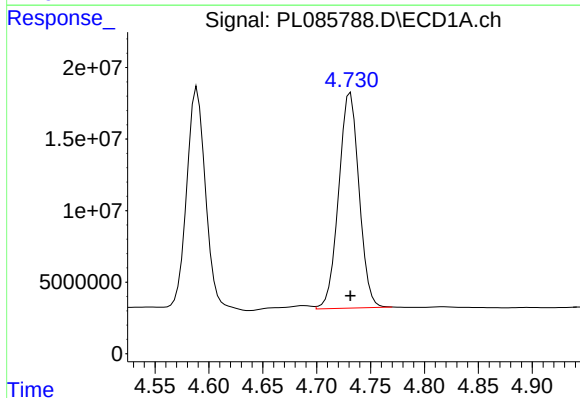
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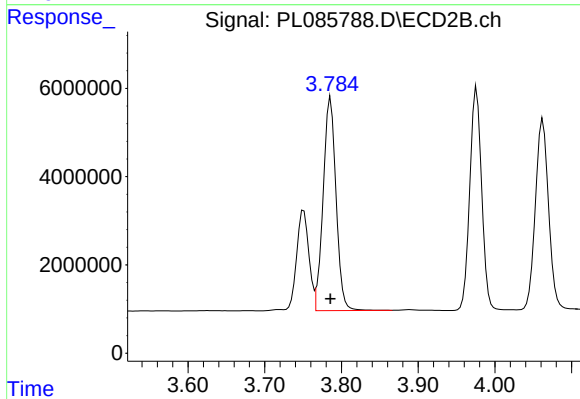
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 56062290
Conc: 45.46 ng/ml



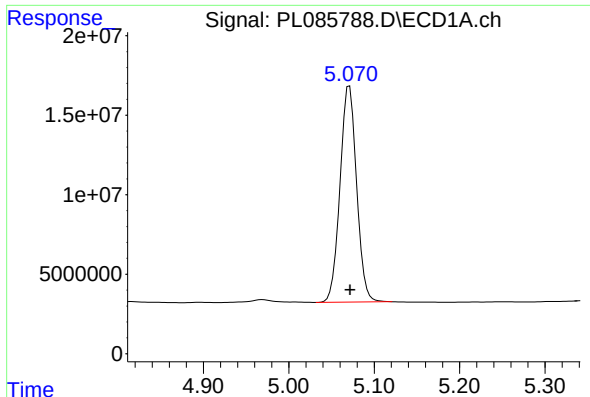
#4 Heptachlor

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 197906601
Conc: 51.17 ng/ml



#4 Heptachlor

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 56379456
Conc: 48.48 ng/ml



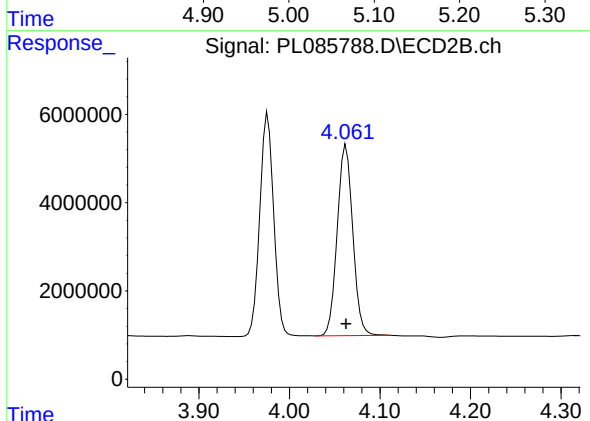
#5 Aldrin

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 183402289
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

