

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
 Data File : PD091556.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 14:29
 Operator : AR\AJ
 Sample : PB170884BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170884BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/12/2025
 Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 03:07:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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	2.870	62614099	824.6E6	18.027	20.928
28)	SA Decachlor...	9.066	8.057	96730359	963.1E6	18.609	23.256
Target Compounds							
2)	A alpha-BHC	3.992	3.382	348.1E6	3407.3E6	43.235	49.980
3)	MA gamma-BHC...	4.323	3.718	330.9E6	3145.7E6	44.026	55.945 #
4)	MA Heptachlor	4.921	4.070	328.5E6	3100.0E6	46.269	53.189
5)	MB Aldrin	5.262	4.354	323.1E6	3093.8E6	46.444	53.355m
6)	B beta-BHC	4.511	4.015	126.6E6	1276.8E6	43.855	53.290
7)	B delta-BHC	4.759	4.251	329.6E6	3147.8E6	55.096	52.563
8)	B Heptachlo...	5.683	4.859	298.1E6	2778.9E6	48.147	54.921
9)	A Endosulfan I	6.067	5.234	276.4E6	2320.9E6	45.241	47.376
10)	B gamma-Chl...	5.939	5.112	291.6E6	3149.9E6	45.732	56.429
11)	B alpha-Chl...	6.019	5.177	292.9E6	2951.3E6	43.618	55.111 #
12)	B 4,4'-DDE	6.189	5.360	256.4E6	2974.1E6	44.135	54.265m
13)	MA Dieldrin	6.339	5.499	295.2E6	3027.9E6	45.361	54.592
14)	MA Endrin	6.567	5.775	253.1E6	3174.1E6	45.127	60.717m#
15)	B Endosulfa...	6.781	6.067	256.6E6	2628.0E6	42.200	55.779m#
16)	A 4,4'-DDD	6.700	5.917	221.9E6	2536.9E6	48.219	55.771
17)	MA 4,4'-DDT	7.015	6.170	226.0E6	2612.5E6	43.830	55.117 #
18)	B Endrin al...	6.910	6.246	194.6E6	1959.0E6	46.581	54.888
19)	B Endosulfa...	7.144	6.470	232.0E6	2497.4E6	43.939	54.180
20)	A Methoxychlor	7.489	6.740	122.1E6	1270.7E6	45.409	53.848
21)	B Endrin ke...	7.625	6.977	251.6E6	2613.0E6	44.660	53.719m
22)	Mirex	8.107	7.171	158.5E6	1778.6E6	42.654	54.266 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
Data File : PD091556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 14:29
Operator : AR\AJ
Sample : PB170884BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

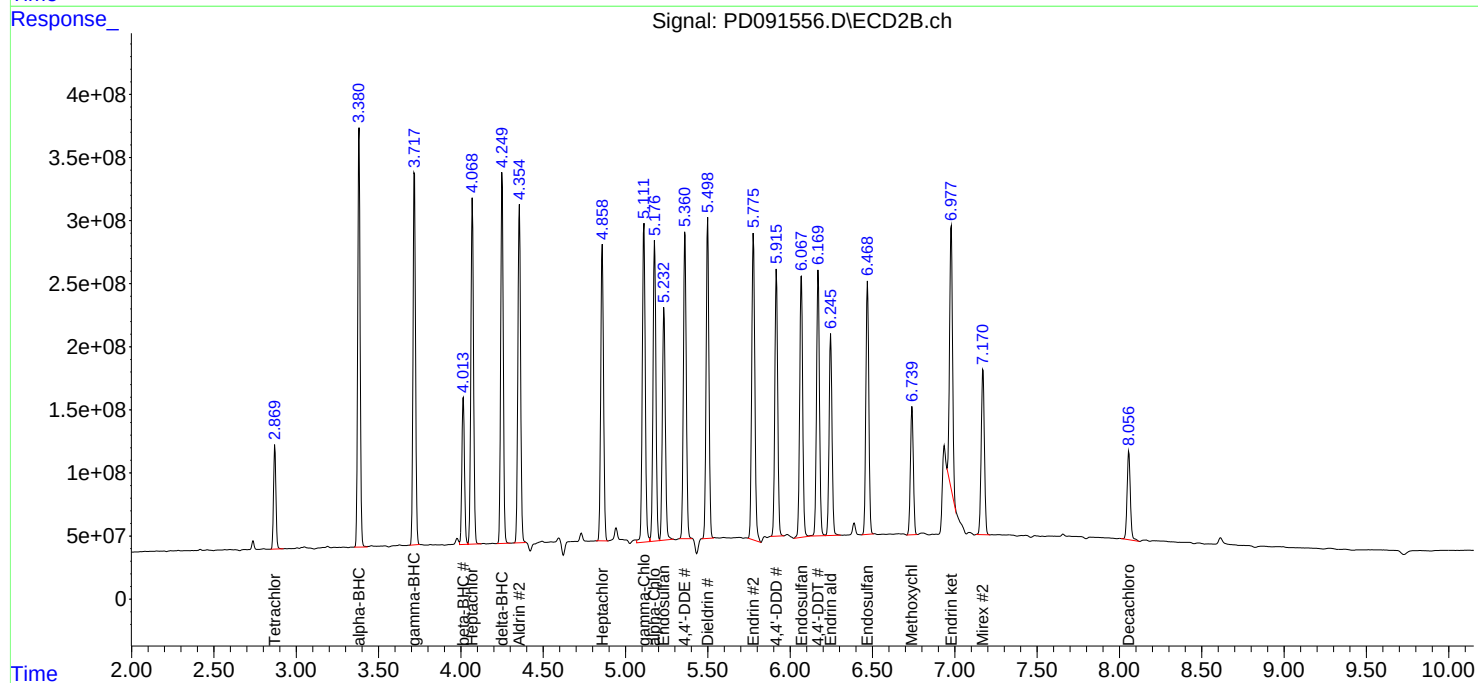
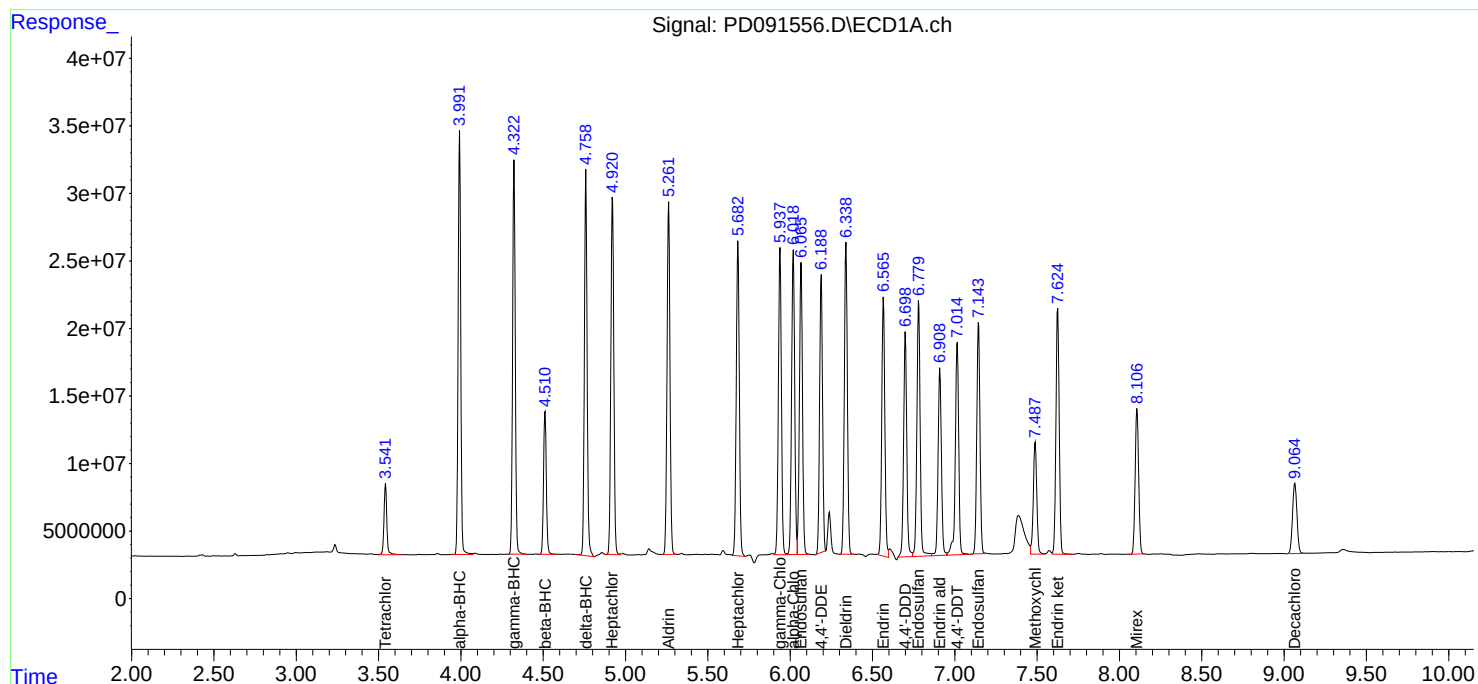
Instrument :
ECD_D
ClientSampleId :
PB170884BS

