

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
 Data File : PD091496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2025 18:34
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD120825

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/09/2025
 Supervised By : Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 04:16:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 08 18:16:02 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...	3.540	2.870	166.9E6	1908.0E6	48.049	48.423
28)	SA Decachlor...	9.057	8.054	249.1E6	2110.3E6	47.927	50.959
Target Compounds							
2)	A alpha-BHC	3.989	3.381	401.1E6	3342.7E6	49.820	49.032
3)	MA gamma-BHC...	4.320	3.717	373.6E6	2947.7E6	49.708	52.423
4)	MA Heptachlor	4.917	4.069	354.1E6	2941.4E6	49.885	50.467
5)	MB Aldrin	5.258	4.354	350.7E6	2913.8E6	50.404	50.251
6)	B beta-BHC	4.507	4.014	139.1E6	1205.9E6	48.188	50.333
7)	B delta-BHC	4.754	4.250	322.3E6	3010.2E6	53.874m	50.264
8)	B Heptachlo...	5.678	4.858	310.1E6	2561.3E6	50.073	50.621
9)	A Endosulfan I	6.061	5.232	299.0E6	2474.0E6	48.935	50.502
10)	B gamma-Chl...	5.934	5.111	316.8E6	2844.0E6	49.672	50.948
11)	B alpha-Chl...	6.014	5.175	322.0E6	2707.7E6	47.941	50.564
12)	B 4,4'-DDE	6.184	5.359	288.4E6	2746.4E6	49.637	50.110
13)	MA Dieldrin	6.335	5.497	322.9E6	2787.7E6	49.629	50.262
14)	MA Endrin	6.562	5.774	277.5E6	2584.4E6	49.475	49.435
15)	B Endosulfa...	6.775	6.065	275.9E6	2364.5E6	45.378	50.187
16)	A 4,4'-DDD	6.694	5.914	228.8E6	2307.6E6	49.708	50.730
17)	MA 4,4'-DDT	7.010	6.167	252.6E6	2444.5E6	48.985	51.572
18)	B Endrin al...	6.904	6.244	202.4E6	1783.7E6	48.455	49.977
19)	B Endosulfa...	7.138	6.467	257.3E6	2335.9E6	48.735	50.677
20)	A Methoxychlor	7.483	6.737	129.3E6	1220.3E6	48.093	51.712
21)	B Endrin ke...	7.619	6.976	274.7E6	2500.5E6	48.757	51.405
22)	Mirex	8.101	7.168	178.9E6	1689.1E6	48.140	51.537

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

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Data File : PD091496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 18:34
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

ICVPD120825

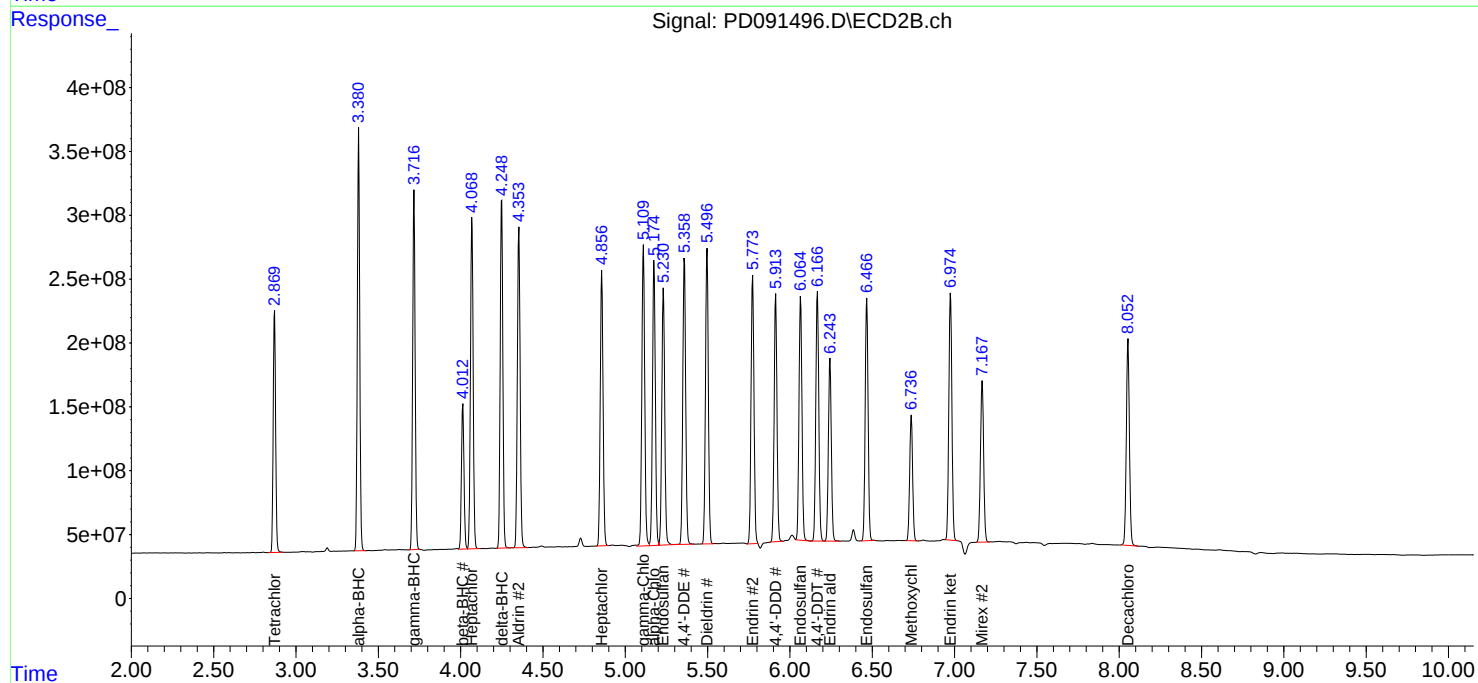
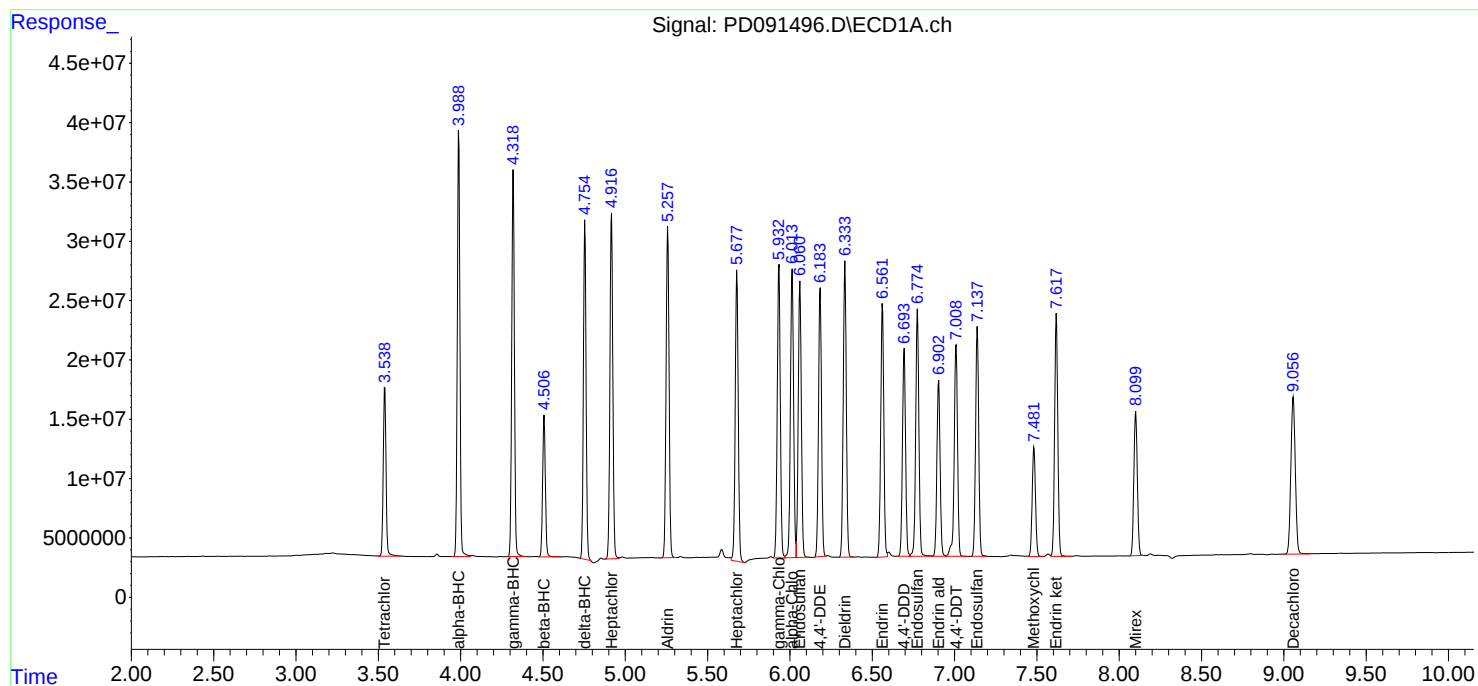
Manual Integrations

