

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
 Data File : PD091371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2025 10:19
 Operator : AR\AJ
 Sample : Q3707-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 V933MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/01/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 11:09:42 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	2.873	64848651	817.9E6	18.804m	22.328
28)	SA Decachlor...	9.062	8.057	99652871	871.0E6	20.003	22.008
Target Compounds							
2)	A alpha-BHC	3.991	3.384	391.1E6	3241.9E6	48.909	51.294
3)	MA gamma-BHC...	4.322	3.720	359.0E6	2960.1E6	48.045	51.194
4)	MA Heptachlor	4.920	4.071	346.6E6	2863.2E6	48.401	51.860
5)	MB Aldrin	5.261	4.357	349.8E6	2989.1E6	48.211	52.943
6)	B beta-BHC	4.510	4.016	138.8E6	1247.3E6	47.777	51.911
7)	B delta-BHC	4.758	4.252	361.0E6	3000.0E6	48.570	51.302
8)	B Heptachlo...	5.681	4.860	312.9E6	2674.7E6	48.159	52.487
9)	A Endosulfan I	6.065	5.234	295.9E6	2384.6E6	48.176	49.832
10)	B gamma-Chl...	5.937	5.113	315.8E6	2946.8E6	48.583	53.943
11)	B alpha-Chl...	6.017	5.177	314.8E6	2793.9E6	45.730	53.389
12)	B 4,4'-DDE	6.187	5.362	277.7E6	2904.9E6	47.892	54.355
13)	MA Dieldrin	6.337	5.499	314.5E6	2870.2E6	48.651	52.847
14)	MA Endrin	6.565	5.777	258.8E6	2668.5E6	52.135	59.048
15)	B Endosulfa...	6.778	6.068	271.2E6	2482.9E6	48.788	53.190
16)	A 4,4'-DDD	6.697	5.916	237.0E6	2363.3E6	48.255	48.359
17)	MA 4,4'-DDT	7.013	6.170	215.8E6	2264.5E6	52.176	57.868
18)	B Endrin al...	6.907	6.246	180.4E6	1667.7E6	43.297	47.258
19)	B Endosulfa...	7.142	6.470	234.7E6	2308.4E6	45.625	51.487
20)	A Methoxychlor	7.486	6.740	106.4E6	1104.1E6	48.932	55.063
21)	B Endrin ke...	7.623	6.979	266.3E6	2644.7E6	47.276	51.901
22)	Mirex	8.104	7.171	163.8E6	1714.8E6	46.054	51.745

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
Data File : PD091371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2025 10:19
Operator : AR\AJ
Sample : Q3707-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

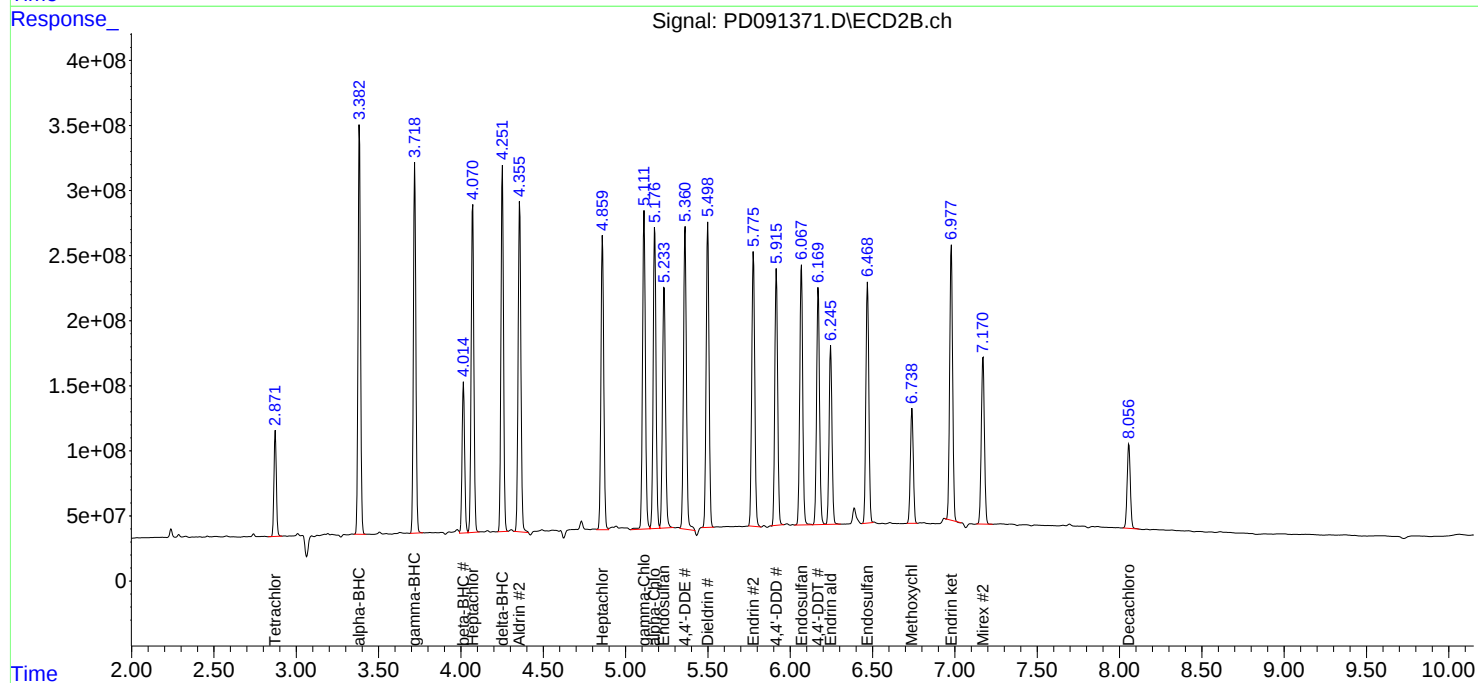
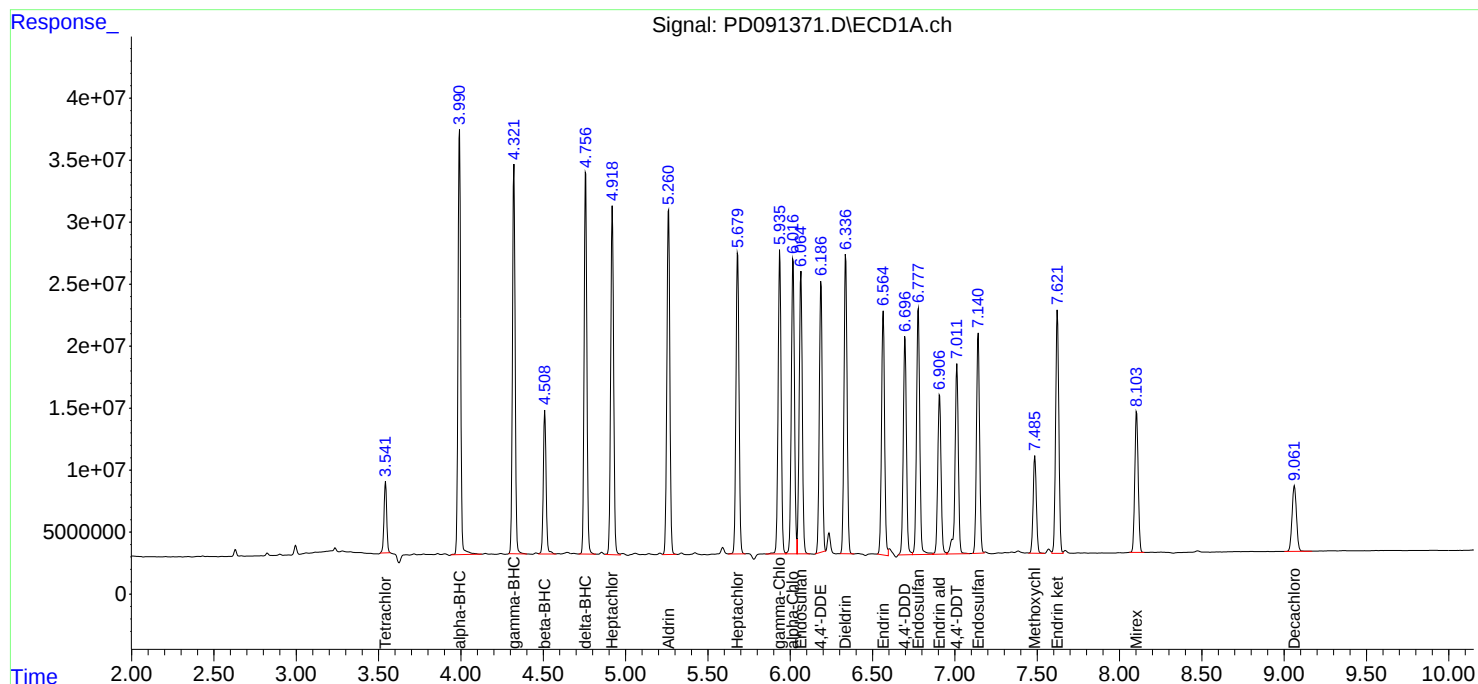
Instrument :
ECD_D
ClientSampleId :
V933MSD

