

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 11:12
 Operator : AR\AJ
 Sample : Q3519-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-01-103125MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/05/2025
 Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:30:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	2.874	33393126	353.9E6	10.723m	11.886
2)	SA Decachlor...	9.064	8.058	52804111	240.9E6	11.288	7.954 #
Target Compounds							
2)	A alpha-BHC	3.993	3.385	287.8E6	1736.6E6	40.106	33.986
3)	MA gamma-BHC...	4.322	3.722	270.7E6	1741.0E6	39.811m	36.849
4)	MA Heptachlor	4.921	4.073	276.6E6	1733.6E6	49.490	38.868
5)	MB Aldrin	5.263	4.359	253.8E6	1678.0E6	38.763	36.227
6)	B beta-BHC	4.511	4.018	100.9E6	738.0E6	38.511	37.219
7)	B delta-BHC	4.759	4.253	275.8E6	1727.7E6	40.787	36.207
8)	B Heptachlo...	5.683	4.862	225.8E6	1521.6E6	39.002	35.686
9)	A Endosulfan I	6.066	5.237	213.2E6	1348.0E6	38.504	34.222
10)	B gamma-Chl...	5.938	5.115	213.0E6	1584.7E6	35.908	35.256
11)	B alpha-Chl...	6.019	5.179	223.3E6	1506.2E6	36.136	34.916
12)	B 4,4'-DDE	6.189	5.363	184.4E6	1467.8E6	34.625	33.483
13)	MA Dieldrin	6.339	5.500	218.6E6	1552.9E6	37.494	35.146m
14)	MA Endrin	6.566	5.778	193.4E6	1357.2E6	39.043	33.517
15)	B Endosulfa...	6.779	6.069	180.5E6	1195.7E6	36.097	31.839
16)	A 4,4'-DDD	6.698	5.918	155.3E6	1056.0E6	38.307	28.982
17)	MA 4,4'-DDT	7.014	6.171	172.2E6	1138.4E6	41.889	32.459
18)	B Endrin al...	6.908	6.247	137.2E6	848.2E6	37.450	30.628
19)	B Endosulfa...	7.143	6.471	170.3E6	1065.9E6	36.728	29.737
20)	A Methoxychlor	7.487	6.742	90483454	478.9E6	42.569	27.477 #
21)	B Endrin ke...	7.622	6.980	179.9E6	987.4E6	37.035m	26.178 #
22)	Mirex	8.104	7.173	125.0E6	623.6E6	39.049m	24.275 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:12
Operator : AR\AJ
Sample : Q3519-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

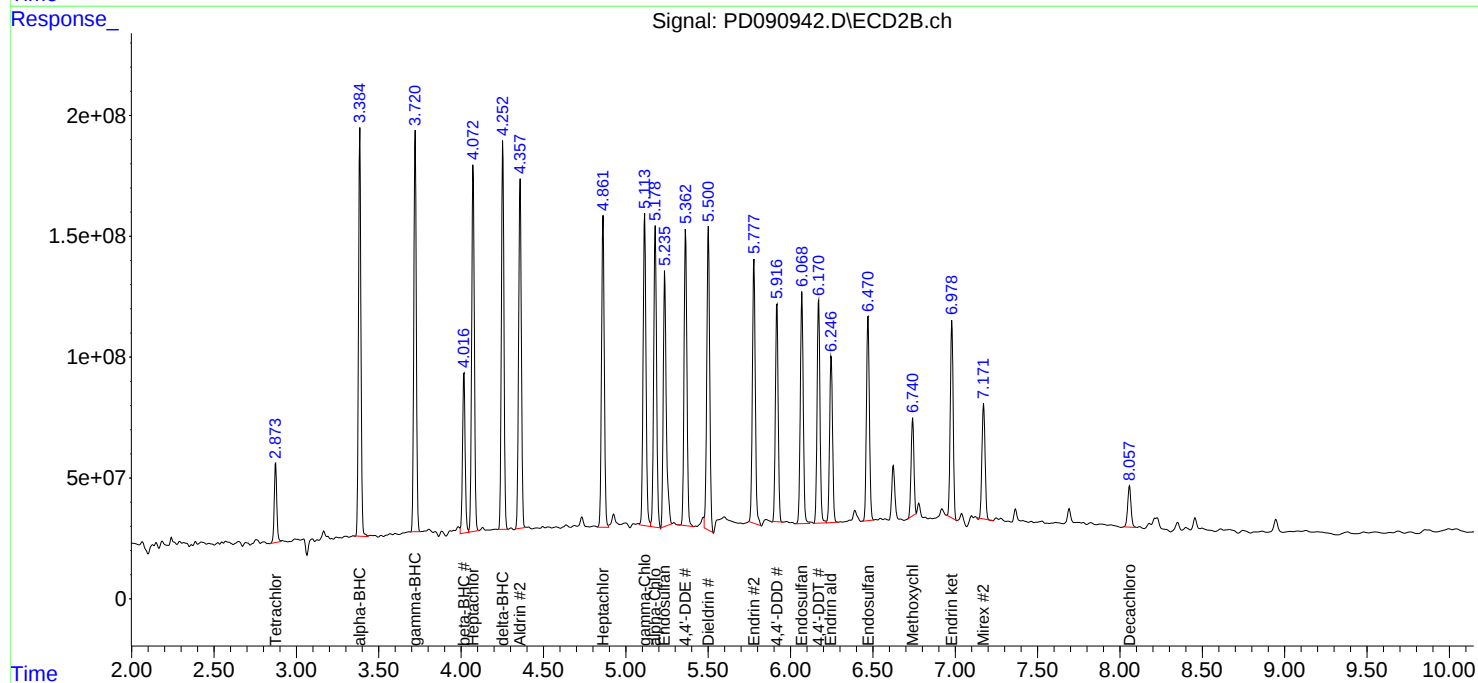
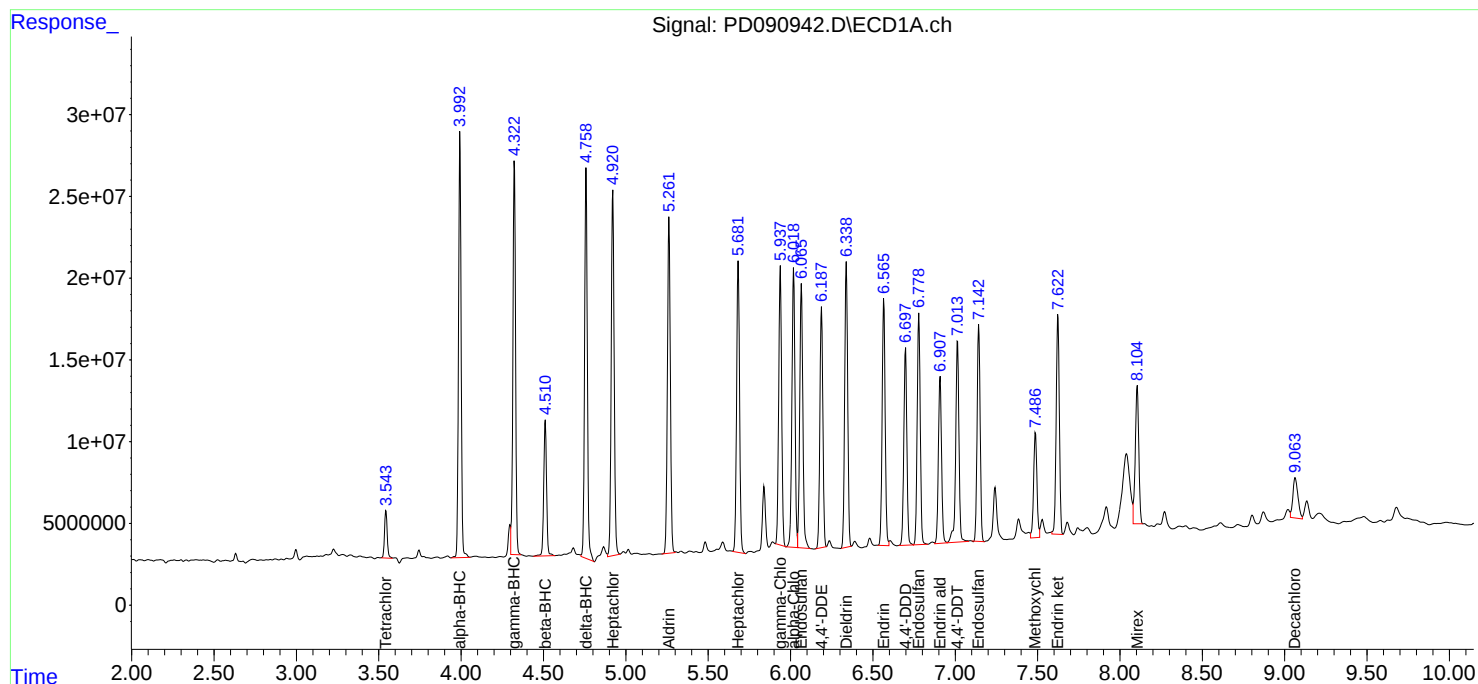
Instrument :
ECD_D
ClientSampleId :
PL-01-103125MSD