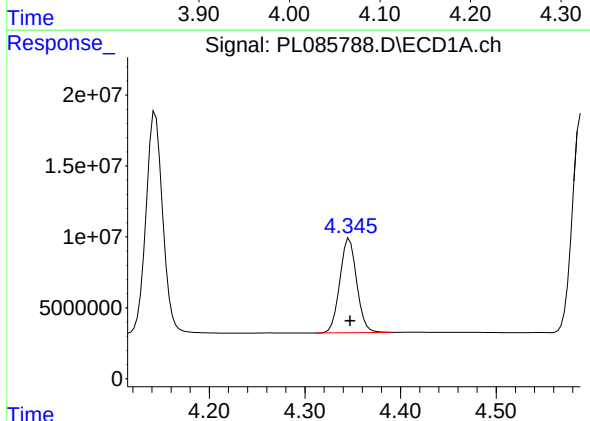
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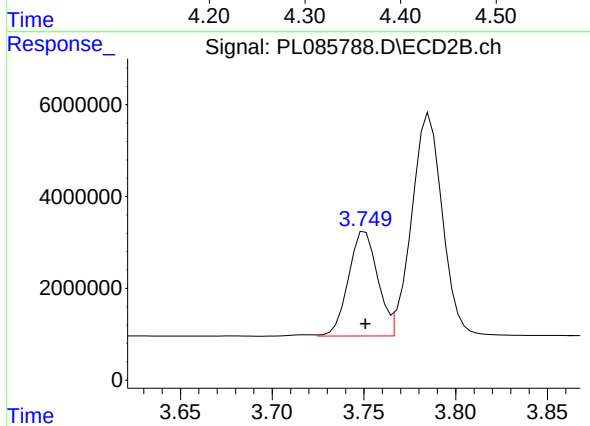
#5 Aldrin

R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 51526934
Conc: 46.08 ng/ml



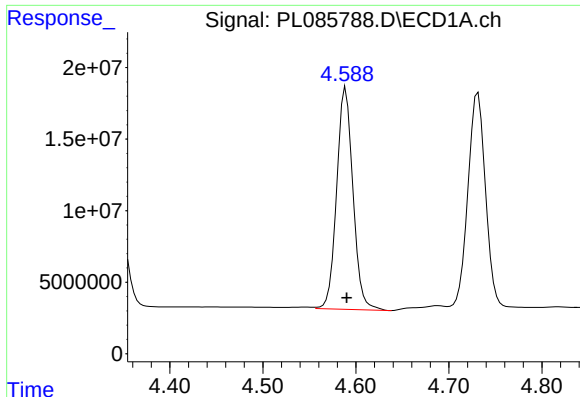
#6 beta-BHC

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 81586288
Conc: 49.34 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 25206018
Conc: 48.42 ng/ml



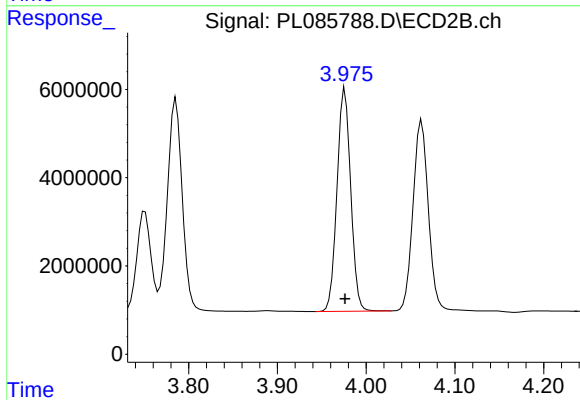
#7 delta-BHC

R.T.: 4.589 min
Delta R.T.: -0.001 min
Response: 189163440
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

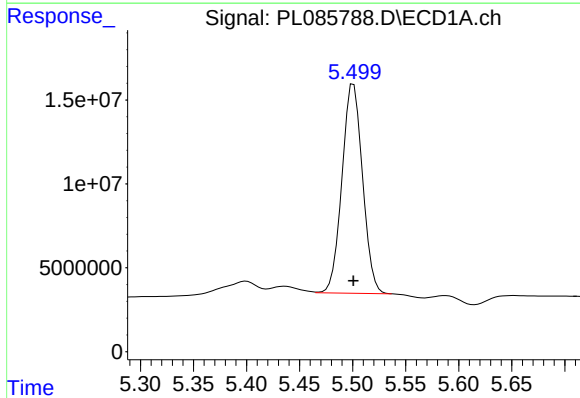
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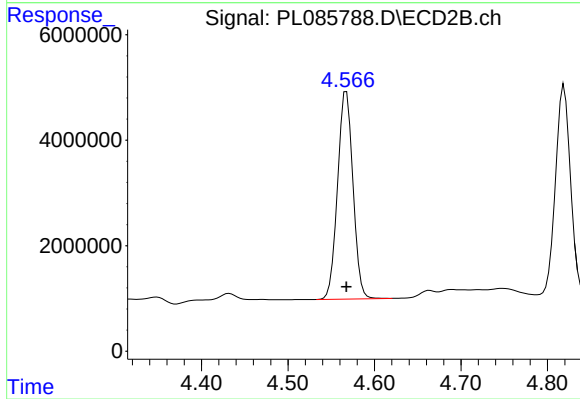
#7 delta-BHC

