

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021724\
 Data File : PD081467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2024 12:58
 Operator : AR\AJ
 Sample : PB159035BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB159035BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/19/2024
 Supervised By :Ankita Jodhani 02/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 14:40:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.571	2.793	34466673	64877179	24.280	27.121
28)	SA Decachlor...	9.119	7.934	43492296	64675379	21.612	24.281
Target Compounds							
2)	A alpha-BHC	4.028	3.295	117.3E6	200.3E6	47.206	52.200
3)	MA gamma-BHC...	4.362	3.625	112.7E6	187.7E6	46.050	50.193
4)	MA Heptachlor	4.954	3.966	116.8E6	179.4E6	47.376	52.020
5)	MB Aldrin	5.298	4.246	111.1E6	175.0E6	45.268	48.054
6)	B beta-BHC	4.556	3.920	47784262	78870204	47.225	50.474
7)	B delta-BHC	4.806	4.150	110.2E6	187.1E6	43.915	49.848
8)	B Heptachlo...	5.724	4.748	98549096	161.1E6	44.011	48.088
9)	A Endosulfan I	6.111	5.118	95723200	150.0E6	46.153	48.969
10)	B gamma-Chl...	5.980	4.997	100.9E6	163.6E6	46.093	50.001
11)	B alpha-Chl...	6.060	5.062	99746620	160.2E6	45.810	49.011
12)	B 4,4'-DDE	6.231	5.250	97339010	156.4E6	47.835	51.070
13)	MA Dieldrin	6.386	5.382	102.8E6	167.5E6	46.512	49.251
14)	MA Endrin	6.615	5.658	86121050	153.4E6	46.109m	51.774
15)	B Endosulfa...	6.835	5.951	88208304	145.1E6	45.552	50.467
16)	A 4,4'-DDD	6.748	5.805	77732318	133.7E6	47.308	50.939
17)	MA 4,4'-DDT	7.064	6.056	84098095	136.7E6	47.223	51.531
18)	B Endrin al...	6.965	6.130	68075499	110.8E6	44.753	49.141
19)	B Endosulfa...	7.200	6.353	84669618	139.8E6	44.592	50.129
20)	A Methoxychlor	7.538	6.631	43404797	74173608	42.170	47.387
21)	B Endrin ke...	7.686	6.859	93590030	160.8E6	44.754	49.821
22)	Mirex	8.163	7.042	68058600	115.8E6	41.263	45.958

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021724\
Data File : PD081467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2024 12:58
Operator : AR\AJ
Sample : PB159035BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

