

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062424\
 Data File : PL090328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2024 22:08
 Operator : AR\AJ
 Sample : PB161657BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB161657BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2024
 Supervised By :Ankita Jodhani 06/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 03:01:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 01:45:30 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...	3.547	2.790	55047301	35903637	24.254	22.699
28)	SA Decachlor...	9.059	7.935	37429587	32877820	24.270	22.040
Target Compounds							
2)	A alpha-BHC	4.002	3.294	163.2E6	124.8E6	52.018	55.827
3)	MA gamma-BHC...	4.335	3.625	160.6E6	124.1E6	53.442	58.034
4)	MA Heptachlor	4.922	3.966	146.9E6	117.4E6	52.851m	56.474
5)	MB Aldrin	5.264	4.245	144.9E6	117.6E6	52.946m	59.454m
6)	B beta-BHC	4.530	3.923	72295228	52162528	53.672	54.033
7)	B delta-BHC	4.777	4.153	141.7E6	108.9E6	50.257	53.678
8)	B Heptachlo...	5.691	4.749	140.9E6	107.4E6	55.247	58.458
9)	A Endosulfan I	6.076	5.118	126.6E6	88688964	53.741	51.256m
10)	B gamma-Chl...	5.947	4.999	142.8E6	109.6E6	56.510	57.201
11)	B alpha-Chl...	6.026	5.063	137.2E6	110.4E6	54.986	57.624
12)	B 4,4'-DDE	6.197	5.252	112.5E6	100.0E6	51.532m	60.381
13)	MA Dieldrin	6.351	5.382	132.5E6	130.8E6	54.215	70.912m#
14)	MA Endrin	6.581	5.659	114.7E6	96639133	54.108	58.443
15)	B Endosulfa...	6.799	5.953	118.1E6	96116136	53.424	58.580
16)	A 4,4'-DDD	6.714	5.807	102.3E6	81328335	55.815	59.336
17)	MA 4,4'-DDT	7.028	6.057	105.7E6	88467046	55.072	59.770
18)	B Endrin al...	6.929	6.132	92229071	75896273	54.625	59.597
19)	B Endosulfa...	7.163	6.355	106.9E6	90944609	53.984	58.158
20)	A Methoxychlor	7.503	6.633	57562380	49603184	55.857	59.457
21)	B Endrin ke...	7.646	6.859	121.1E6	103.7E6	55.852m	57.921m
22)	Mirex	8.122	7.043	90210627	79928006	51.884	52.339

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062424\
Data File : PL090328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2024 22:08
Operator : AR\AJ
Sample : PB161657BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

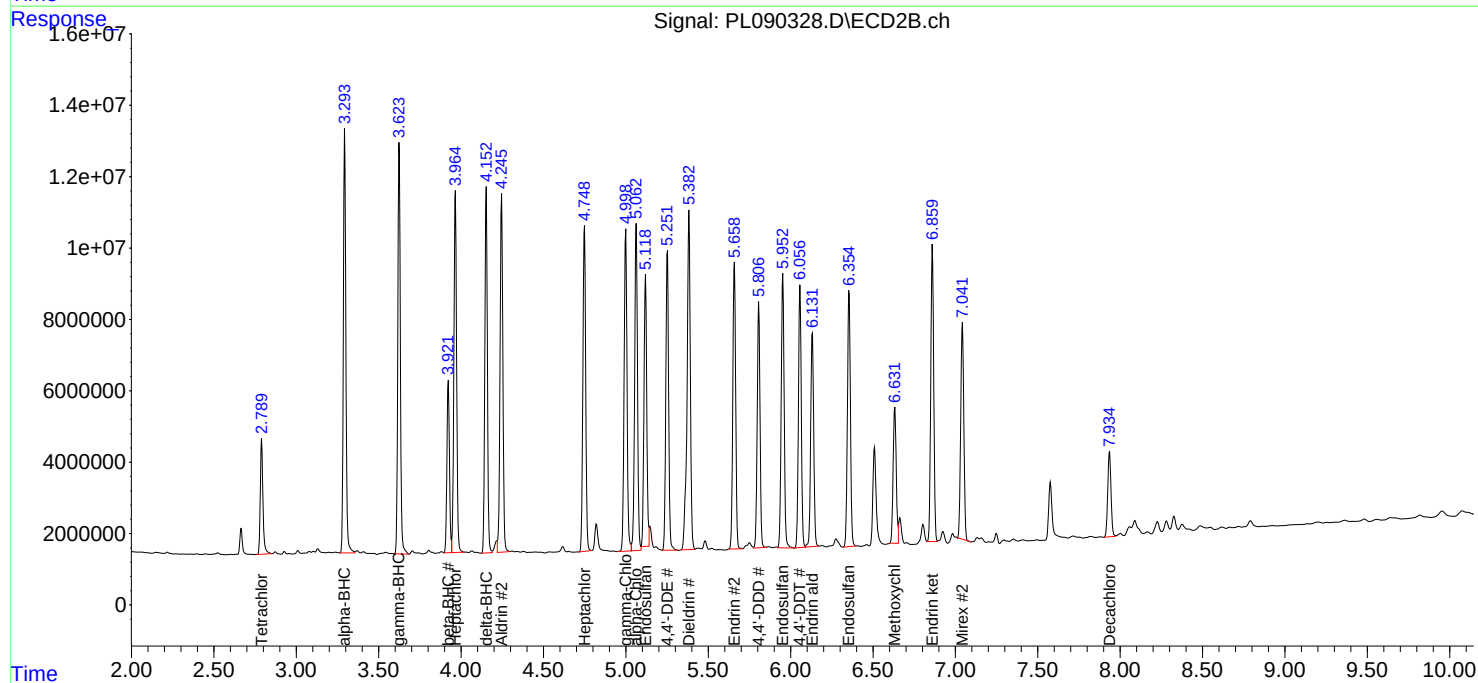
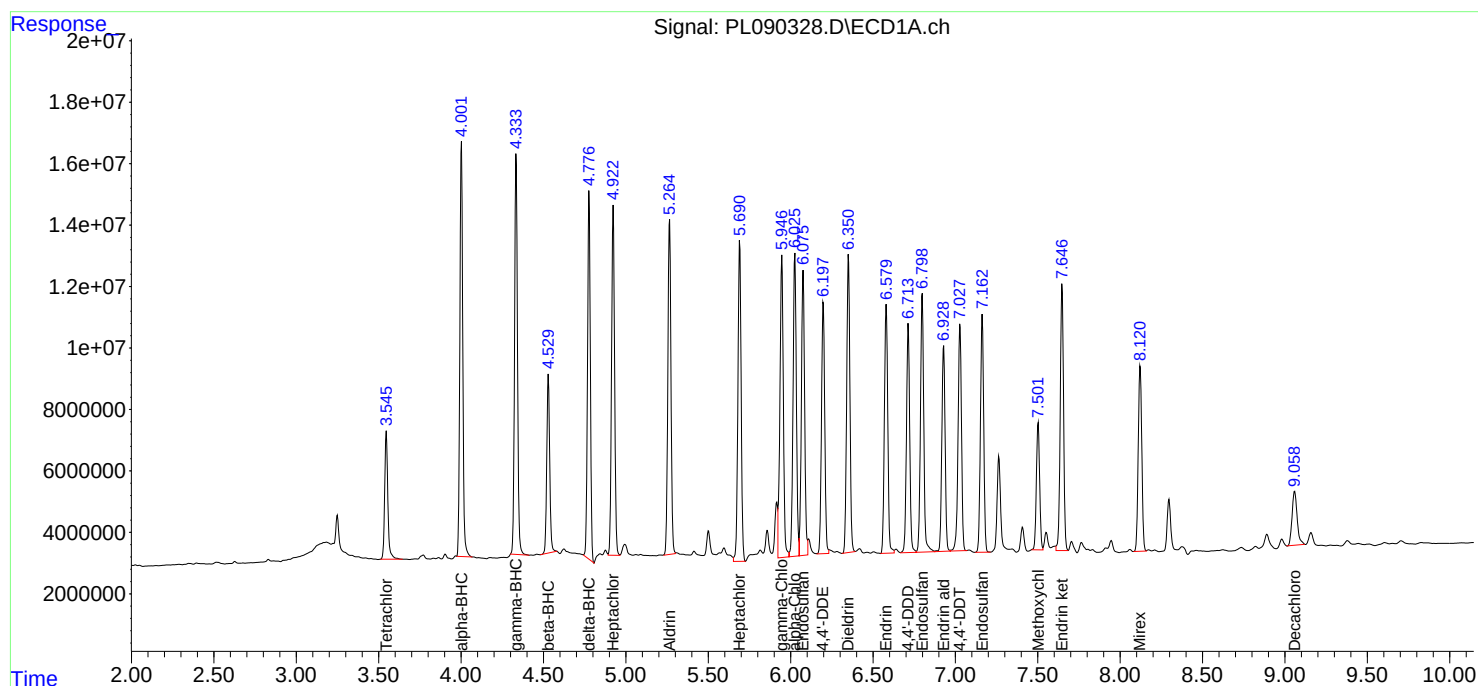
Instrument :
ECD_L
ClientSampleId :
PB161657BS