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 54134038
Conc: 47.12 ng/ml



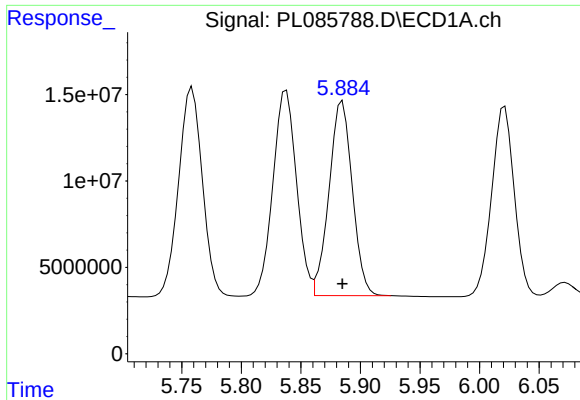
#8 Heptachlor epoxide

R.T.: 5.499 min
Delta R.T.: -0.001 min
Response: 168001058
Conc: 48.70 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 48438936
Conc: 48.23 ng/ml



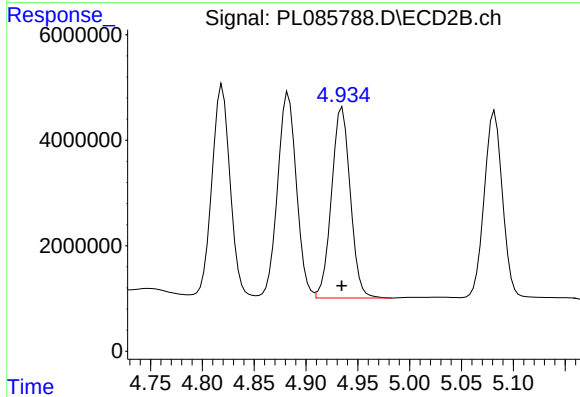
#9 Endosulfan I

R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 152046090
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

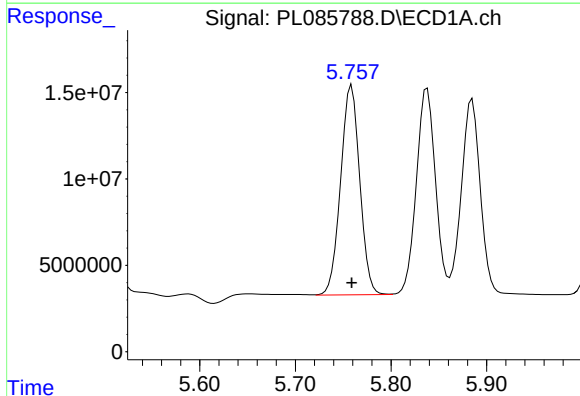
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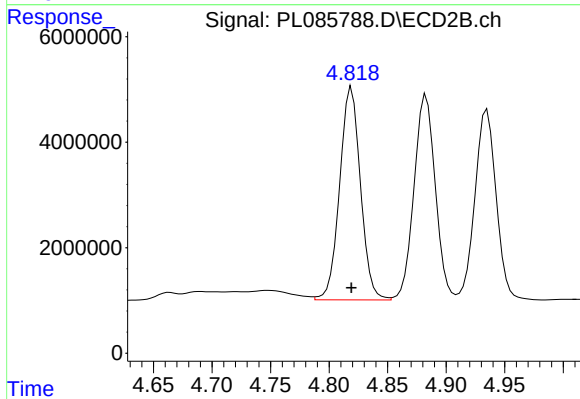
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 45632064
Conc: 42.54 ng/ml