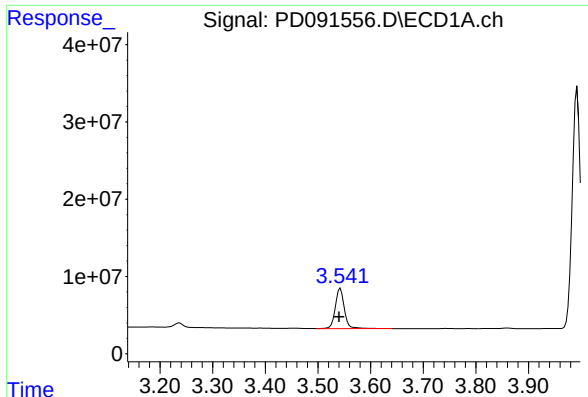
Manual Integrations
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Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:07:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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





#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.003 min
Response: 62614099
Conc: 18.03 ng/ml

Instrument :

ECD_D

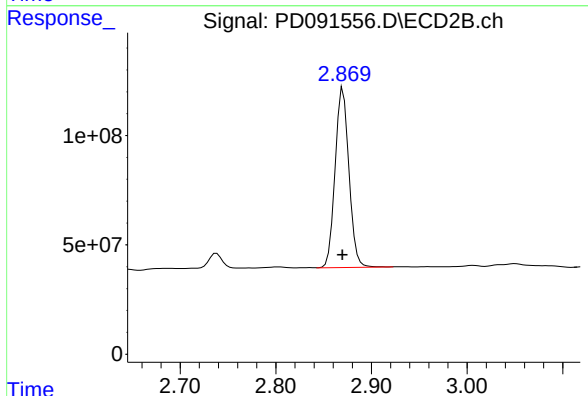
ClientSampleId :

PB170884BS

Manual Integrations

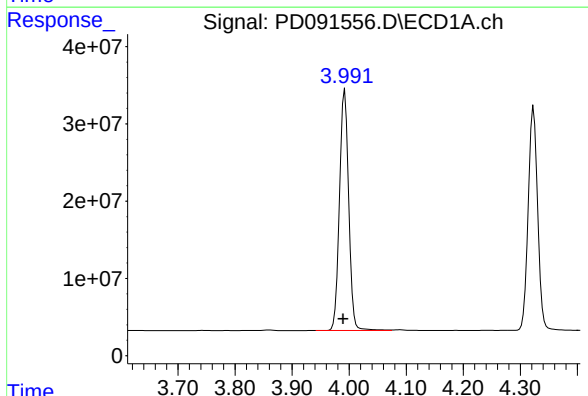
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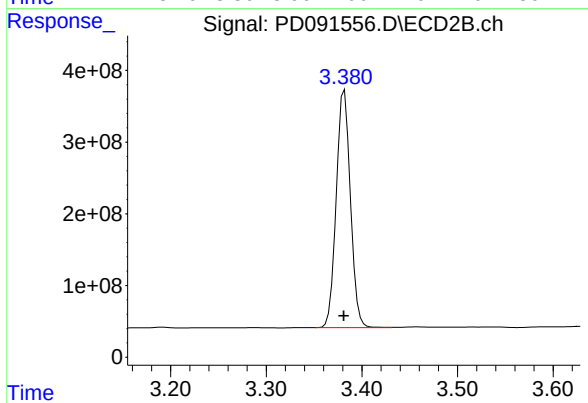
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 824613648
Conc: 20.93 ng/ml



