

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091324\
 Data File : PL091721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2024 13:44
 Operator : AR\AJ
 Sample : PB163376BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163376BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 03:40:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 2024
 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...	3.544	2.783	32125771	40968559	20.612	21.905
28)	SA Decachlor...	9.061	7.924	25276300	38048681	20.798	20.605
Target Compounds							
2)	A alpha-BHC	4.000	3.287	117.3E6	157.5E6	54.325	59.215
3)	MA gamma-BHC...	4.333	3.617	112.2E6	144.6E6	54.595	58.805
4)	MA Heptachlor	4.921	3.957	100.7E6	137.5E6	53.783	57.084
5)	MB Aldrin	5.262	4.237	99970195	135.3E6	53.673m	59.304
6)	B beta-BHC	4.529	3.916	49634046	61586368	54.542	56.374
7)	B delta-BHC	4.777	4.146	101.2E6	138.8E6	52.659	60.330
8)	B Heptachlo...	5.689	4.739	88163477	120.7E6	52.833	57.254
9)	A Endosulfan I	6.075	5.109	83991496	110.8E6	53.906	57.436
10)	B gamma-Chl...	5.945	4.988	90442005	126.2E6	54.132	57.236m
11)	B alpha-Chl...	6.024	5.053	89519865	120.3E6	55.539	58.134
12)	B 4,4'-DDE	6.197	5.242	80449227	113.5E6	55.153	59.819
13)	MA Dieldrin	6.350	5.374	88234369	118.3E6	54.074	57.536
14)	MA Endrin	6.578	5.649	62416967	89454451	46.941m	47.401
15)	B Endosulfa...	6.799	5.943	81202249	101.9E6	52.388	57.589
16)	A 4,4'-DDD	6.714	5.796	73395823	102.3E6	57.904	61.030
17)	MA 4,4'-DDT	7.028	6.047	62541427	80179307	47.678	49.900
18)	B Endrin al...	6.927	6.123	64085718	82427649	53.938m	60.296
19)	B Endosulfa...	7.162	6.345	73518456	96988063	52.649	56.516
20)	A Methoxychlor	7.503	6.622	32749757	43069896	48.413	48.625
21)	B Endrin ke...	7.646	6.851	87157048	120.5E6	56.364m	59.894
22)	Mirex	8.121	7.032	63879189	90481073	53.347	51.026

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091324\
Data File : PL091721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2024 13:44
Operator : AR\AJ
Sample : PB163376BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163376BS

Manual Integrations

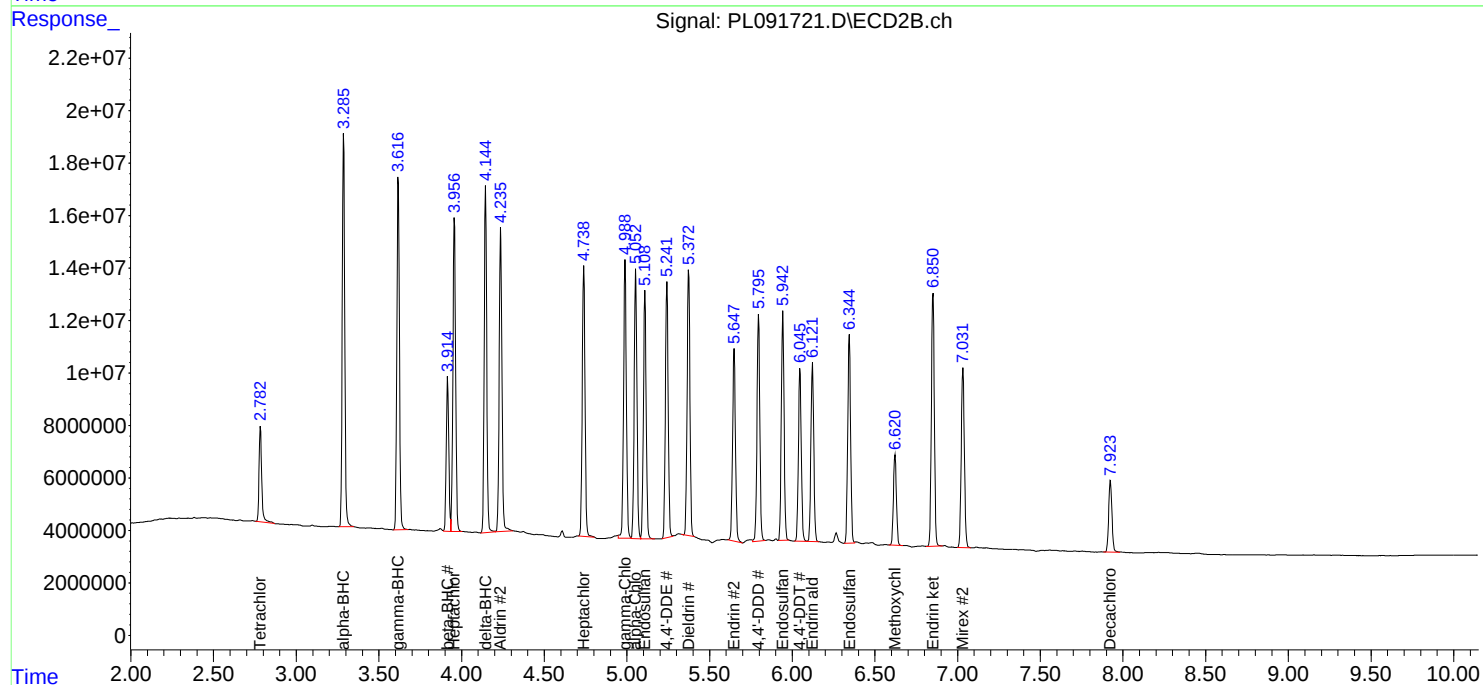
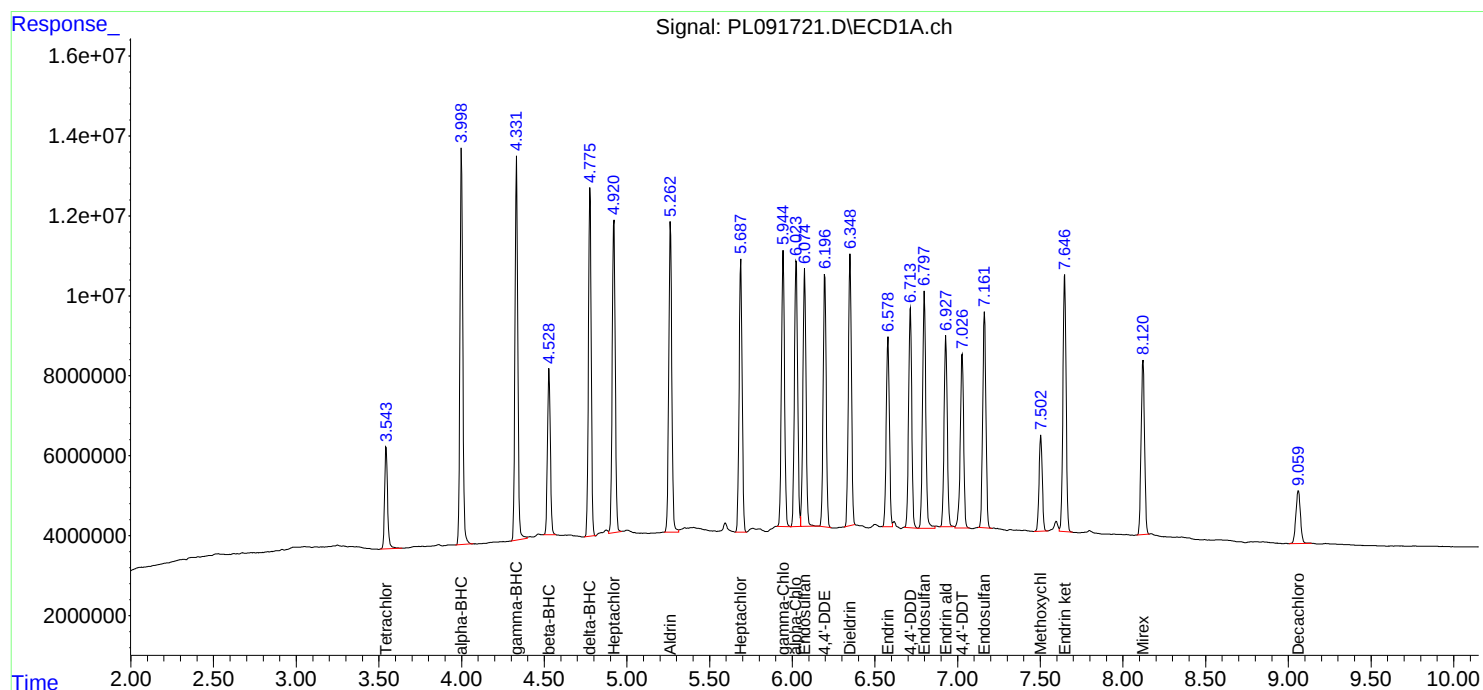
APPROVED