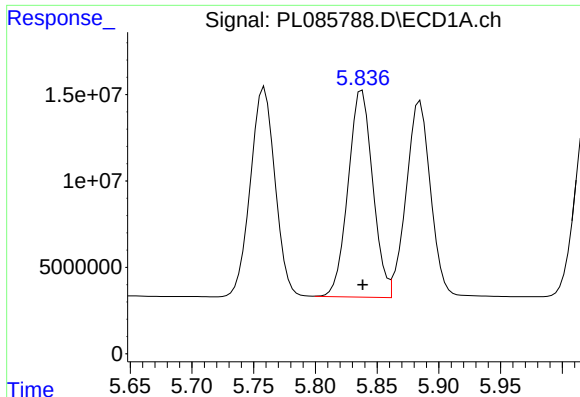
#10 gamma-Chlordane

R.T.: 5.757 min
Delta R.T.: -0.001 min
Response: 168955511
Conc: 49.38 ng/ml m



#10 gamma-Chlordane

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 49957183
Conc: 50.44 ng/ml



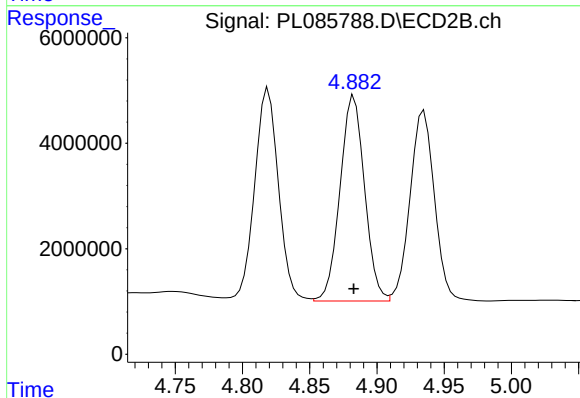
#11 alpha-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.002 min
Response: 169436375
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

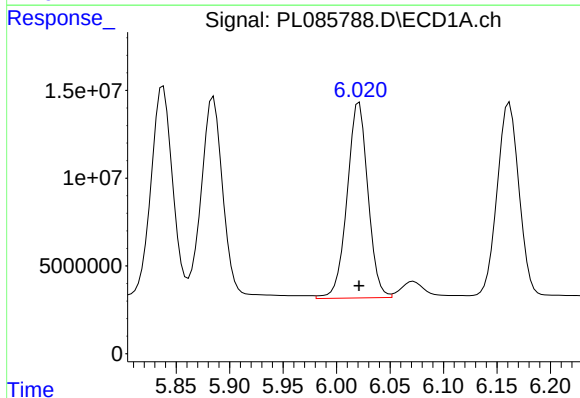
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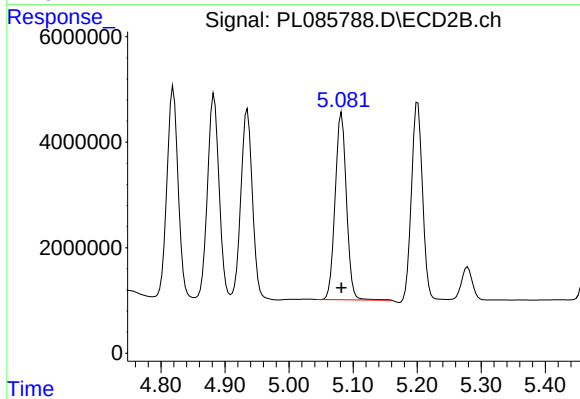
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 49341841
Conc: 45.24 ng/ml



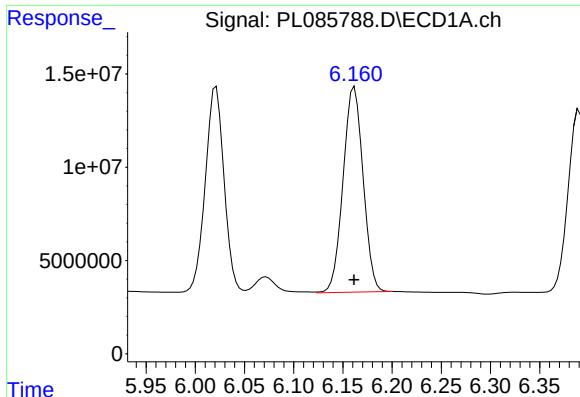
#12 4,4'-DDE

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 151198042
Conc: 54.07 ng/ml



#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43541584
Conc: 53.03 ng/ml



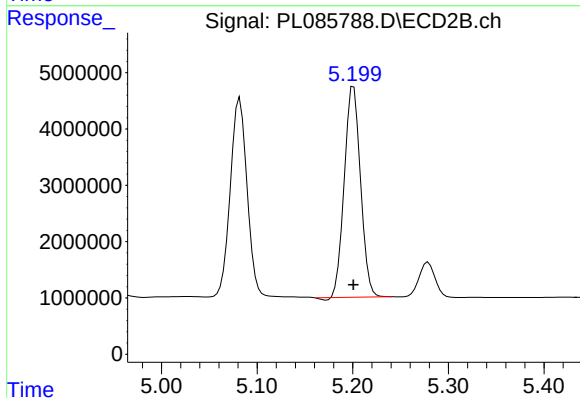
#13 Dieldrin

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 155482724
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