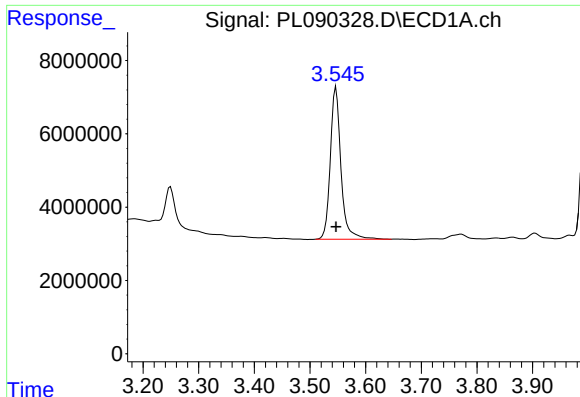
Manual Integrations
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Supervised By :Ankita Jodhani 06/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 03:01:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 01:45:30 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.: 3.547 min
Delta R.T.: 0.000 min
Response: 55047301
Conc: 24.25 ng/ml

Instrument :

ECD_L

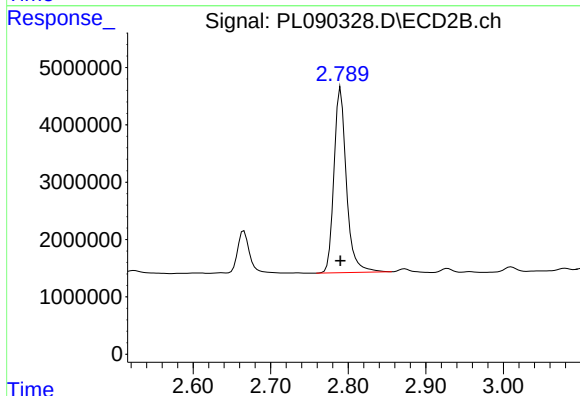
ClientSampleId :

PB161657BS

Manual Integrations

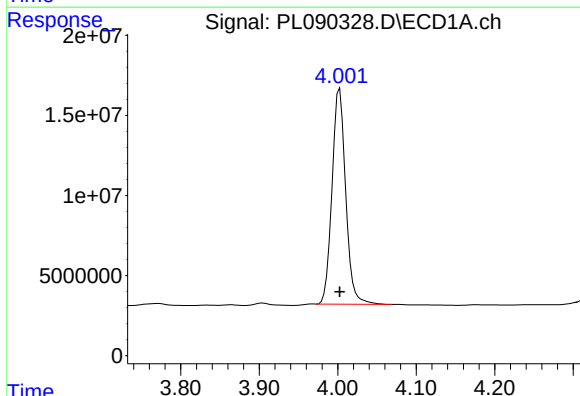
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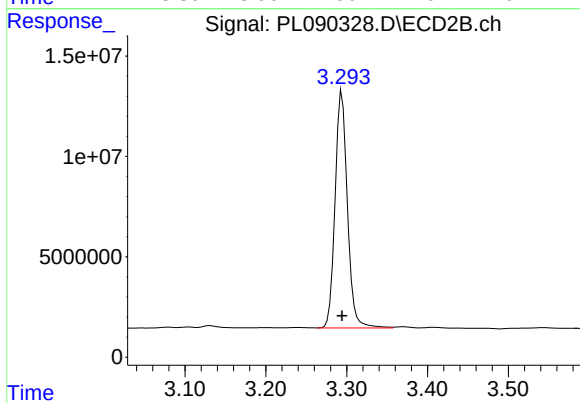
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 35903637
Conc: 22.70 ng/ml