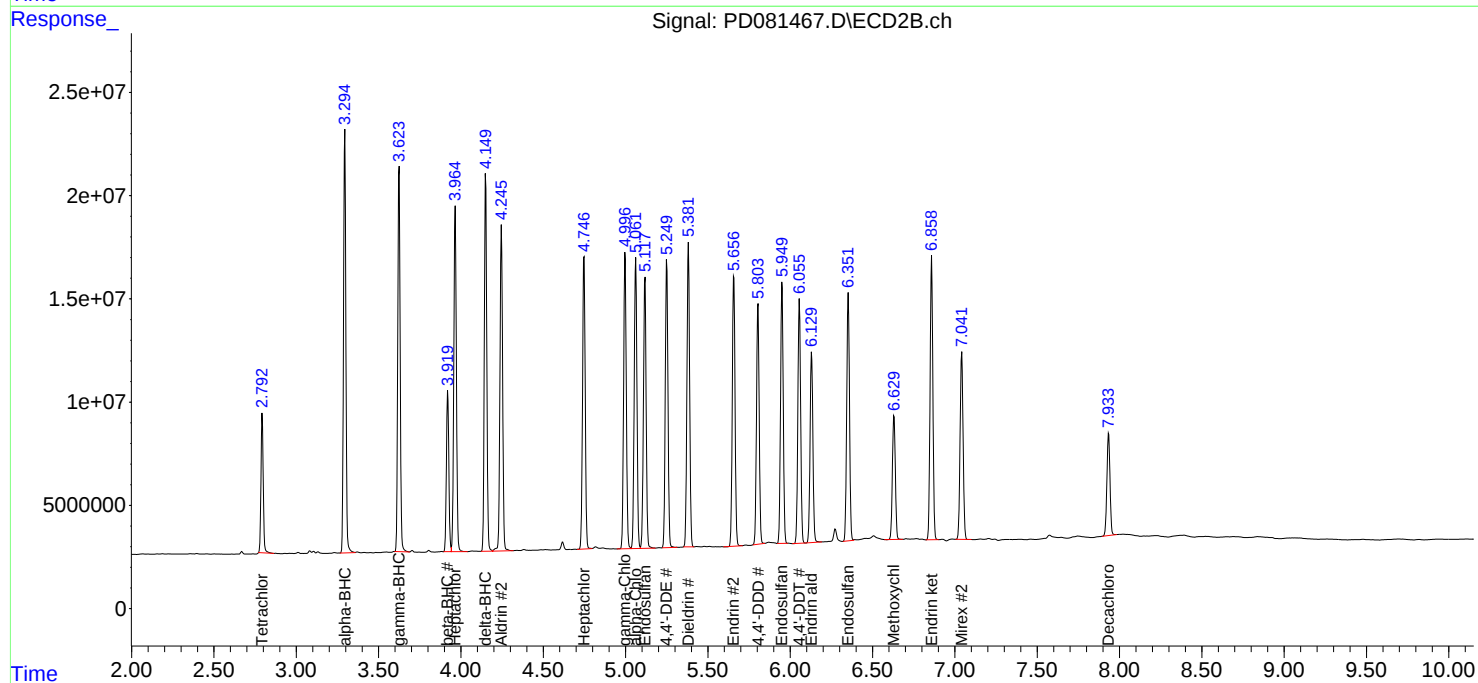
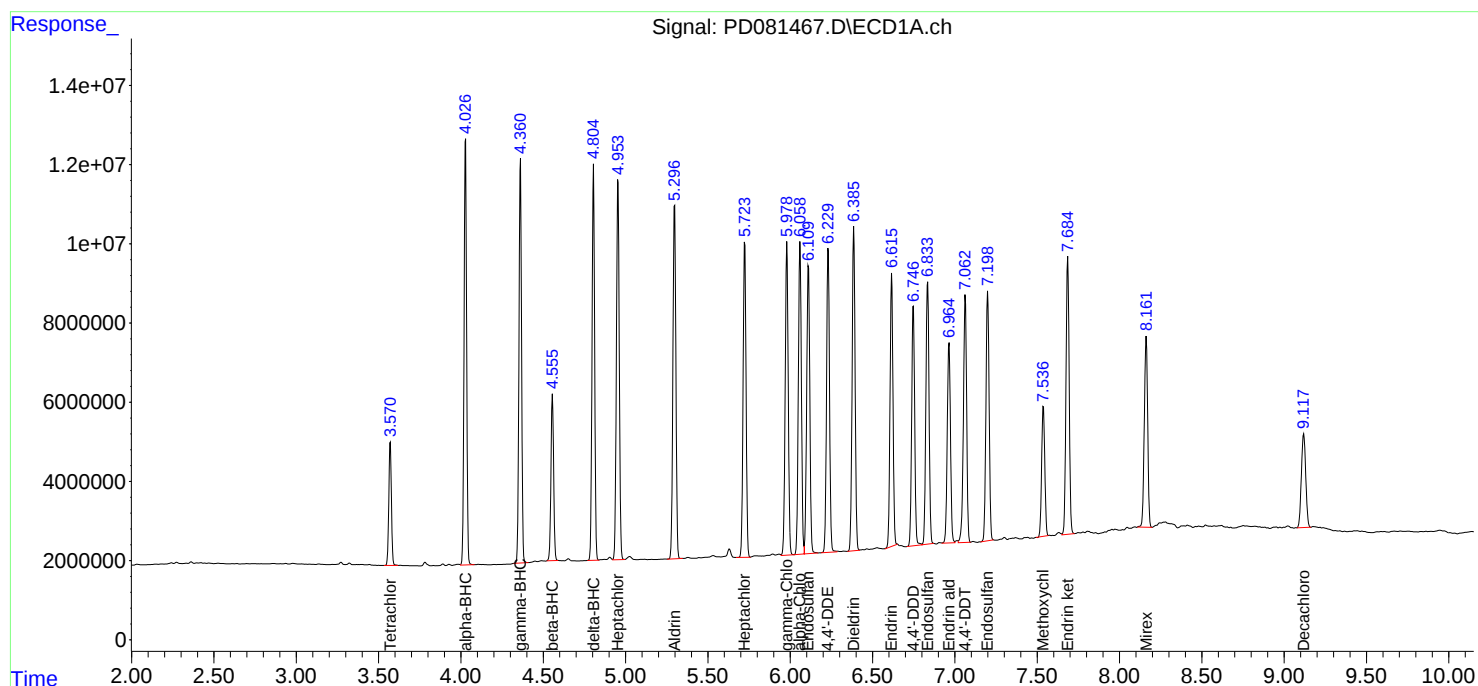
Instrument :
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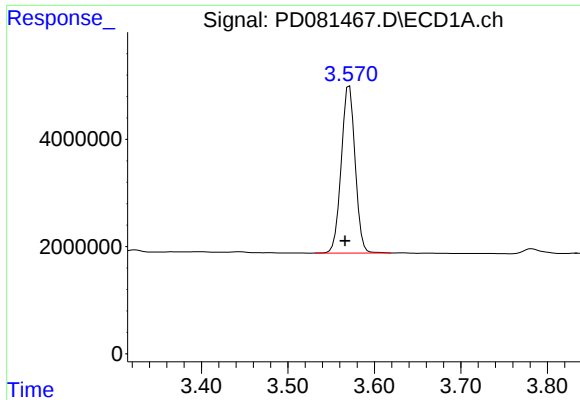
Manual Integrations
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Supervised By :Ankita Jodhani 02/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 14:40:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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Volume Inj. : 1 µl
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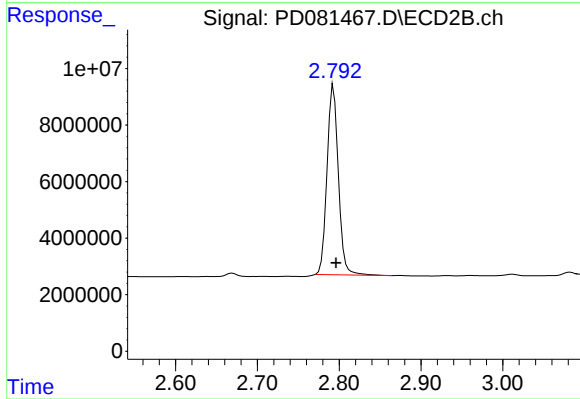
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.005 min
Response: 34466673
Conc: 24.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB159035BS

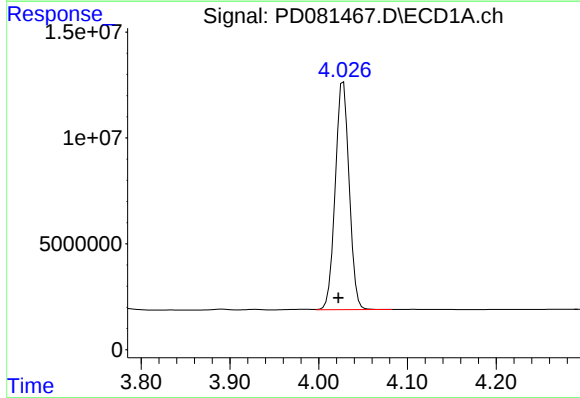
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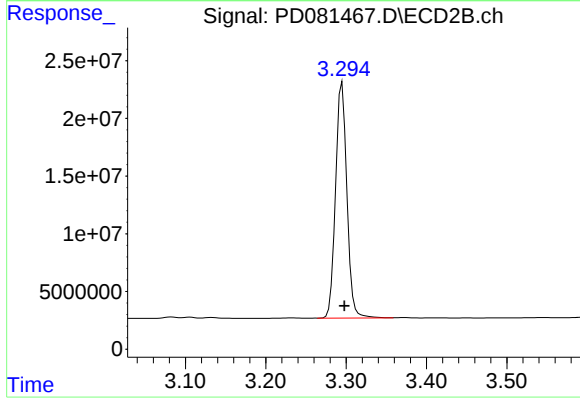
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.003 min
Response: 64877179
Conc: 27.12 ng/ml