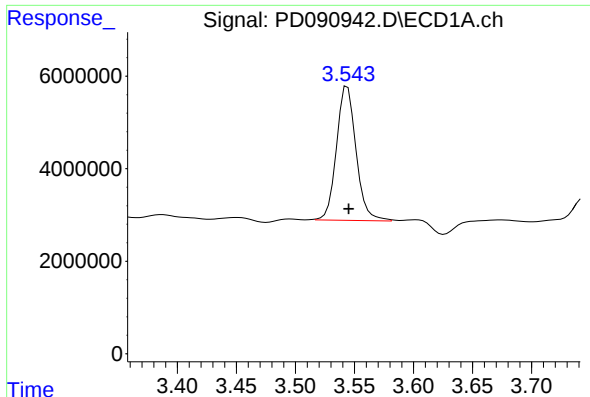
Manual Integrations
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Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:30:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





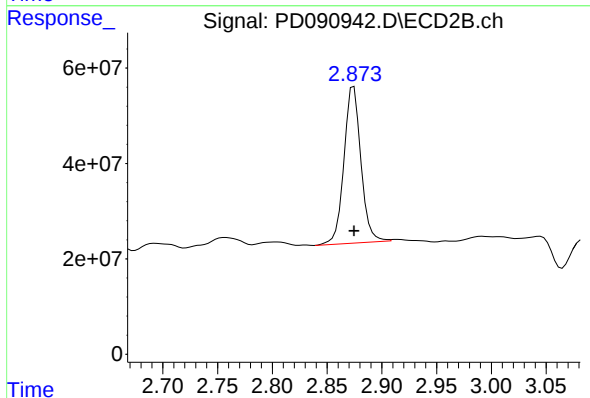
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 33393126
Conc: 10.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MSD

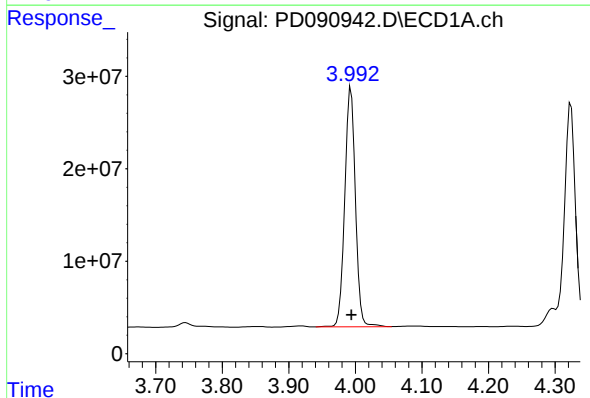
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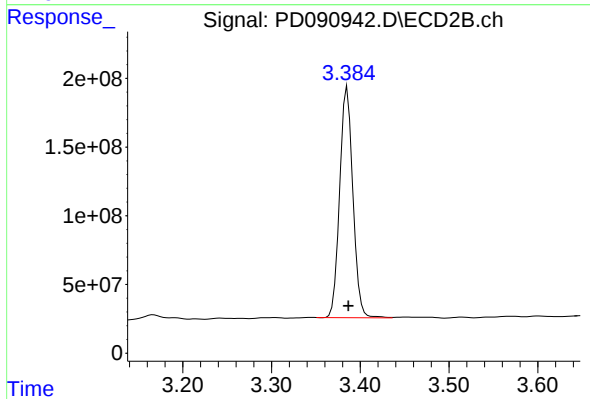
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 353942397
Conc: 11.89 ng/ml