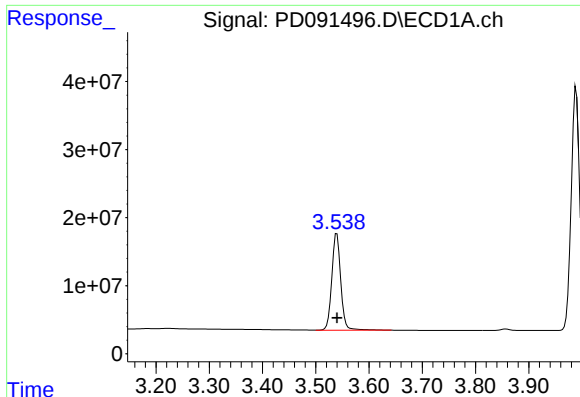
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Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 04:16:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Mon Dec 08 18:16:02 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





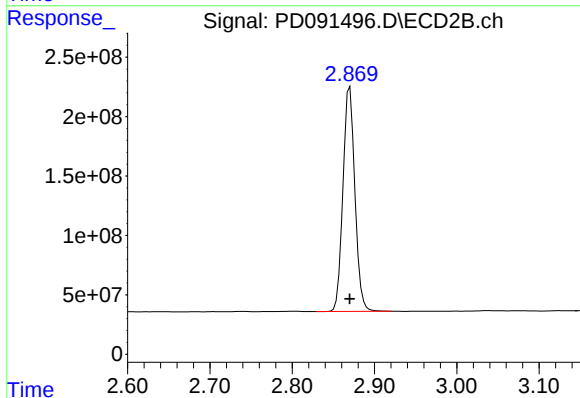
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 166890247
Conc: 48.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD120825

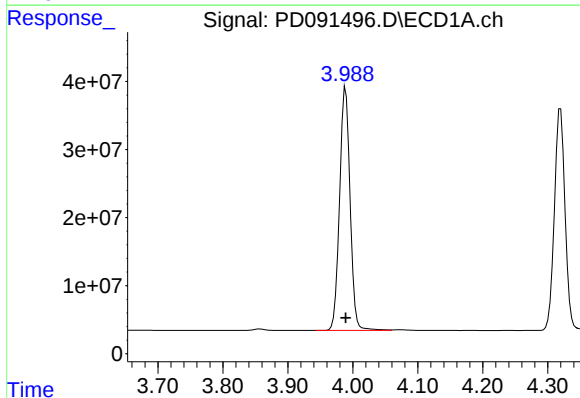
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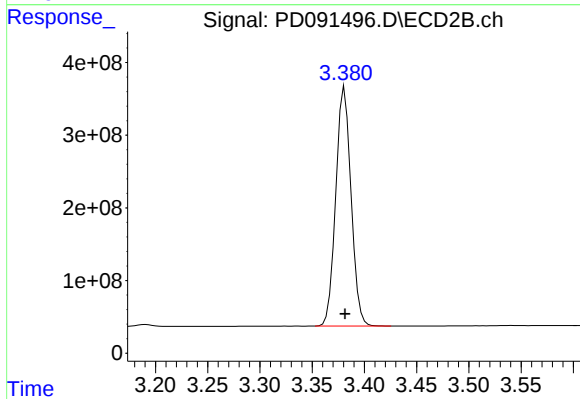
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 1908004784
Conc: 48.42 ng/ml