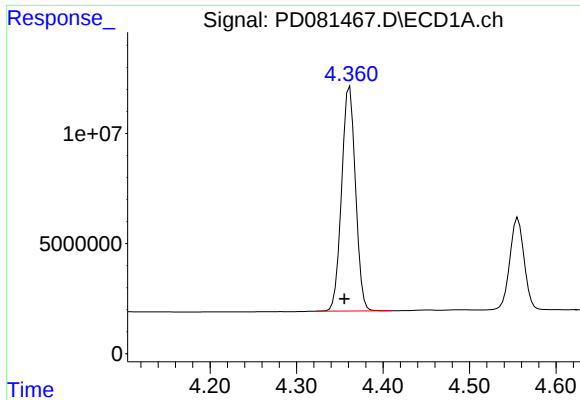
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.005 min
Response: 117252912
Conc: 47.21 ng/ml



#2 alpha-BHC

R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 200295781
Conc: 52.20 ng/ml



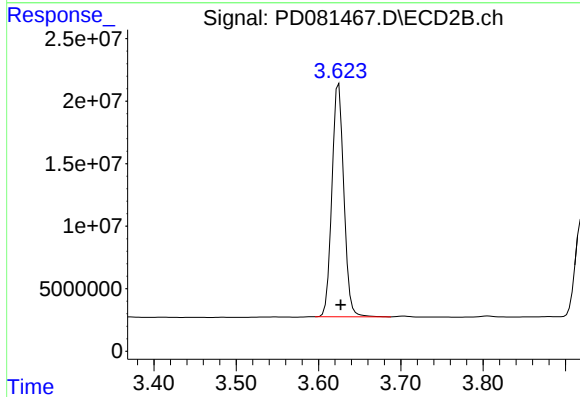
#3 gamma-BHC (Lindane)

R.T.: 4.362 min
Delta R.T.: 0.006 min
Response: 112712606
Conc: 46.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB159035BS

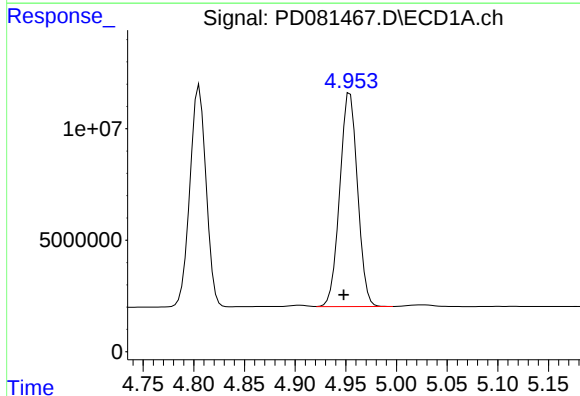
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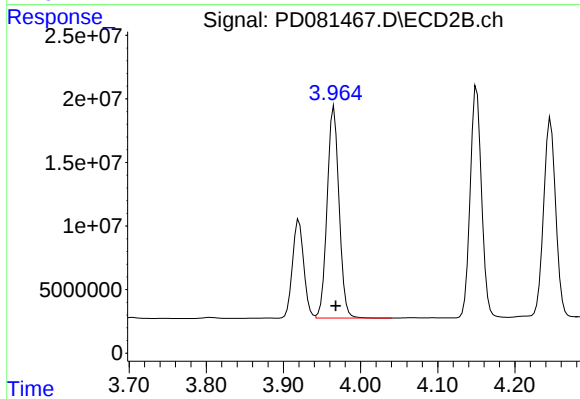
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 187668739
Conc: 50.19 ng/ml



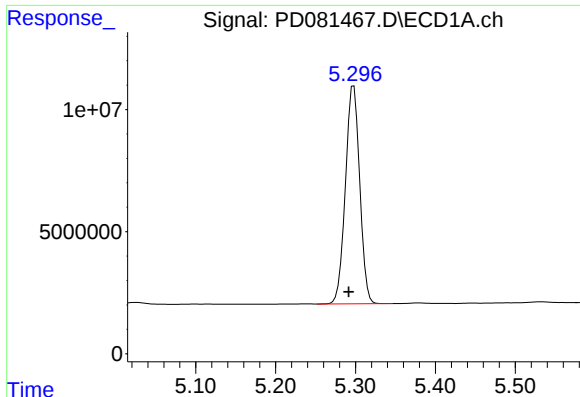
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.006 min
Response: 116846275
Conc: 47.38 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 179367991
Conc: 52.02 ng/ml



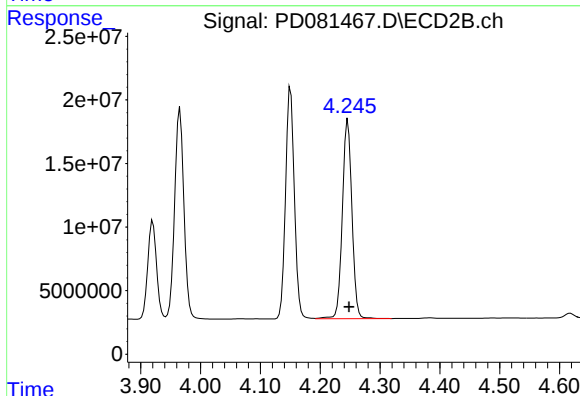
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.006 min
Response: 111115492
Conc: 45.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB159035BS

