

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
 Data File : PD091392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2025 19:22
 Operator : AR\AJ
 Sample : Q3719-10MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1125-15BMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 03:40:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	64436049	787.5E6	18.685m	21.499m
28)	SA Decachlor...	9.062	8.058	86483392	654.4E6	17.360	16.536
Target Compounds							
2)	A alpha-BHC	3.991	3.384	380.6E6	3168.2E6	47.597	50.128
3)	MA gamma-BHC...	4.321	3.720	366.6E6	2899.3E6	49.052m	50.142
4)	MA Heptachlor	4.919	4.072	339.1E6	2803.4E6	47.349	50.777
5)	MB Aldrin	5.259	4.357	341.8E6	2813.7E6	47.104m	49.836
6)	B beta-BHC	4.510	4.016	130.7E6	1208.2E6	44.974	50.284
7)	B delta-BHC	4.758	4.252	361.6E6	2943.0E6	48.657	50.327
8)	B Heptachlo...	5.681	4.860	299.8E6	2637.2E6	46.144	51.751
9)	A Endosulfan I	6.065	5.235	286.2E6	2324.1E6	46.585	48.569
10)	B gamma-Chl...	5.935	5.111	295.5E6	2796.4E6	45.463m	51.190m
11)	B alpha-Chl...	6.017	5.178	302.0E6	2709.0E6	43.882	51.766
12)	B 4,4'-DDE	6.187	5.362	297.8E6	3031.4E6	51.350	56.724
13)	MA Dieldrin	6.338	5.500	303.0E6	2814.2E6	46.876	51.816
14)	MA Endrin	6.565	5.775	248.8E6	2463.5E6	50.126	54.510m
15)	B Endosulfa...	6.778	6.068	237.0E6	2376.1E6	42.624	50.903
16)	A 4,4'-DDD	6.697	5.917	222.7E6	2223.1E6	45.342	45.492
17)	MA 4,4'-DDT	7.013	6.170	213.2E6	2313.7E6	51.545	59.125
18)	B Endrin al...	6.907	6.246	180.8E6	1717.0E6	43.389	48.655
19)	B Endosulfa...	7.142	6.470	223.1E6	2221.3E6	43.357	49.544
20)	A Methoxychlor	7.484	6.740	98608085	1043.9E6	45.351m	52.059
21)	B Endrin ke...	7.623	6.978	244.7E6	2305.0E6	43.431	45.235
22)	Mirex	8.103	7.171	143.0E6	1478.5E6	40.212m	44.615

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
Data File : PD091392.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2025 19:22
Operator : AR\AJ
Sample : Q3719-10MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

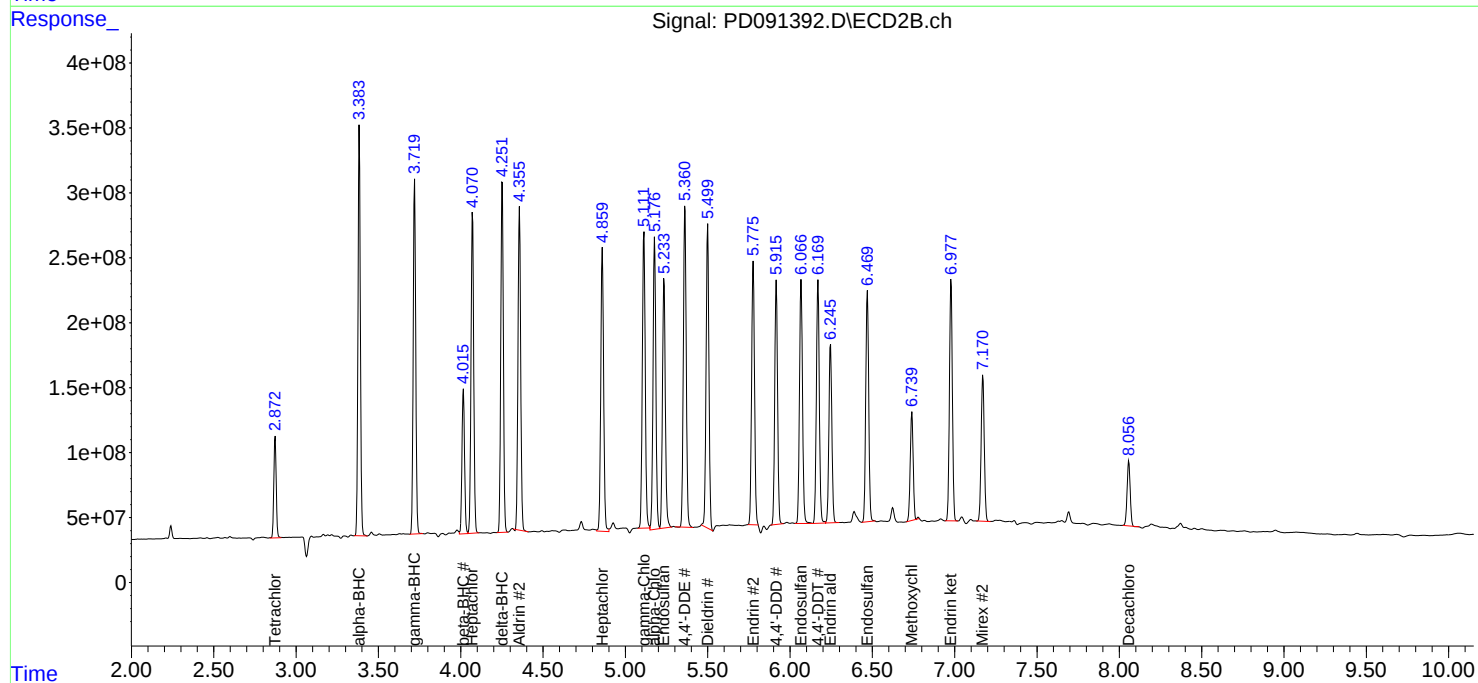
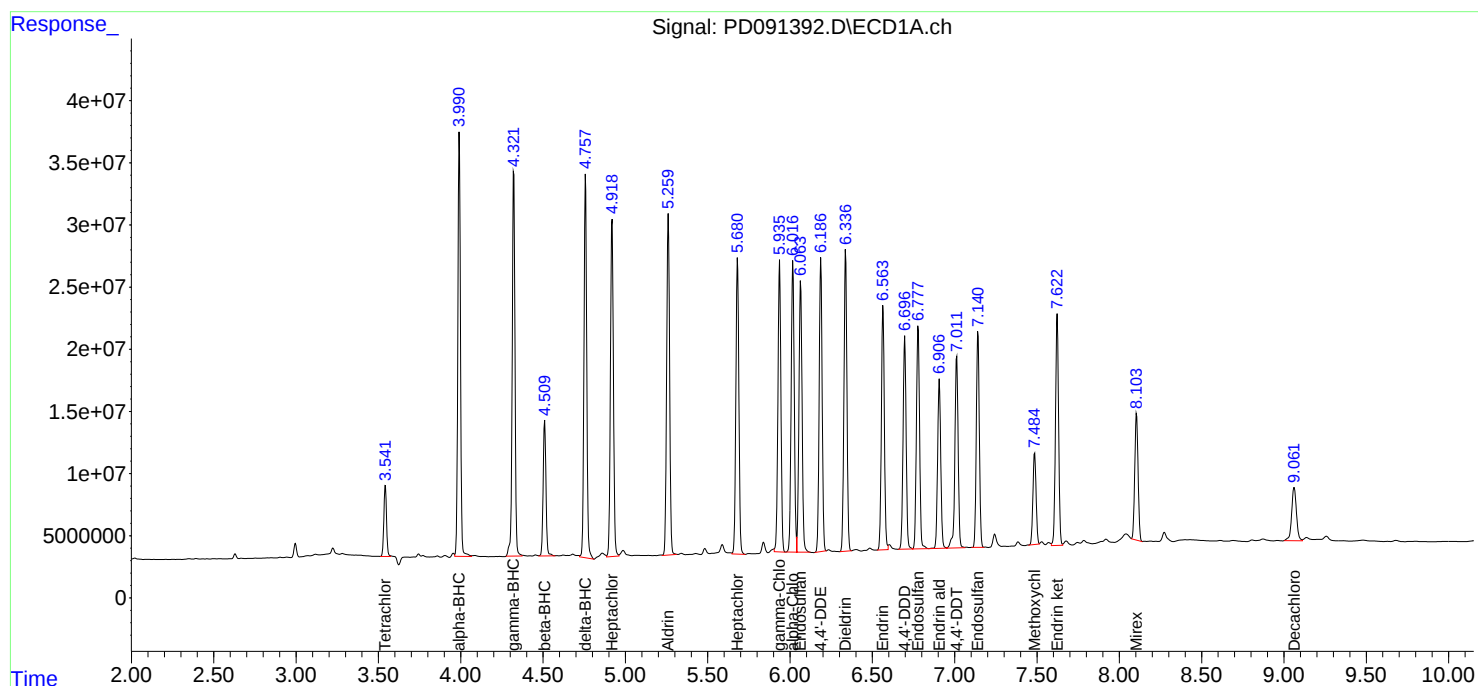
Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