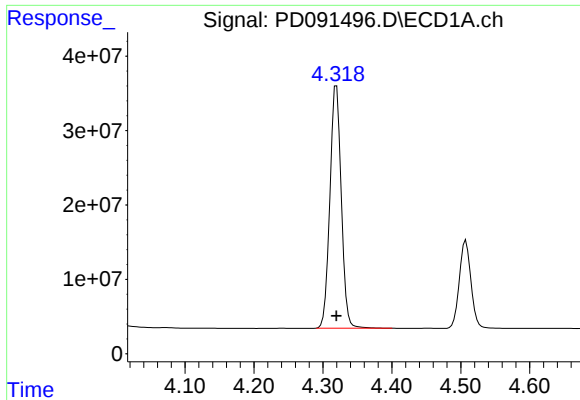
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 401093855
Conc: 49.82 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3342695176
Conc: 49.03 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 373593205
Conc: 49.71 ng/ml

Instrument :

ECD_D

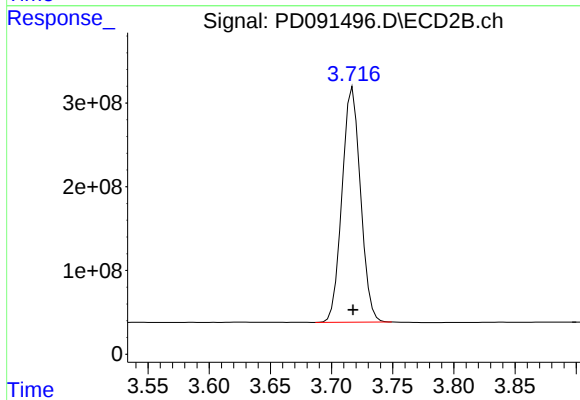
ClientSampleId :

ICVPD120825

Manual Integrations

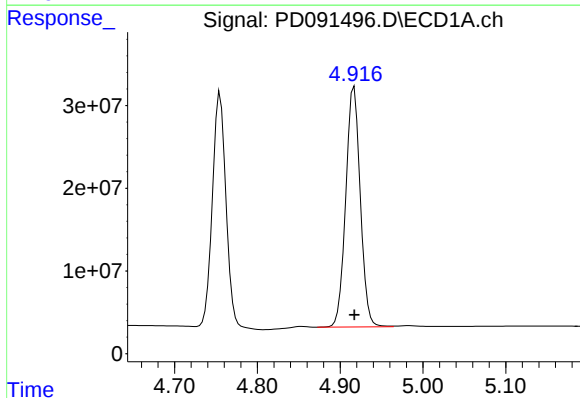
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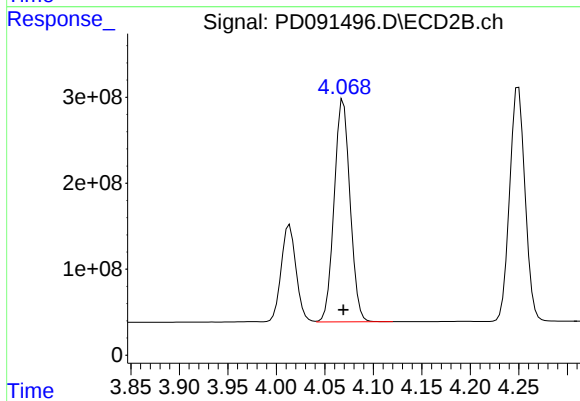
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 2947683552
Conc: 52.42 ng/ml



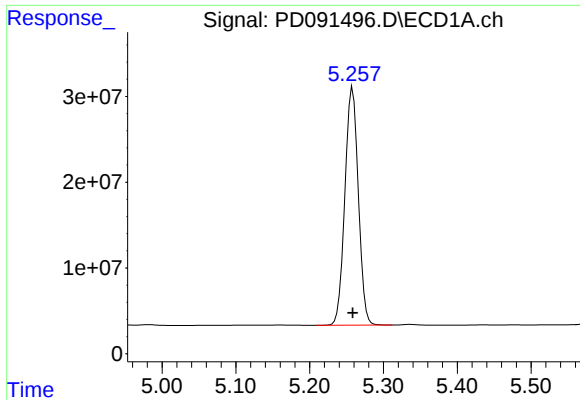
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 354126574
Conc: 49.88 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 2941384979
Conc: 50.47 ng/ml



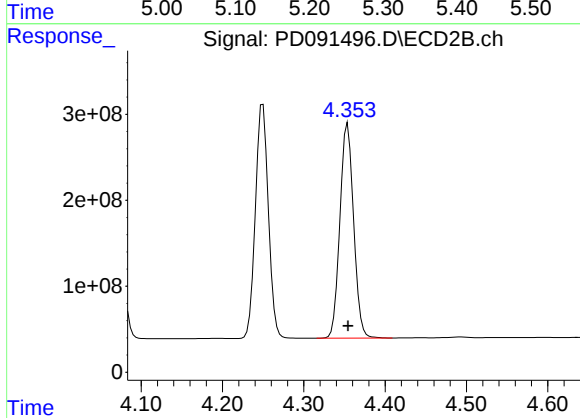
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 350701497
Conc: 50.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD120825