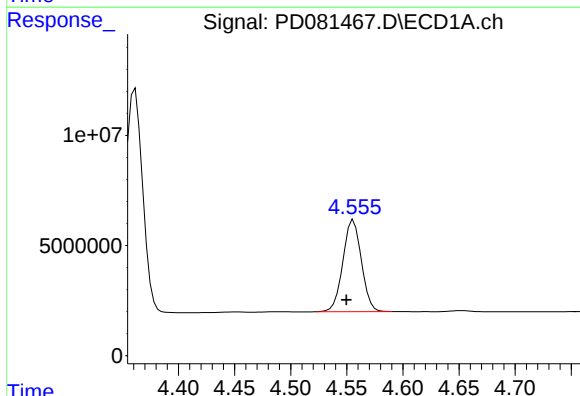
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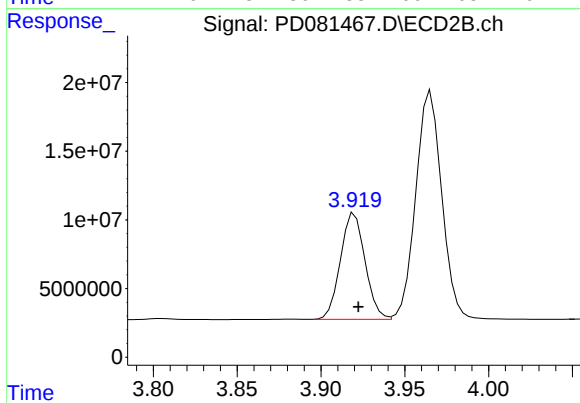
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 175014594
Conc: 48.05 ng/ml



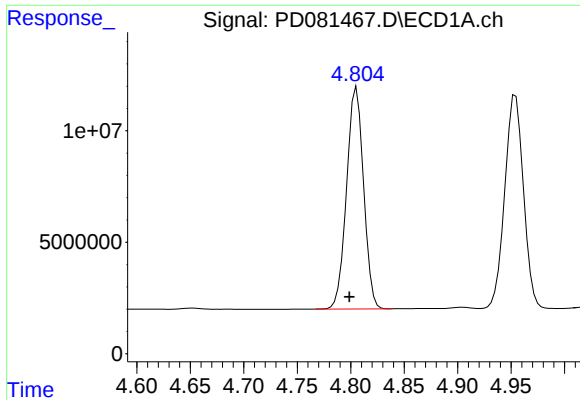
#6 beta-BHC

R.T.: 4.556 min
Delta R.T.: 0.006 min
Response: 47784262
Conc: 47.22 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 78870204
Conc: 50.47 ng/ml



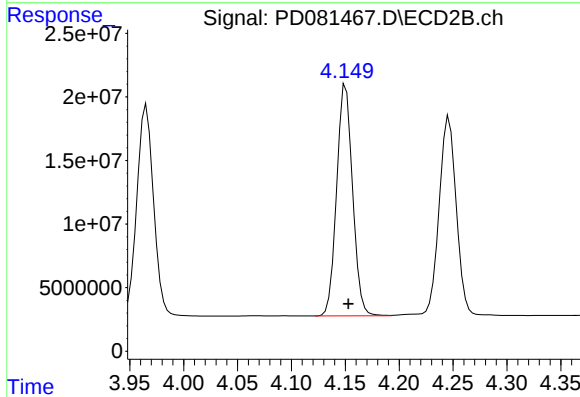
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: 0.007 min
Response: 110172575
Conc: 43.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB159035BS

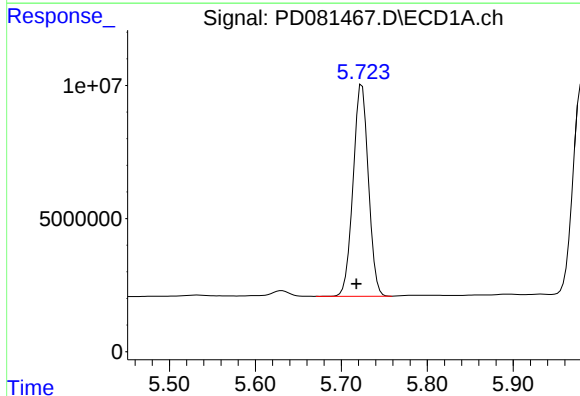
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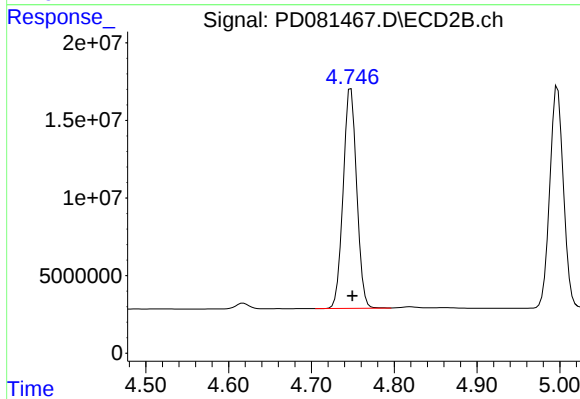
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: -0.002 min
Response: 187078825
Conc: 49.85 ng/ml



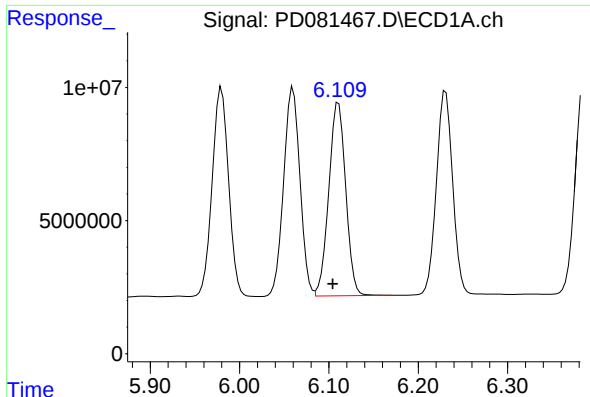
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.007 min
Response: 98549096
Conc: 44.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 161069167
Conc: 48.09 ng/ml



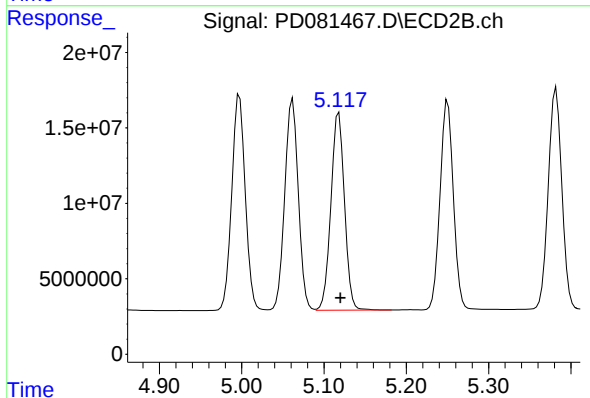
#9 Endosulfan I

R.T.: 6.111 min
Delta R.T.: 0.007 min
Response: 95723200
Conc: 46.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB159035BS