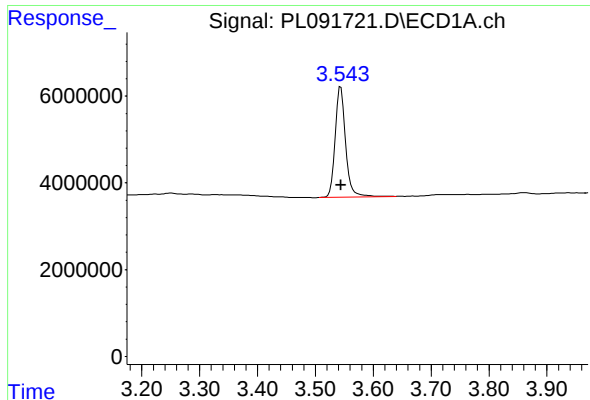
Reviewed By :Abdul Mirza 09/16/2024

Supervised By :Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 03:40:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 19:26:36 2024
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





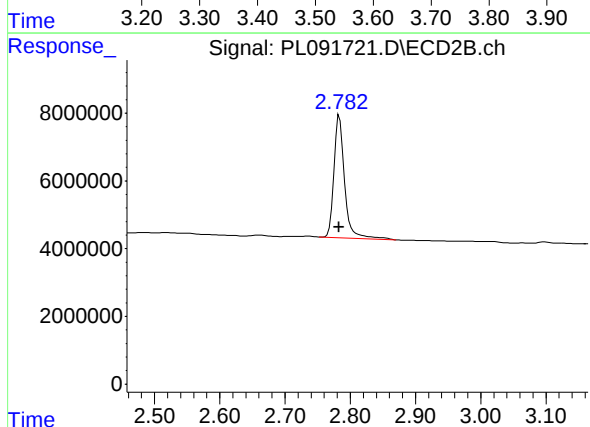
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 32125771
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

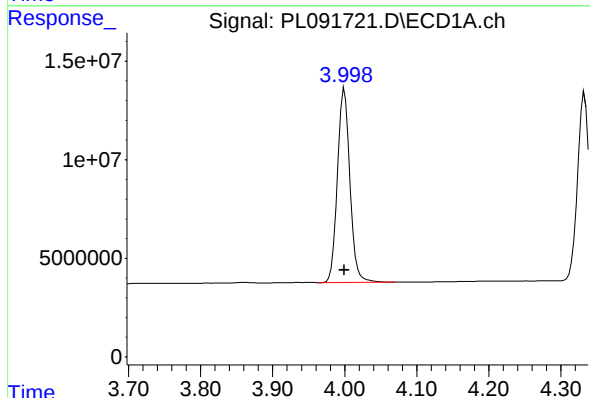
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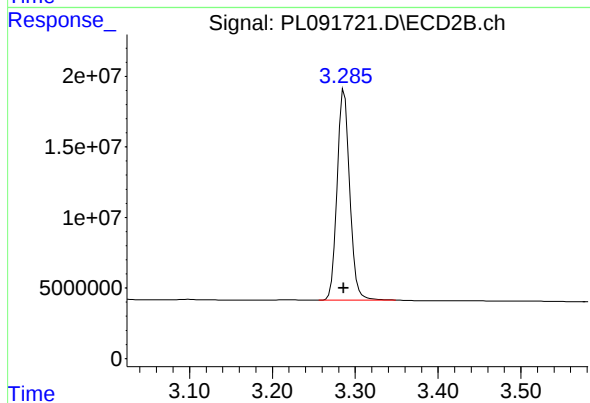
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 40968559
Conc: 21.90 ng/ml