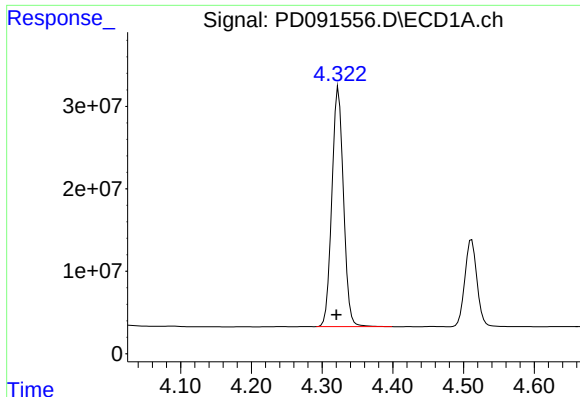
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.003 min
Response: 348084208
Conc: 43.24 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 3407327722
Conc: 49.98 ng/ml



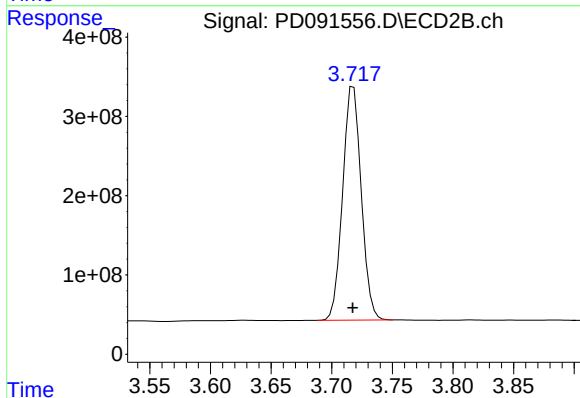
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: 0.003 min
Response: 330889811
Conc: 44.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

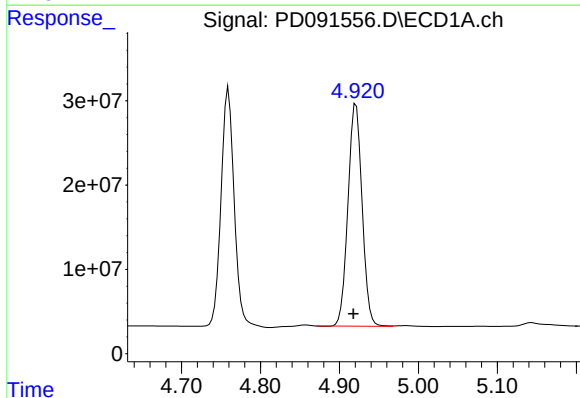
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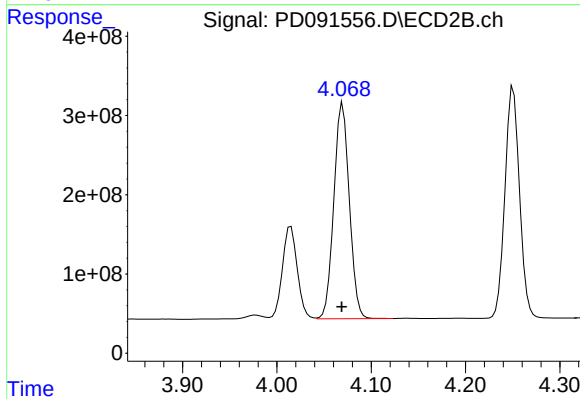
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 3145718130
Conc: 55.94 ng/ml



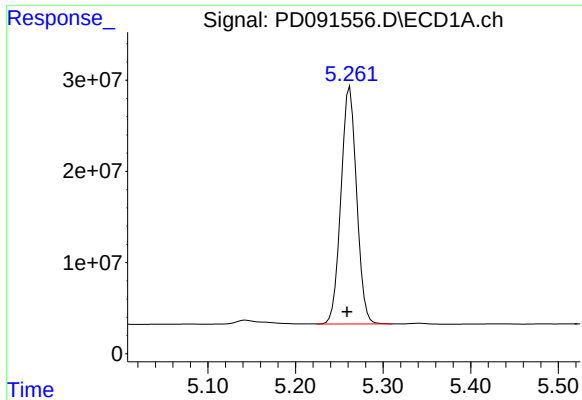
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.003 min
Response: 328462286
Conc: 46.27 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 3100031140
Conc: 53.19 ng/ml



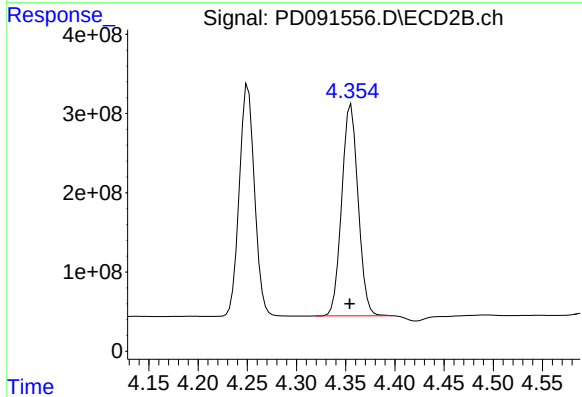
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.003 min
Response: 323148648
Conc: 46.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