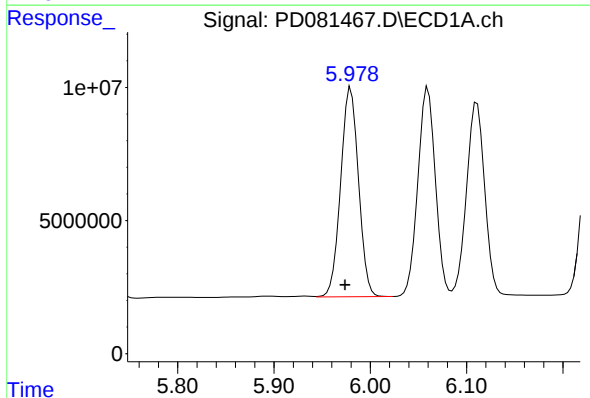
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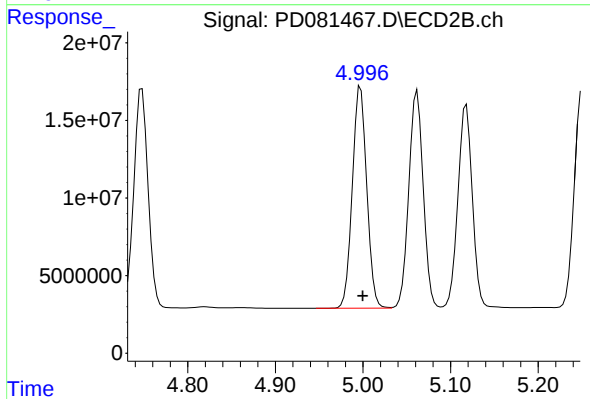
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 149981989
Conc: 48.97 ng/ml



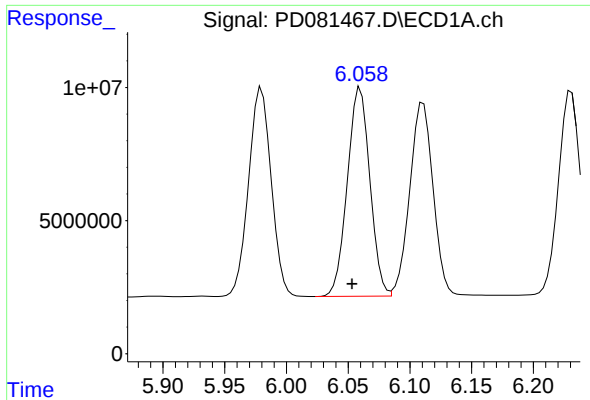
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.006 min
Response: 100901953
Conc: 46.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 163553660
Conc: 50.00 ng/ml



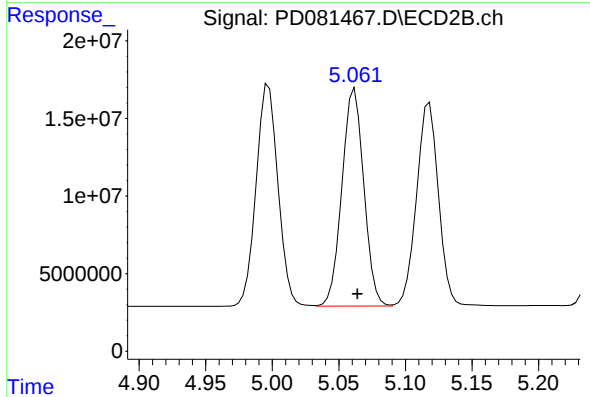
#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.007 min
Response: 99746620
Conc: 45.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB159035BS

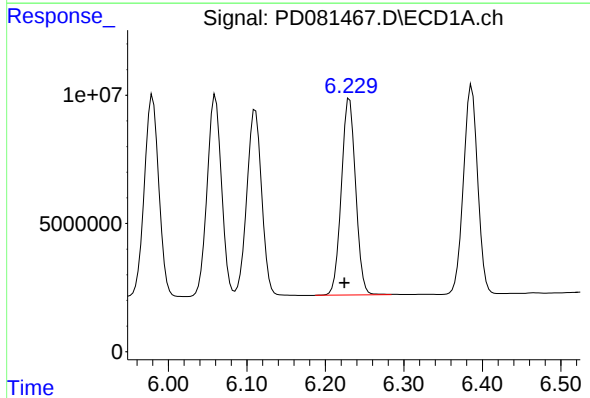
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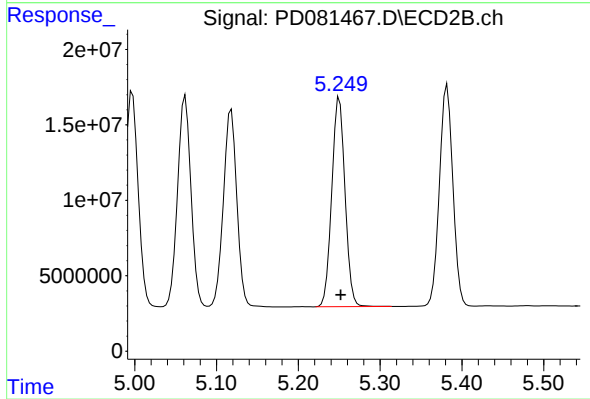
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 160244357
Conc: 49.01 ng/ml



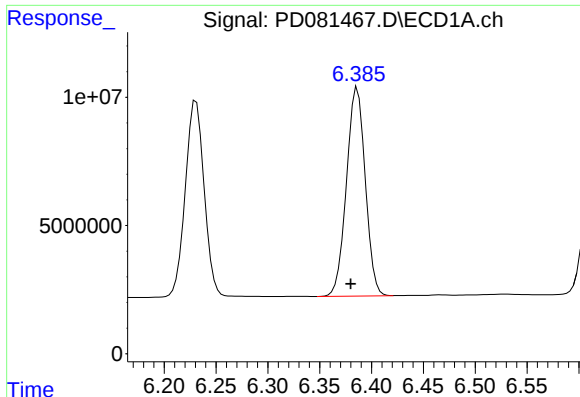
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.007 min
Response: 97339010
Conc: 47.84 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 156440649
Conc: 51.07 ng/ml