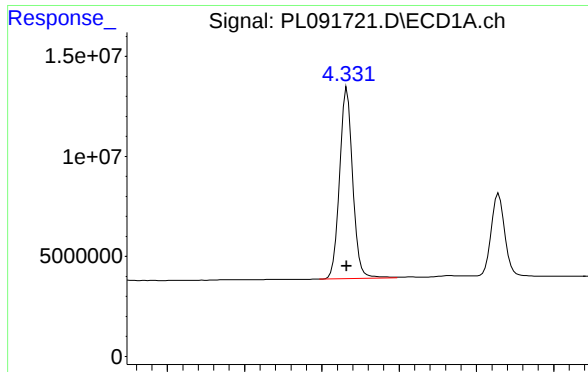
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 117337832
Conc: 54.33 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 157485503
Conc: 59.21 ng/ml



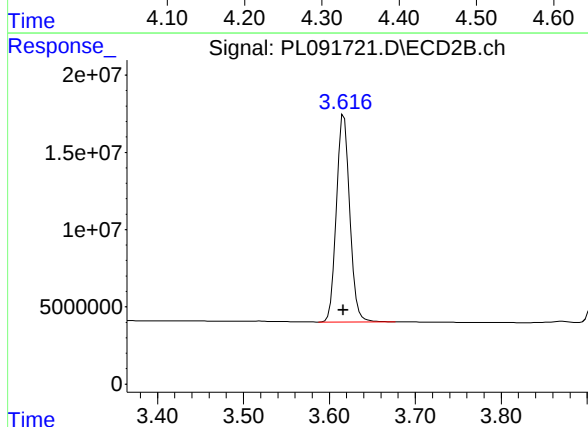
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 112230414
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

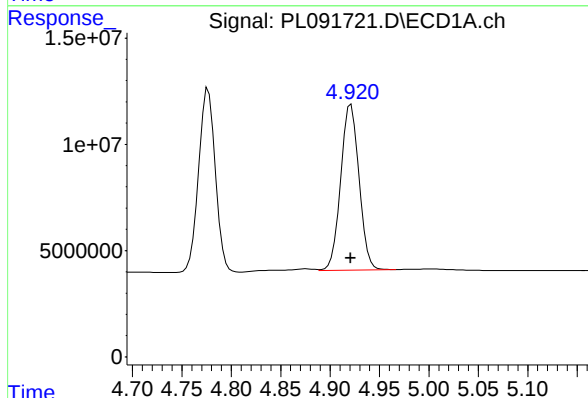
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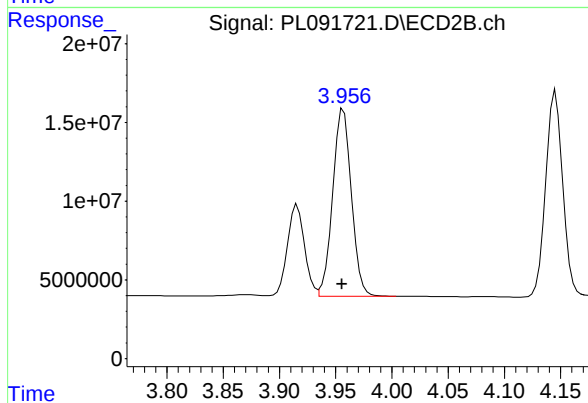
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: 0.000 min
Response: 144627942
Conc: 58.80 ng/ml



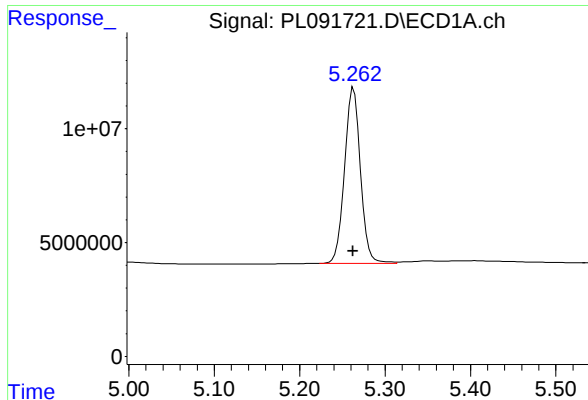
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 100736200
Conc: 53.78 ng/ml



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: 0.001 min
Response: 137475508
Conc: 57.08 ng/ml



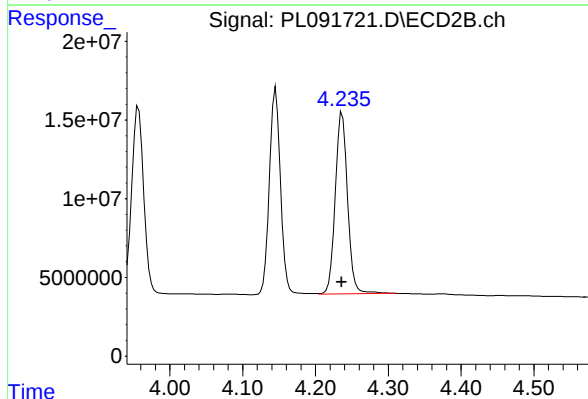
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 99970195
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