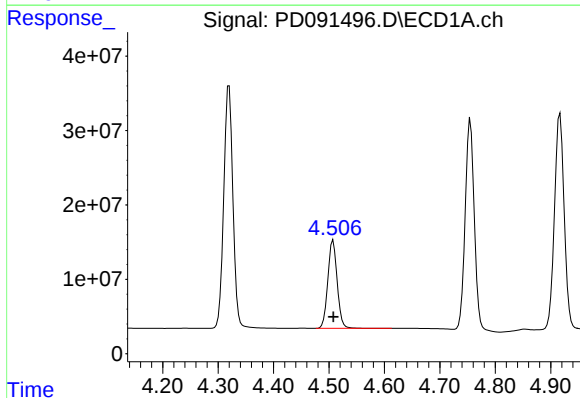
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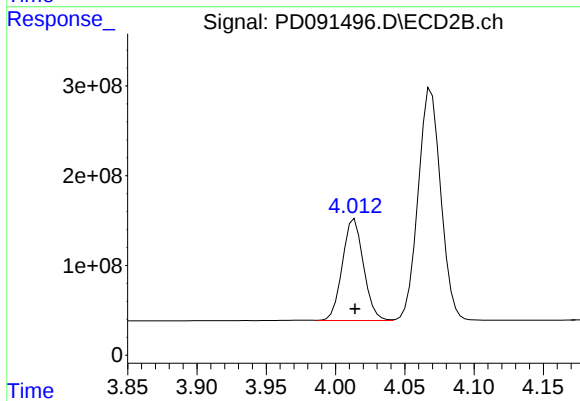
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 2913848771
Conc: 50.25 ng/ml



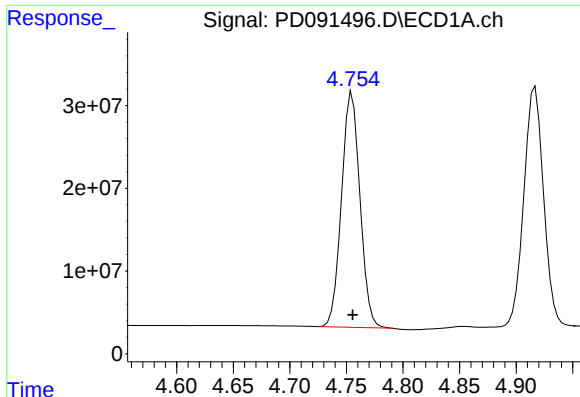
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 139120891
Conc: 48.19 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1205918968
Conc: 50.33 ng/ml



#7 delta-BHC

R.T.: 4.754 min
Delta R.T.: -0.002 min
Response: 322287300
Conc: 53.87 ng/ml

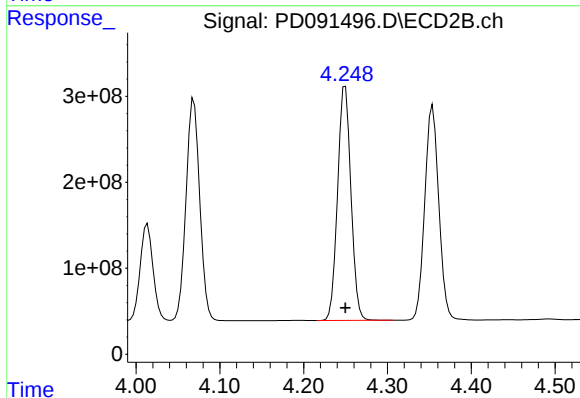
Instrument :

ECD_D

ClientSampleId :
ICVPD120825

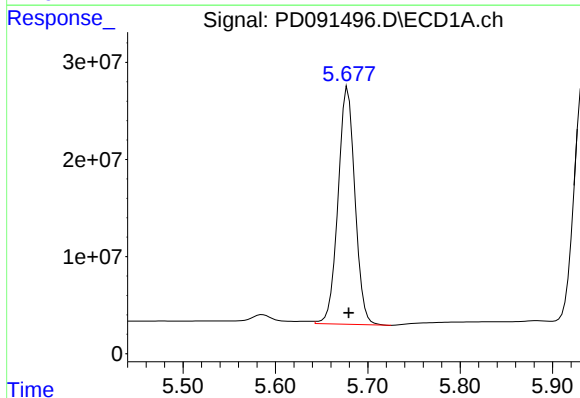
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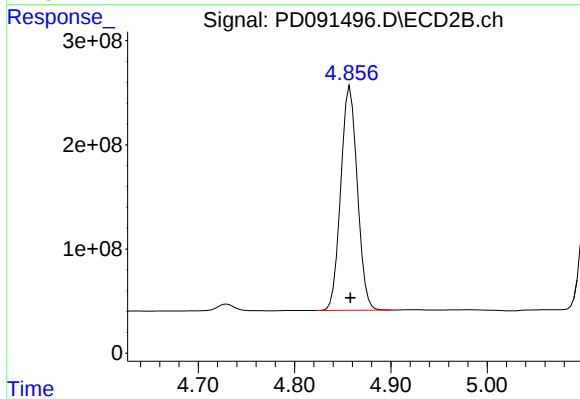
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 3010172719
Conc: 50.26 ng/ml



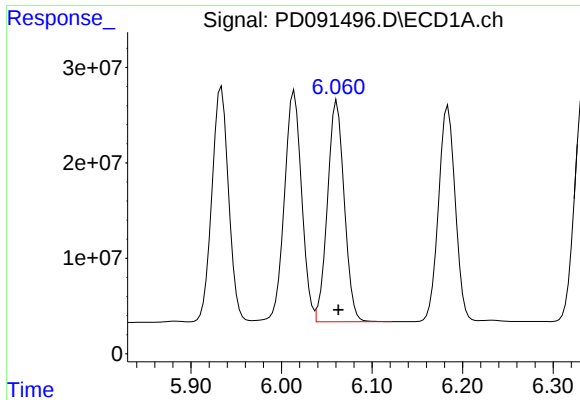
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 310067658
Conc: 50.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 2561265631
Conc: 50.62 ng/ml



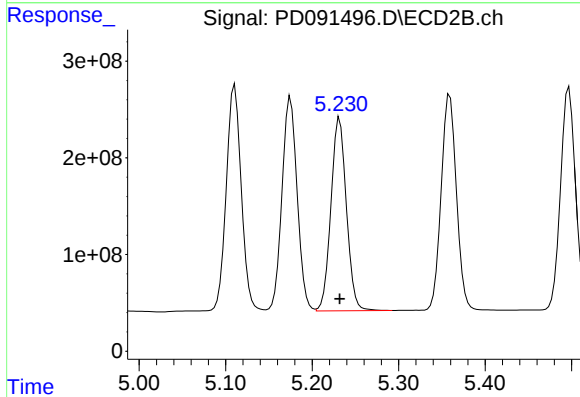
#9 Endosulfan I

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 298982759
Conc: 48.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD120825