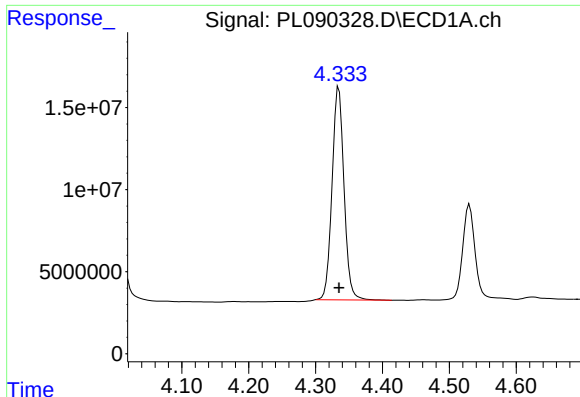
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 163153964
Conc: 52.02 ng/ml



#2 alpha-BHC

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 124801912
Conc: 55.83 ng/ml



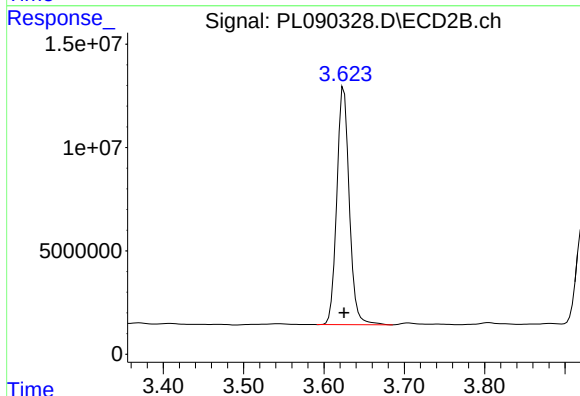
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 160646815
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

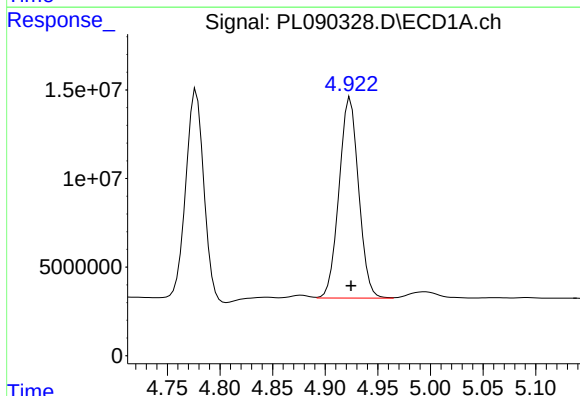
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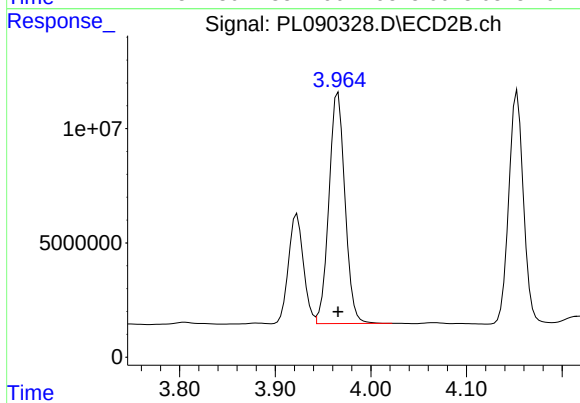
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 124076015
Conc: 58.03 ng/ml



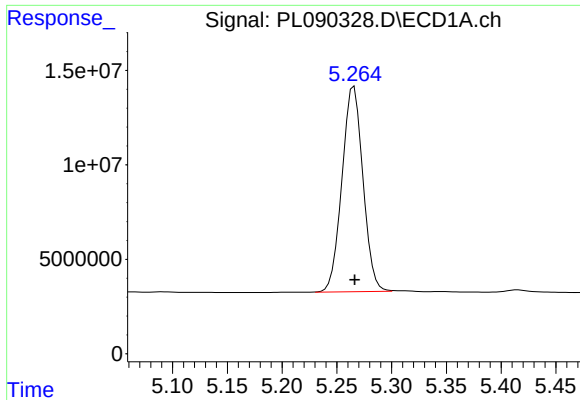
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 146877027
Conc: 52.85 ng/ml m



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 117401752
Conc: 56.47 ng/ml



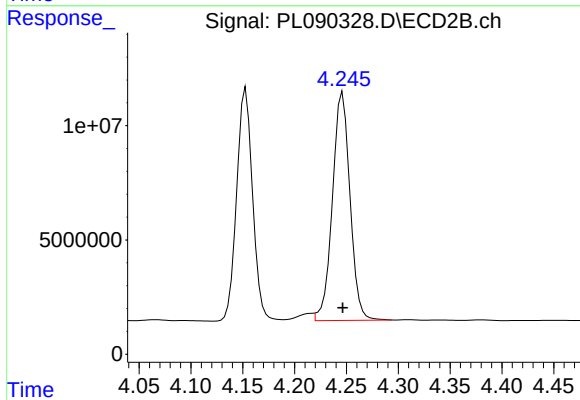
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 144939931
Conc: 52.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