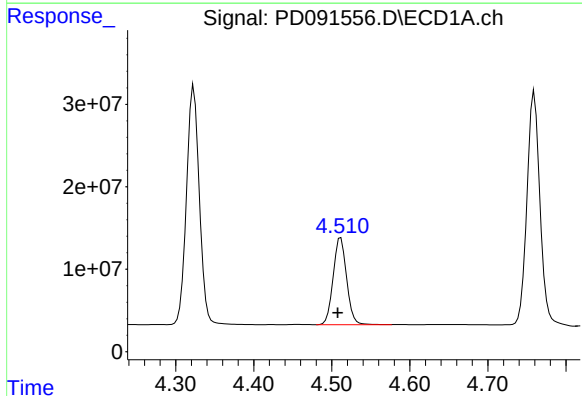
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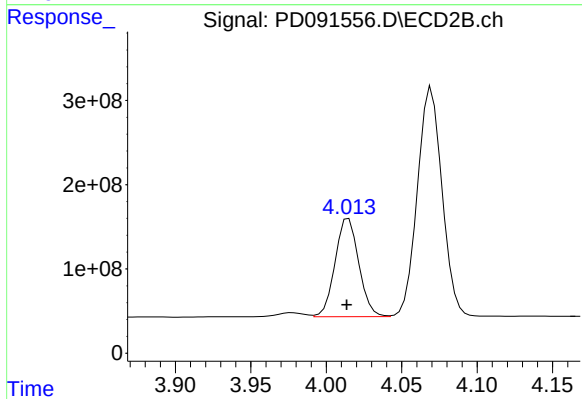
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3093824895
Conc: 53.35 ng/ml m



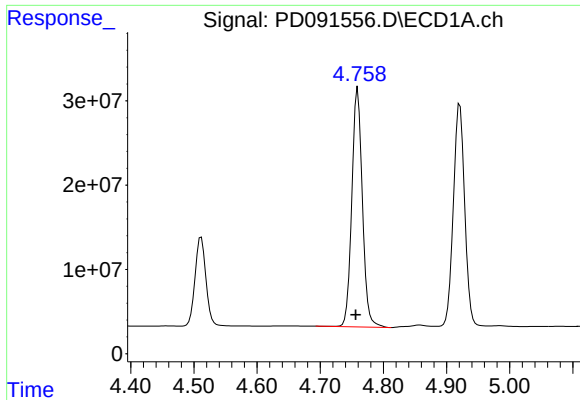
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.004 min
Response: 126611155
Conc: 43.85 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: 0.001 min
Response: 1276784405
Conc: 53.29 ng/ml



#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: 0.003 min
Response: 329597407
Conc: 55.10 ng/ml

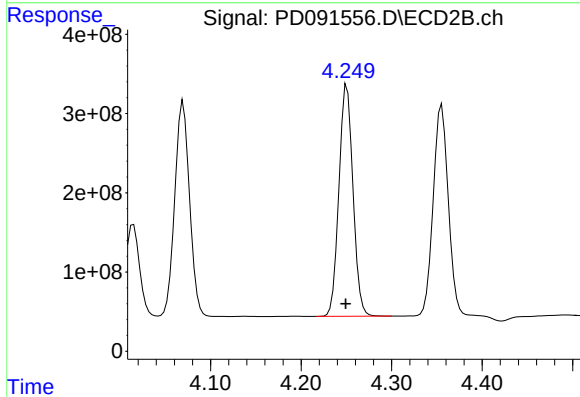
Instrument :

ECD_D

ClientSampleId :
PB170884BS

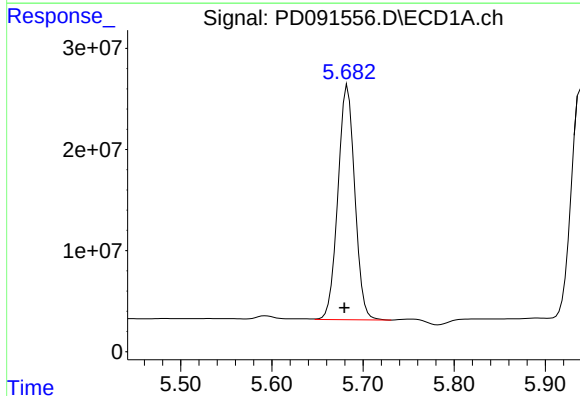
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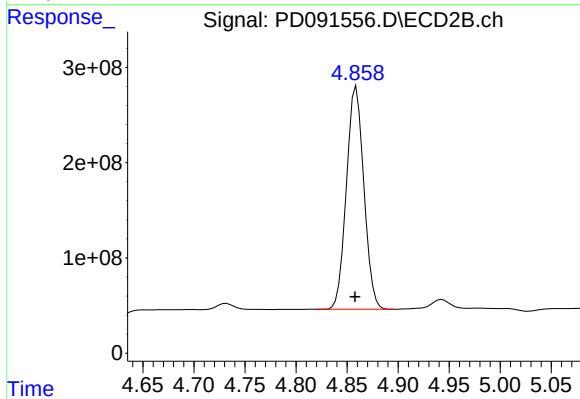
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: 0.001 min
Response: 3147818889
Conc: 52.56 ng/ml



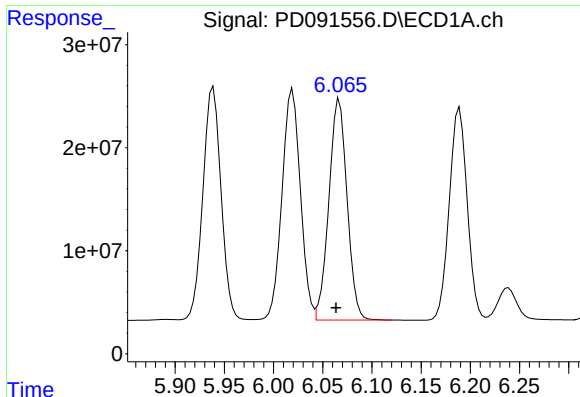
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.004 min
Response: 298142179
Conc: 48.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: 0.001 min
Response: 2778853272
Conc: 54.92 ng/ml



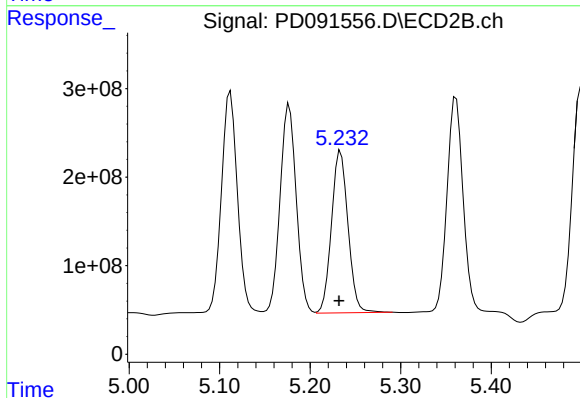
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.004 min
Response: 276413607
Conc: 45.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