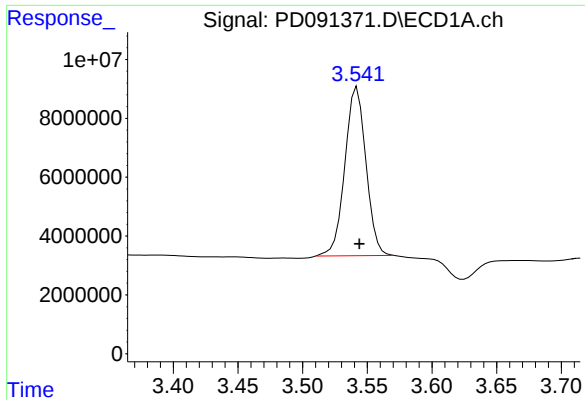
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 11:09:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response 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





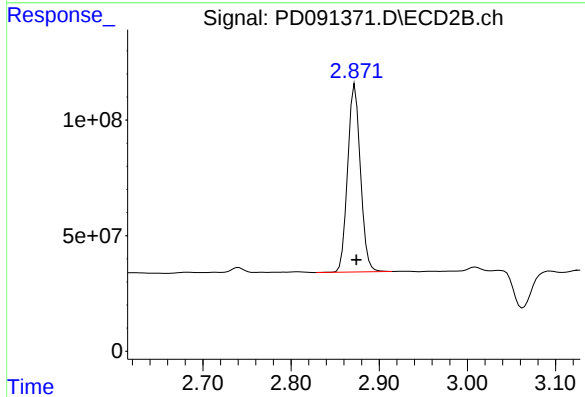
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 64848651
Conc: 18.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

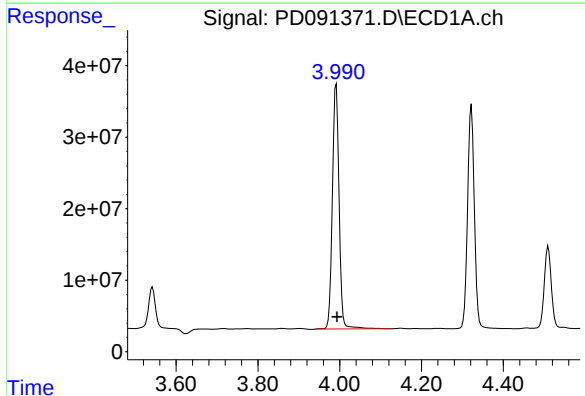
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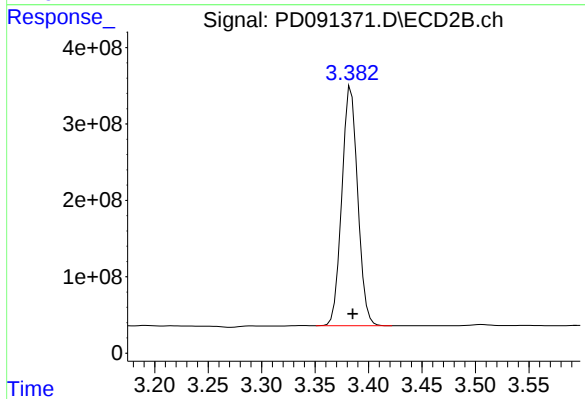
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 817868198
Conc: 22.33 ng/ml