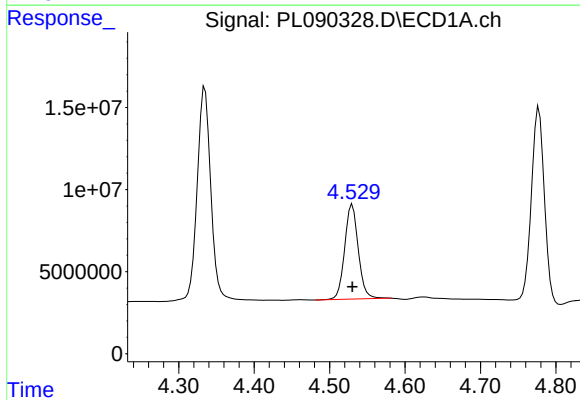
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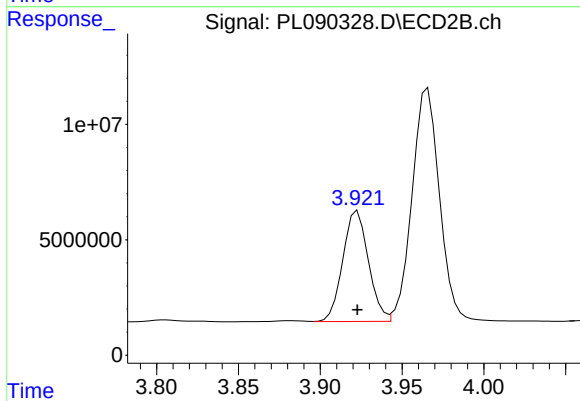
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: -0.002 min
Response: 117623004
Conc: 59.45 ng/ml m



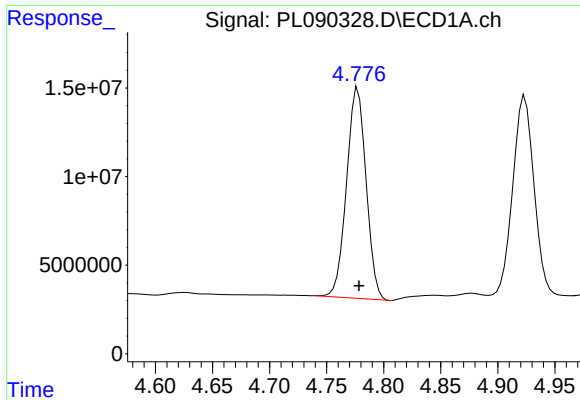
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 72295228
Conc: 53.67 ng/ml



#6 beta-BHC

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 52162528
Conc: 54.03 ng/ml



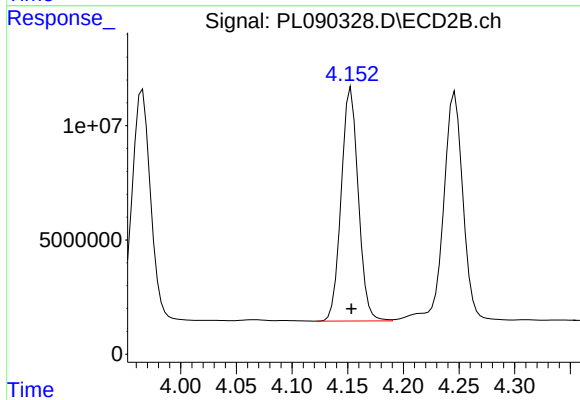
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 141747112
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

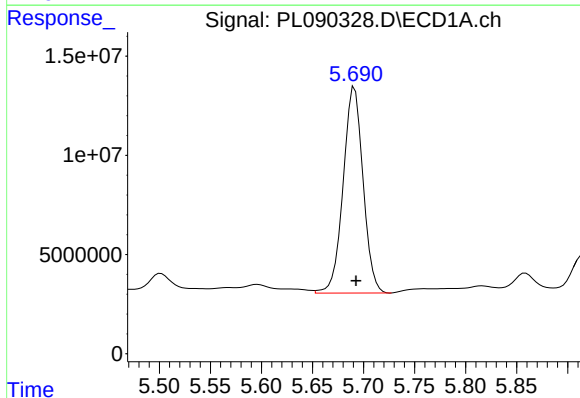
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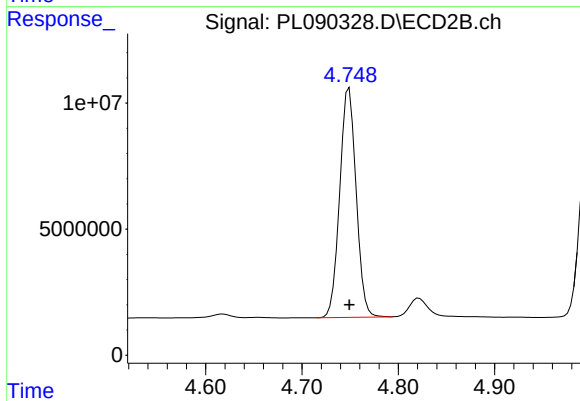
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 108901142
Conc: 53.68 ng/ml



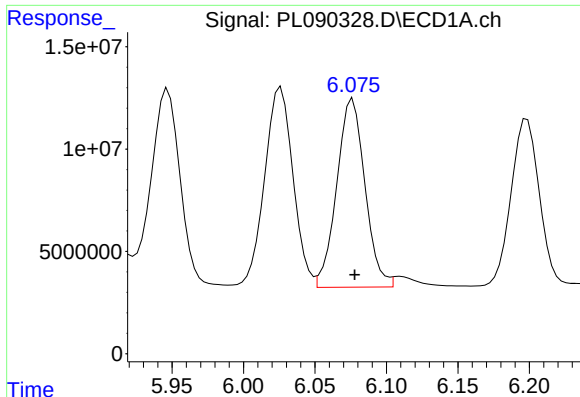
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 140887946
Conc: 55.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 107396518
Conc: 58.46 ng/ml



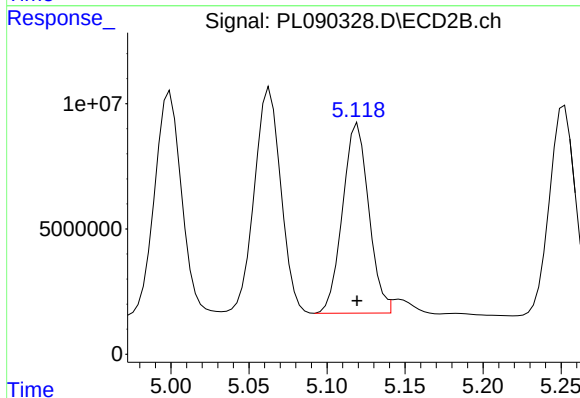
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 126552039
Conc: 53.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