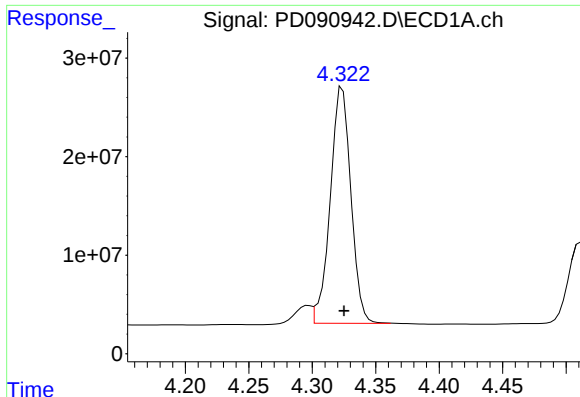
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 287847949
Conc: 40.11 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 1736559606
Conc: 33.99 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 270665351
Conc: 39.81 ng/ml

Instrument :

ECD_D

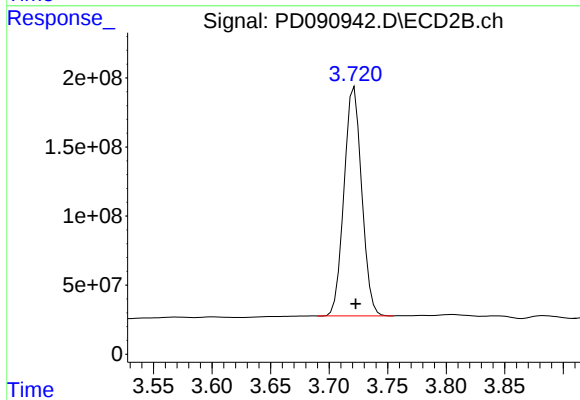
ClientSampleId :

PL-01-103125MSD

Manual Integrations

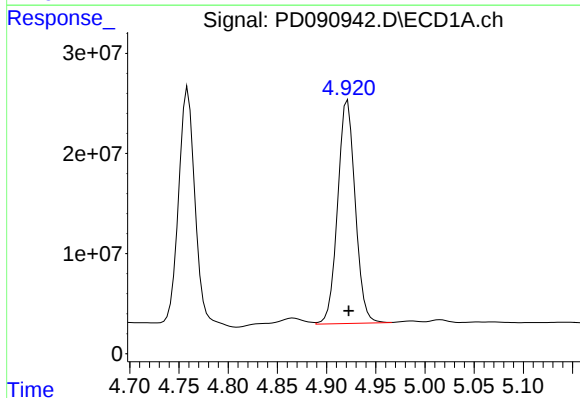
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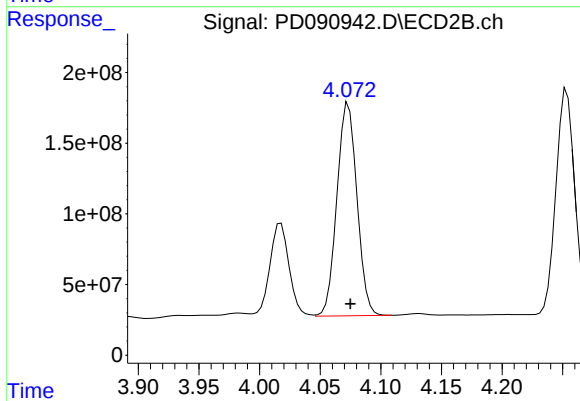
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 1741049896
Conc: 36.85 ng/ml



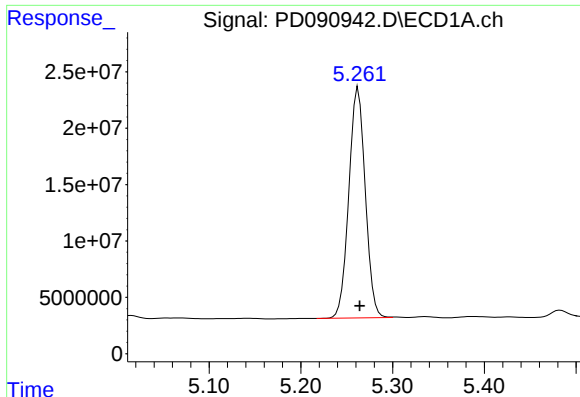
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 276627578
Conc: 49.49 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 1733622907
Conc: 38.87 ng/ml