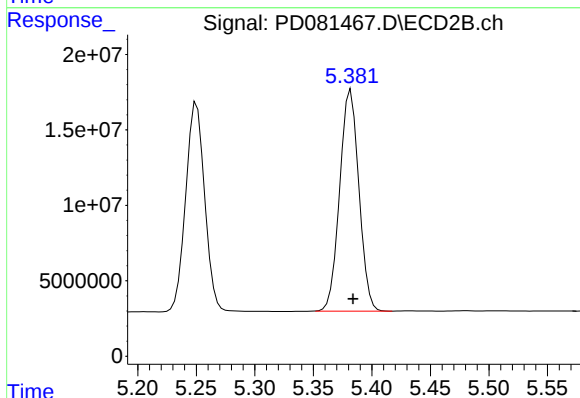
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: 0.006 min
Response: 102776184
Conc: 46.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB159035BS

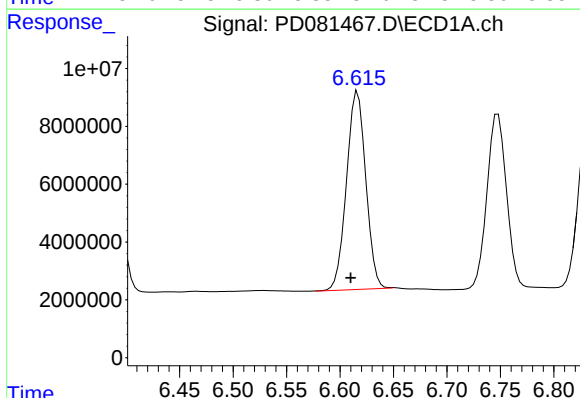
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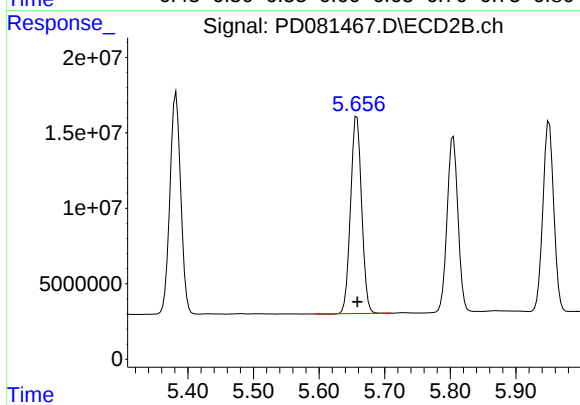
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 167491968
Conc: 49.25 ng/ml



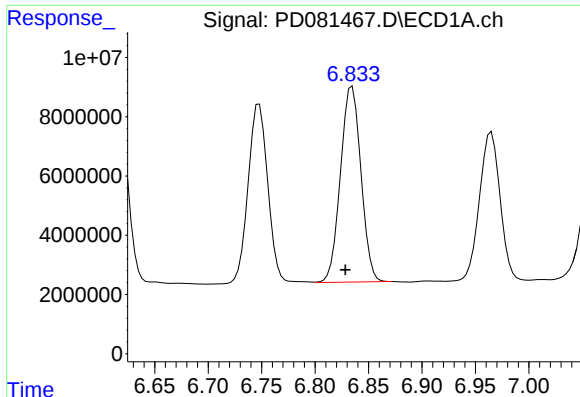
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.005 min
Response: 86121050
Conc: 46.11 ng/ml m



#14 Endrin

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 153426073
Conc: 51.77 ng/ml



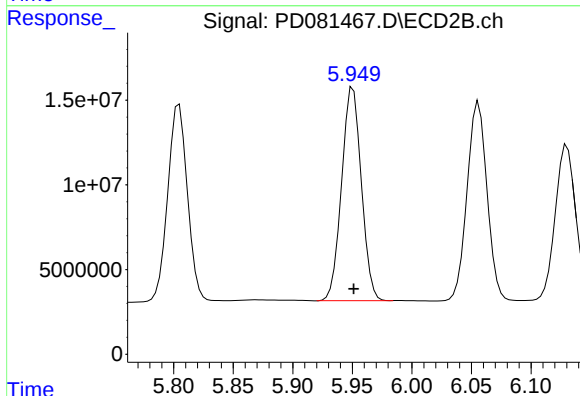
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: 0.006 min
Response: 88208304
Conc: 45.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
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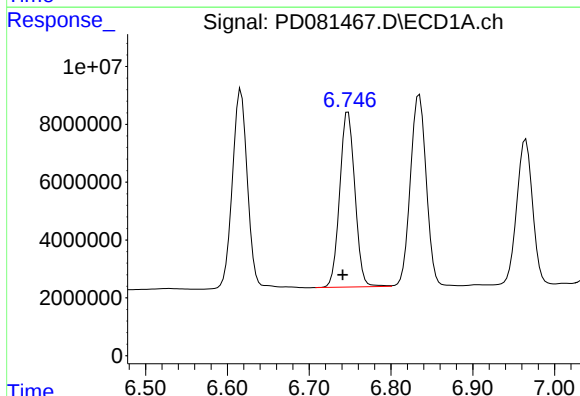
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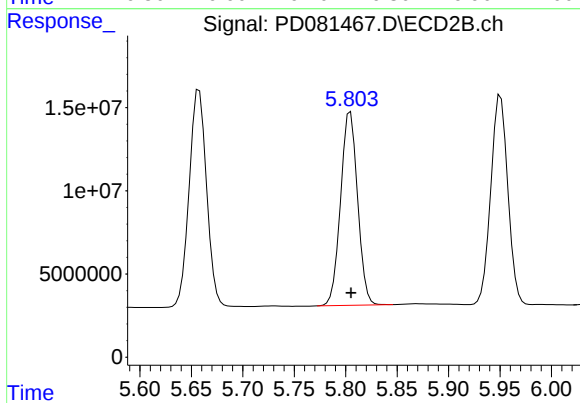
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 145139023
Conc: 50.47 ng/ml