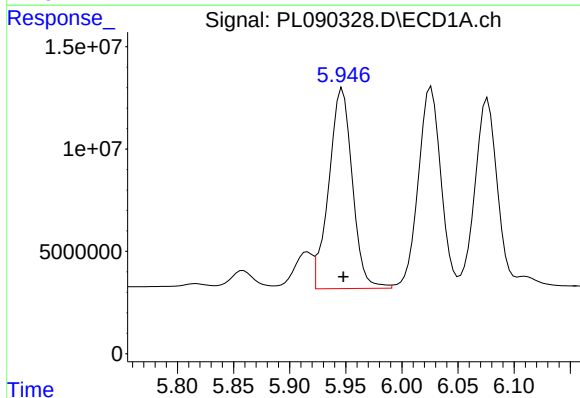
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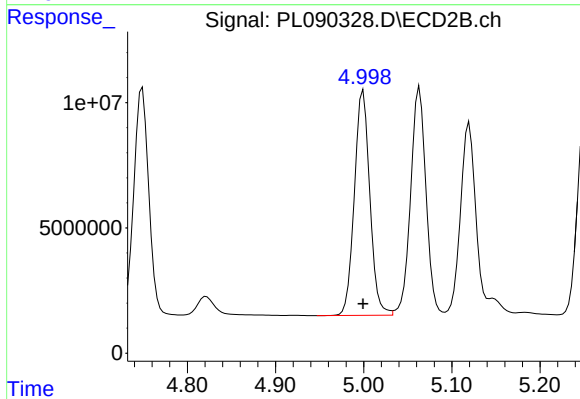
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 88688964
Conc: 51.26 ng/ml m



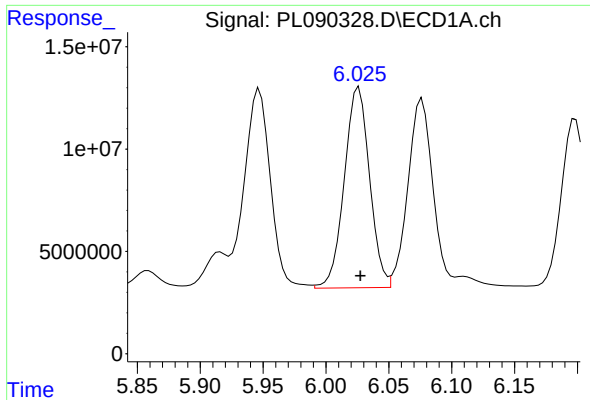
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 142789540
Conc: 56.51 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 109629585
Conc: 57.20 ng/ml



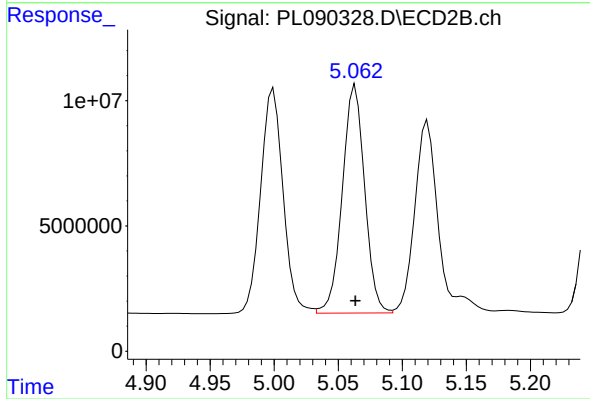
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.001 min
Response: 137154488
Conc: 54.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

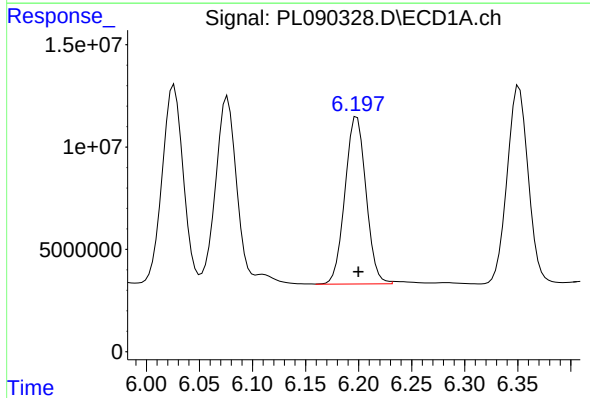
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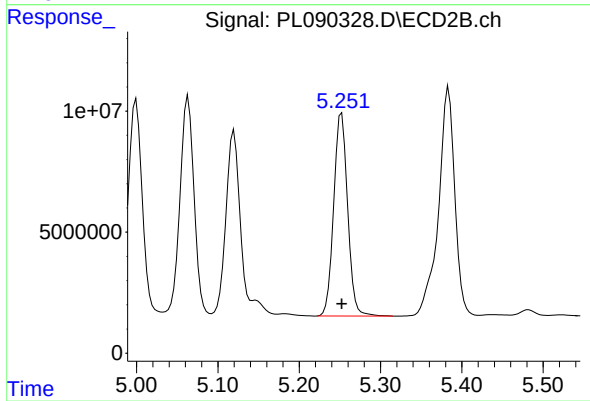
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 110367634
Conc: 57.62 ng/ml



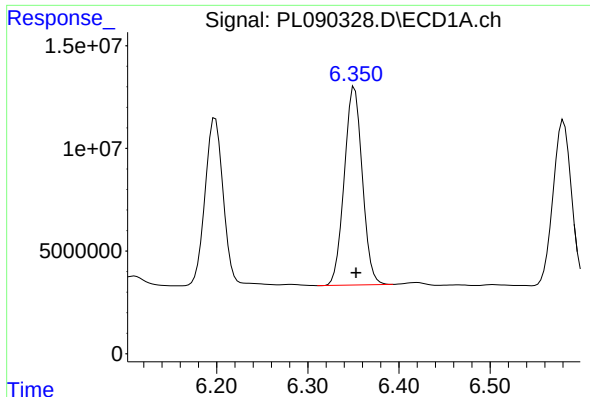
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.003 min
Response: 112493192
Conc: 51.53 ng/ml m



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 100024095
Conc: 60.38 ng/ml



