

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
 Data File : PD081190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2024 09:41
 Operator : AR\AJ
 Sample : PB158860BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158860BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/09/2024
 Supervised By : Ankita Jodhani 02/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 19:46:55 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...	3.569	2.795	34223222	62083625	24.108	25.953
28)	SA Decachlor...	9.112	7.931	45326225	62279423	22.523	23.382
Target Compounds							
2)	A alpha-BHC	4.025	3.296	119.3E6	197.2E6	48.018	51.383
3)	MA gamma-BHC...	4.359	3.625	116.9E6	183.3E6	47.769	49.025
4)	MA Heptachlor	4.951	3.966	120.2E6	172.2E6	48.728	49.938
5)	MB Aldrin	5.295	4.247	115.9E6	170.4E6	47.210	46.777
6)	B beta-BHC	4.553	3.920	49265176	76765475	48.688	49.127
7)	B delta-BHC	4.802	4.151	115.6E6	181.8E6	46.063	48.434
8)	B Heptachlo...	5.720	4.748	105.0E6	157.3E6	46.905	46.956
9)	A Endosulfan I	6.107	5.118	99598261	148.4E6	48.021	48.448
10)	B gamma-Chl...	5.977	4.998	104.5E6	160.9E6	47.742	49.176
11)	B alpha-Chl...	6.056	5.062	105.0E6	158.1E6	48.225	48.346
12)	B 4,4'-DDE	6.227	5.250	99969036	151.7E6	49.128	49.537
13)	MA Dieldrin	6.382	5.382	105.3E6	165.8E6	47.665	48.741
14)	MA Endrin	6.613	5.656	87155384	150.2E6	46.663	50.699m
15)	B Endosulfa...	6.831	5.950	91099240	144.8E6	47.045	50.334
16)	A 4,4'-DDD	6.744	5.804	80480137	131.2E6	48.980	49.964
17)	MA 4,4'-DDT	7.059	6.055	82957667	130.3E6	46.582	49.131
18)	B Endrin al...	6.961	6.129	69873366	110.4E6	45.935	48.984
19)	B Endosulfa...	7.195	6.351	82960900	139.6E6	43.692	50.035
20)	A Methoxychlor	7.534	6.629	46176400	72761149	44.863	46.485
21)	B Endrin ke...	7.682	6.857	100.2E6	158.8E6	47.923	49.201
22)	Mirex	8.158	7.041	76337917	117.4E6	46.283	46.608

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
Data File : PD081190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2024 09:41
Operator : AR\AJ
Sample : PB158860BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB158860BS