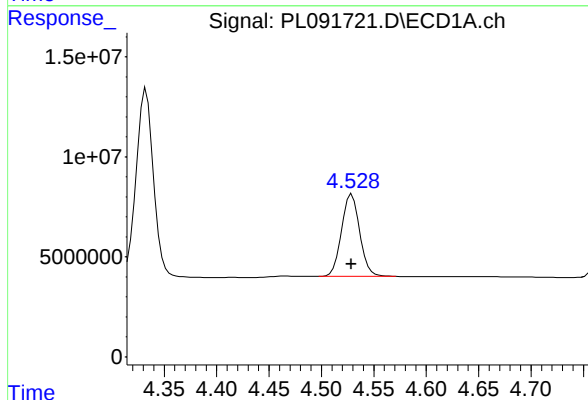
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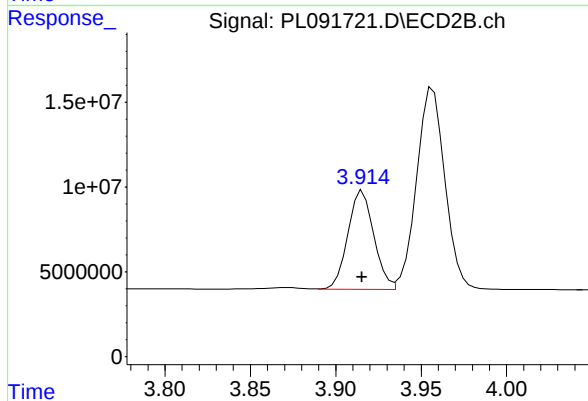
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 135303304
Conc: 59.30 ng/ml



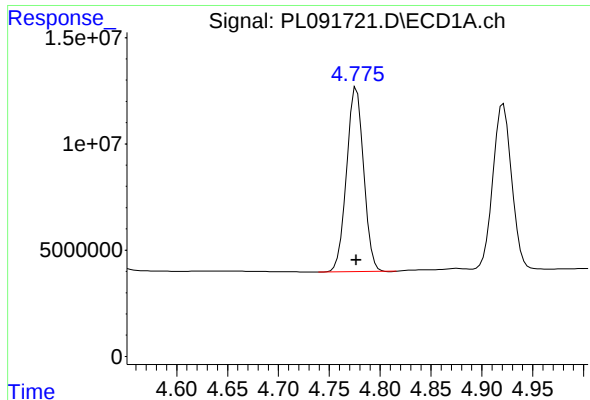
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 49634046
Conc: 54.54 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 61586368
Conc: 56.37 ng/ml



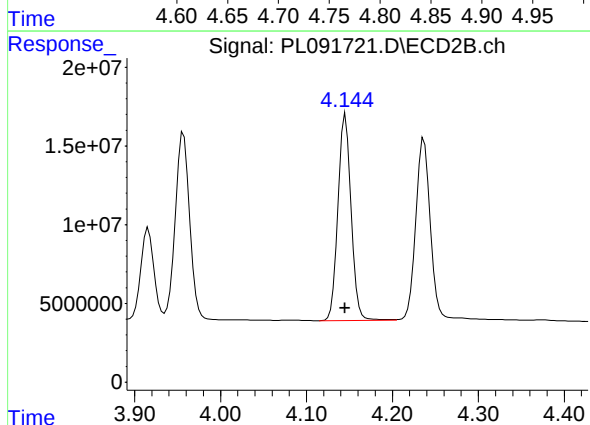
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 101166941
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

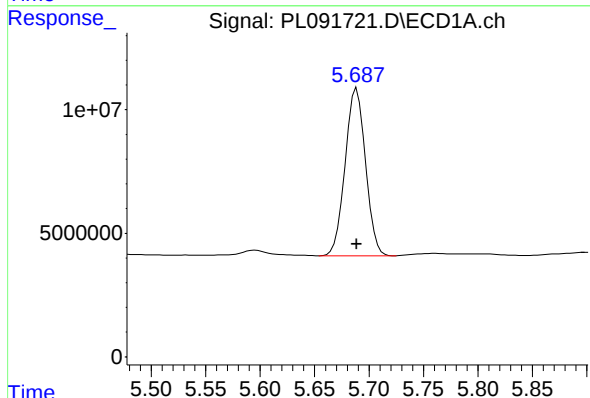
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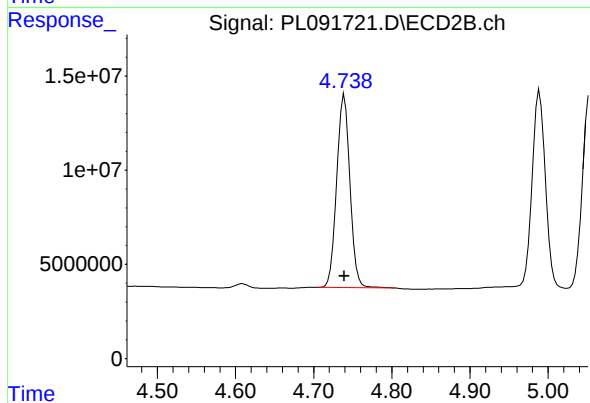
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 138804173
Conc: 60.33 ng/ml



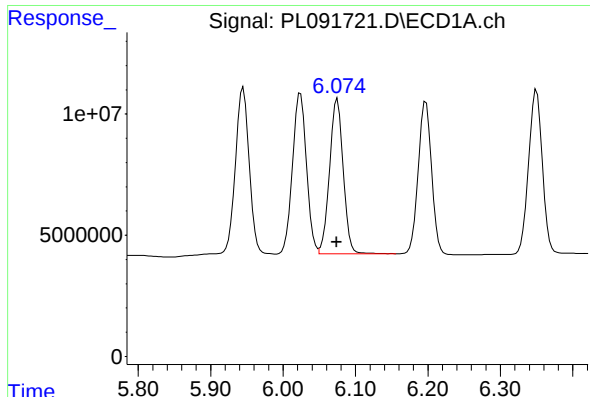
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 88163477
Conc: 52.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 120675777
Conc: 57.25 ng/ml



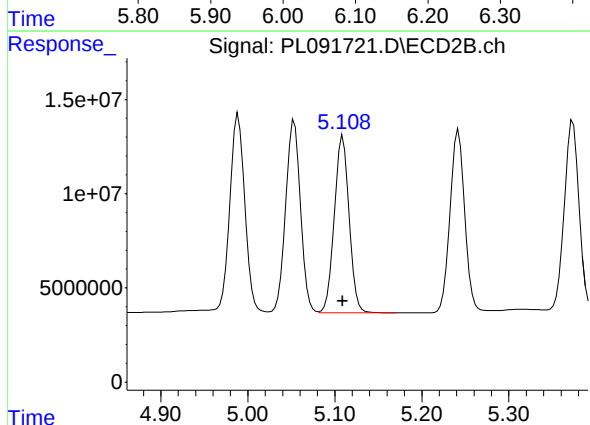
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 83991496
Conc: 53.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