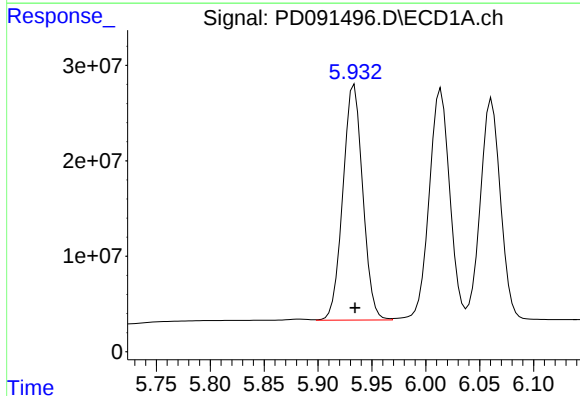
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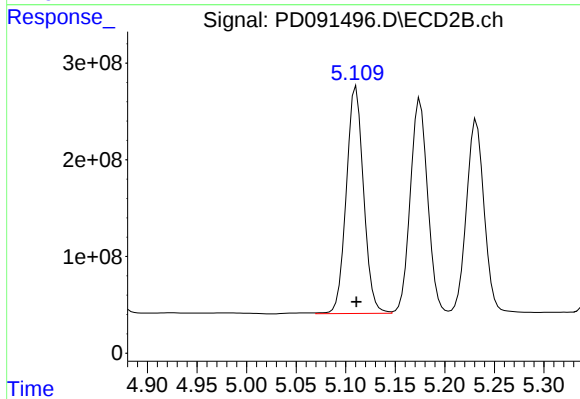
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 2474039864
Conc: 50.50 ng/ml



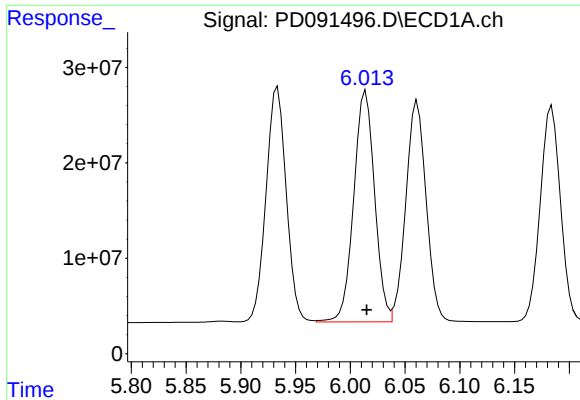
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 316760768
Conc: 49.67 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 2843957357
Conc: 50.95 ng/ml



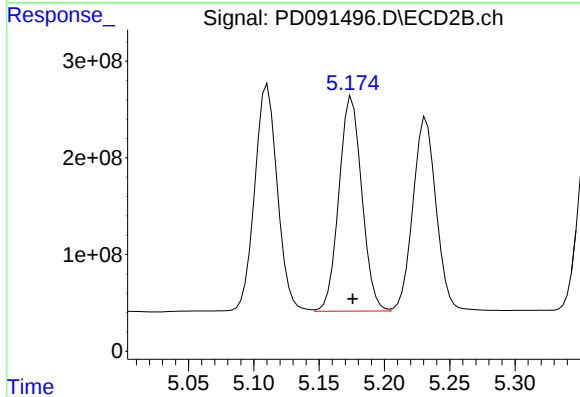
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 321981046
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD120825

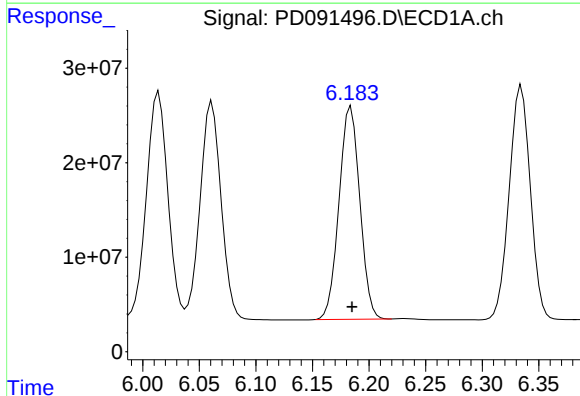
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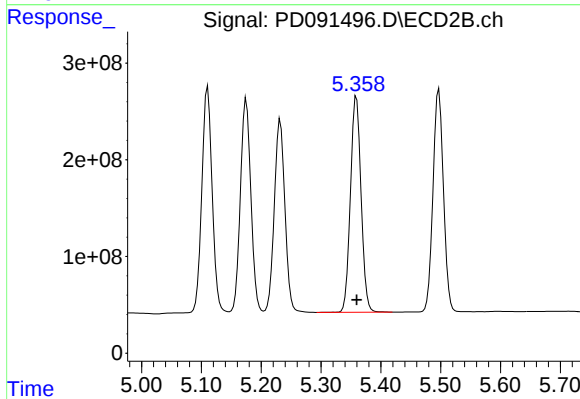
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 2707729330
Conc: 50.56 ng/ml



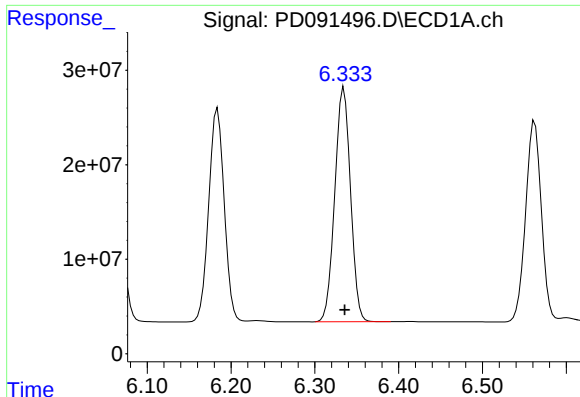
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 288361971
Conc: 49.64 ng/ml