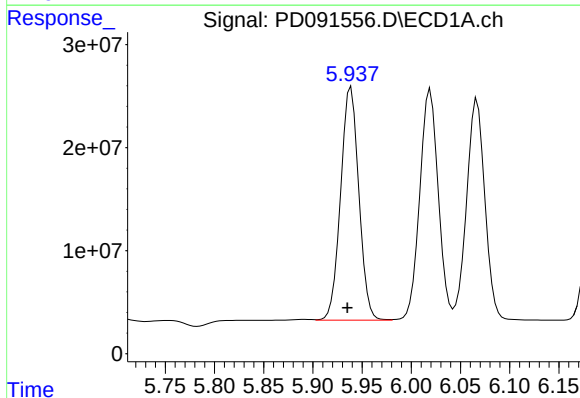
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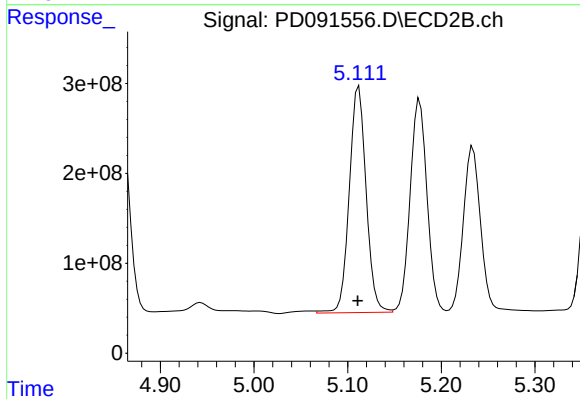
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 2320905572
Conc: 47.38 ng/ml



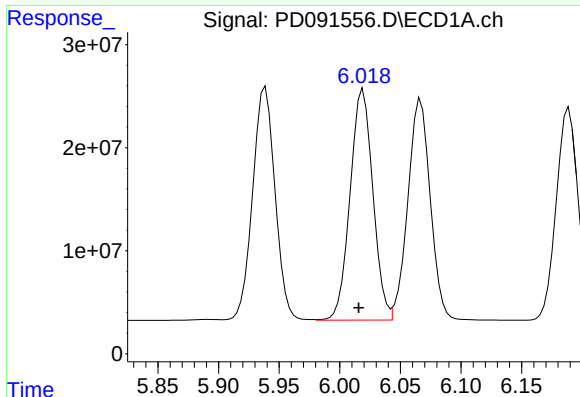
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.004 min
Response: 291636052
Conc: 45.73 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.001 min
Response: 3149905013
Conc: 56.43 ng/ml



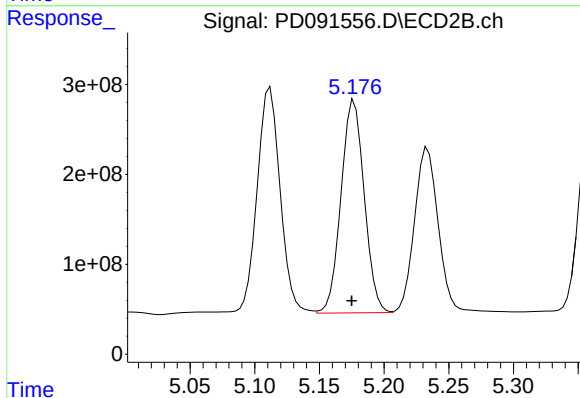
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 292946887
Conc: 43.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

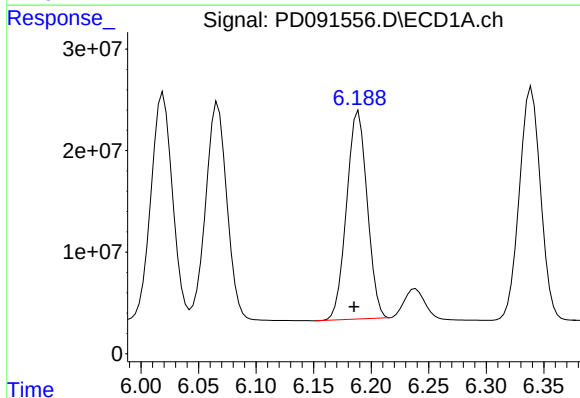
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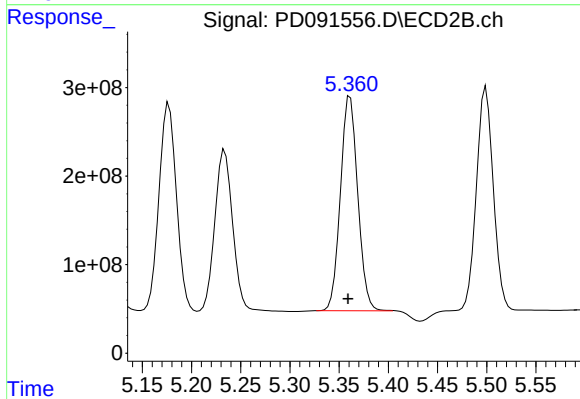
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.002 min
Response: 2951252457
Conc: 55.11 ng/ml



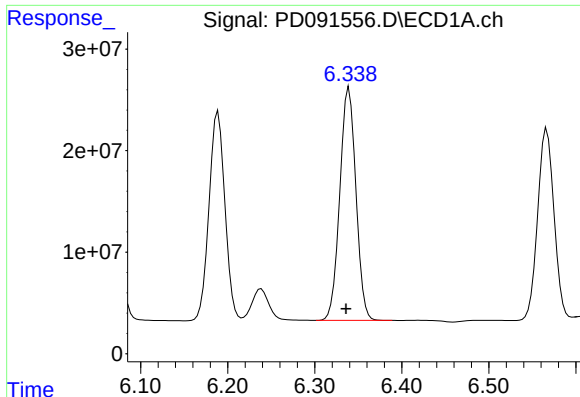
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.004 min
Response: 256400361
Conc: 44.14 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2974146252
Conc: 54.27 ng/ml m