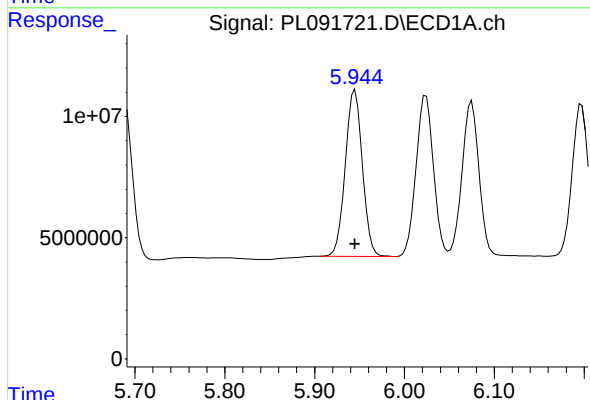
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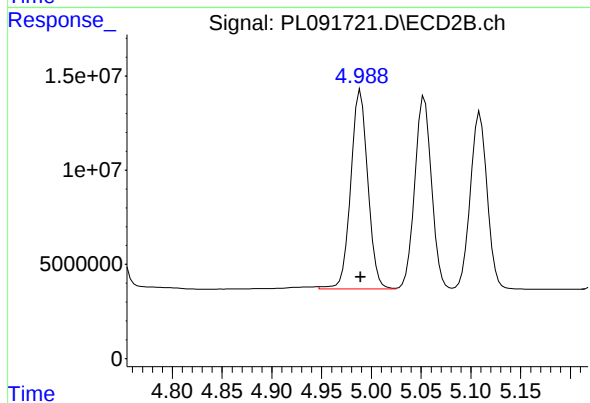
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 110812803
Conc: 57.44 ng/ml



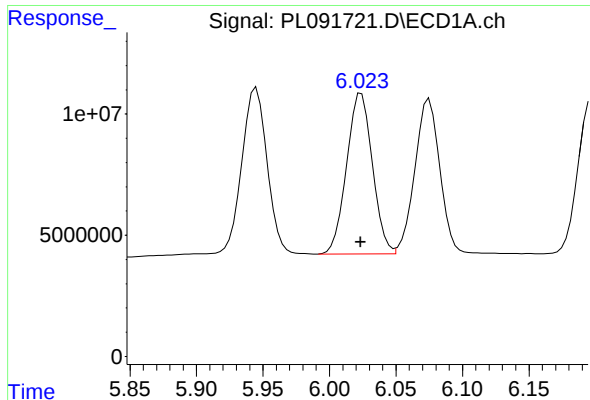
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 90442005
Conc: 54.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 126242897
Conc: 57.24 ng/ml m



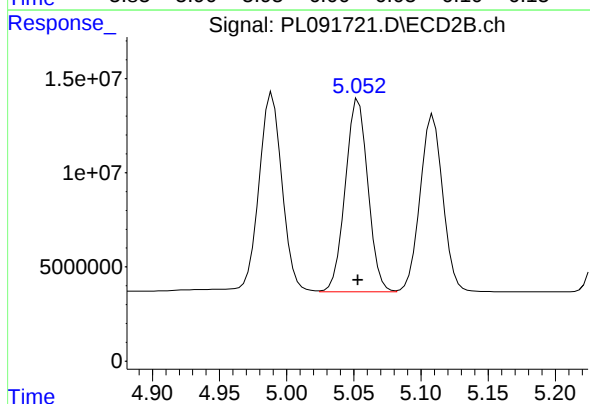
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 89519865
Conc: 55.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

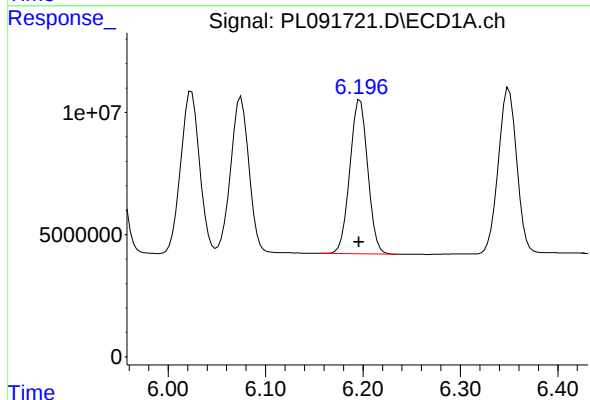
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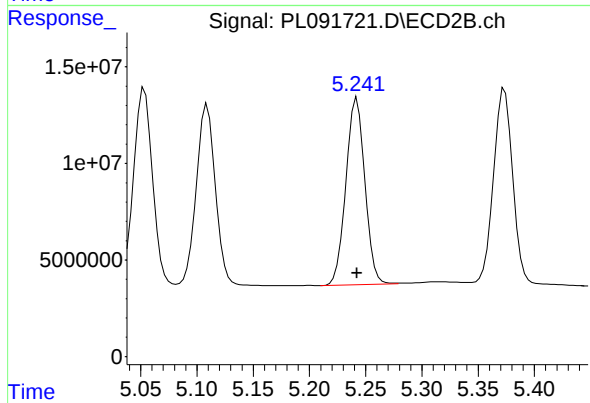
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 120279151
Conc: 58.13 ng/ml



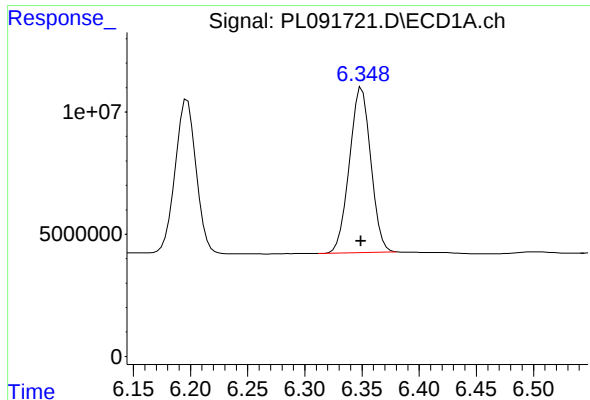
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 80449227
Conc: 55.15 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 113459115
Conc: 59.82 ng/ml