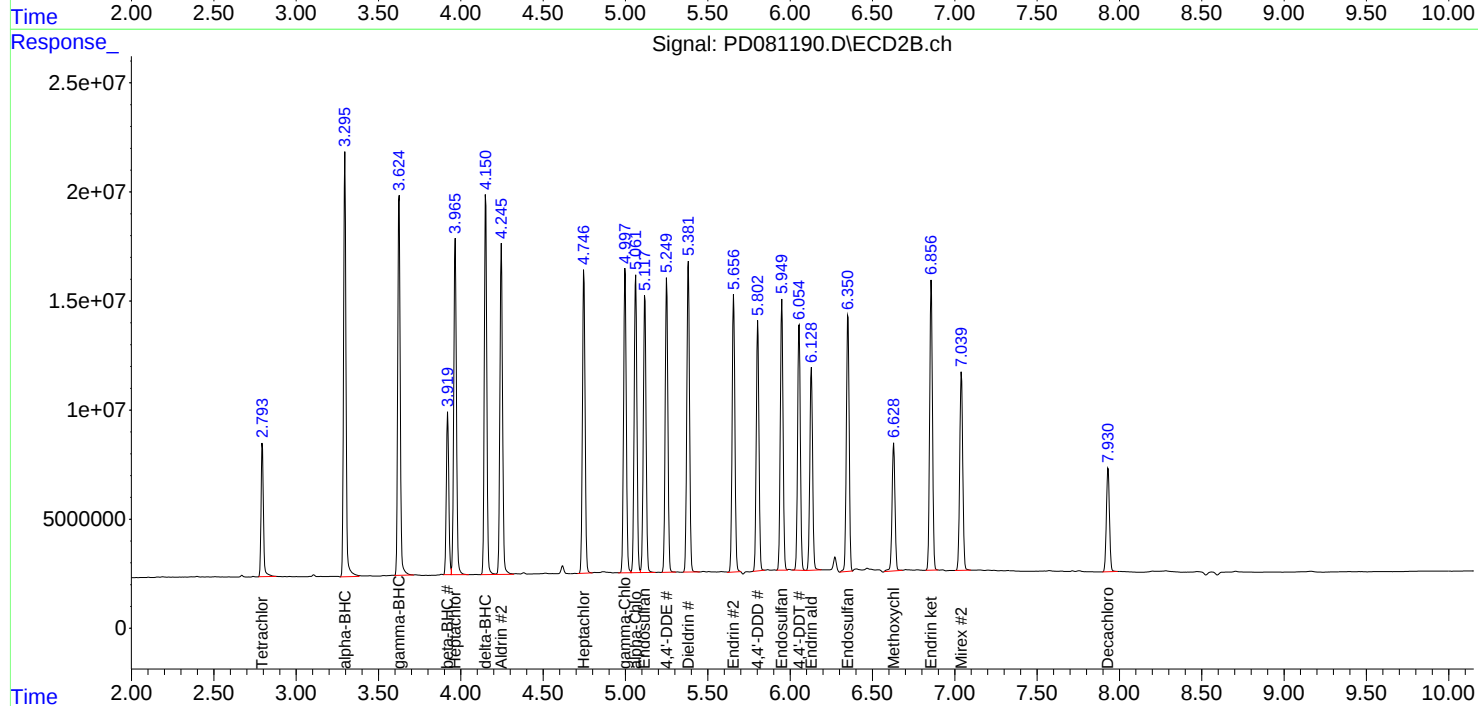
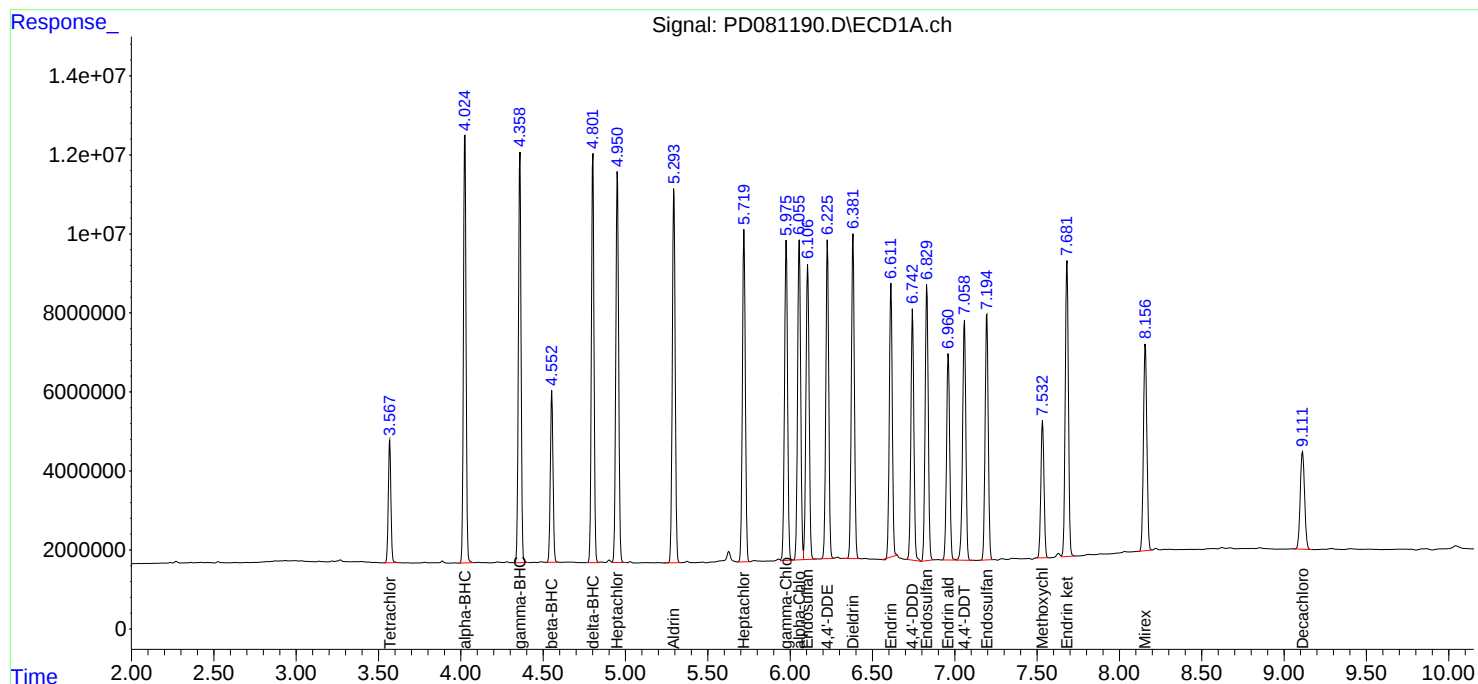
Manual Integrations