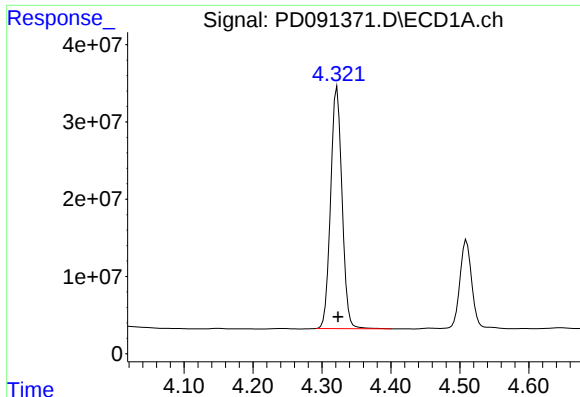
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 391053183
Conc: 48.91 ng/ml



#2 alpha-BHC

R.T.: 3.384 min
Delta R.T.: -0.002 min
Response: 3241899733
Conc: 51.29 ng/ml



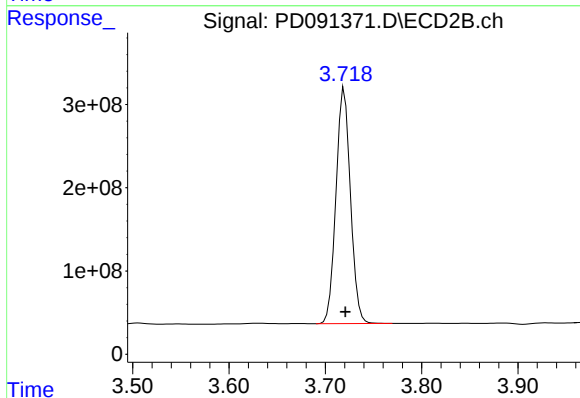
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 359032908
Conc: 48.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

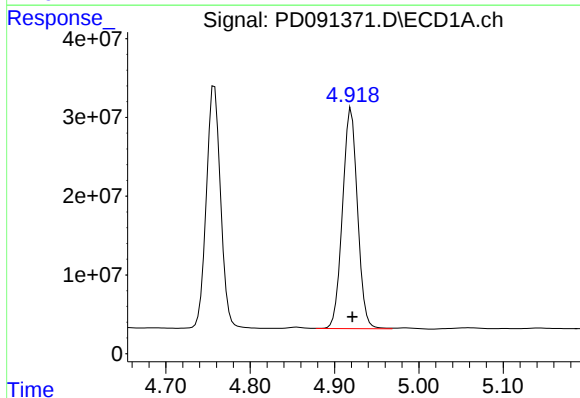
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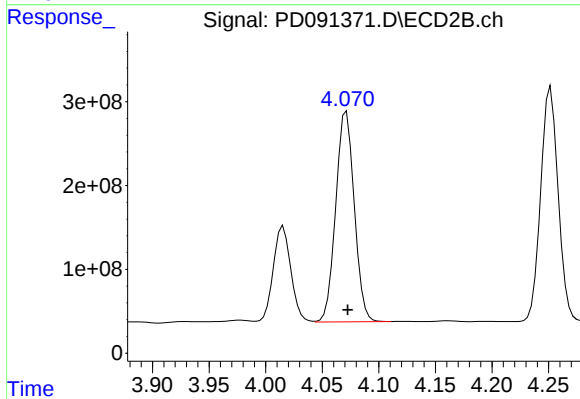
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: -0.001 min
Response: 2960109335
Conc: 51.19 ng/ml



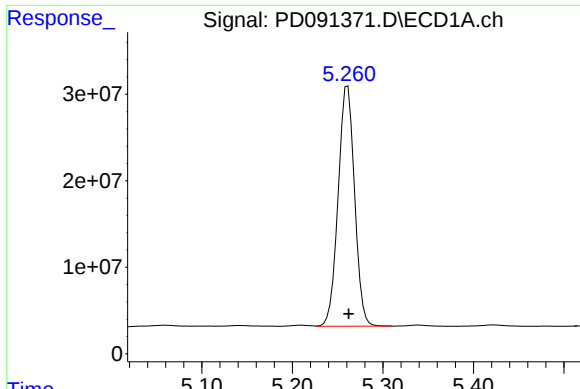
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 346632424
Conc: 48.40 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.001 min
Response: 2863175954
Conc: 51.86 ng/ml



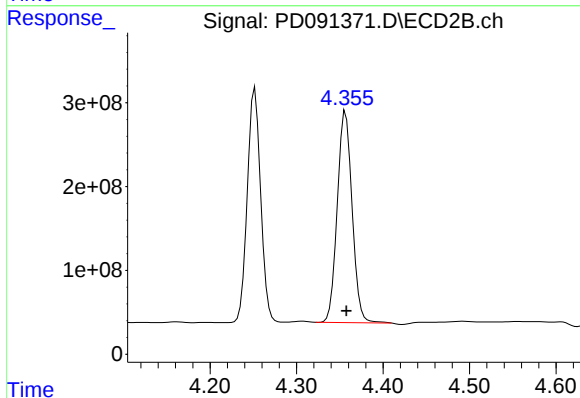
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 349838133
Conc: 48.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