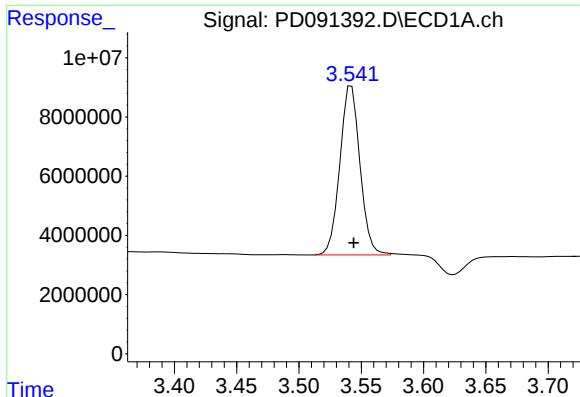
Manual Integrations
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Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 03:40:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





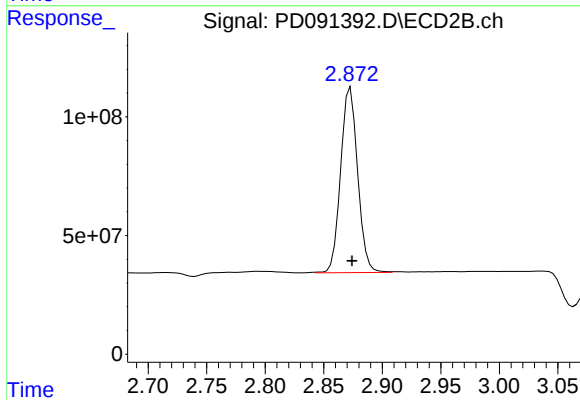
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 64436049
Conc: 18.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

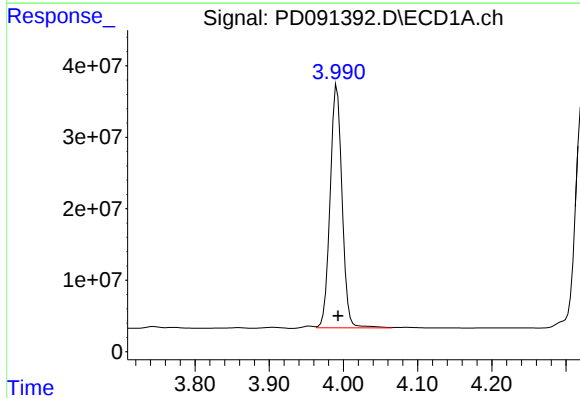
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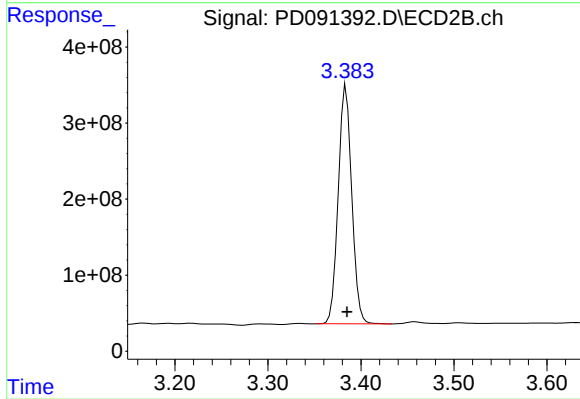
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.003 min
Response: 787502465
Conc: 21.50 ng/ml m