#12 4,4'-DDE

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 2746393276
Conc: 50.11 ng/ml



#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 322924340
Conc: 49.63 ng/ml

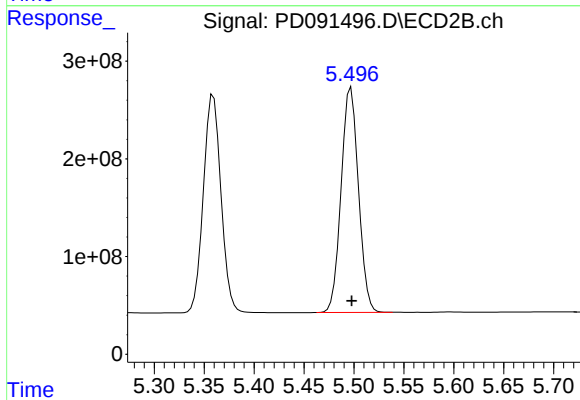
Instrument :

ECD_D

ClientSampleId :
ICVPD120825

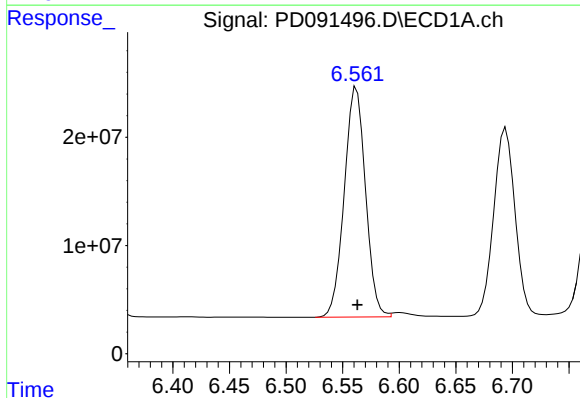
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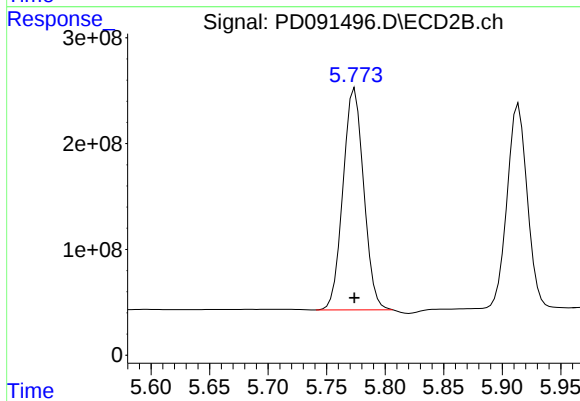
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 2787723478
Conc: 50.26 ng/ml



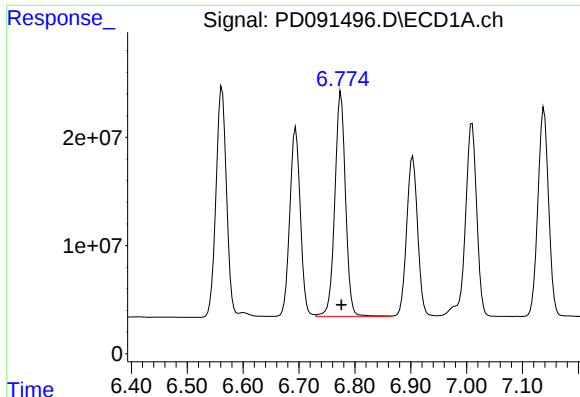
#14 Endrin

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 277464856
Conc: 49.47 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2584385825
Conc: 49.44 ng/ml



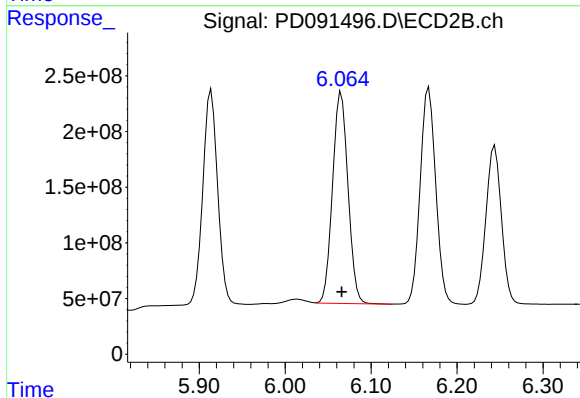
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 275931670
Conc: 45.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD120825

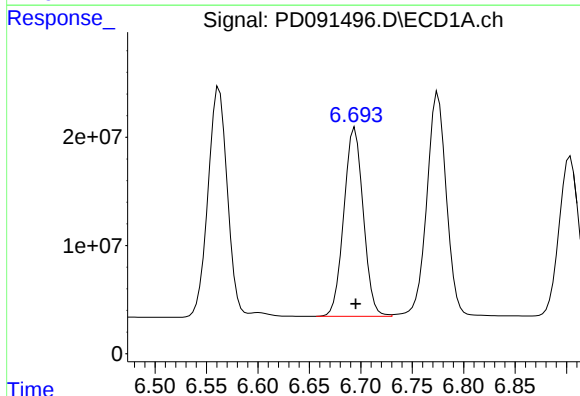
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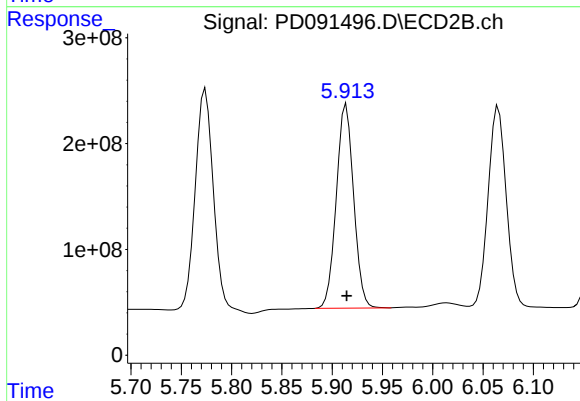
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 2364521336
Conc: 50.19 ng/ml