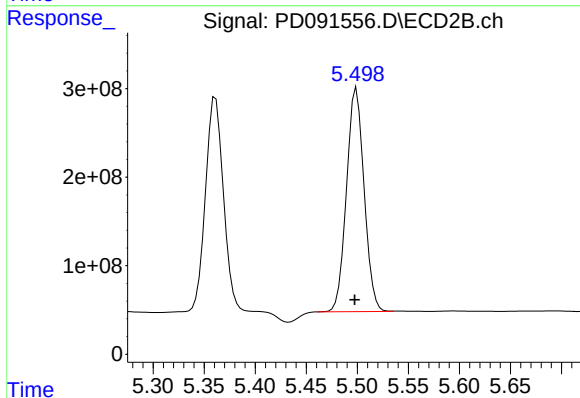
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.003 min
Response: 295155334
Conc: 45.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

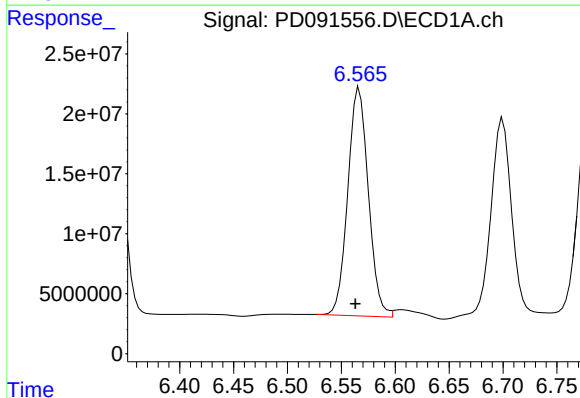
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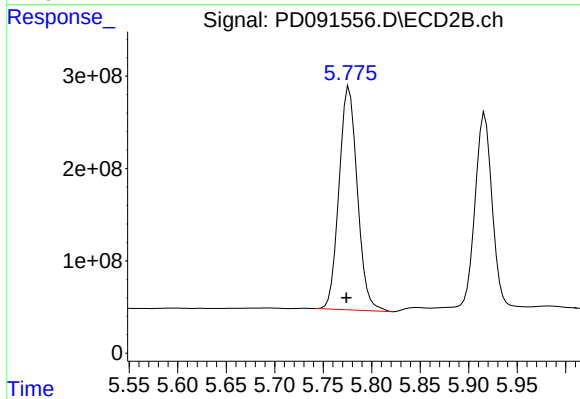
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: 0.002 min
Response: 3027918101
Conc: 54.59 ng/ml



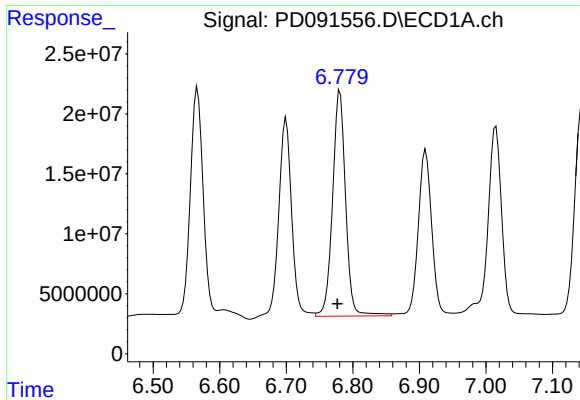
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.004 min
Response: 253080378
Conc: 45.13 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.001 min
Response: 3174145693
Conc: 60.72 ng/ml m



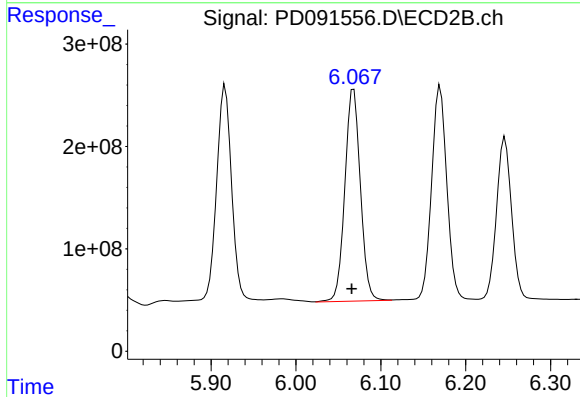
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.004 min
Response: 256608117
Conc: 42.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

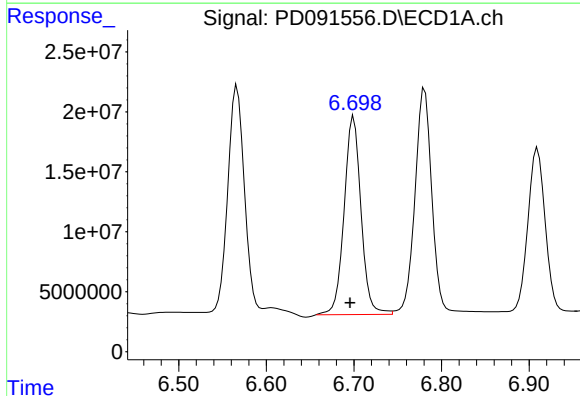
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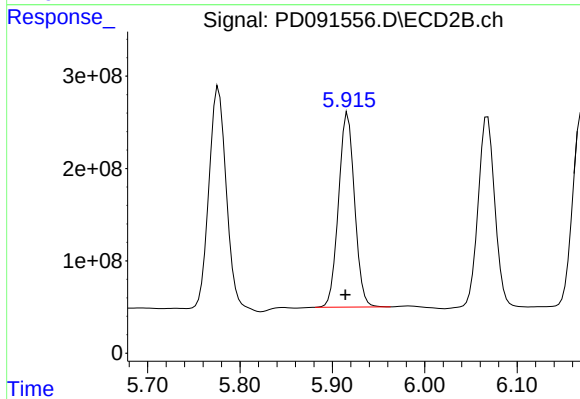
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 2628014173
Conc: 55.78 ng/ml m