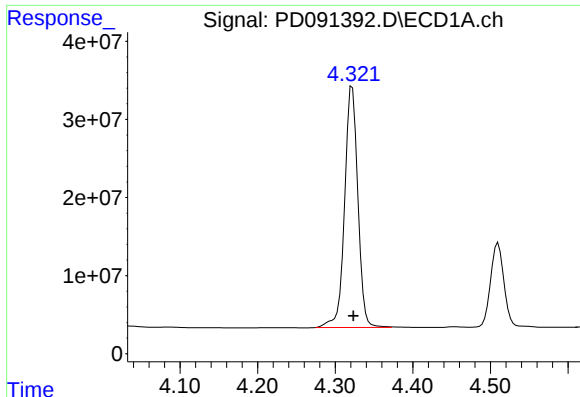
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 380559388
Conc: 47.60 ng/ml



#2 alpha-BHC

R.T.: 3.384 min
Delta R.T.: -0.001 min
Response: 3168220600
Conc: 50.13 ng/ml



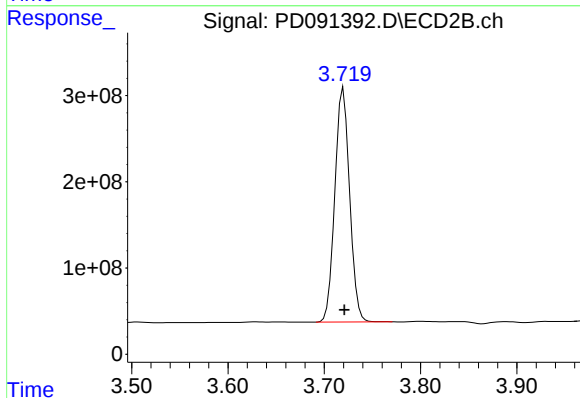
#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 366562020
Conc: 49.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

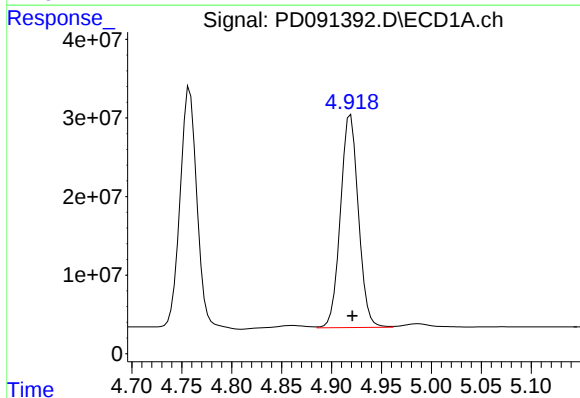
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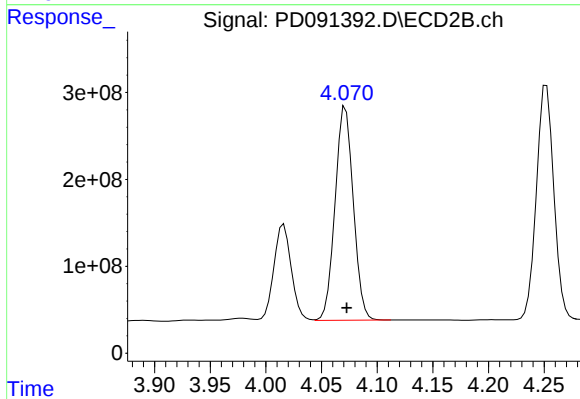
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: -0.001 min
Response: 2899284343
Conc: 50.14 ng/ml



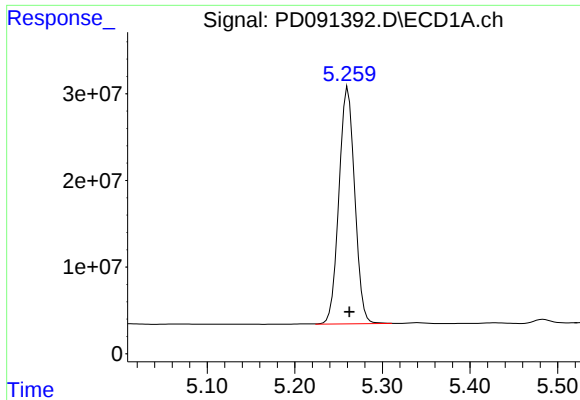
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 339102591
Conc: 47.35 ng/ml



#4 Heptachlor

R.T.: 4.072 min
Delta R.T.: -0.001 min
Response: 2803384425
Conc: 50.78 ng/ml



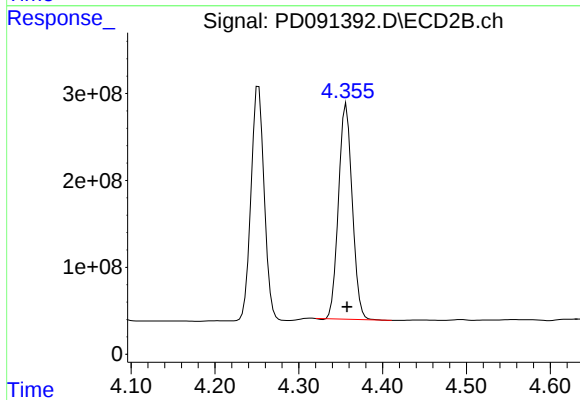
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.003 min
Response: 341803623
Conc: 47.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