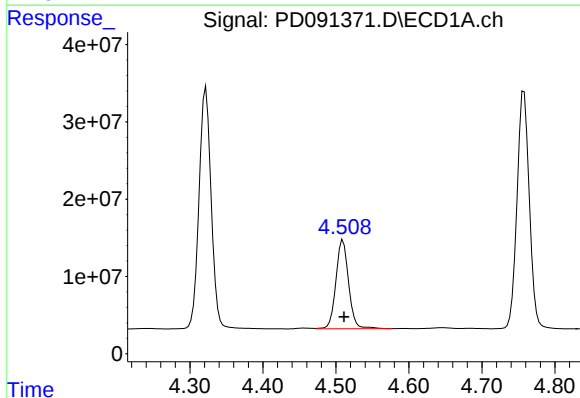
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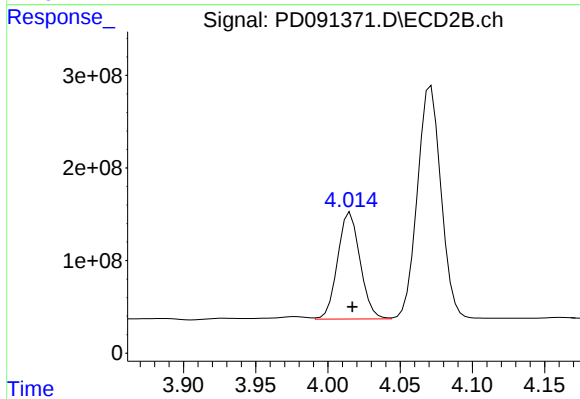
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 2989070094
Conc: 52.94 ng/ml



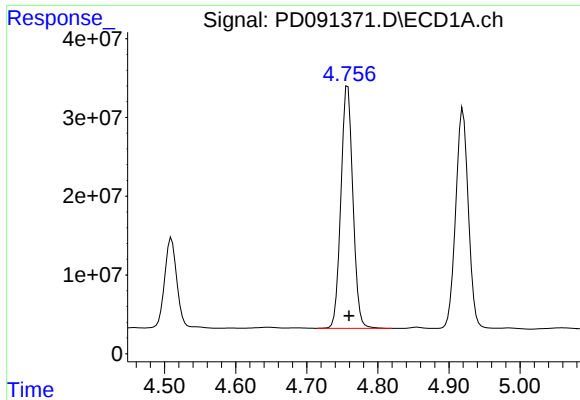
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 138814638
Conc: 47.78 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 1247259057
Conc: 51.91 ng/ml



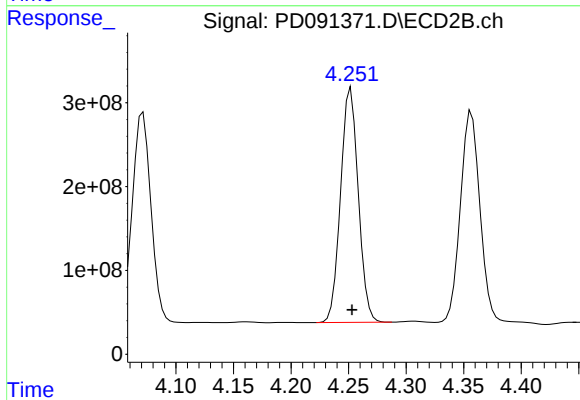
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 360974007
Conc: 48.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

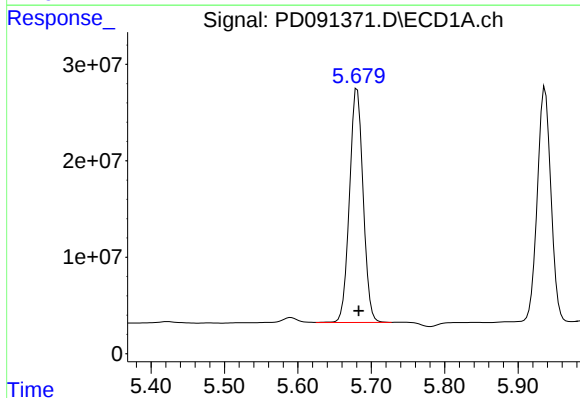
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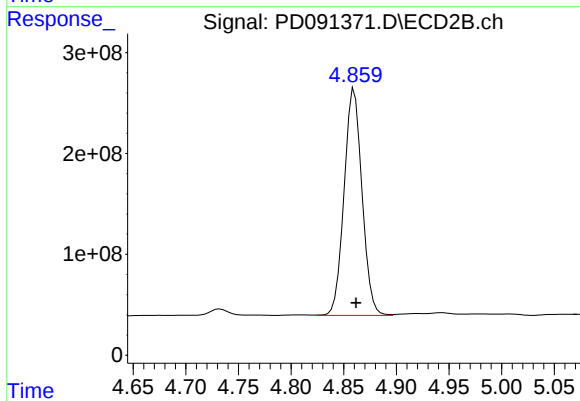
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 2999991340
Conc: 51.30 ng/ml



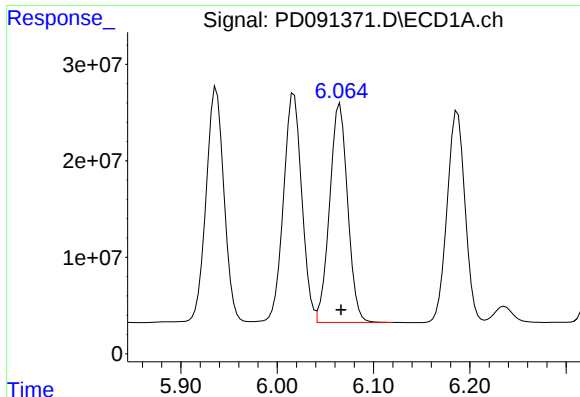
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 312875784
Conc: 48.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2674692085
Conc: 52.49 ng/ml



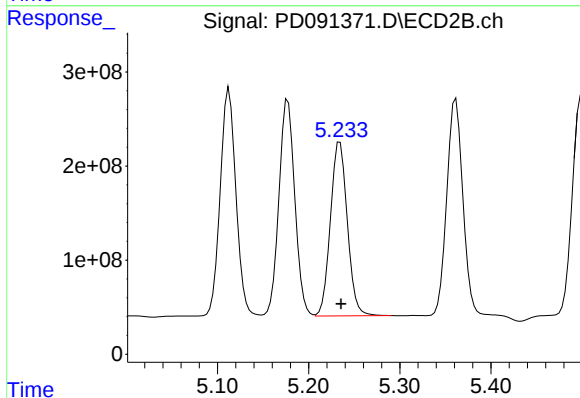
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 295942519
Conc: 48.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