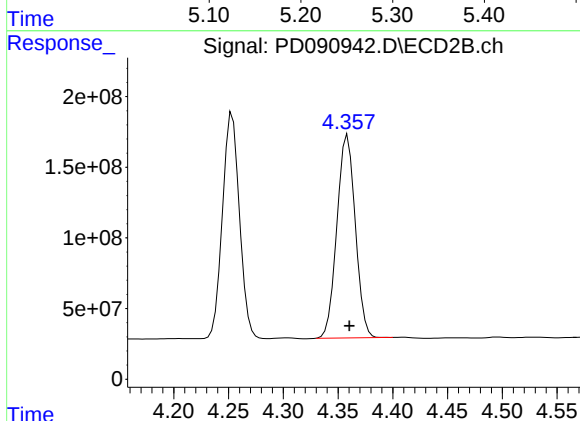
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 253790578
Conc: 38.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
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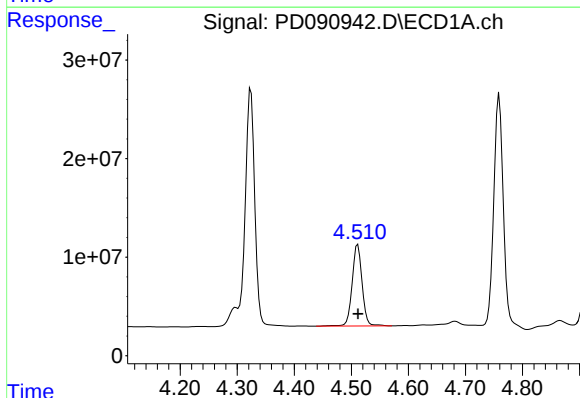
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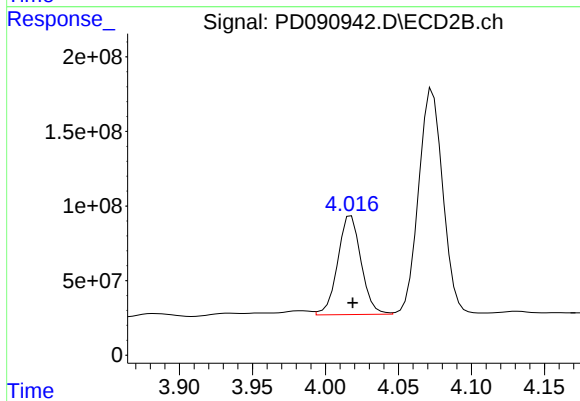
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 1677996208
Conc: 36.23 ng/ml



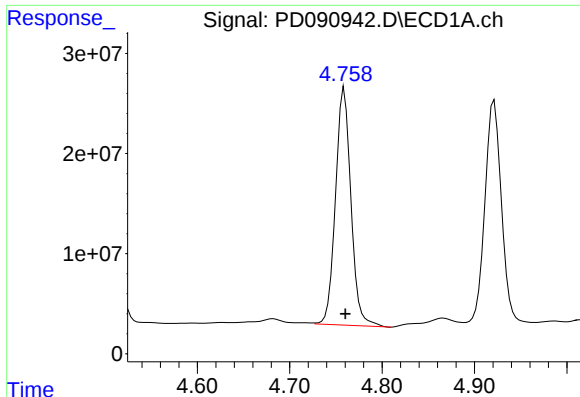
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 100883710
Conc: 38.51 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 738027122
Conc: 37.22 ng/ml



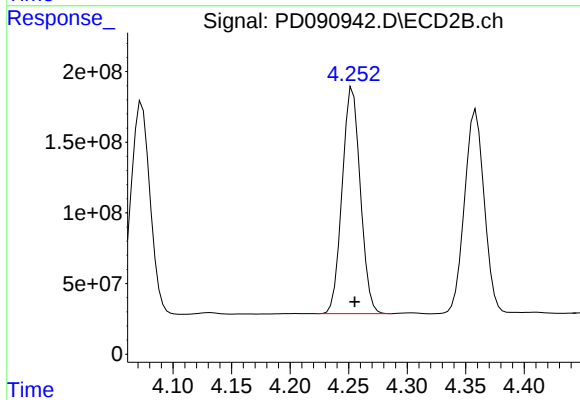
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 275790122
Conc: 40.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MSD

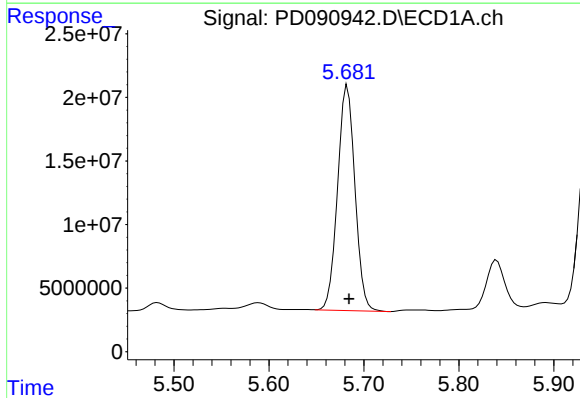
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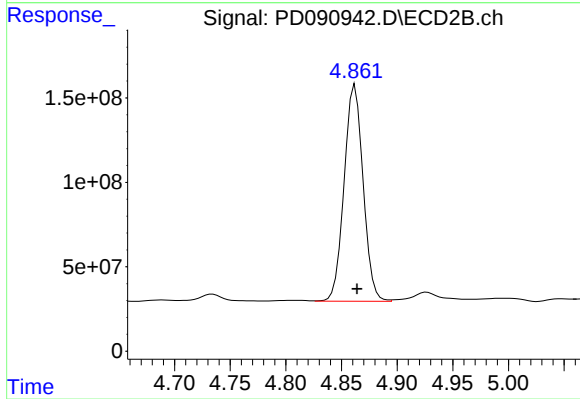
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 1727661353
Conc: 36.21 ng/ml



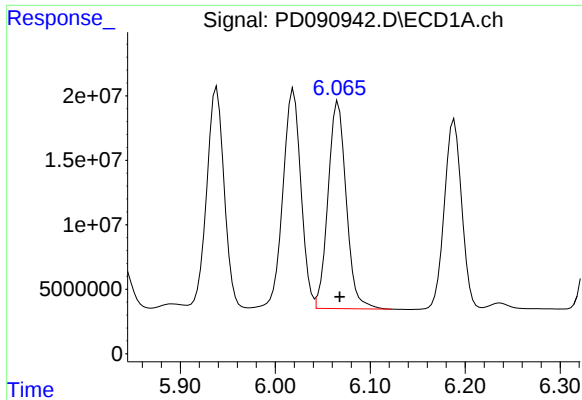
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 225786234
Conc: 39.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 1521624710
Conc: 35.69 ng/ml



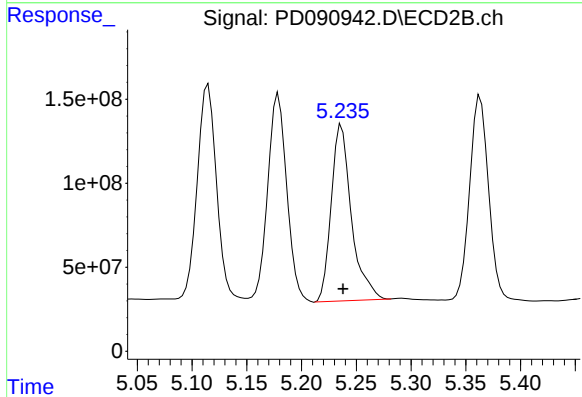
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 213183989
Conc: 38.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MSD