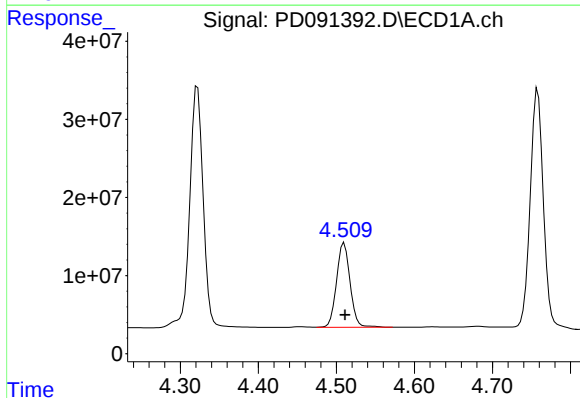
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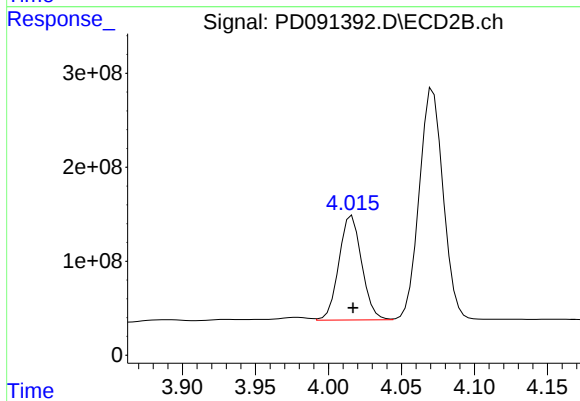
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 2813661344
Conc: 49.84 ng/ml



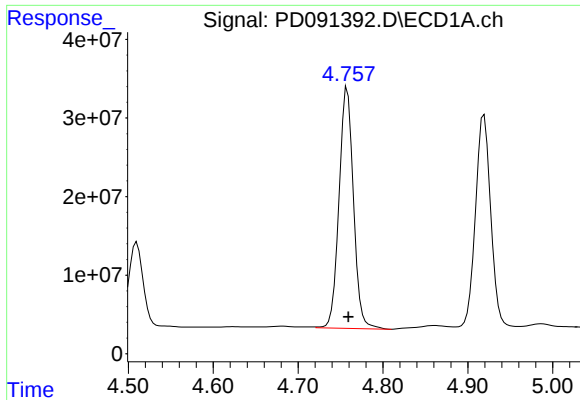
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 130672750
Conc: 44.97 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 1208168703
Conc: 50.28 ng/ml



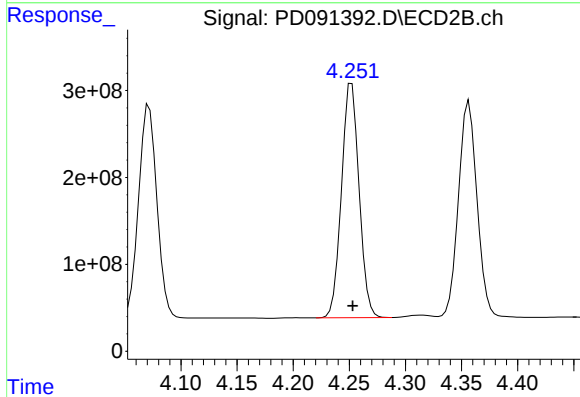
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.001 min
Response: 361619455
Conc: 48.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

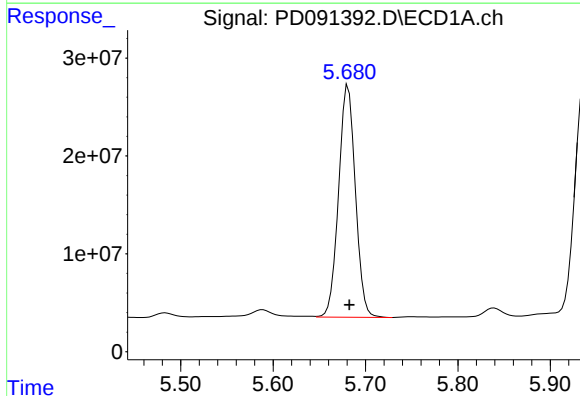
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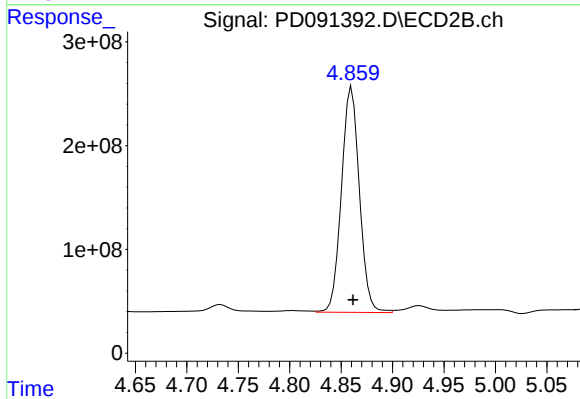
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 2942971082
Conc: 50.33 ng/ml



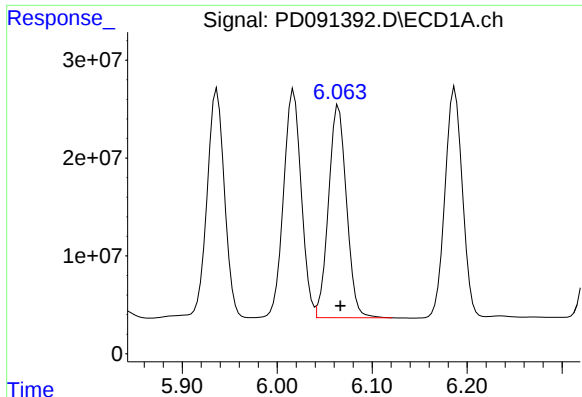
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 299785358
Conc: 46.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 2637167704
Conc: 51.75 ng/ml



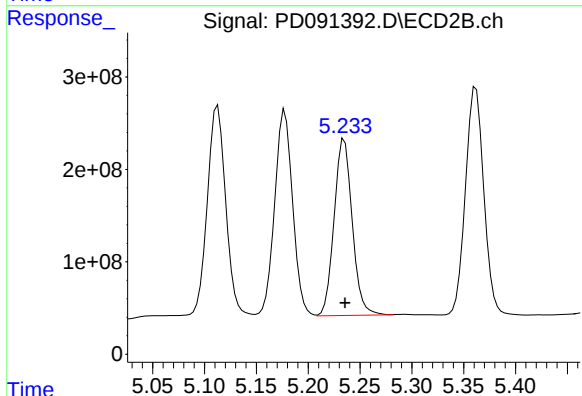
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 286171640
Conc: 46.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