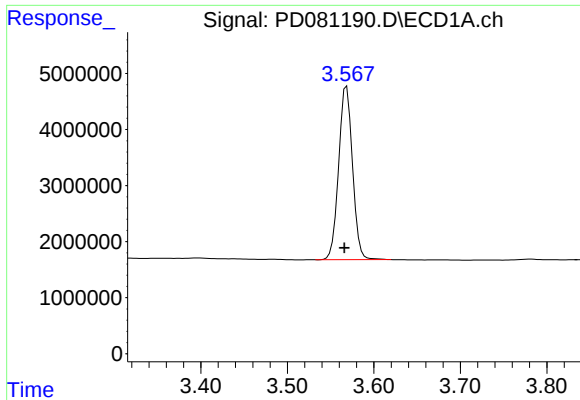
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Supervised By :Ankita Jodhani 02/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 19:46:55 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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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





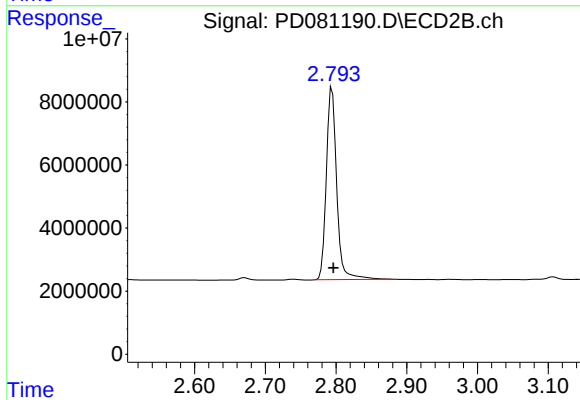
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.003 min
Response: 34223222
Conc: 24.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158860BS

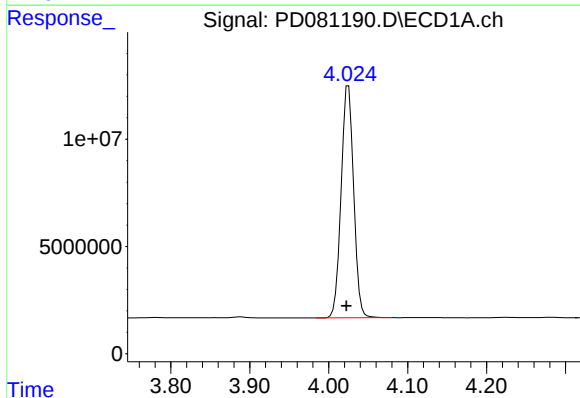
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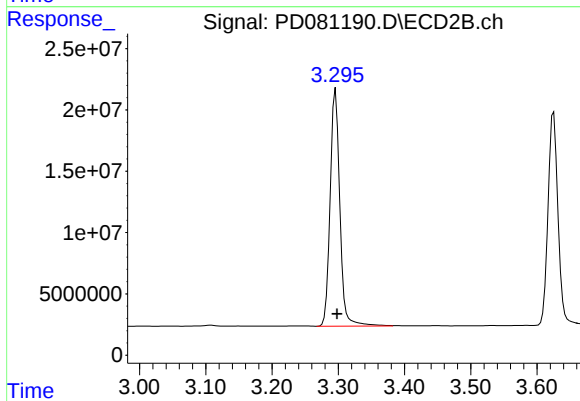
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.002 min
Response: 62083625
Conc: 25.95 ng/ml