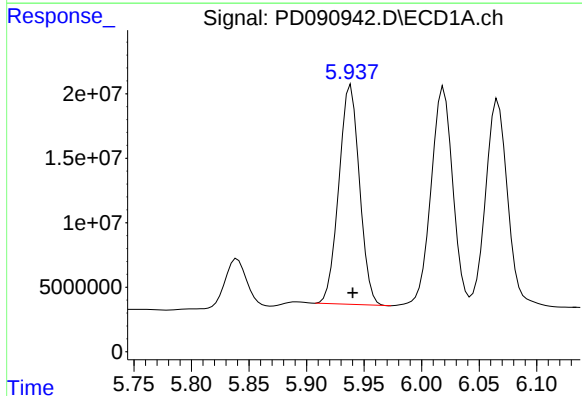
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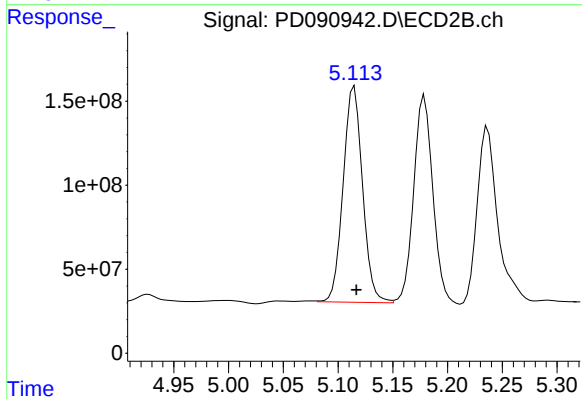
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1348035548
Conc: 34.22 ng/ml



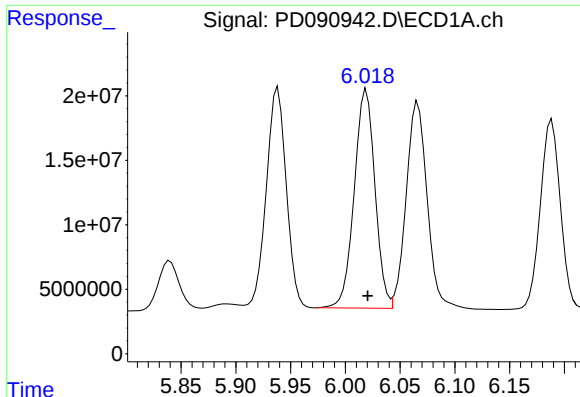
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 212977561
Conc: 35.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 1584729143
Conc: 35.26 ng/ml



#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 223328728
Conc: 36.14 ng/ml

Instrument :

ECD_D

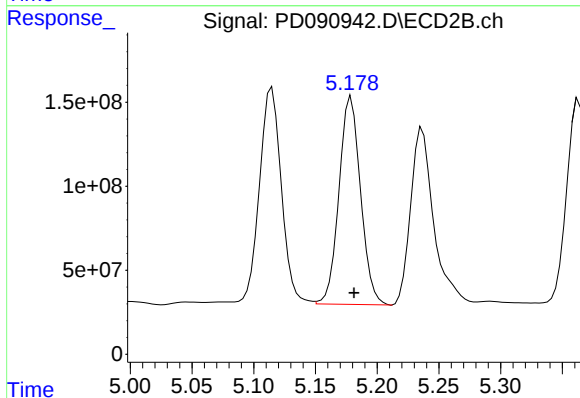
ClientSampleId :

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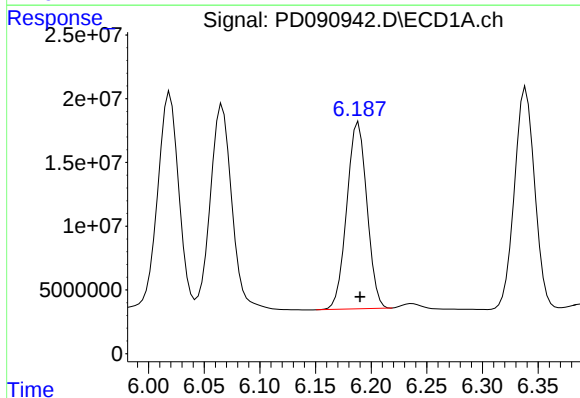
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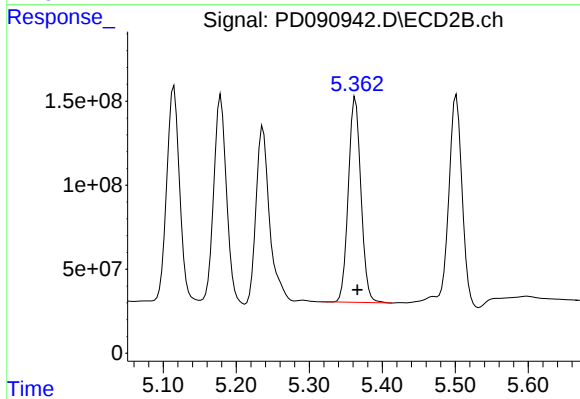
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 1506182580
Conc: 34.92 ng/ml



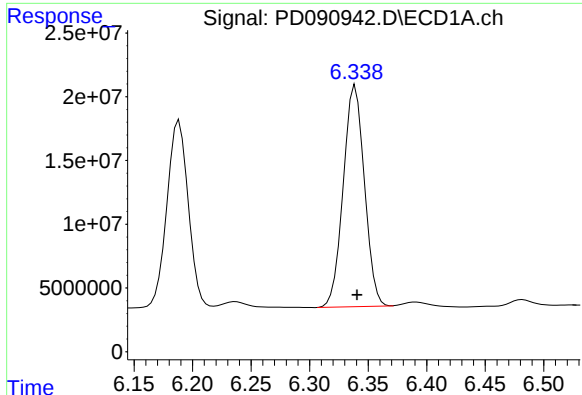
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 184435375
Conc: 34.63 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 1467827015
Conc: 33.48 ng/ml