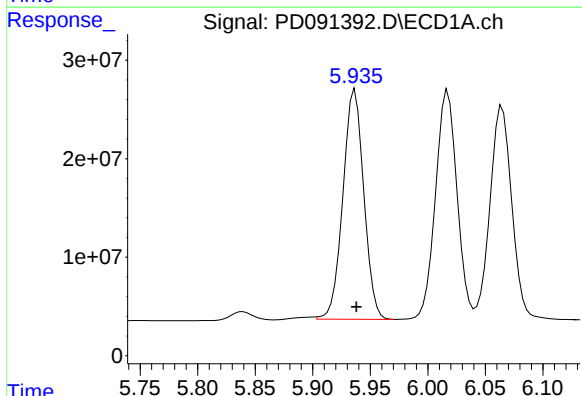
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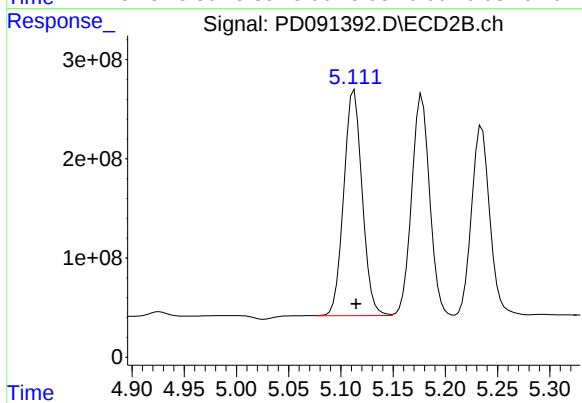
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 2324135346
Conc: 48.57 ng/ml



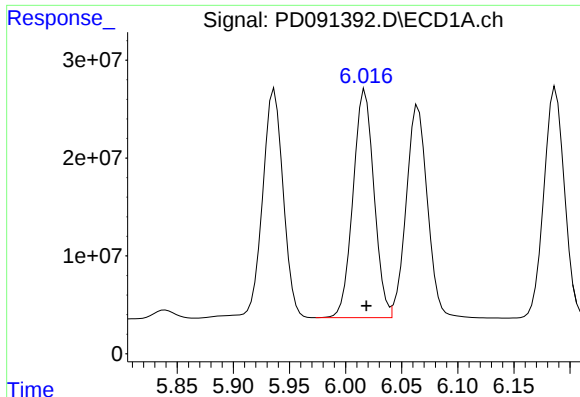
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 295545723
Conc: 45.46 ng/ml m



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 2796391052
Conc: 51.19 ng/ml m



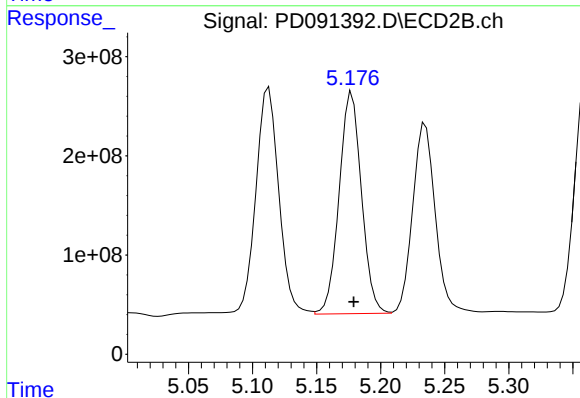
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 302029732
Conc: 43.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

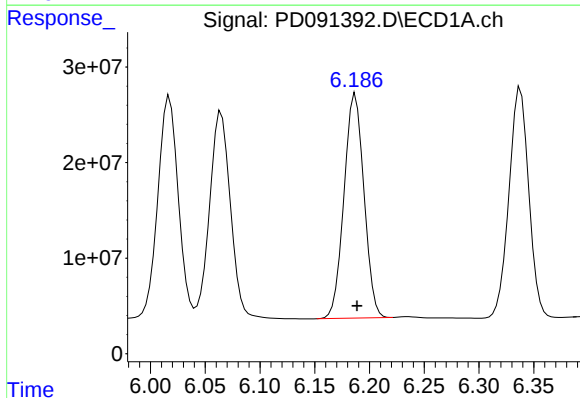
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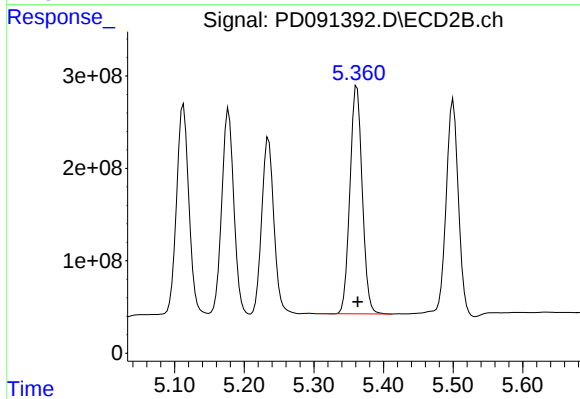
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.001 min
Response: 2708973499
Conc: 51.77 ng/ml



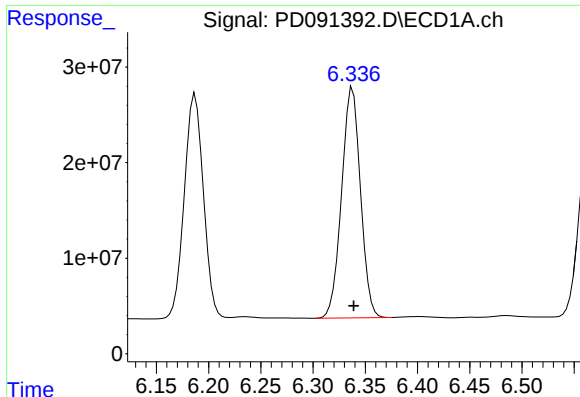
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 297797259
Conc: 51.35 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 3031428205
Conc: 56.72 ng/ml