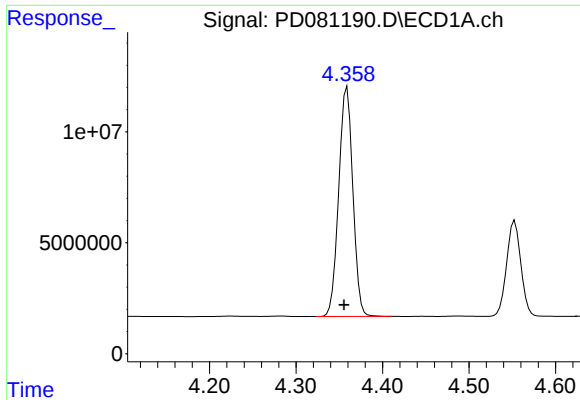
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.003 min
Response: 119269682
Conc: 48.02 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 197162525
Conc: 51.38 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.004 min
Response: 116919251
Conc: 47.77 ng/ml

Instrument :

ECD_D

ClientSampleId :

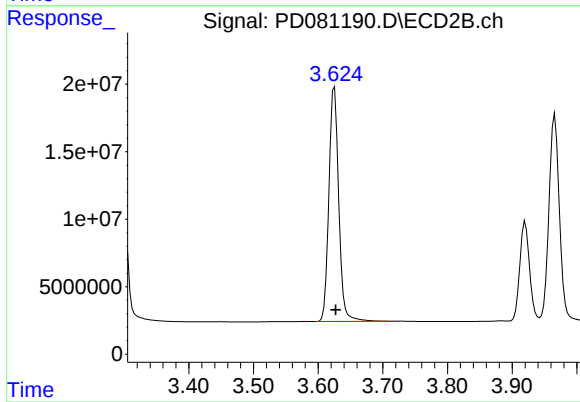
PB158860BS

Manual Integrations

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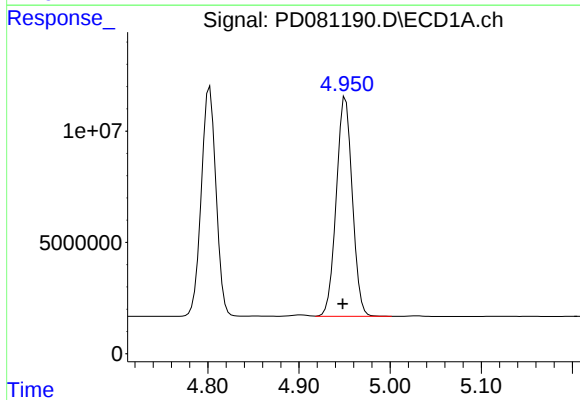
Reviewed By :Abdul Mirza 02/09/2024

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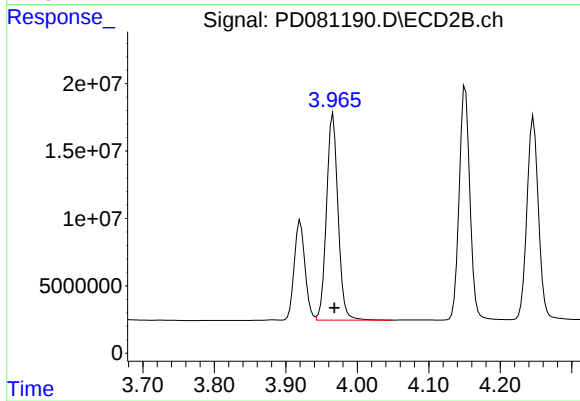
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 183302497
Conc: 49.03 ng/ml



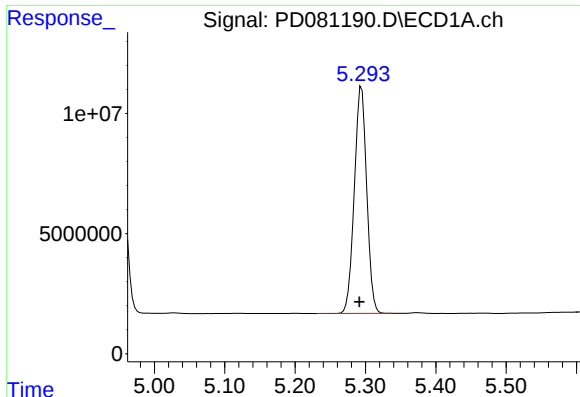
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.003 min
Response: 120180402
Conc: 48.73 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 172190600
Conc: 49.94 ng/ml