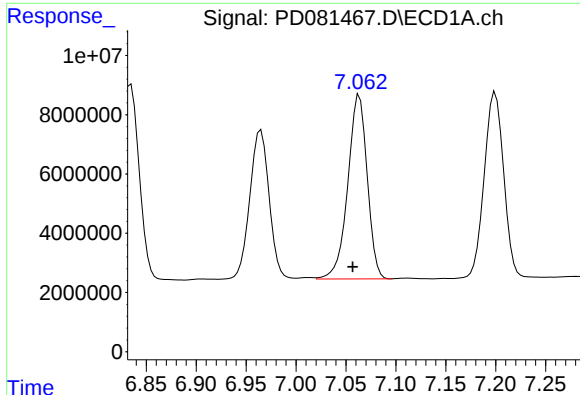
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.006 min
Response: 77732318
Conc: 47.31 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 133728156
Conc: 50.94 ng/ml



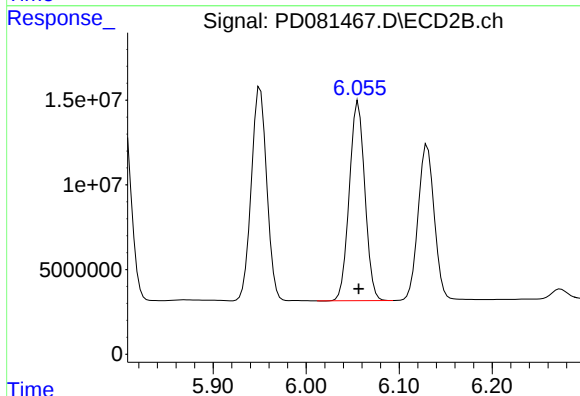
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.007 min
Response: 84098095
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB159035BS

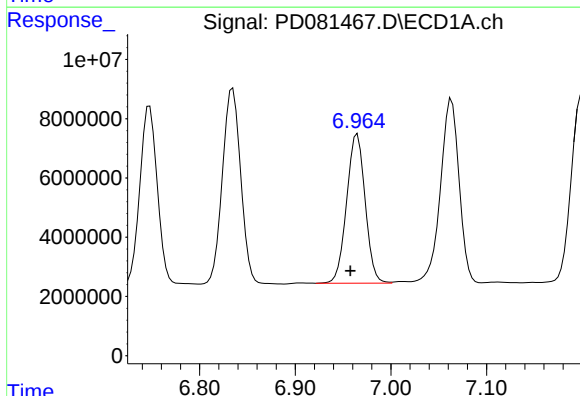
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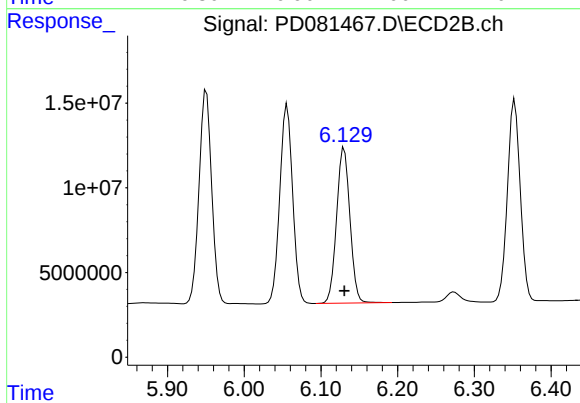
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 136714068
Conc: 51.53 ng/ml



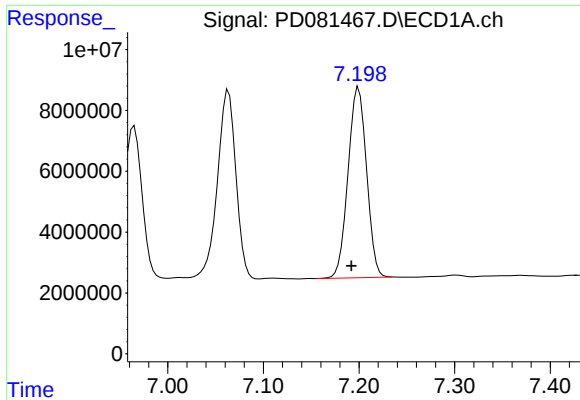
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.007 min
Response: 68075499
Conc: 44.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 110796501
Conc: 49.14 ng/ml



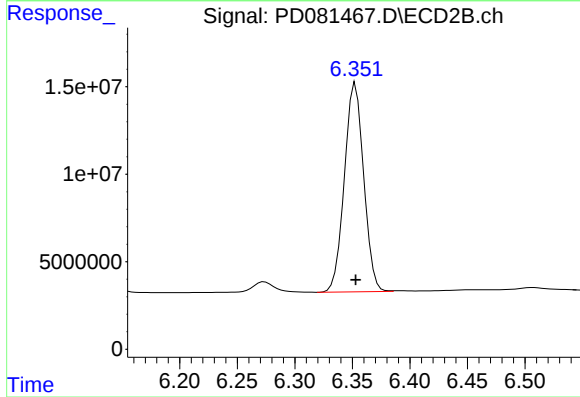
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: 0.008 min
Response: 84669618
Conc: 44.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB159035BS

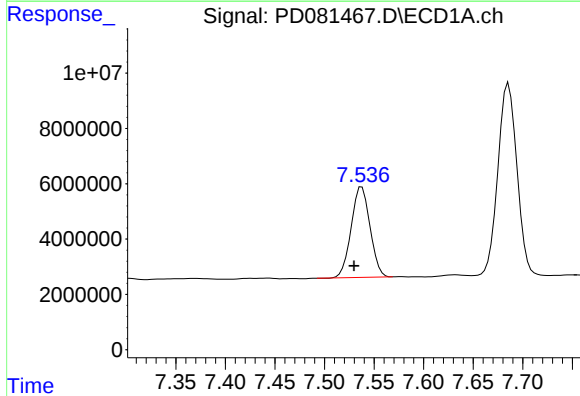
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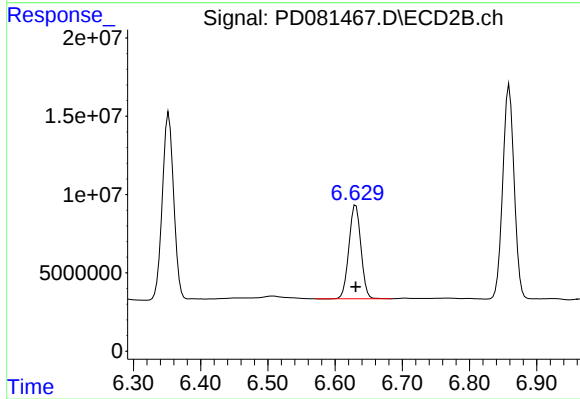
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 139828594
Conc: 50.13 ng/ml