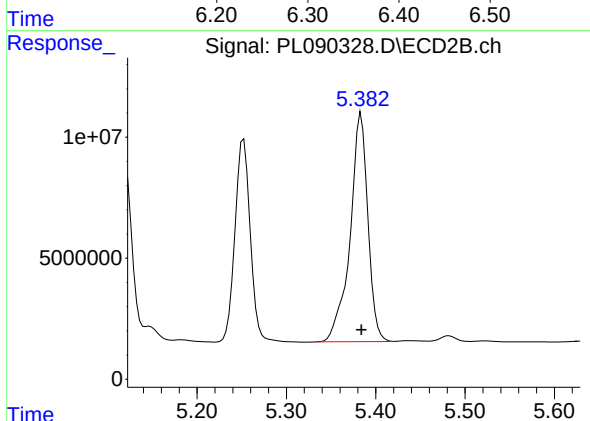
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 132549593
Conc: 54.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

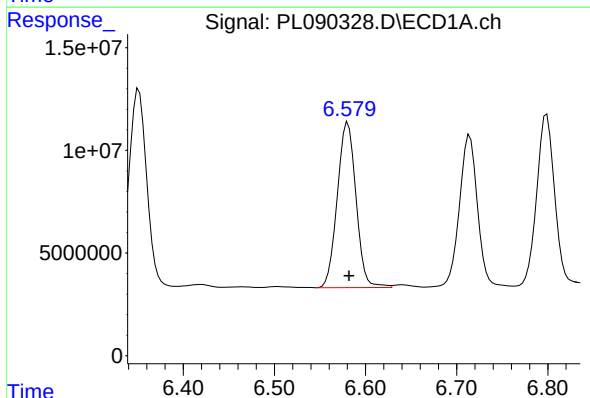
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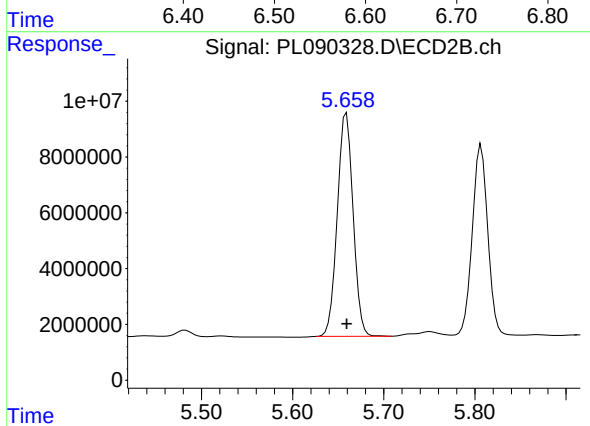
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 130792680
Conc: 70.91 ng/ml m



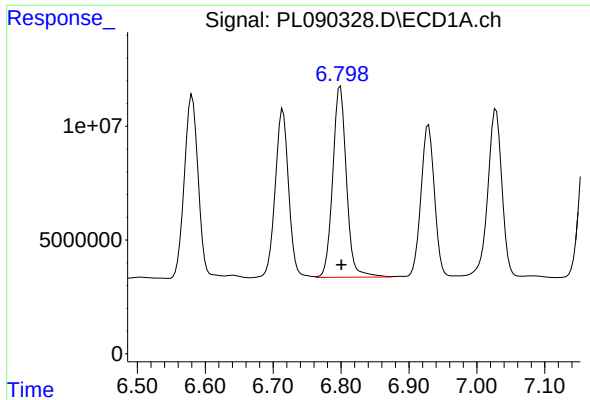
#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.001 min
Response: 114724339
Conc: 54.11 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 96639133
Conc: 58.44 ng/ml



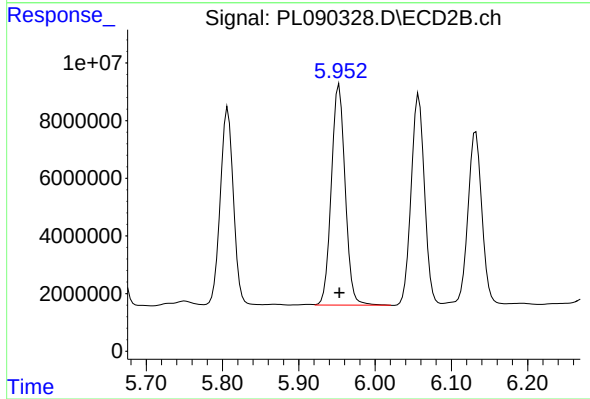
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: -0.002 min
Response: 118125518
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

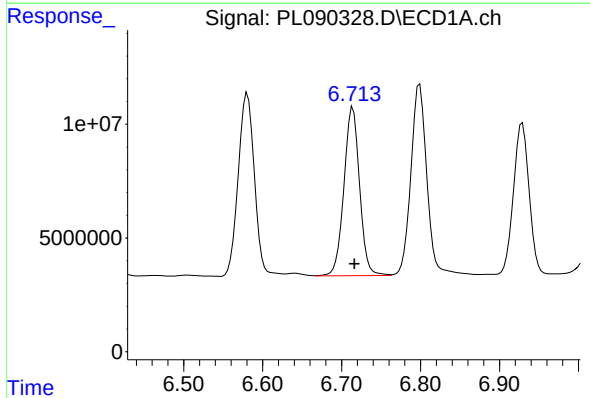
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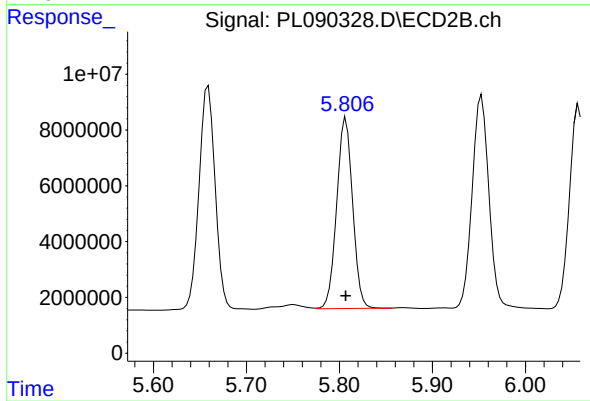
#15 Endosulfan II