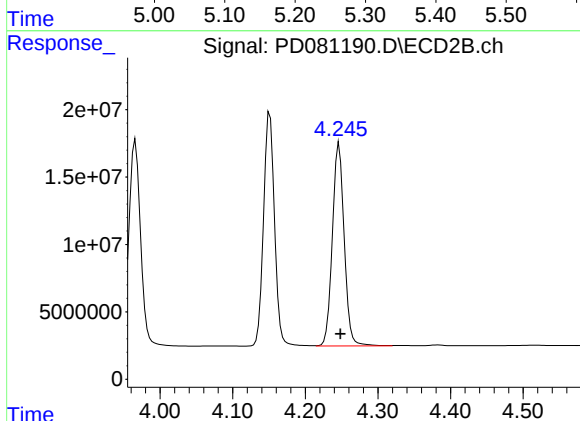
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.003 min
Response: 115882065
Conc: 47.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158860BS

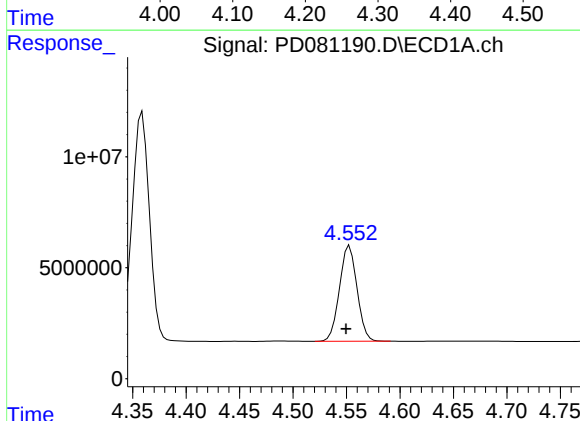
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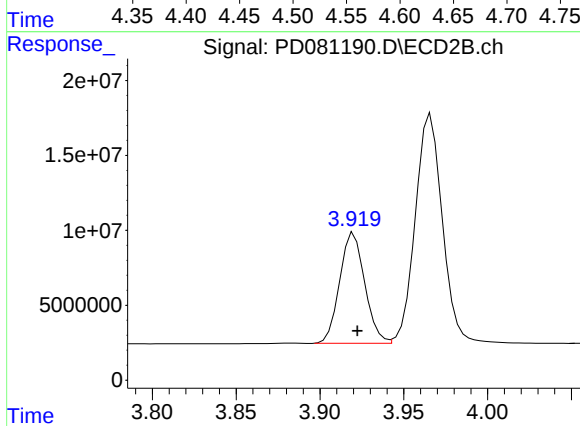
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 170363493
Conc: 46.78 ng/ml



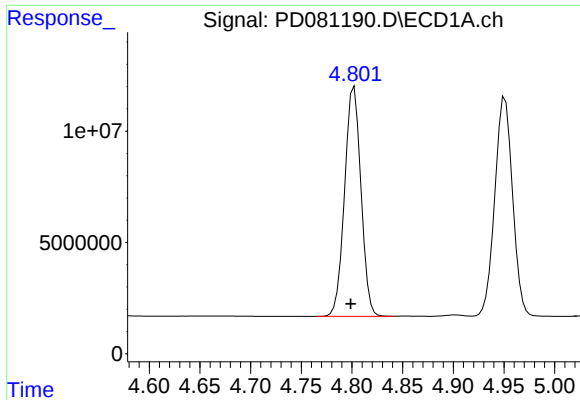
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.003 min
Response: 49265176
Conc: 48.69 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 76765475
Conc: 49.13 ng/ml



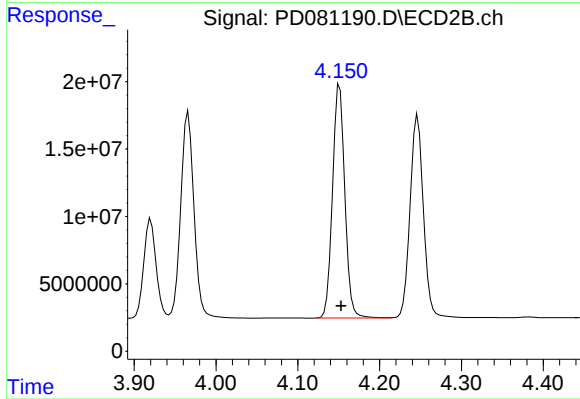
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.003 min
Response: 115562391
Conc: 46.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158860BS