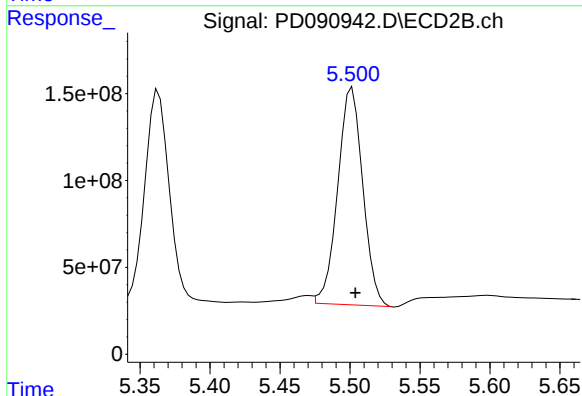
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 218638723
Conc: 37.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MSD

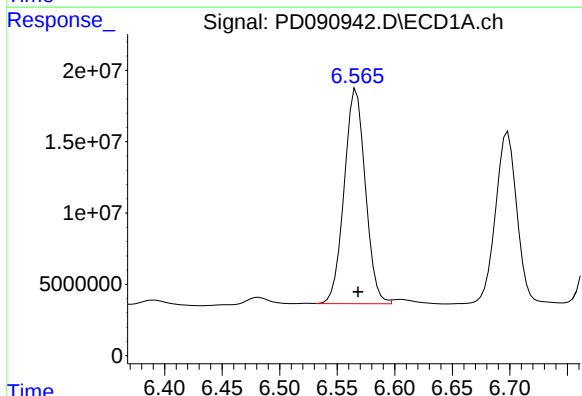
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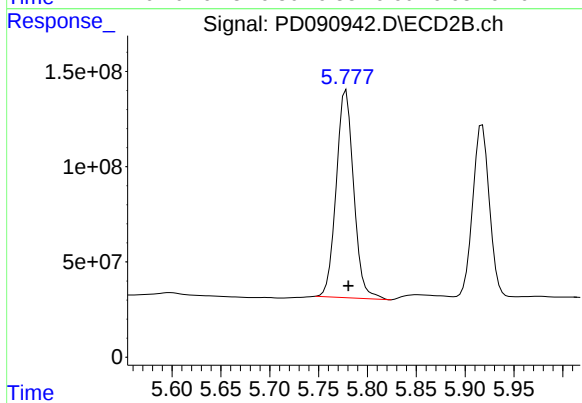
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 1552896696
Conc: 35.15 ng/ml m



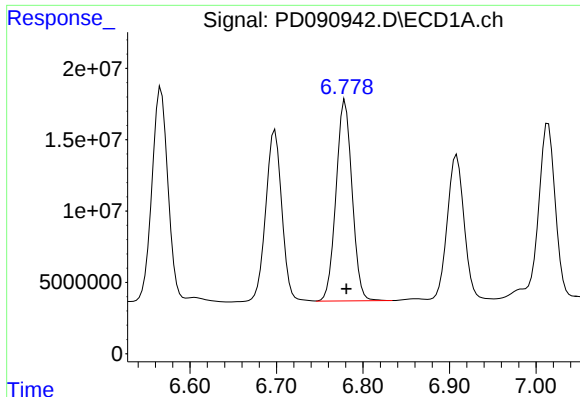
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 193405596
Conc: 39.04 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 1357247156
Conc: 33.52 ng/ml



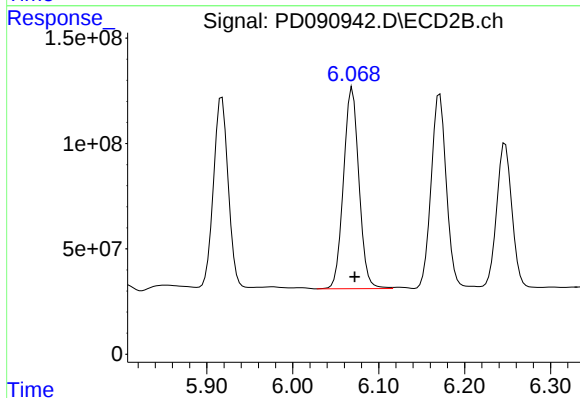
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.001 min
Response: 180482482
Conc: 36.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
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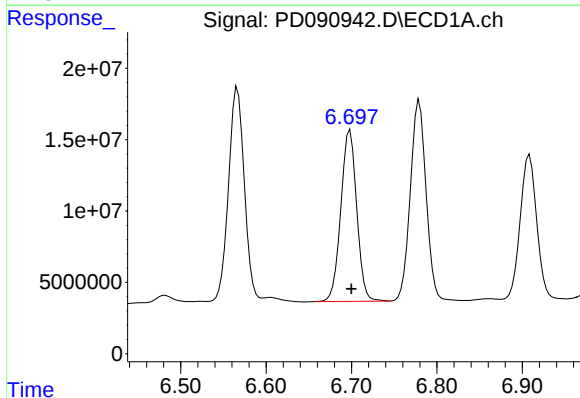
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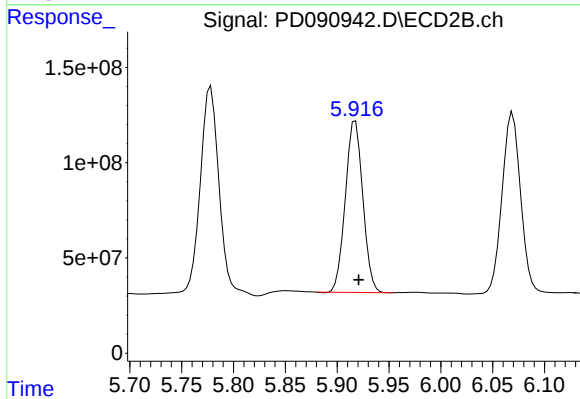
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1195738422
Conc: 31.84 ng/ml