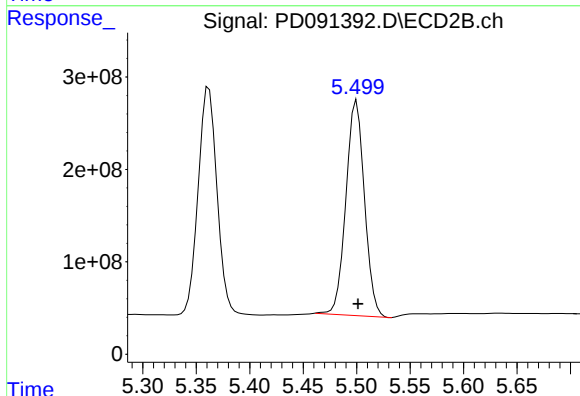
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 303048798
Conc: 46.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

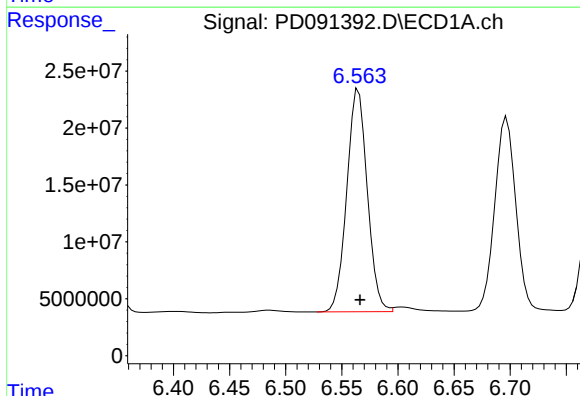
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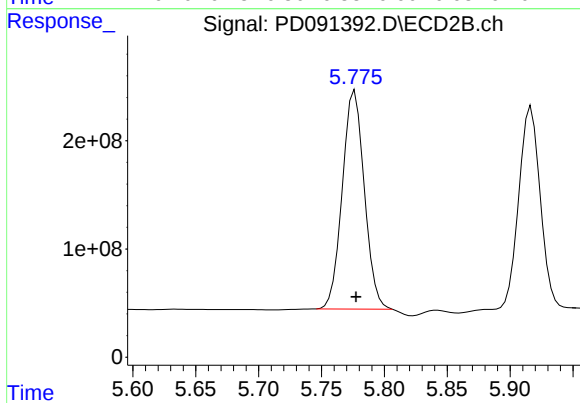
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 2814166420
Conc: 51.82 ng/ml



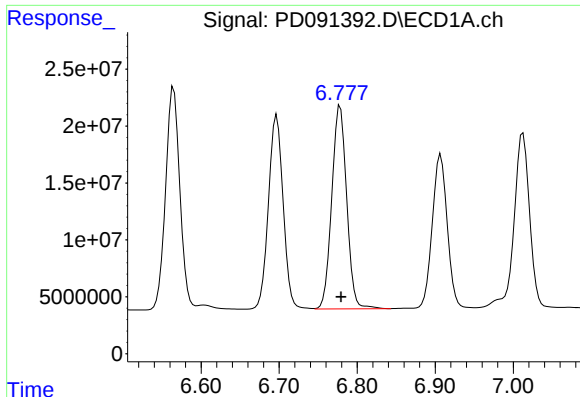
#14 Endrin

R.T.: 6.565 min
Delta R.T.: -0.001 min
Response: 248800573
Conc: 50.13 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 2463469913
Conc: 54.51 ng/ml m



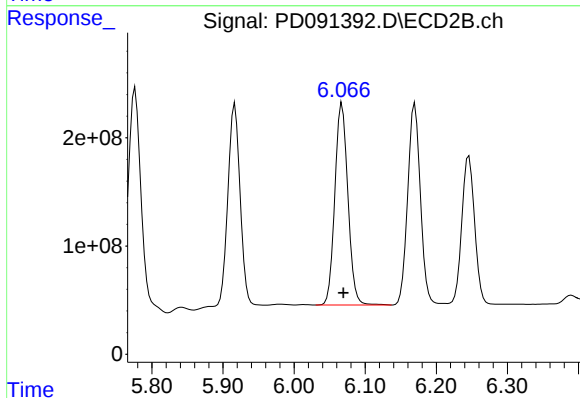
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 236960836
Conc: 42.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

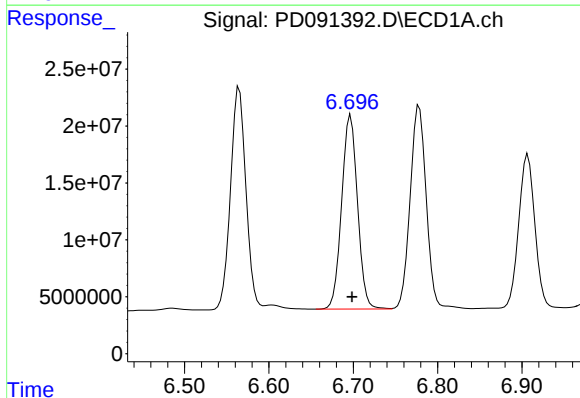
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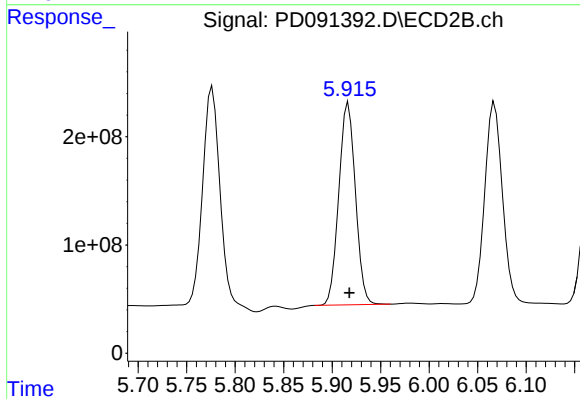
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 2376132886
Conc: 50.90 ng/ml