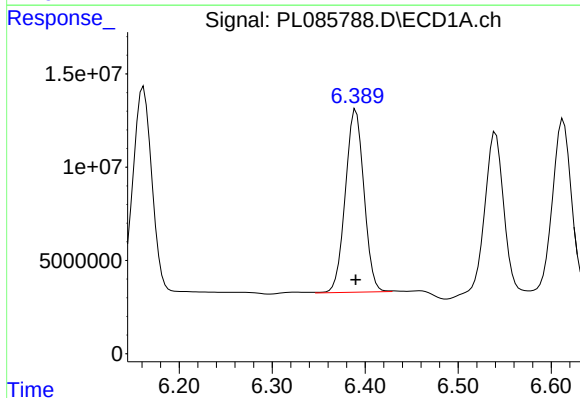
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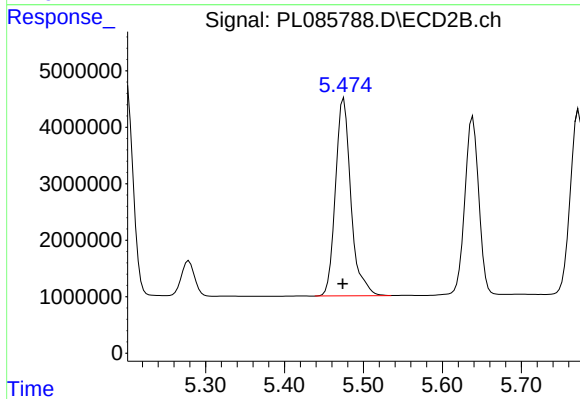
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 44303503
Conc: 45.66 ng/ml



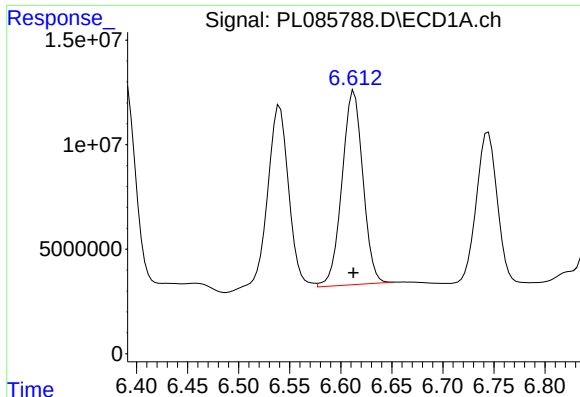
#14 Endrin

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 136065382
Conc: 47.75 ng/ml m



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 47658464
Conc: 53.01 ng/ml m



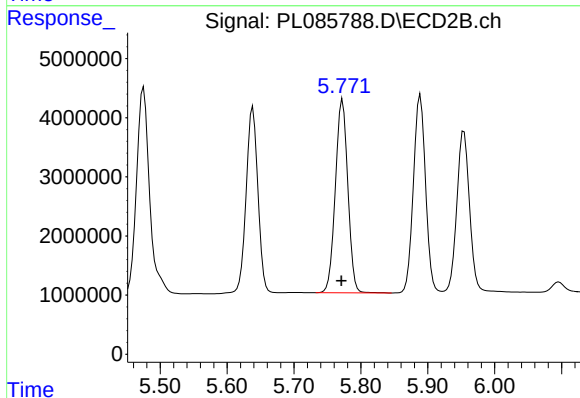
#15 Endosulfan II

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 131925903
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

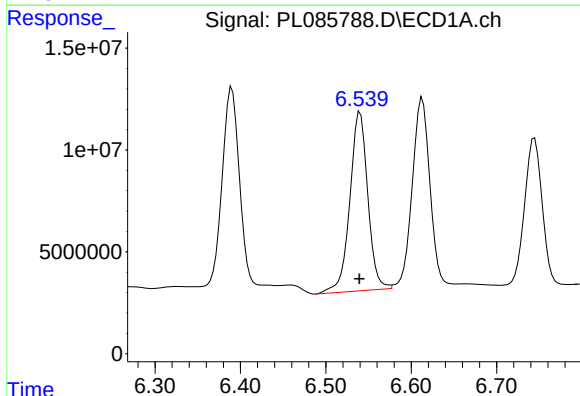
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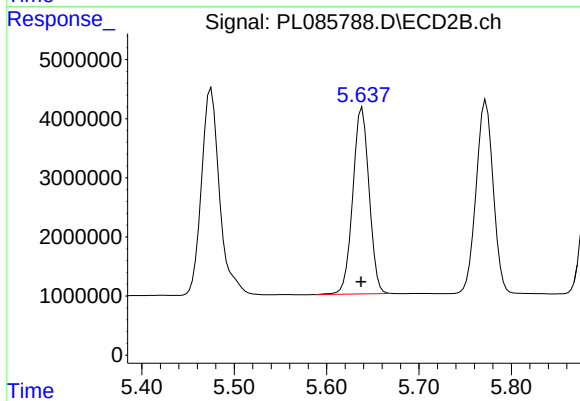
#15 Endosulfan II