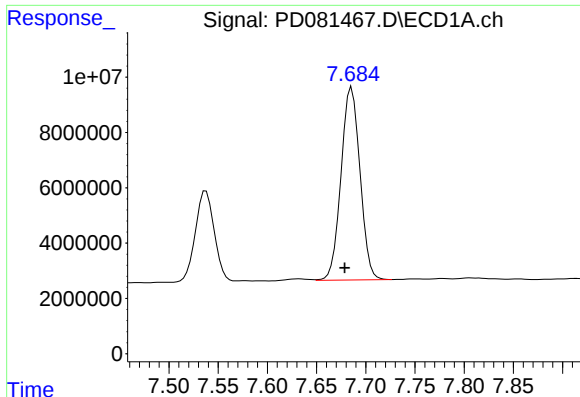
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.008 min
Response: 43404797
Conc: 42.17 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 74173608
Conc: 47.39 ng/ml



#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.007 min
Response: 93590030
Conc: 44.75 ng/ml

Instrument :

ECD_D

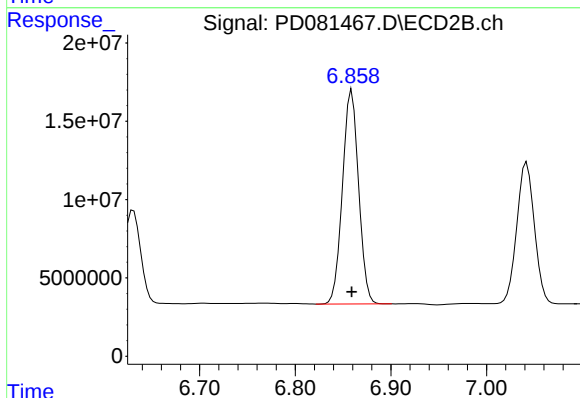
ClientSampleId :

PB159035BS

Manual Integrations

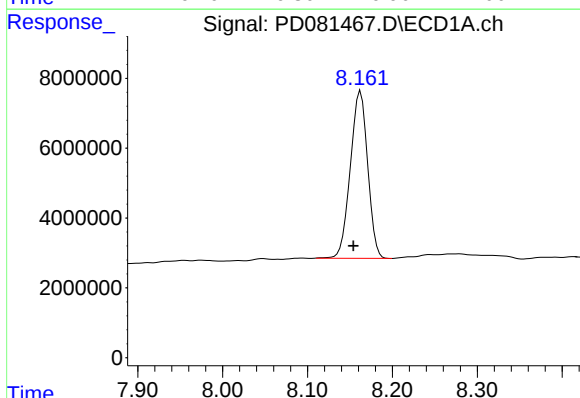
APPROVED

Reviewed By :Abdul Mirza 02/19/2024
Supervised By :Ankita Jodhani 02/19/2024



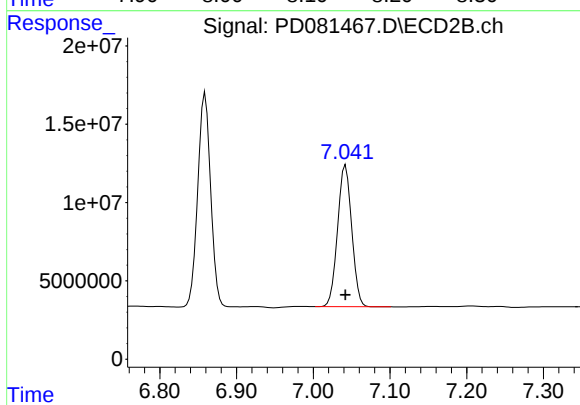
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 160771594
Conc: 49.82 ng/ml



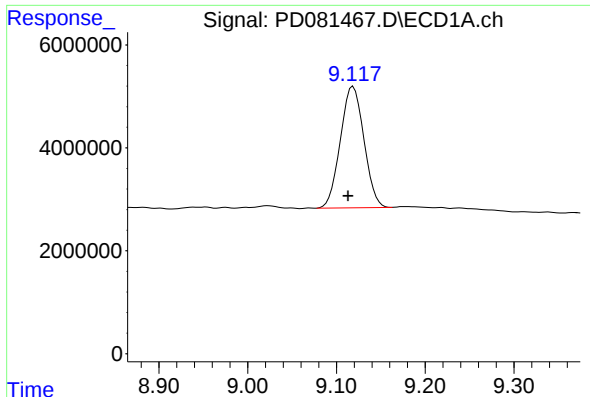
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.008 min
Response: 68058600
Conc: 41.26 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 115811706
Conc: 45.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.006 min
Response: 43492296
Conc: 21.61 ng/ml

Instrument :

ECD_D

ClientSampleId :

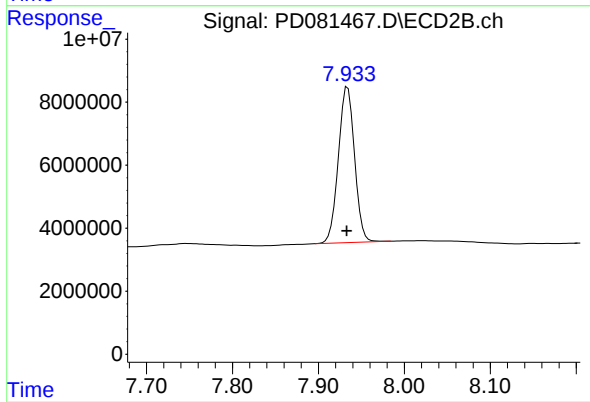
PB159035BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 64675379
Conc: 24.28 ng/ml