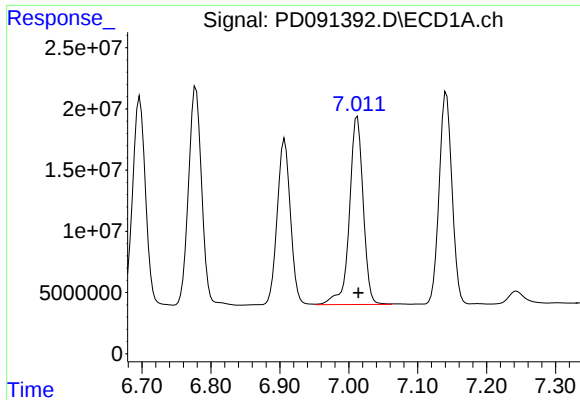
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 222697798
Conc: 45.34 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 2223149395
Conc: 45.49 ng/ml



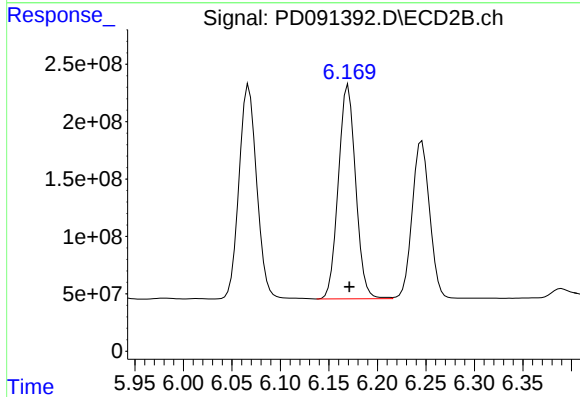
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 213165021
Conc: 51.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

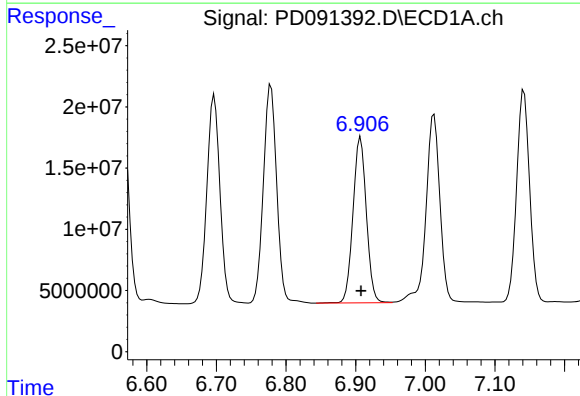
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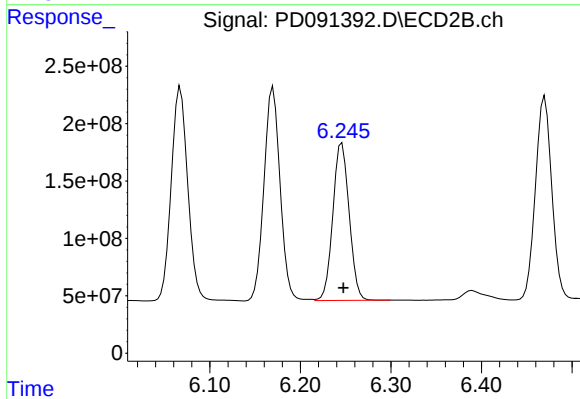
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 2313692059
Conc: 59.12 ng/ml



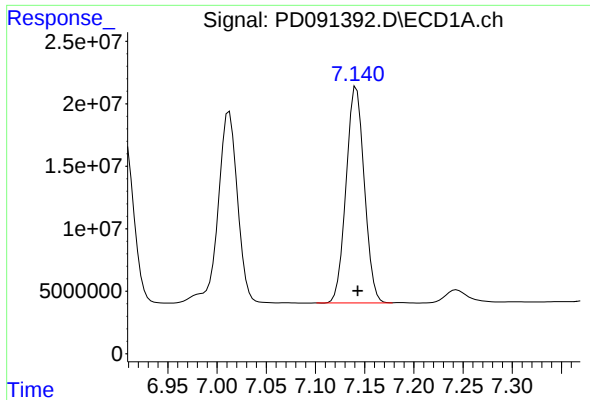
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 180758244
Conc: 43.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 1717003323
Conc: 48.66 ng/ml



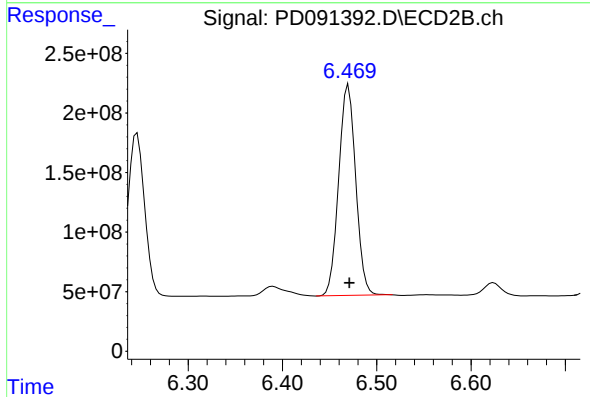
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.002 min
Response: 223063310
Conc: 43.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

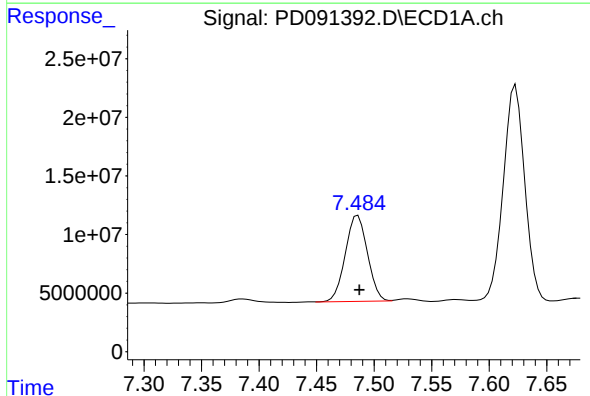
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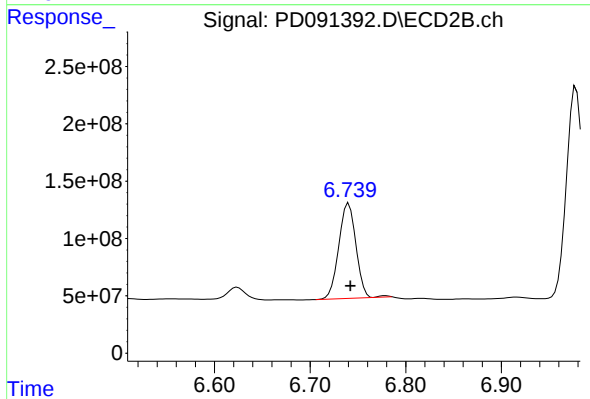
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2221279224
Conc: 49.54 ng/ml