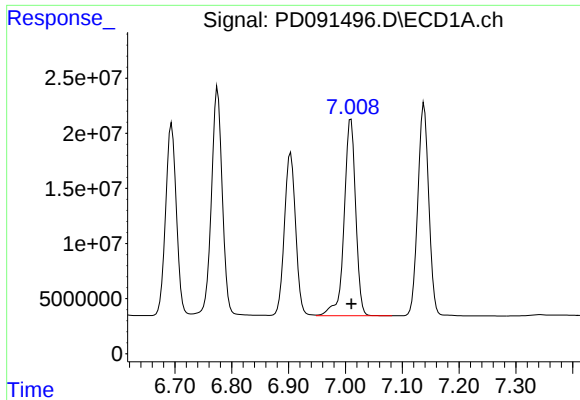
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 228797135
Conc: 49.71 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2307589270
Conc: 50.73 ng/ml



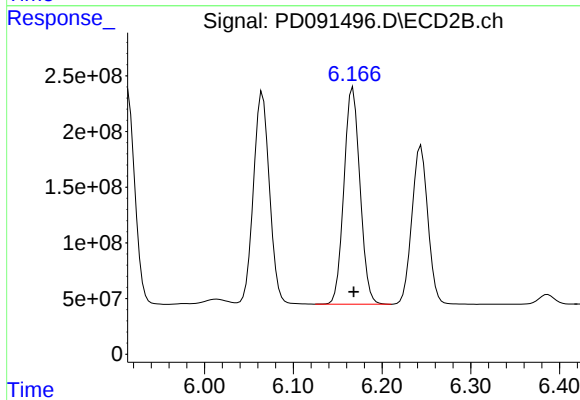
#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.001 min
Response: 252589745
Conc: 48.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD120825

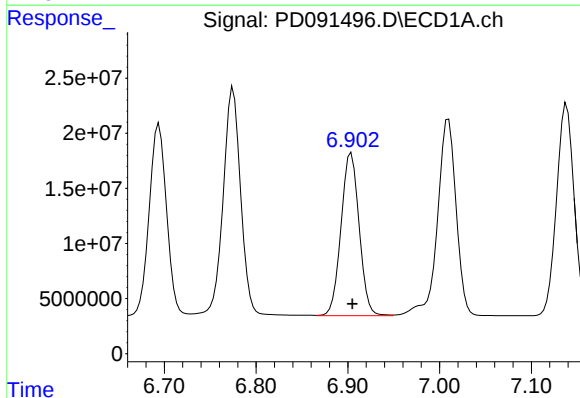
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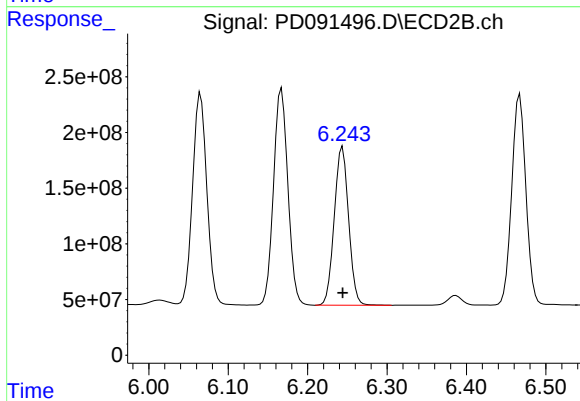
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 2444456333
Conc: 51.57 ng/ml



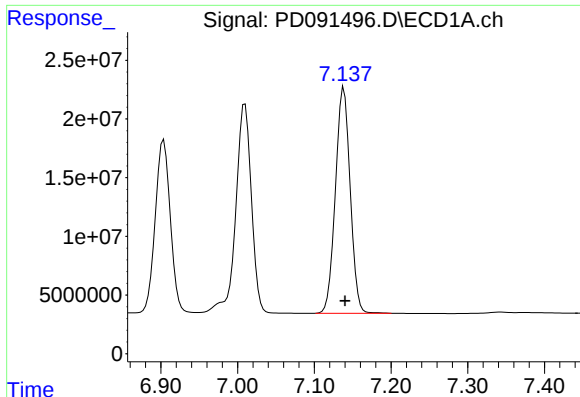
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 202415460
Conc: 48.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1783731464
Conc: 49.98 ng/ml



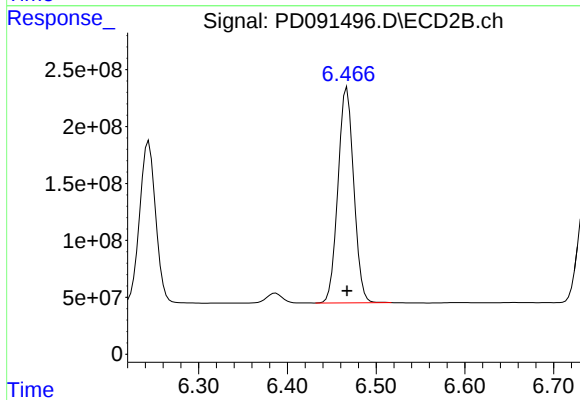
#19 Endosulfan Sulfate

R.T.: 7.138 min
Delta R.T.: -0.001 min
Response: 257282745
Conc: 48.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD120825

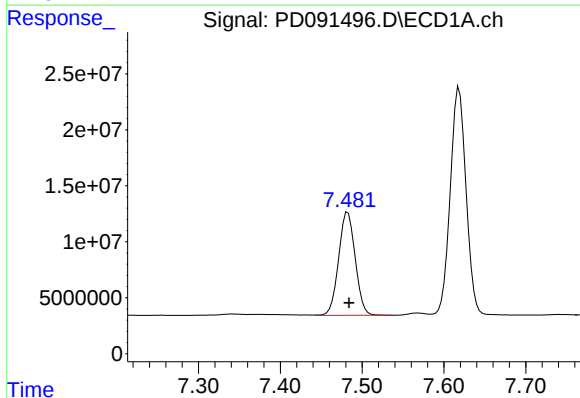
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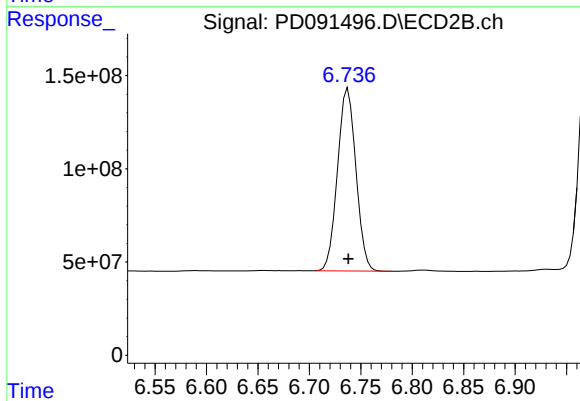
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2335899658
Conc: 50.68 ng/ml