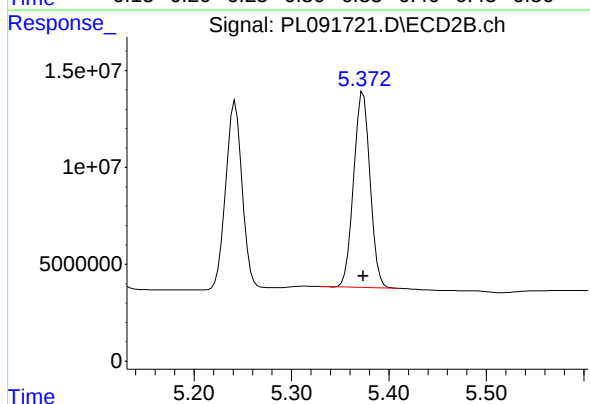
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 88234369
Conc: 54.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

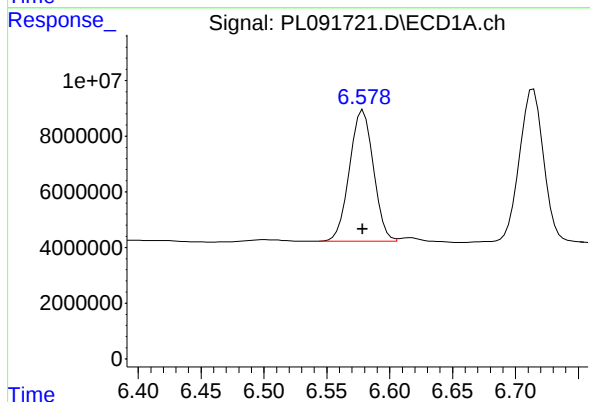
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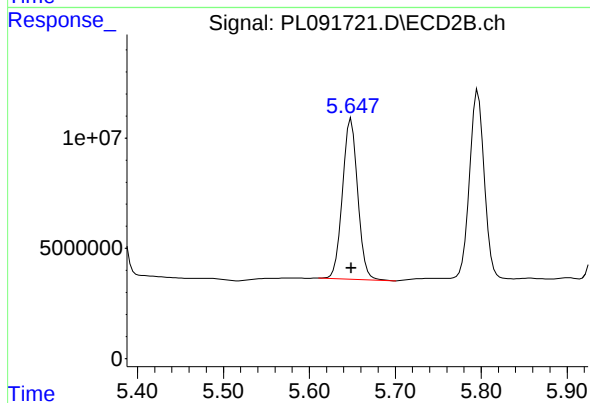
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 118261003
Conc: 57.54 ng/ml



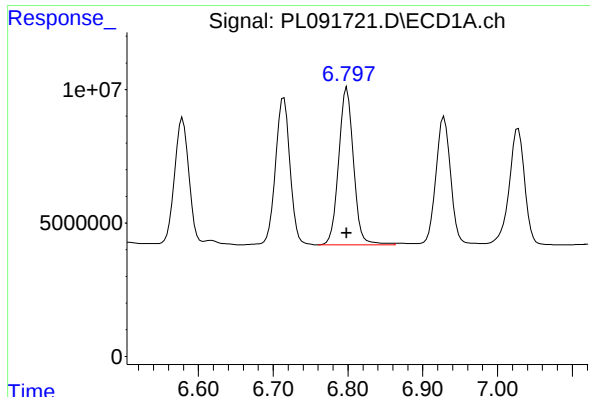
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 62416967
Conc: 46.94 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 89454451
Conc: 47.40 ng/ml



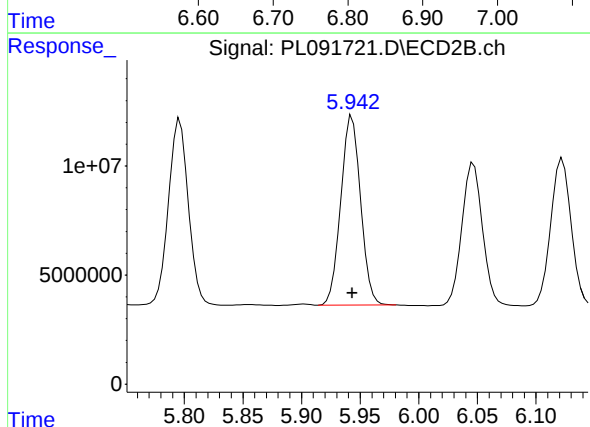
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 81202249
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

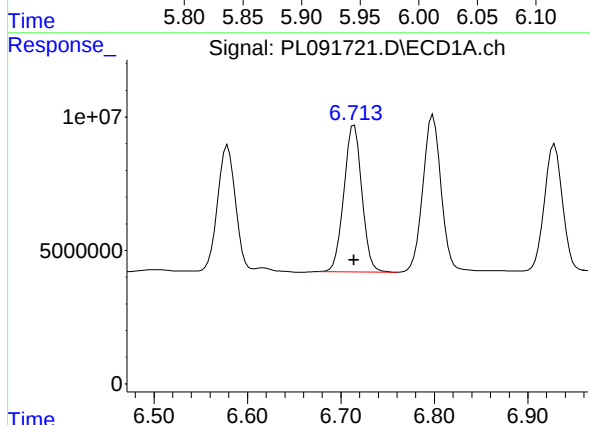
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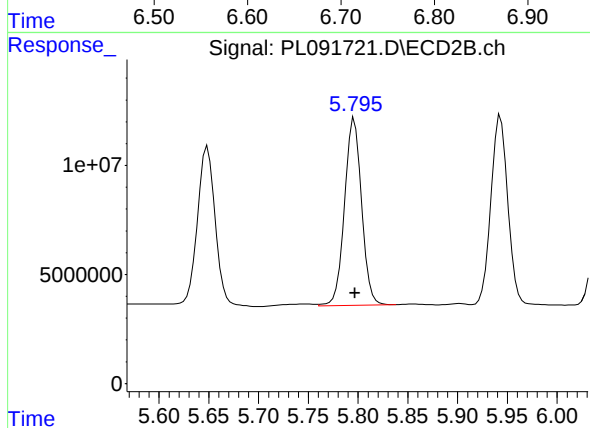
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 101870544
Conc: 57.59 ng/ml