R.T.: 5.773 min
Delta R.T.: 0.001 min
Response: 42240093
Conc: 44.42 ng/ml



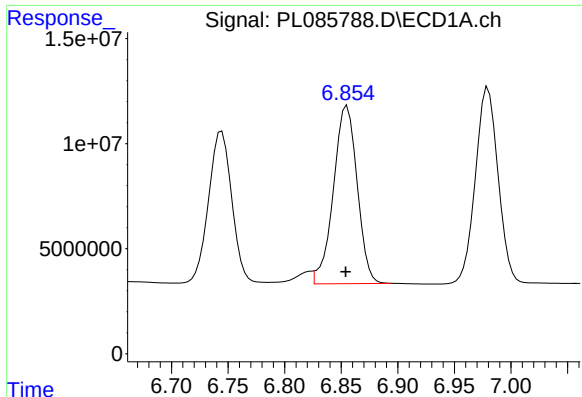
#16 4,4'-DDD

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 128246240
Conc: 63.66 ng/ml



#16 4,4'-DDD

R.T.: 5.639 min
Delta R.T.: 0.001 min
Response: 38613874
Conc: 55.48 ng/ml



#17 4,4'-DDT

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 123572824
Conc: 52.43 ng/ml

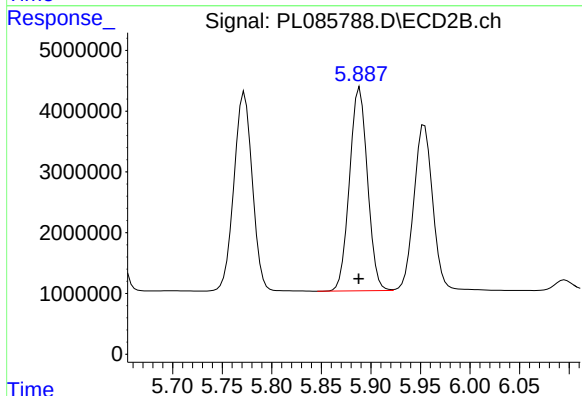
Instrument :

ECD_L

ClientSampleId :
PB156217BS

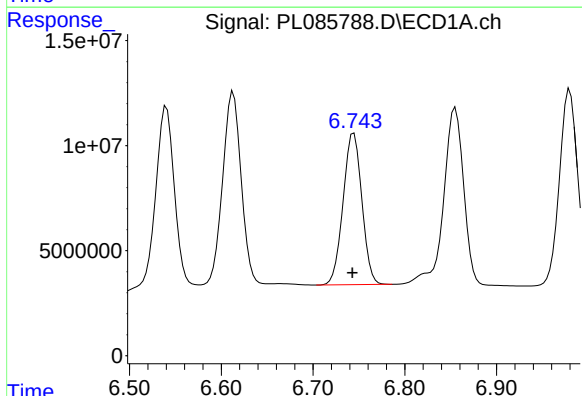
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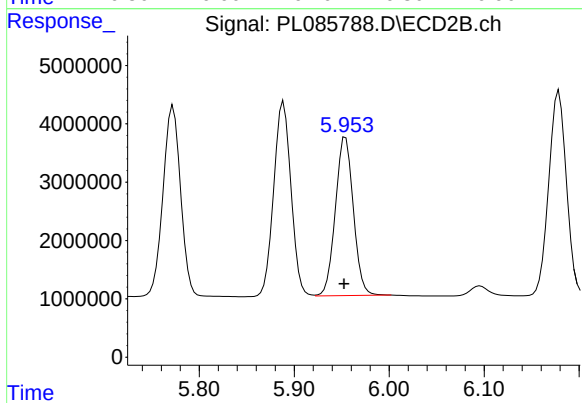
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.001 min
Response: 42229948
Conc: 53.40 ng/ml