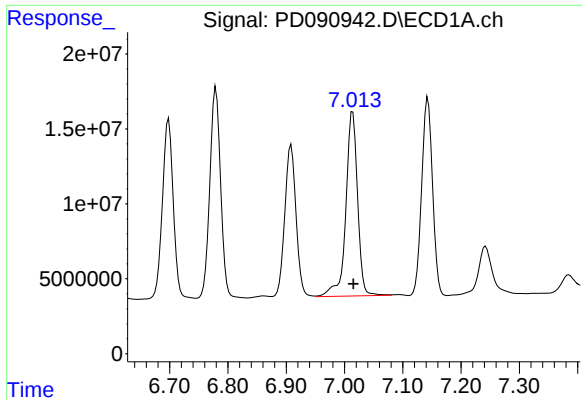
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 155303251
Conc: 38.31 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1056032339
Conc: 28.98 ng/ml



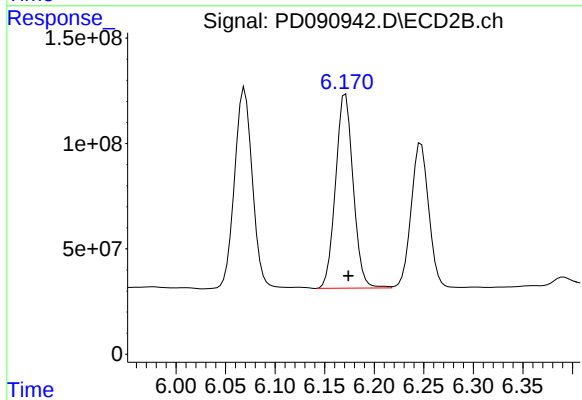
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 172184950
Conc: 41.89 ng/ml

Instrument :
ECD_D
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PL-01-103125MSD

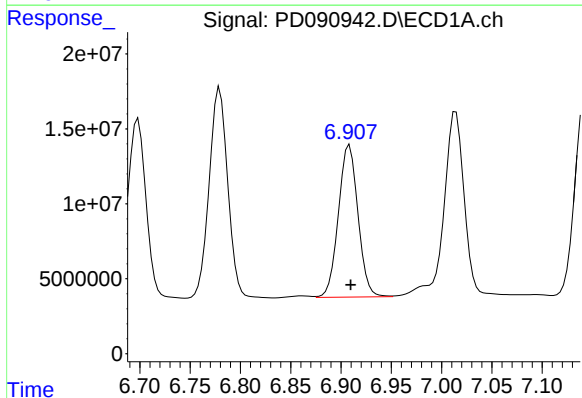
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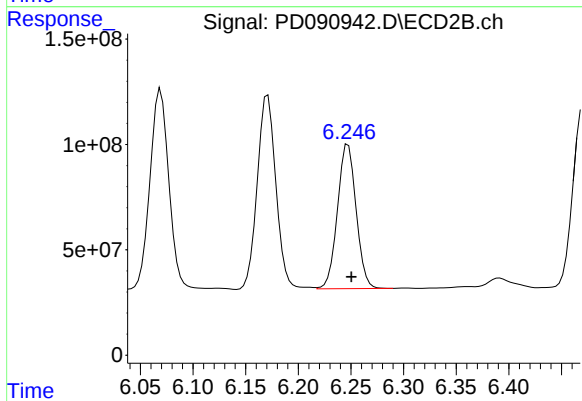
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1138430569
Conc: 32.46 ng/ml



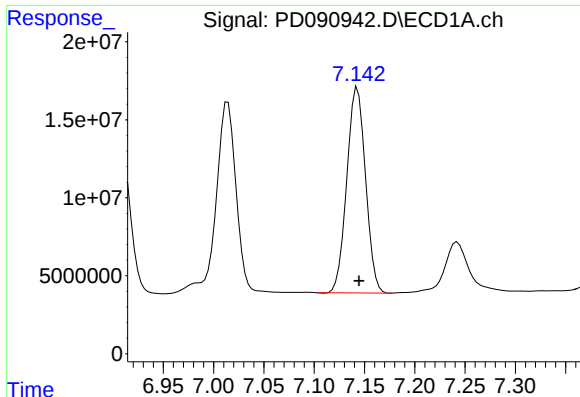
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 137167550
Conc: 37.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 848188359
Conc: 30.63 ng/ml



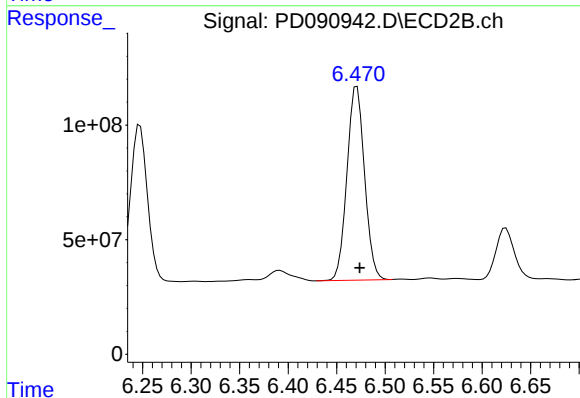
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 170349914
Conc: 36.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MSD

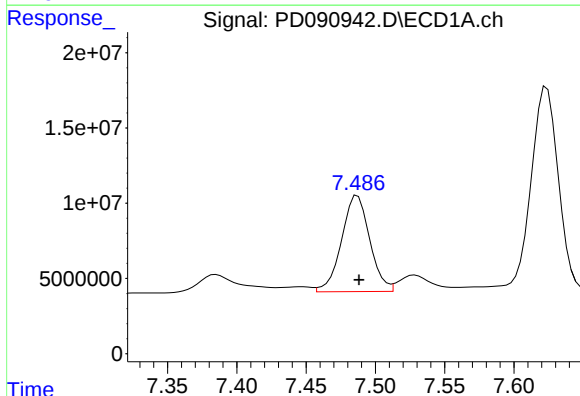
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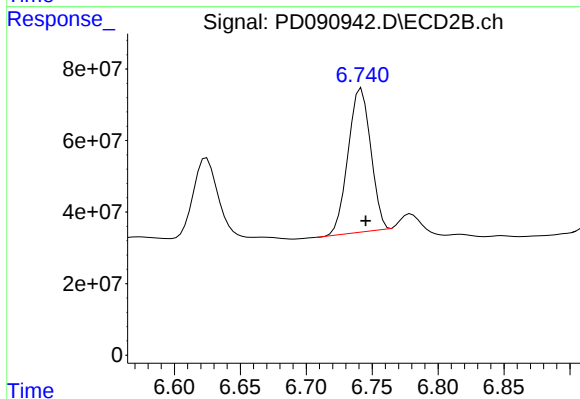
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1065933708
Conc: 29.74 ng/ml