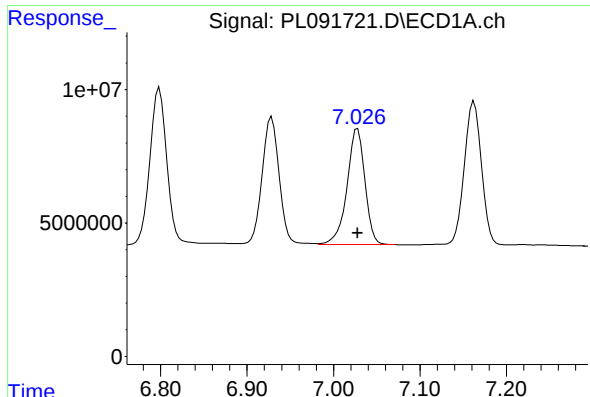
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 73395823
Conc: 57.90 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 102270866
Conc: 61.03 ng/ml



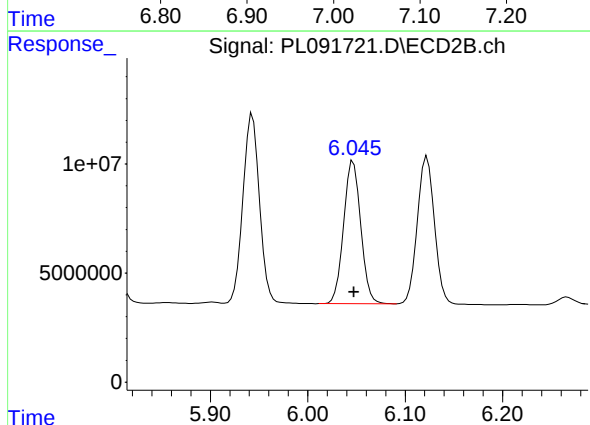
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 62541427
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

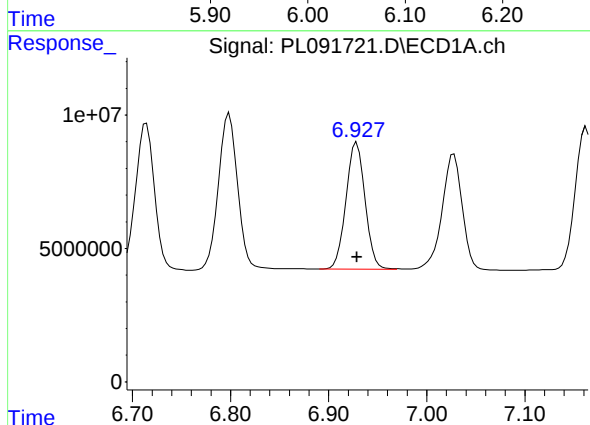
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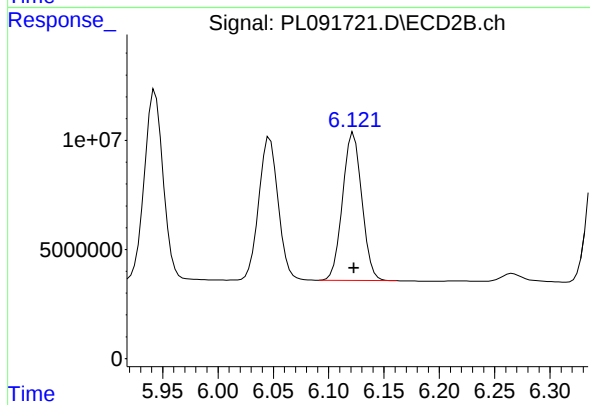
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 80179307
Conc: 49.90 ng/ml



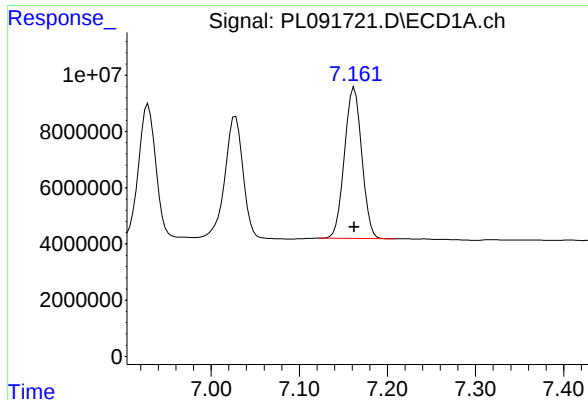
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 64085718
Conc: 53.94 ng/ml m



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 82427649
Conc: 60.30 ng/ml



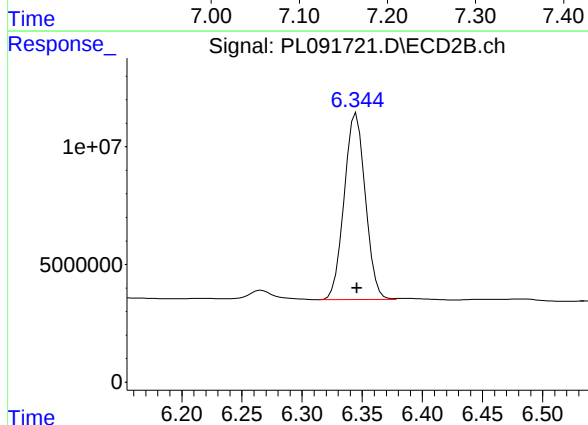
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 73518456
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