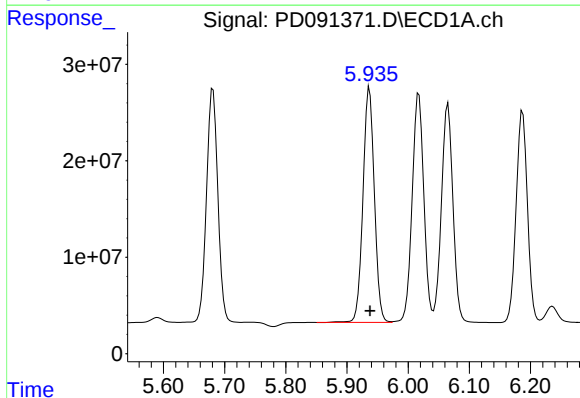
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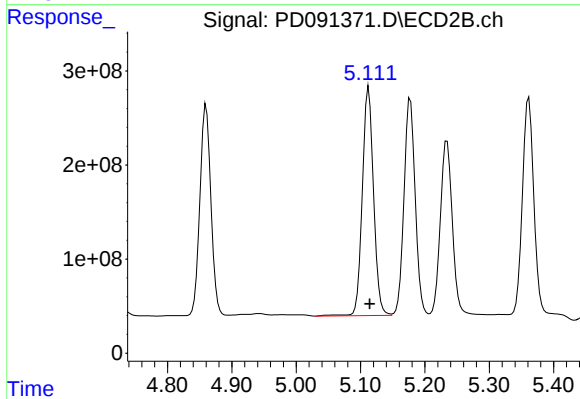
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 2384550175
Conc: 49.83 ng/ml



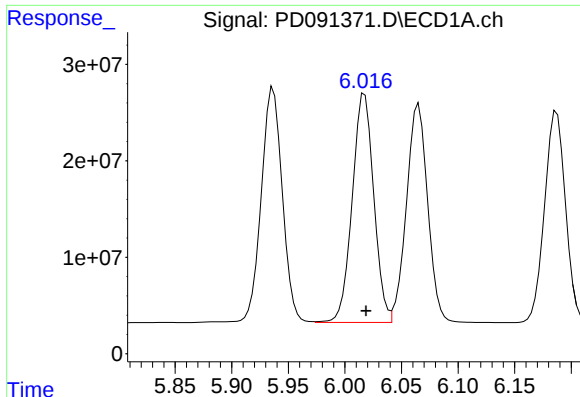
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 315823828
Conc: 48.58 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 2946772675
Conc: 53.94 ng/ml



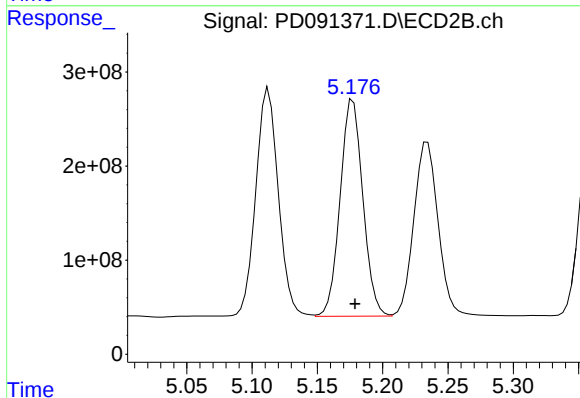
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 314752784
Conc: 45.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

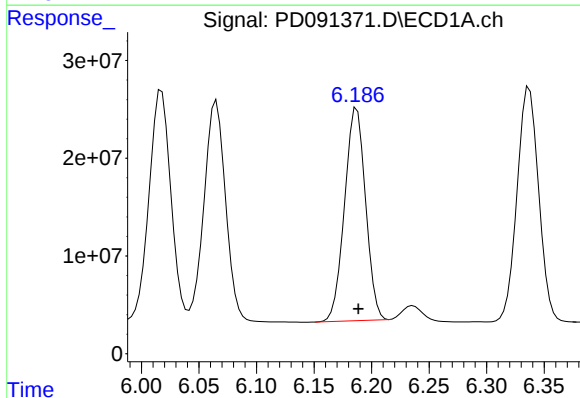
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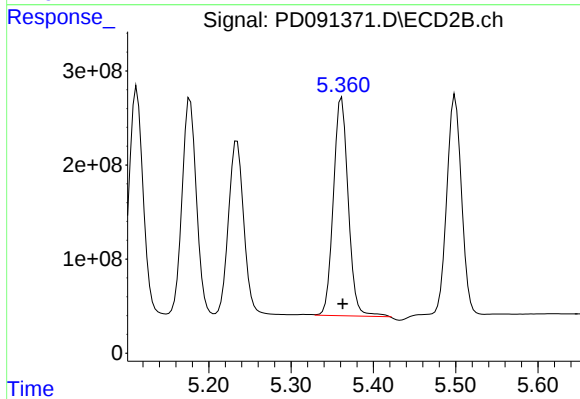
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2793933076
Conc: 53.39 ng/ml



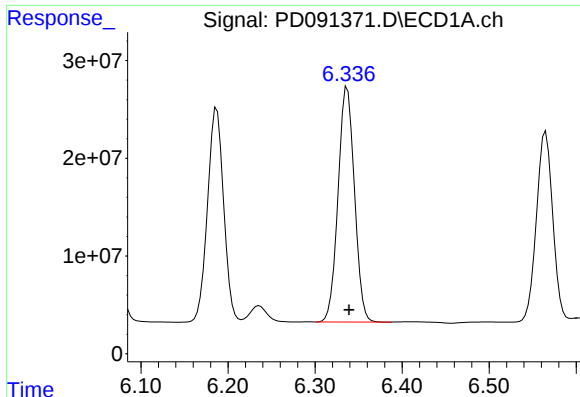
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 277745779
Conc: 47.89 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 2904851043
Conc: 54.36 ng/ml