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 96116136
Conc: 58.58 ng/ml



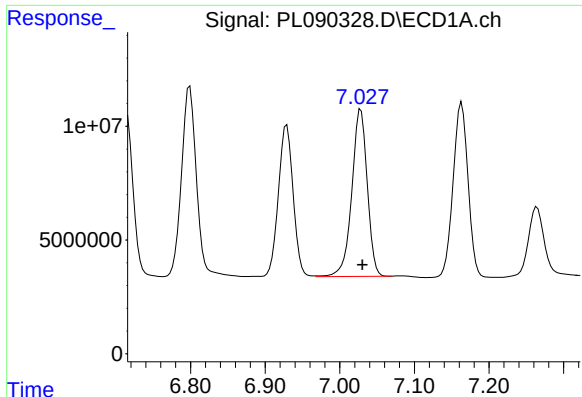
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 102257907
Conc: 55.82 ng/ml



#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 81328335
Conc: 59.34 ng/ml



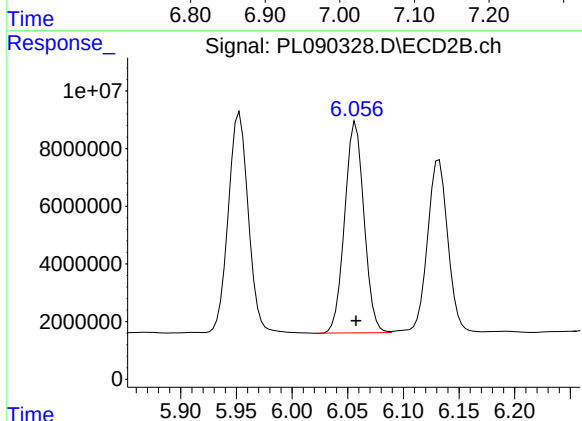
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 105679514
Conc: 55.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

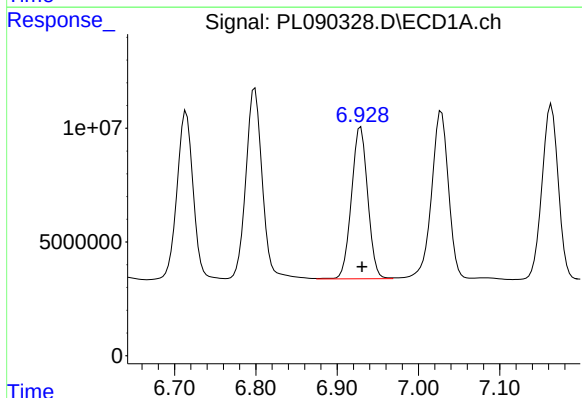
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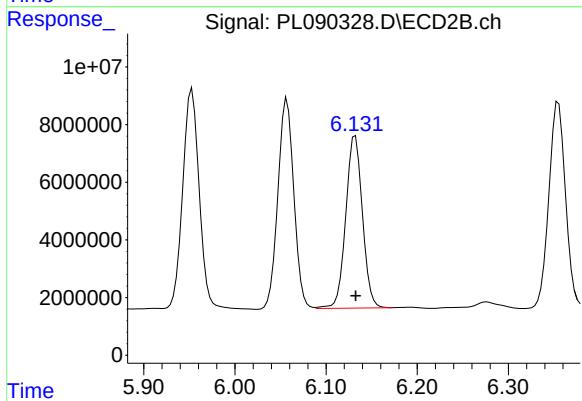
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 88467046
Conc: 59.77 ng/ml



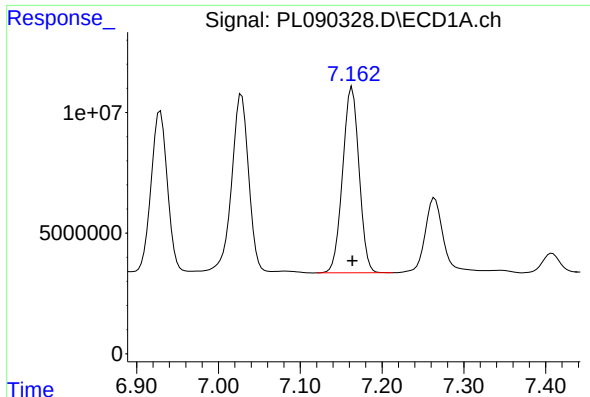
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 92229071
Conc: 54.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 75896273
Conc: 59.60 ng/ml



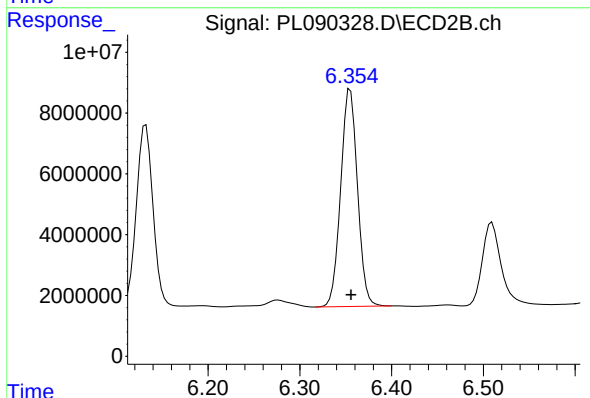
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 106925642
Conc: 53.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

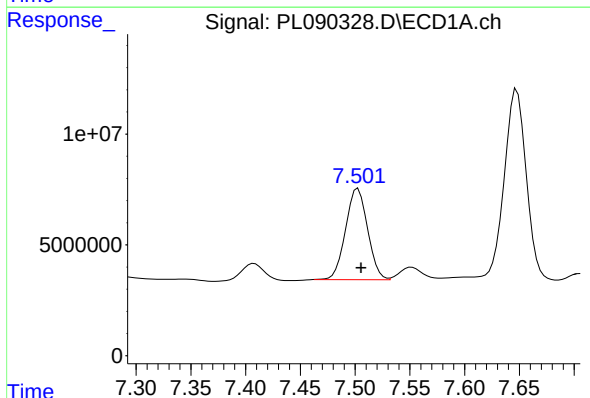
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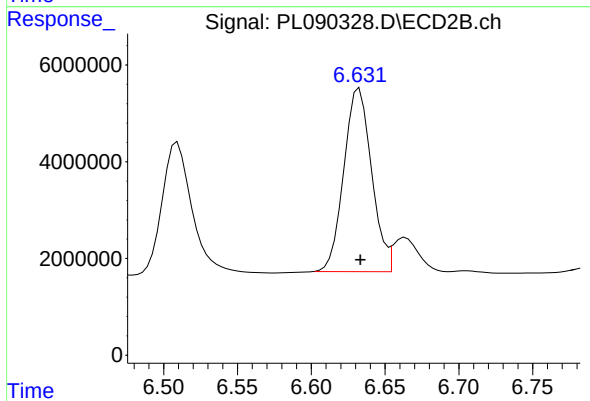
#19 Endosulfan Sulfate