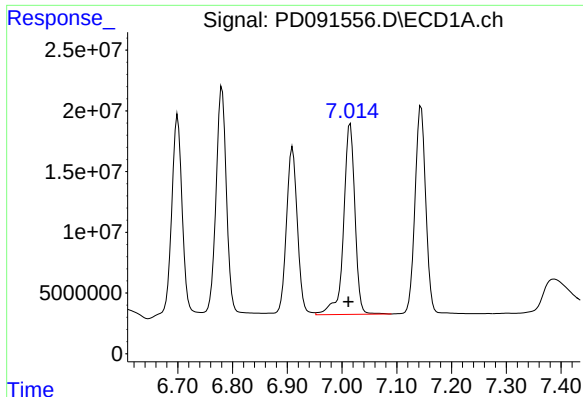
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.004 min
Response: 221944921
Conc: 48.22 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 2536890572
Conc: 55.77 ng/ml



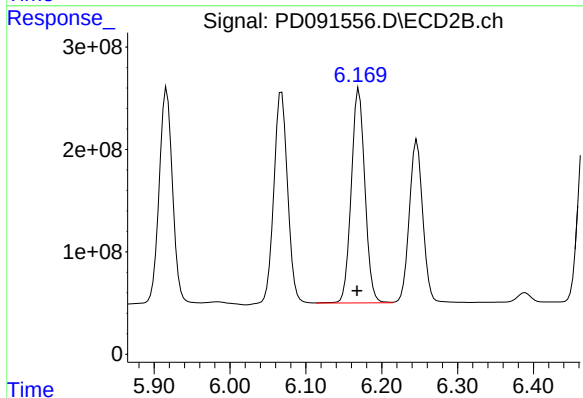
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 226007213
Conc: 43.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

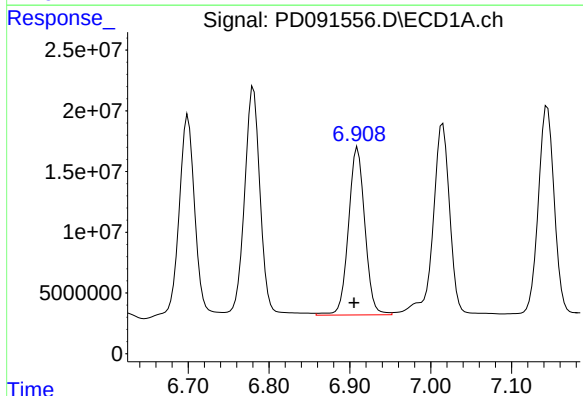
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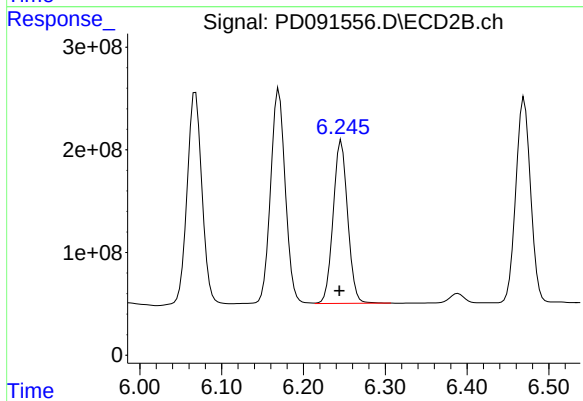
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.002 min
Response: 2612478811
Conc: 55.12 ng/ml



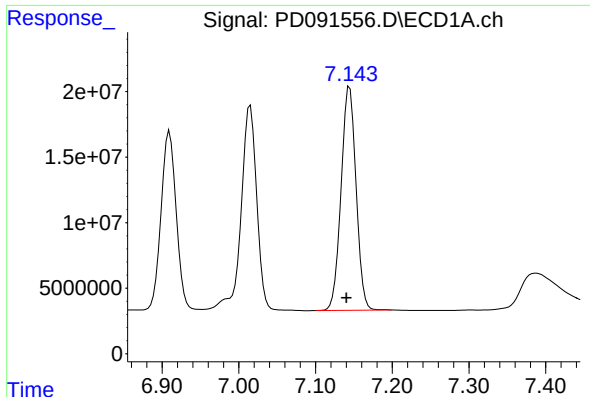
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.004 min
Response: 194587889
Conc: 46.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: 0.002 min
Response: 1958996216
Conc: 54.89 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.004 min
Response: 231961994
Conc: 43.94 ng/ml

Instrument :

ECD_D

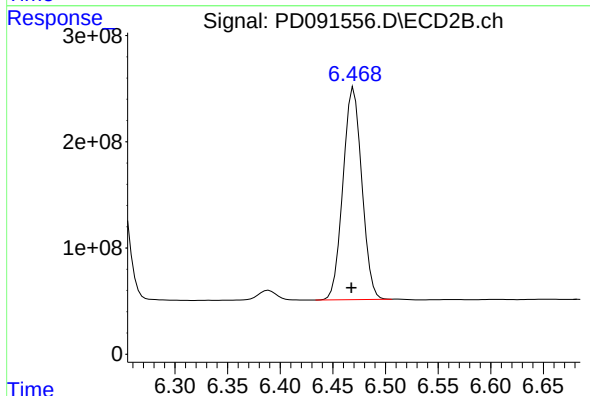
ClientSampleId :

PB170884BS

Manual Integrations

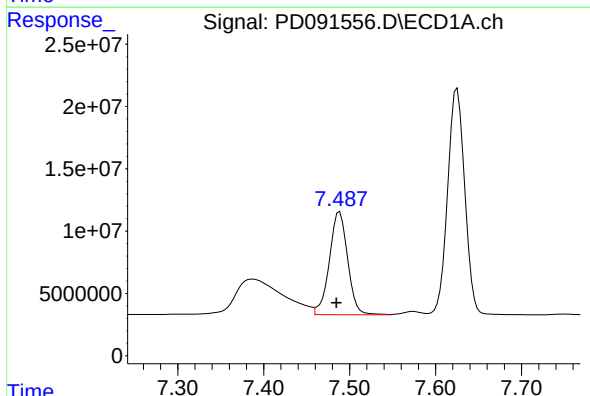
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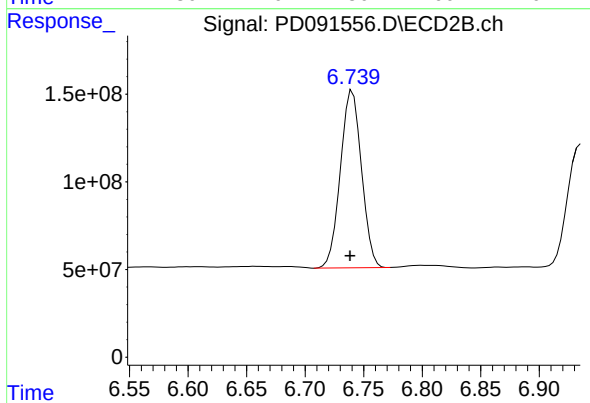
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 2497373286
Conc: 54.18 ng/ml