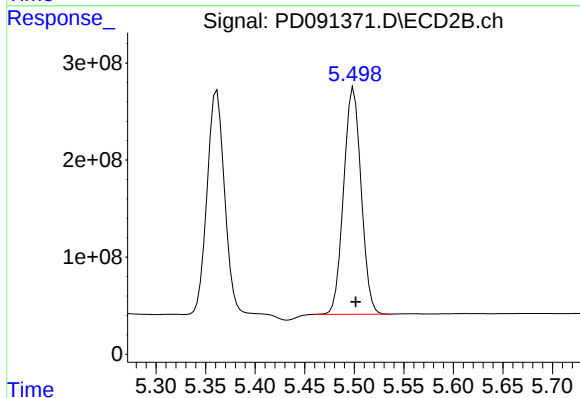
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 314526259
Conc: 48.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

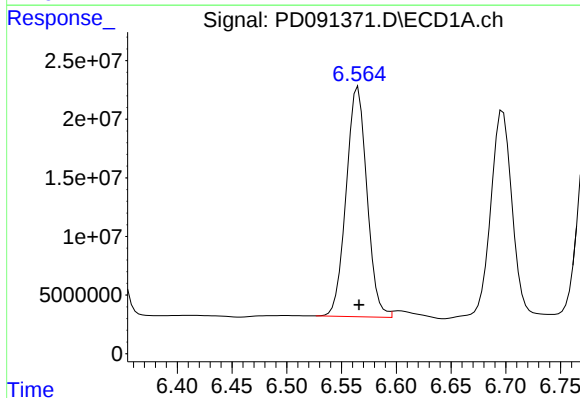
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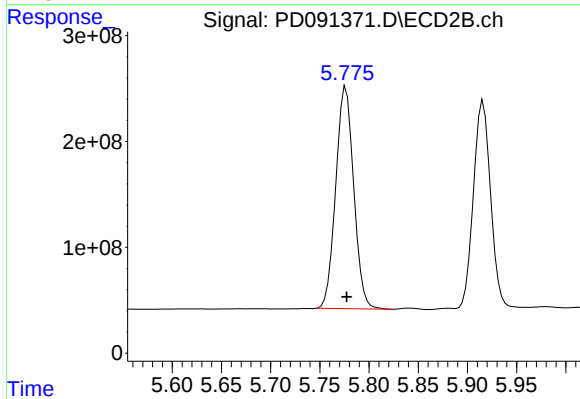
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 2870165638
Conc: 52.85 ng/ml



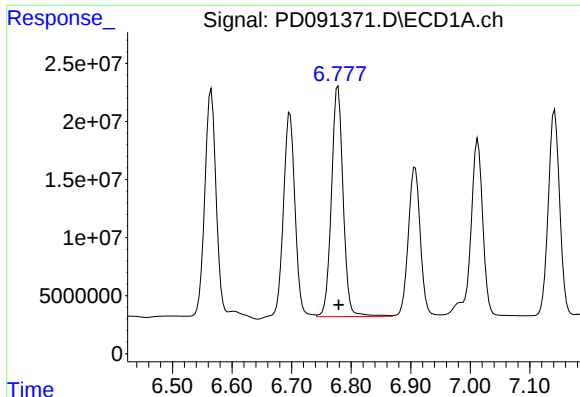
#14 Endrin

R.T.: 6.565 min
Delta R.T.: -0.001 min
Response: 258772405
Conc: 52.14 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 2668544693
Conc: 59.05 ng/ml



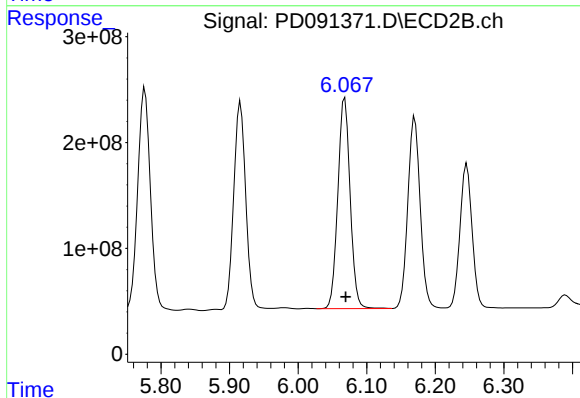
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 271227860
Conc: 48.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

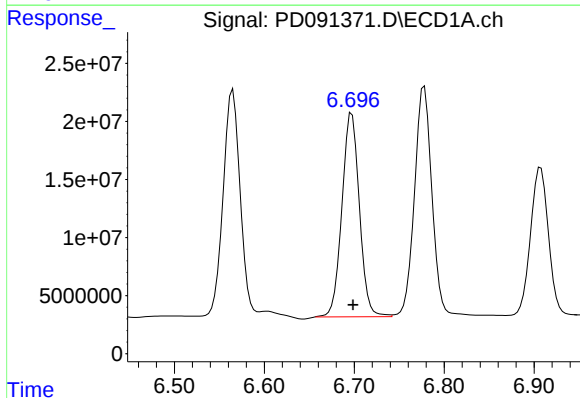
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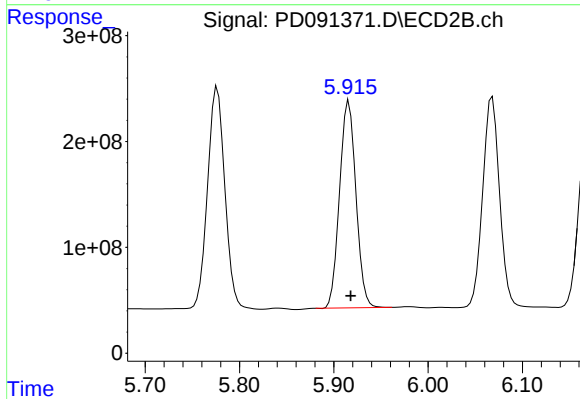
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2482886485
Conc: 53.19 ng/ml