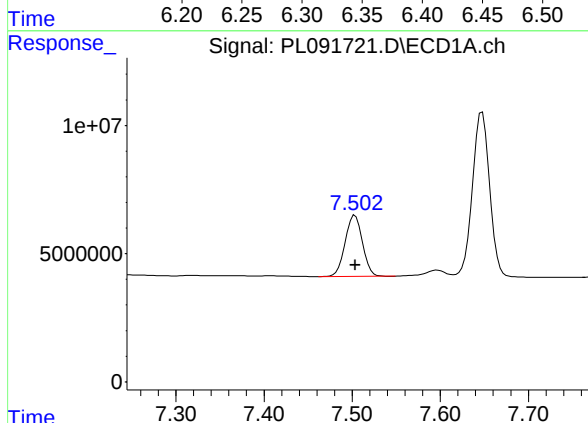
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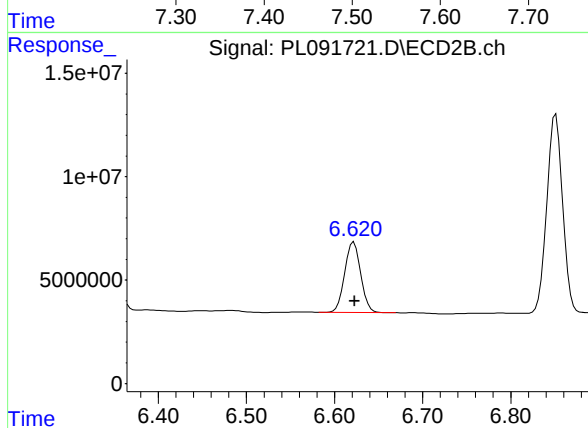
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 96988063
Conc: 56.52 ng/ml



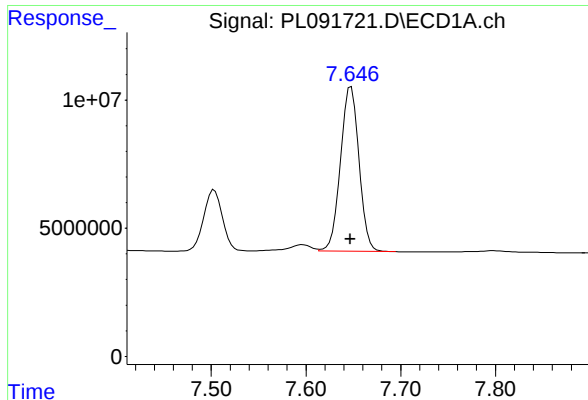
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 32749757
Conc: 48.41 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 43069896
Conc: 48.62 ng/ml



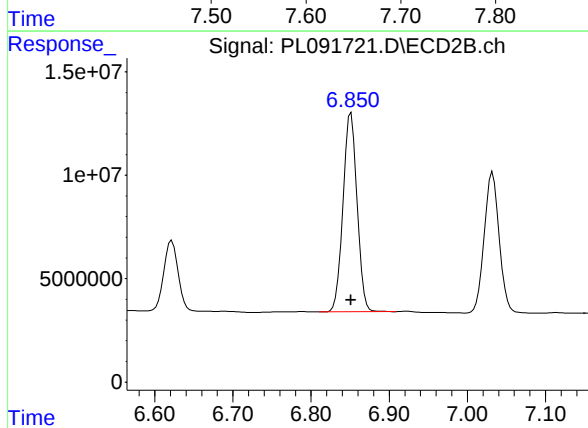
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 87157048
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

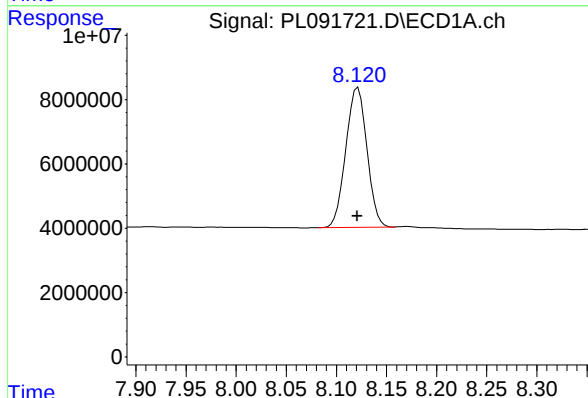
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



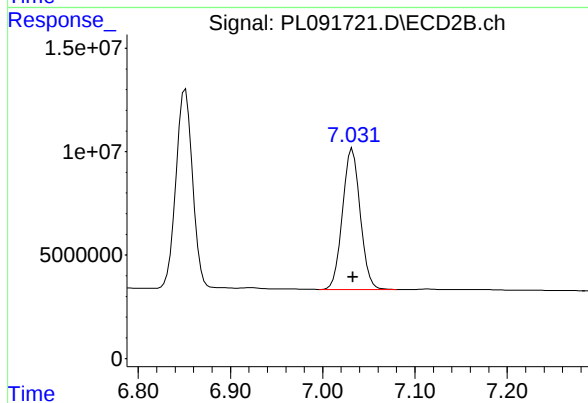
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 120470611
Conc: 59.89 ng/ml



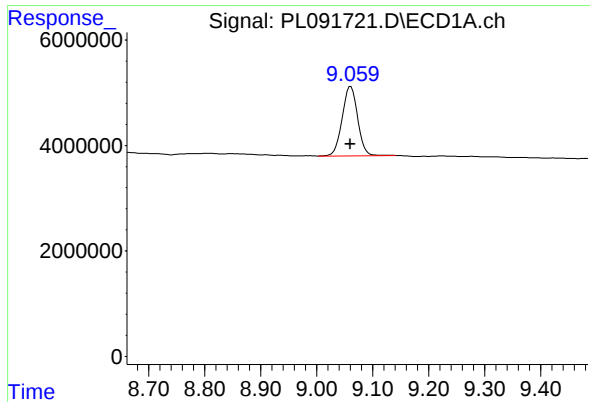
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 63879189
Conc: 53.35 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 90481073
Conc: 51.03 ng/ml



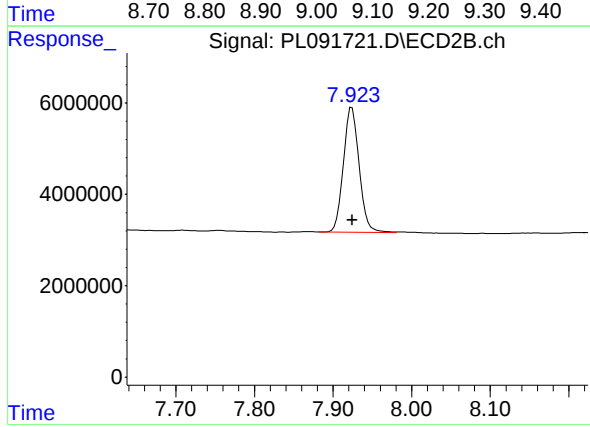
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 25276300
Conc: 20.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163376BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 38048681
Conc: 20.61 ng/ml