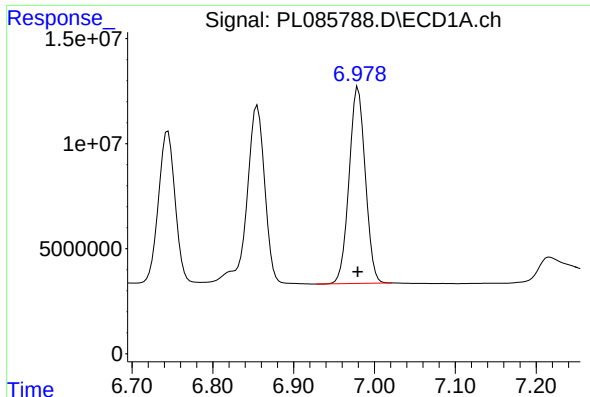
#18 Endrin aldehyde

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 102374274
Conc: 50.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.002 min
Response: 35661343
Conc: 47.82 ng/ml



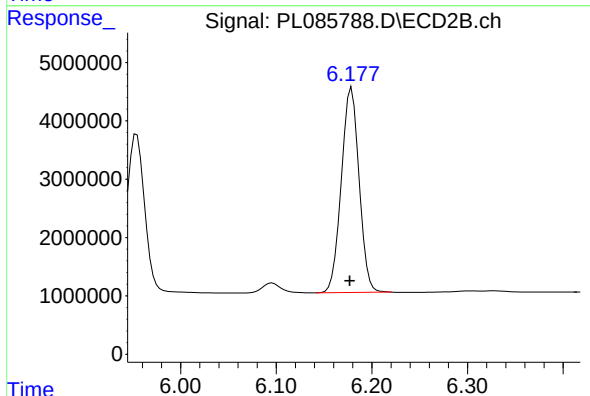
#19 Endosulfan Sulfate

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 130144550
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

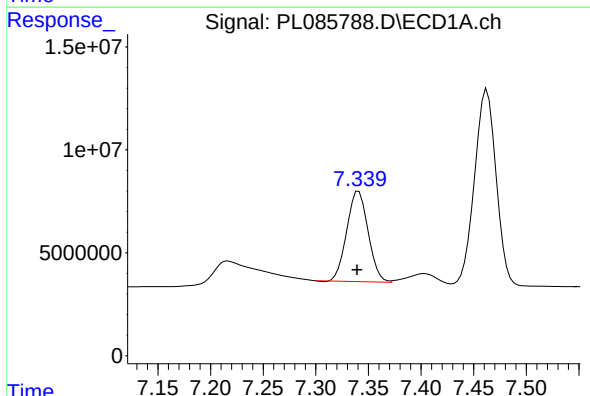
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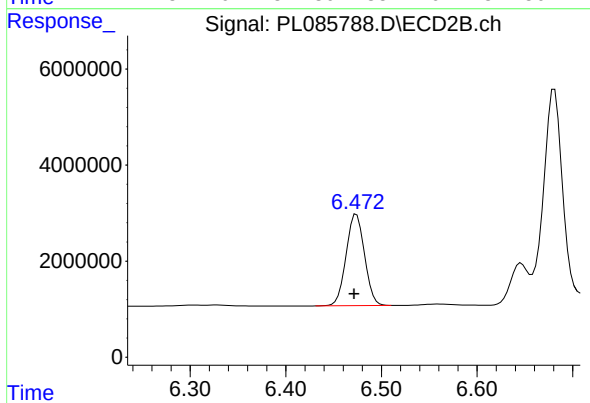
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: 0.002 min
Response: 45466086
Conc: 50.40 ng/ml



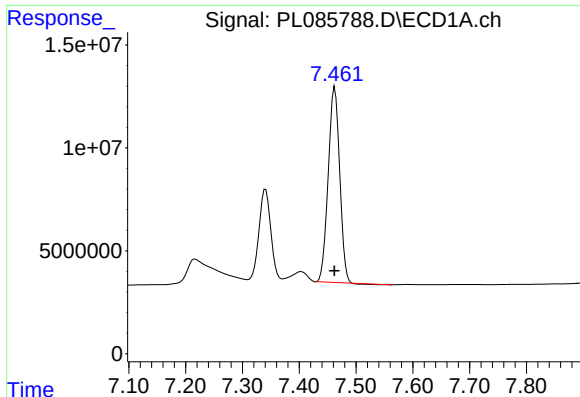
#20 Methoxychlor

R.T.: 7.341 min
Delta R.T.: 0.002 min
Response: 62114033
Conc: 44.47 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 25598421
Conc: 48.66 ng/ml