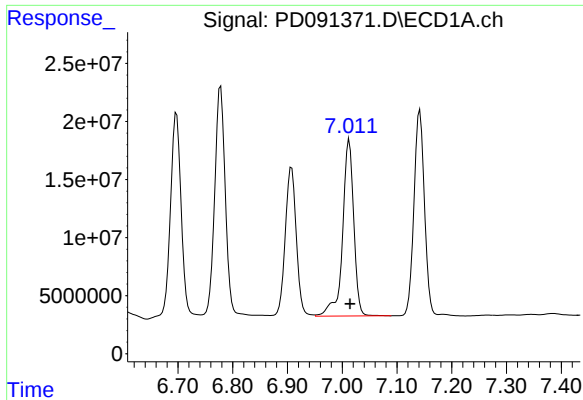
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: -0.001 min
Response: 237004304
Conc: 48.25 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2363250242
Conc: 48.36 ng/ml



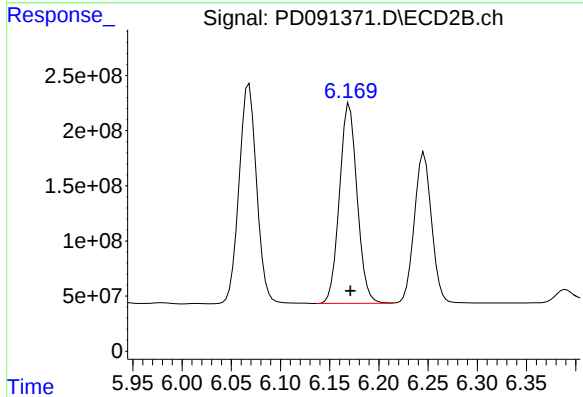
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.001 min
Response: 215773926
Conc: 52.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

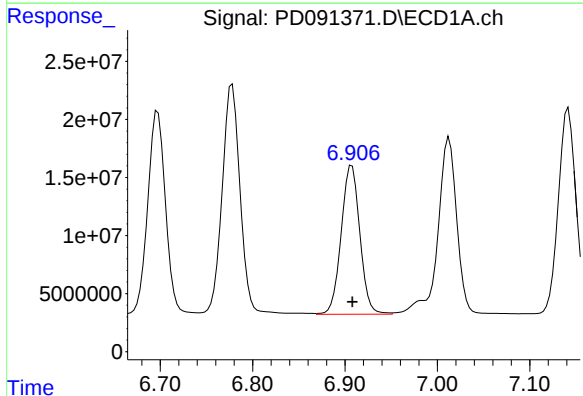
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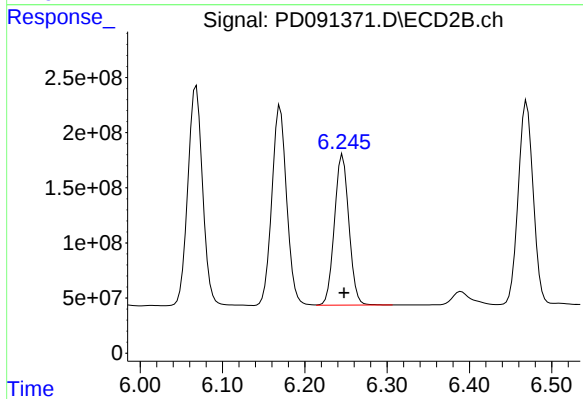
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 2264523693
Conc: 57.87 ng/ml



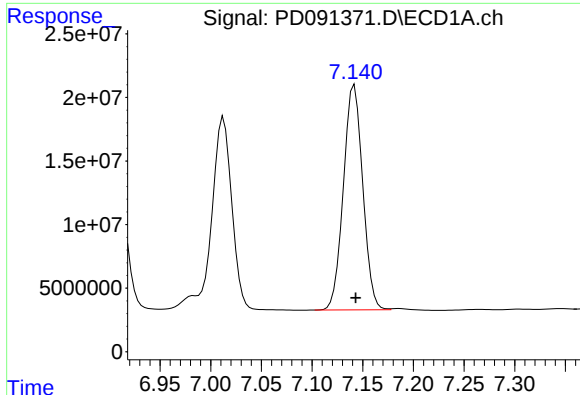
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 180378613
Conc: 43.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 1667697277
Conc: 47.26 ng/ml



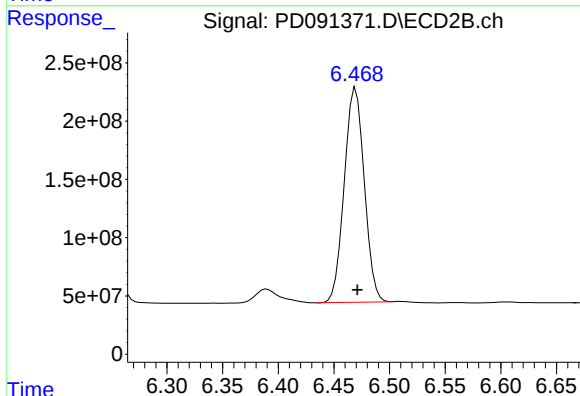
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 234730544
Conc: 45.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

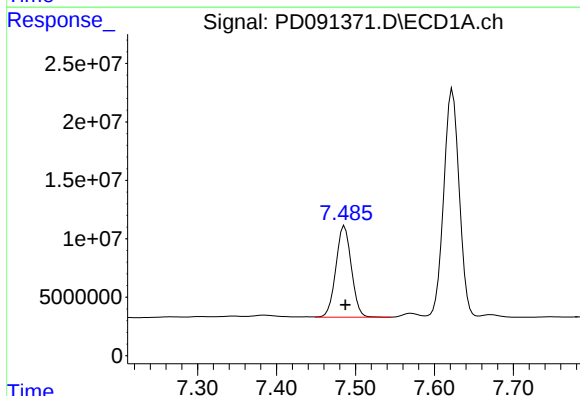
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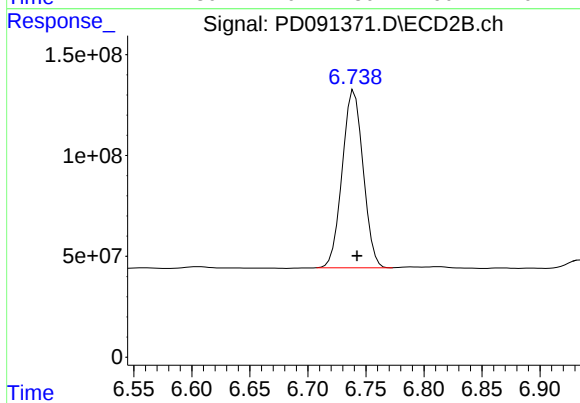
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 2308393696
Conc: 51.49 ng/ml