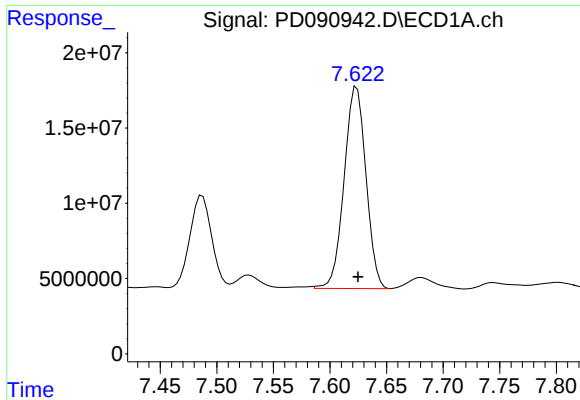
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 90483454
Conc: 42.57 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 478872353
Conc: 27.48 ng/ml



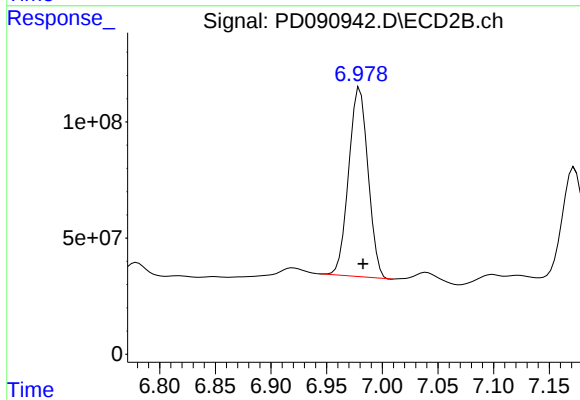
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 179949724
Conc: 37.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-01-103125MSD

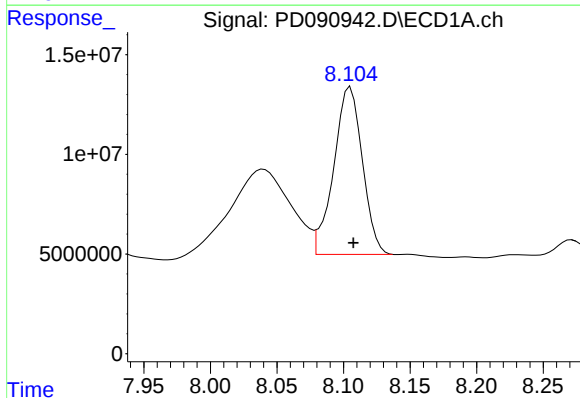
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



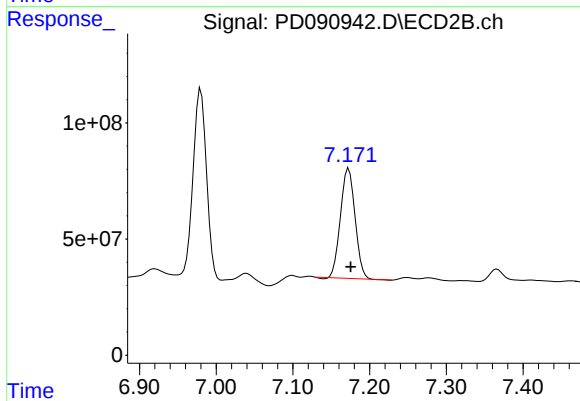
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 987366270
Conc: 26.18 ng/ml



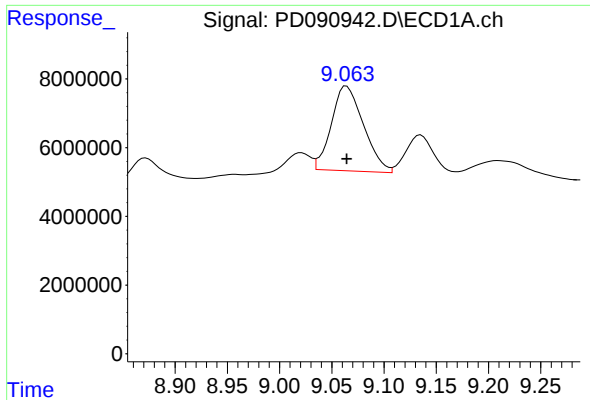
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.004 min
Response: 124990185
Conc: 39.05 ng/ml m



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 623639282
Conc: 24.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 52804111
Conc: 11.29 ng/ml

Instrument :

ECD_D

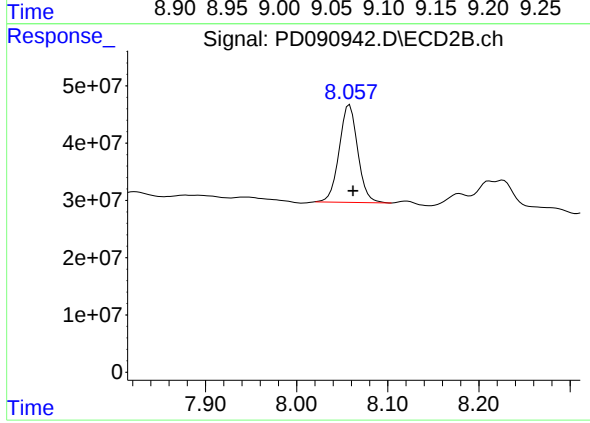
ClientSampleId :

PL-01-103125MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 240928901
Conc: 7.95 ng/ml