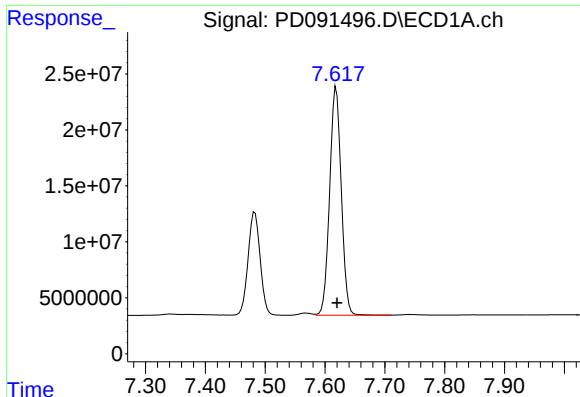
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 129272040
Conc: 48.09 ng/ml



#20 Methoxychlor

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 1220305650
Conc: 51.71 ng/ml



#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 274692103
Conc: 48.76 ng/ml

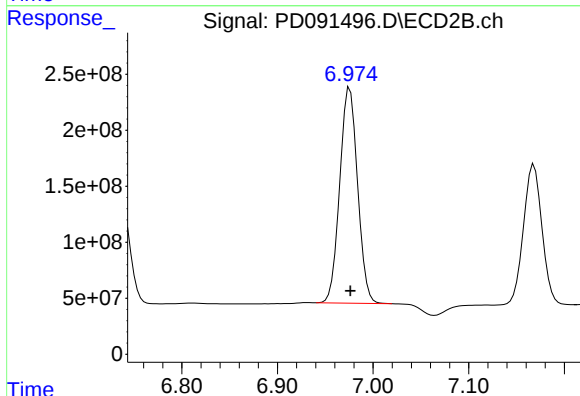
Instrument :

ECD_D

ClientSampleId :
ICVPD120825

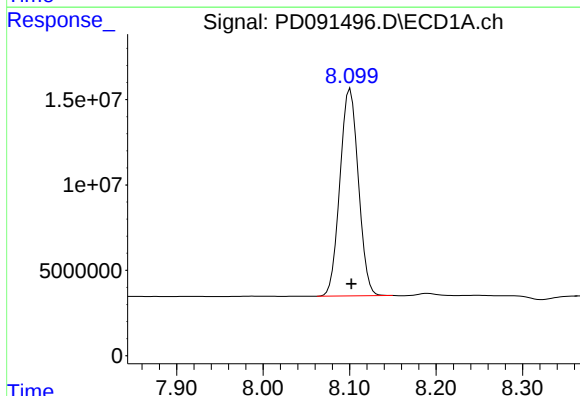
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/09/2025
Supervised By :Yogesh Patel 12/09/2025



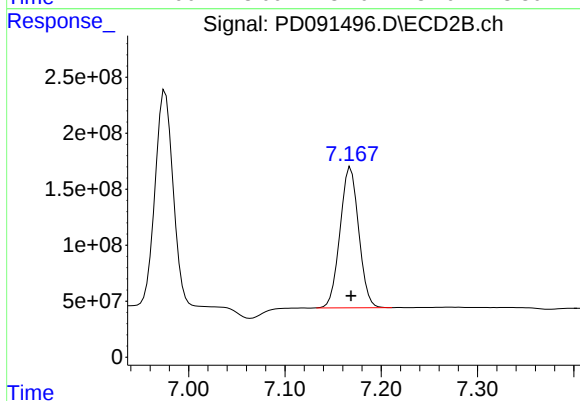
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 2500510955
Conc: 51.41 ng/ml



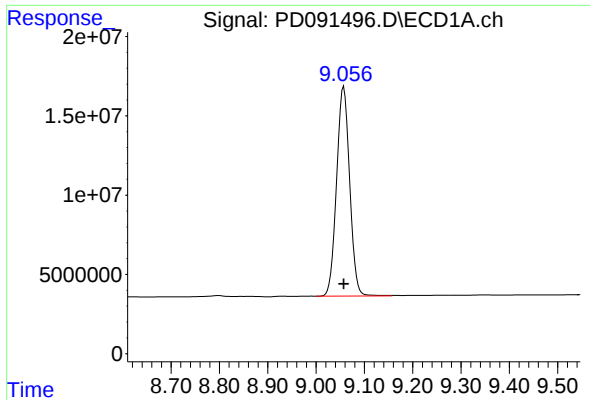
#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.001 min
Response: 178862122
Conc: 48.14 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 1689136614
Conc: 51.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 249124478
Conc: 47.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

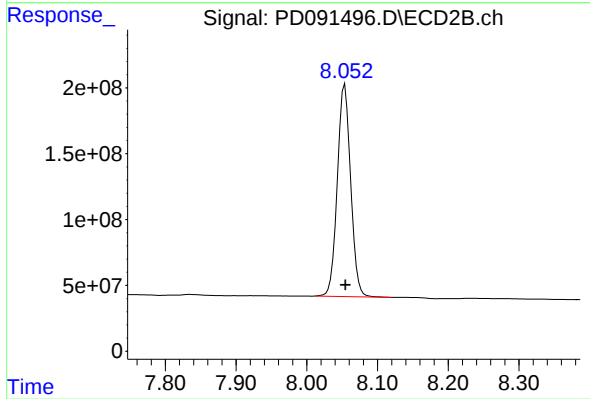
ICVPD120825

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 2110259554
Conc: 50.96 ng/ml