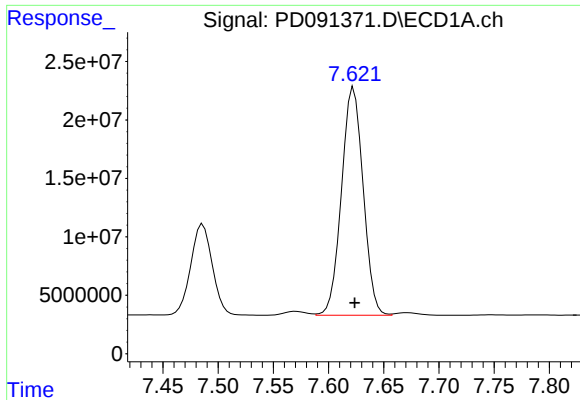
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 106394283
Conc: 48.93 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 1104083955
Conc: 55.06 ng/ml



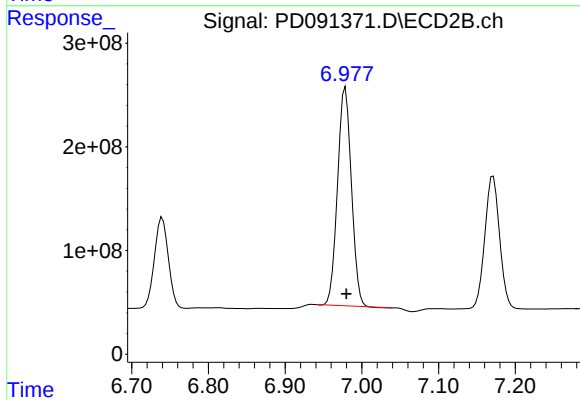
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 266329368
Conc: 47.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

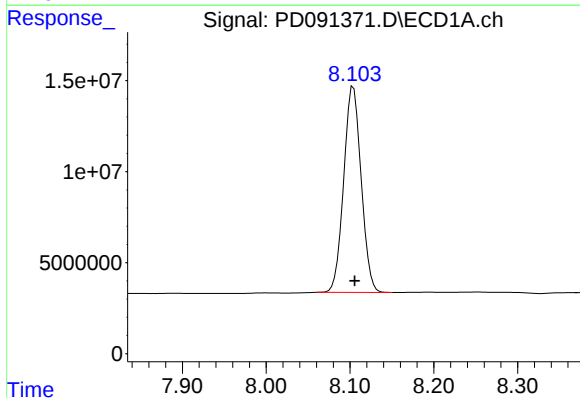
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/01/2025
Supervised By :mohammad ahmed 12/03/2025



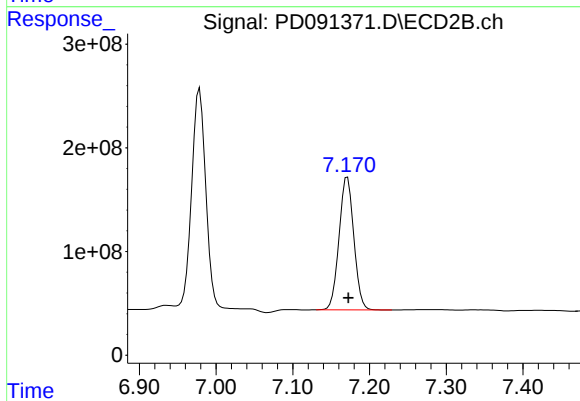
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 2644662779
Conc: 51.90 ng/ml



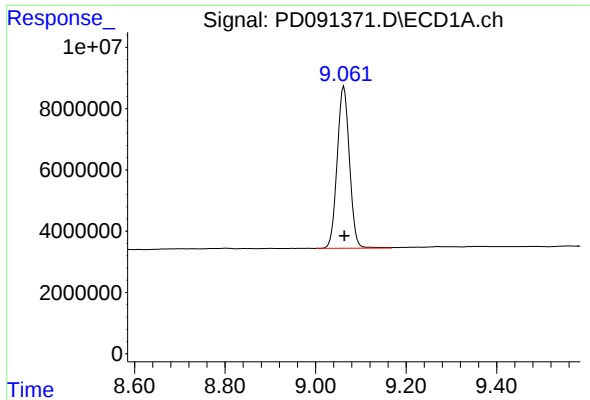
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 163815124
Conc: 46.05 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 1714830627
Conc: 51.75 ng/ml



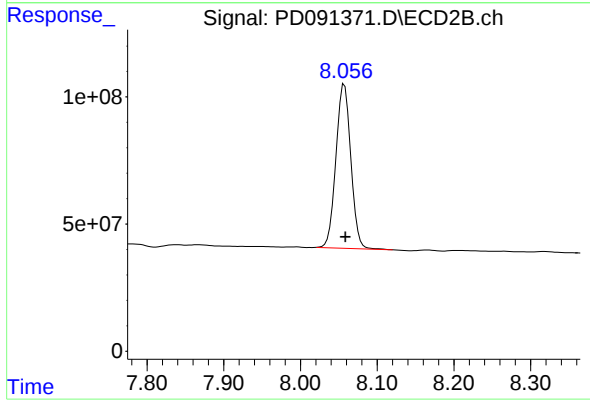
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 99652871
Conc: 20.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/01/2025
Supervised By :mohammad ahmed 12/03/2025



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 870974088
Conc: 22.01 ng/ml