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 90944609
Conc: 58.16 ng/ml



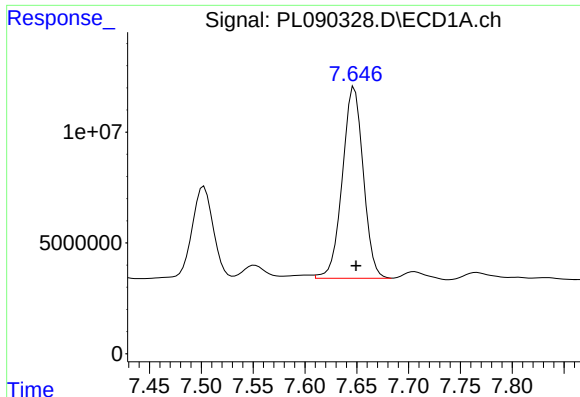
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.003 min
Response: 57562380
Conc: 55.86 ng/ml



#20 Methoxychlor

R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 49603184
Conc: 59.46 ng/ml



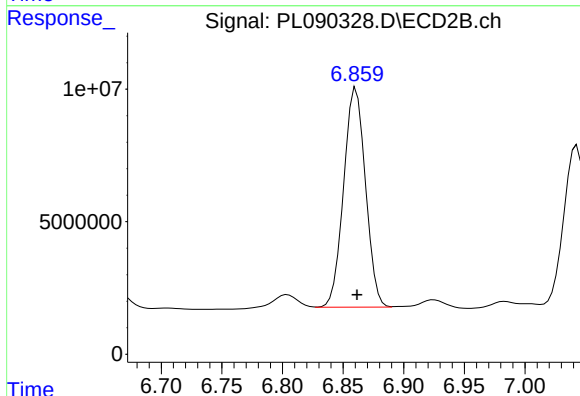
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 121148002
Conc: 55.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

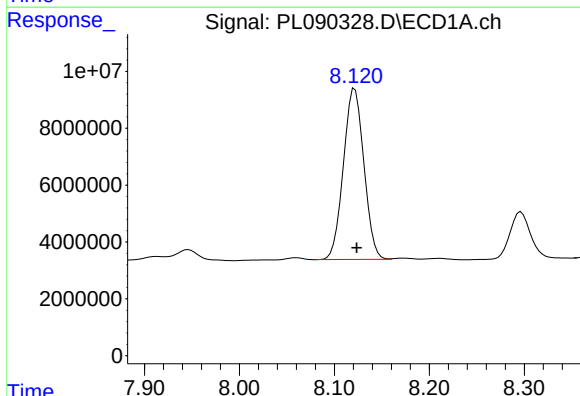
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APPROVED

Reviewed By :Abdul Mirza 06/25/2024
Supervised By :Ankita Jodhani 06/25/2024



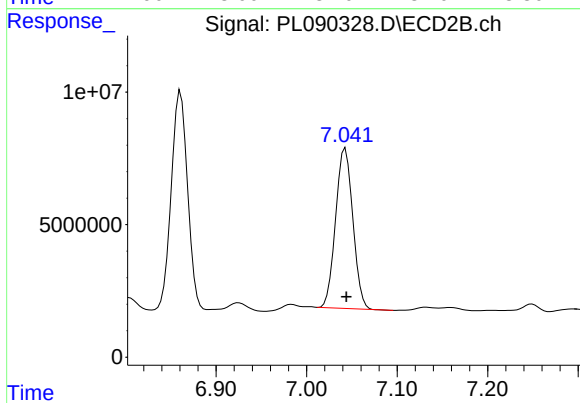
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: -0.002 min
Response: 103708699
Conc: 57.92 ng/ml m



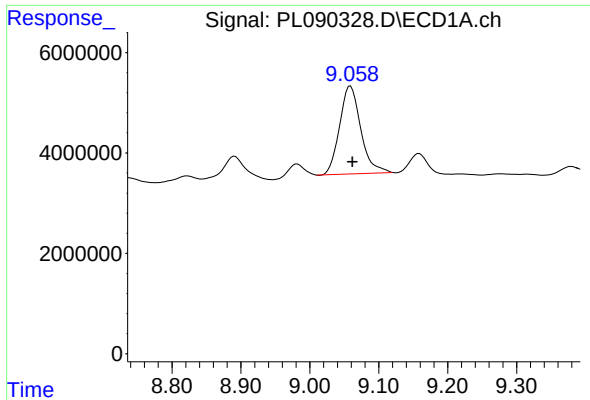
#22 Mirex

R.T.: 8.122 min
Delta R.T.: -0.002 min
Response: 90210627
Conc: 51.88 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: -0.001 min
Response: 79928006
Conc: 52.34 ng/ml



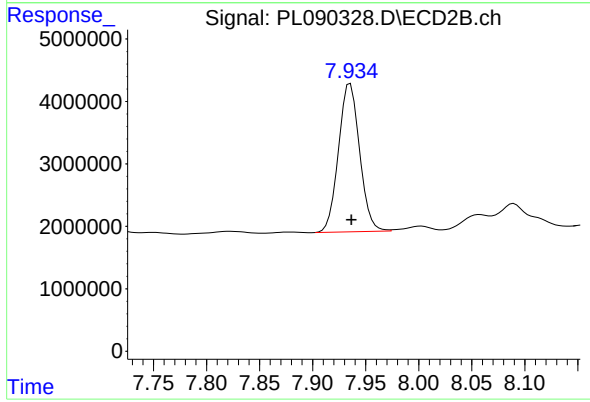
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.003 min
Response: 37429587
Conc: 24.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161657BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: -0.001 min
Response: 32877820
Conc: 22.04 ng/ml