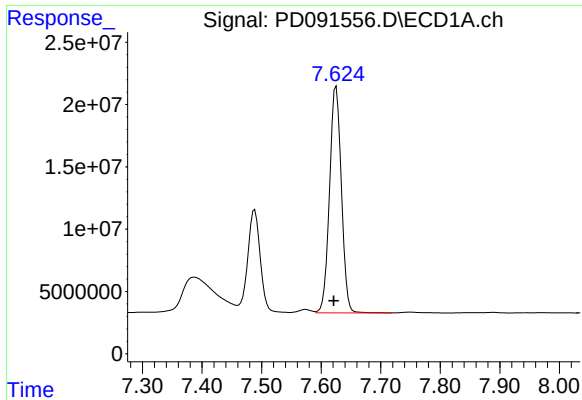
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.004 min
Response: 122059563
Conc: 45.41 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: 0.002 min
Response: 1270711417
Conc: 53.85 ng/ml



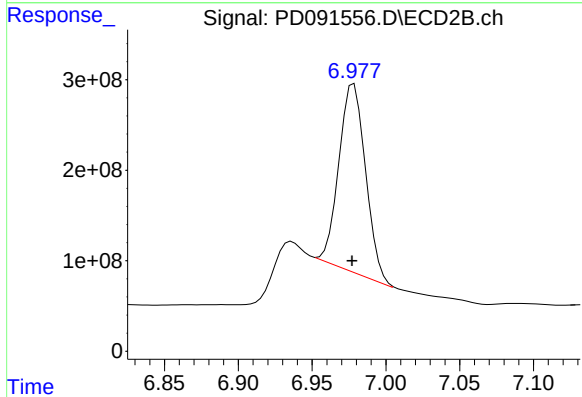
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.004 min
Response: 251609079
Conc: 44.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

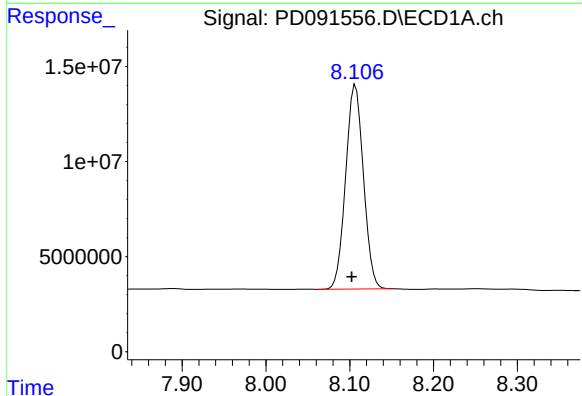
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2025
Supervised By :Yogesh Patel 12/12/2025



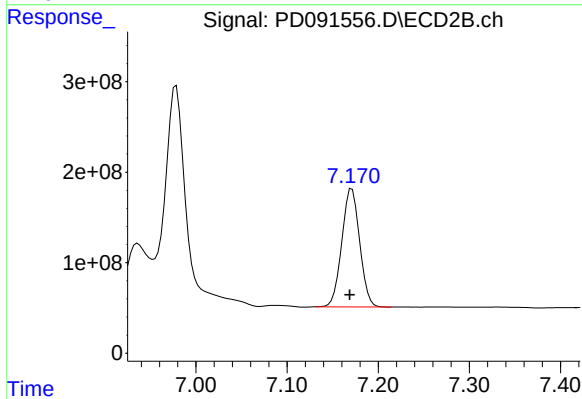
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 2613028576
Conc: 53.72 ng/ml m



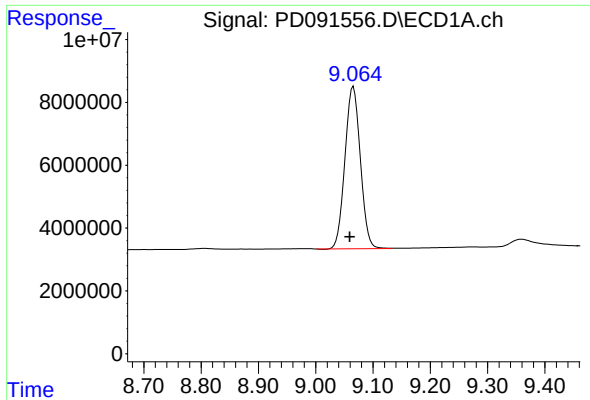
#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.005 min
Response: 158480354
Conc: 42.65 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 1778563768
Conc: 54.27 ng/ml



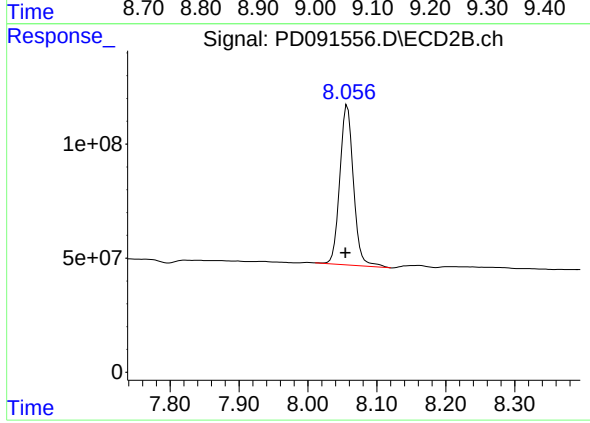
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 96730359
Conc: 18.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170884BS

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#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: 0.003 min
Response: 963057393
Conc: 23.26 ng/ml