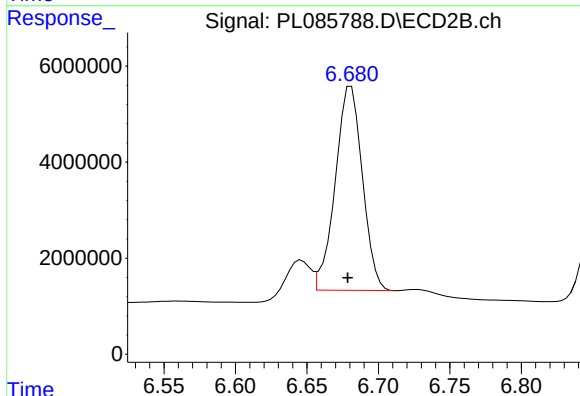
#21 Endrin ketone

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 132766081
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

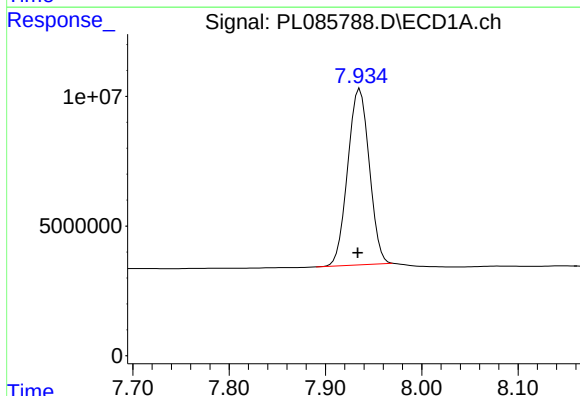
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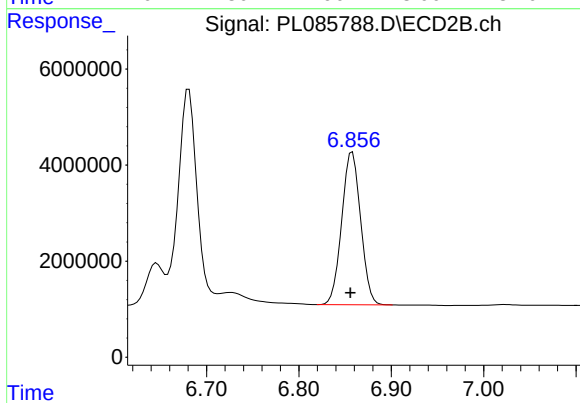
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 55925505
Conc: 48.66 ng/ml m



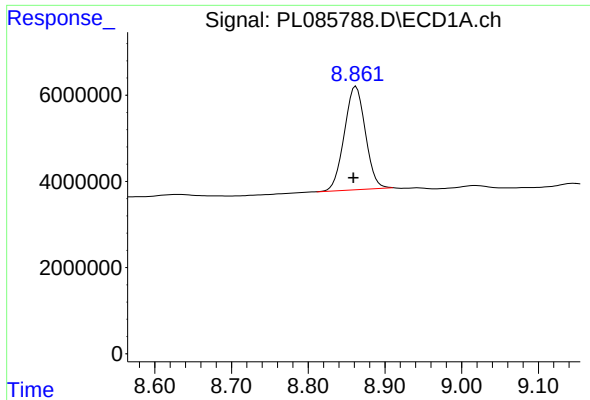
#22 Mirex

R.T.: 7.936 min
Delta R.T.: 0.002 min
Response: 105591388
Conc: 47.69 ng/ml



#22 Mirex

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 44584056
Conc: 47.27 ng/ml



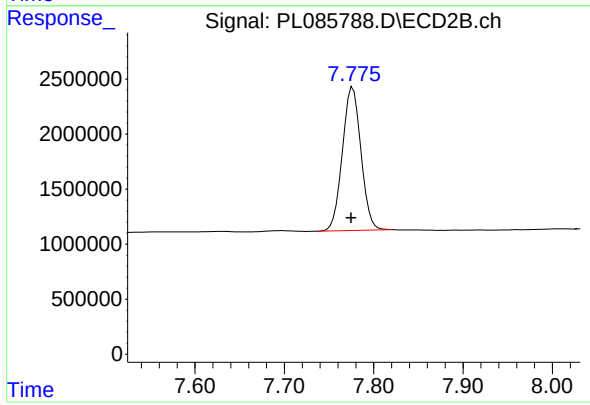
#28 Decachlorobiphenyl

R.T.: 8.862 min
Delta R.T.: 0.003 min
Response: 45986553
Conc: 21.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156217BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: 0.002 min
Response: 18799321
Conc: 20.37 ng/ml