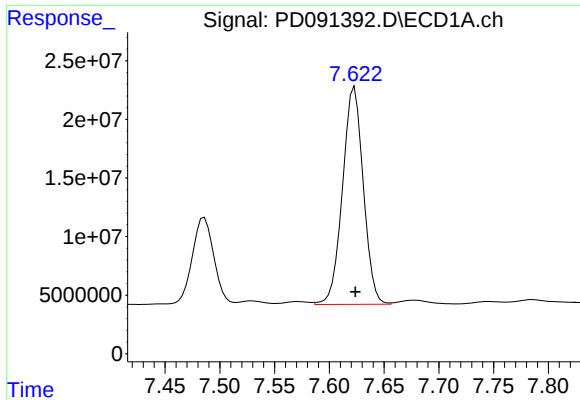
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 98608085
Conc: 45.35 ng/ml m



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 1043851936
Conc: 52.06 ng/ml



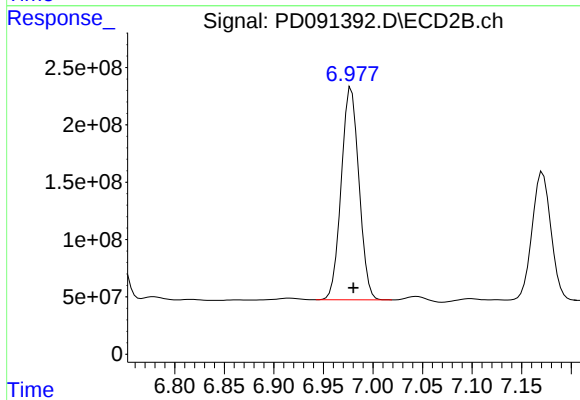
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 244672185
Conc: 43.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

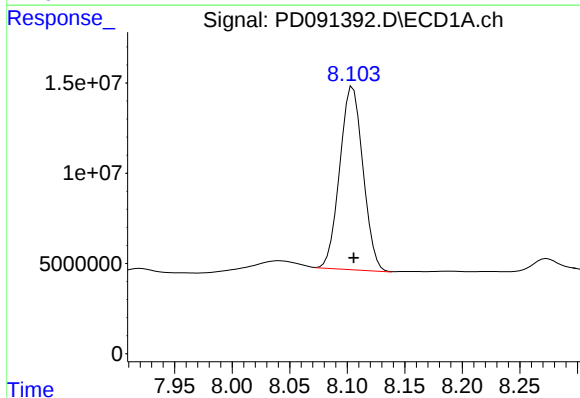
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



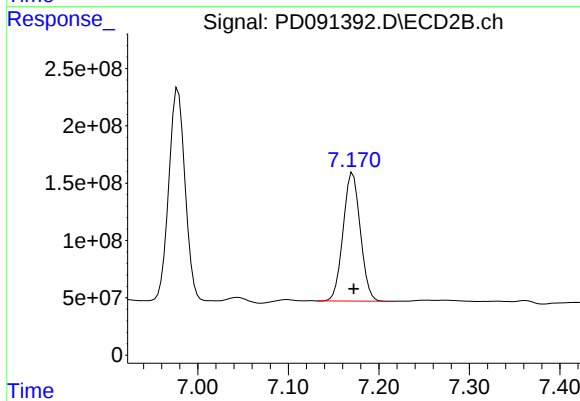
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 2305010540
Conc: 45.24 ng/ml



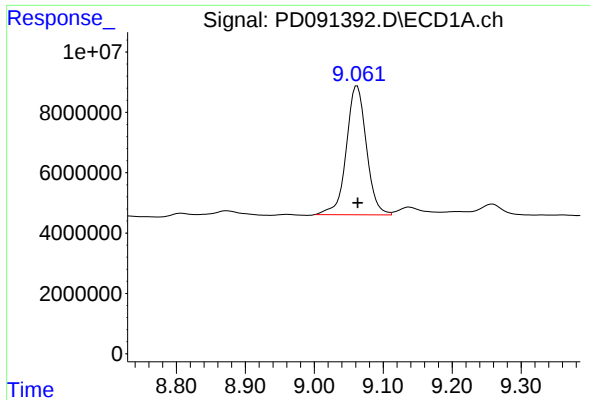
#22 Mirex

R.T.: 8.103 min
Delta R.T.: -0.002 min
Response: 143034785
Conc: 40.21 ng/ml m



#22 Mirex

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 1478545747
Conc: 44.62 ng/ml



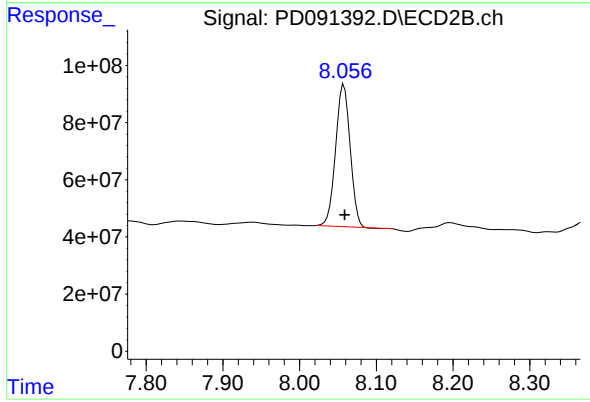
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 86483392
Conc: 17.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-15BMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 654401218
Conc: 16.54 ng/ml