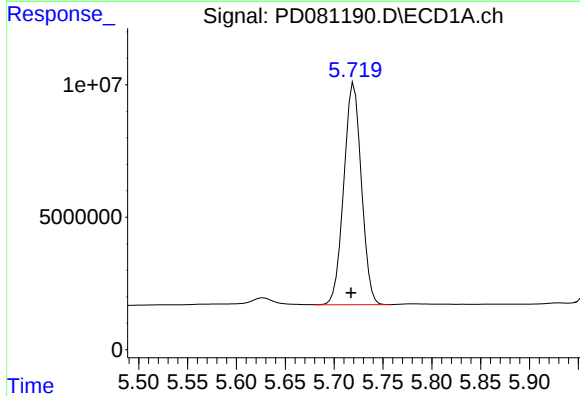
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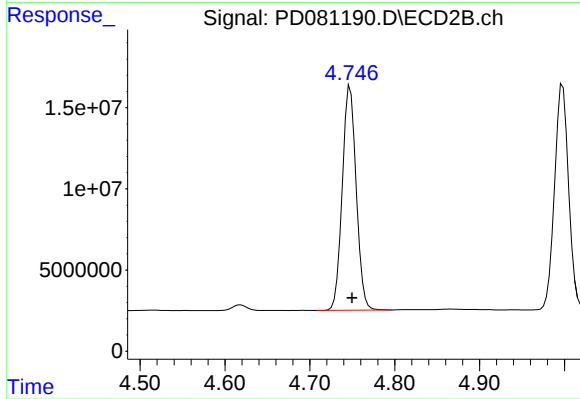
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 181772694
Conc: 48.43 ng/ml



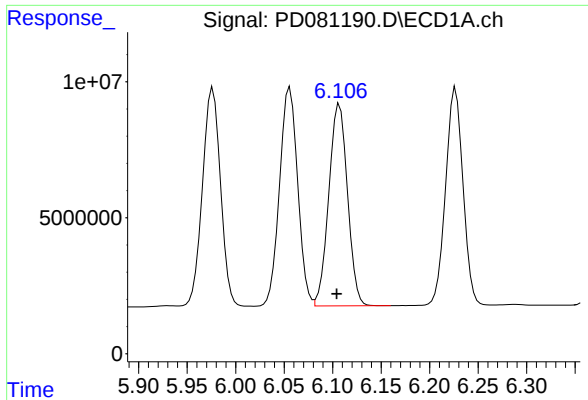
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.003 min
Response: 105029960
Conc: 46.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 157278075
Conc: 46.96 ng/ml



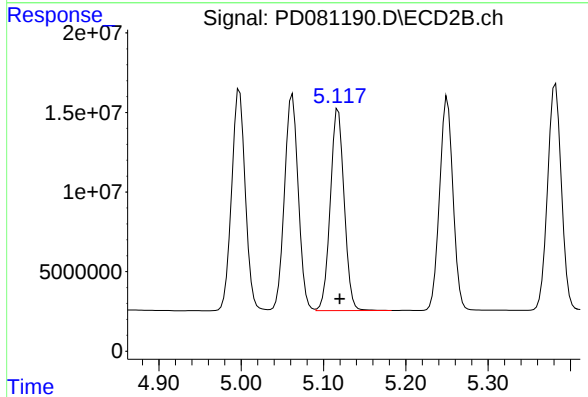
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.003 min
Response: 99598261
Conc: 48.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158860BS

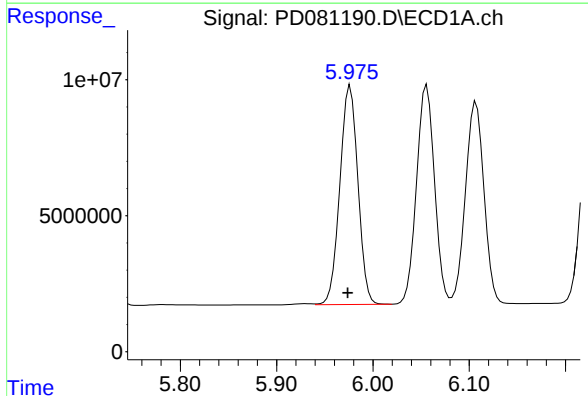
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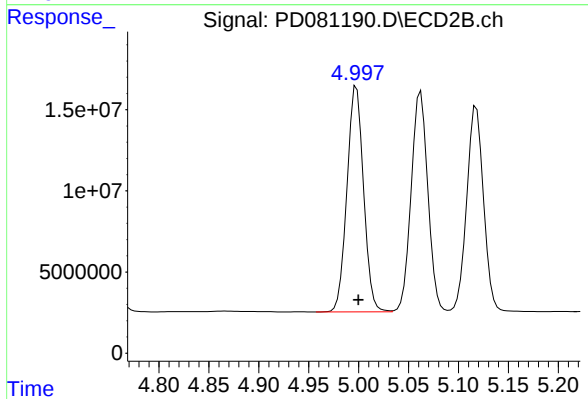
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 148385804
Conc: 48.45 ng/ml



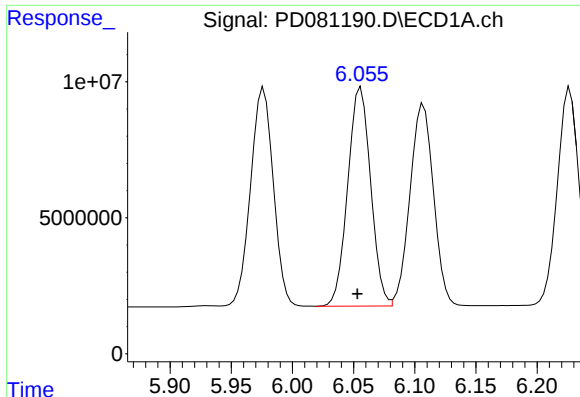
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.003 min
Response: 104512630
Conc: 47.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 160856142
Conc: 49.18 ng/ml



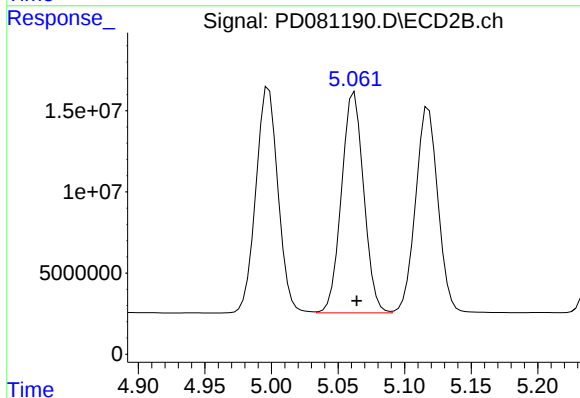
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.003 min
Response: 105005221
Conc: 48.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158860BS

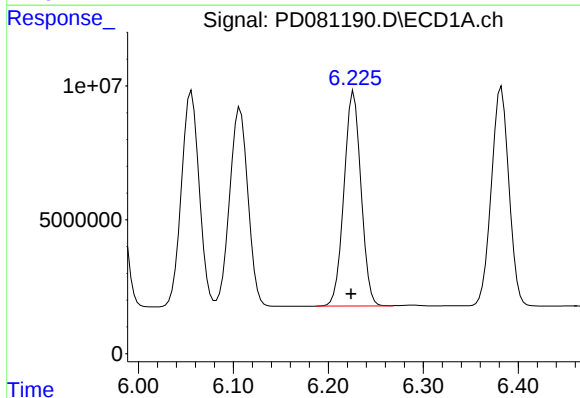
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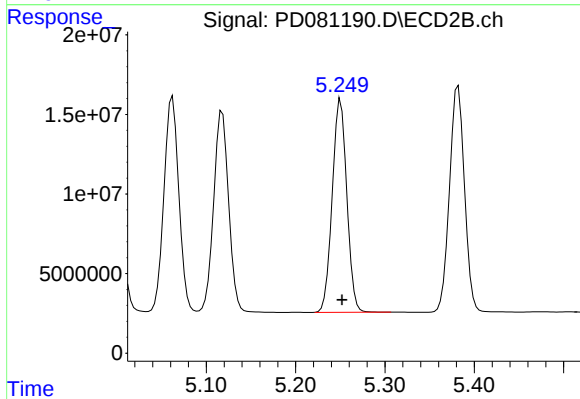
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 158068016
Conc: 48.35 ng/ml



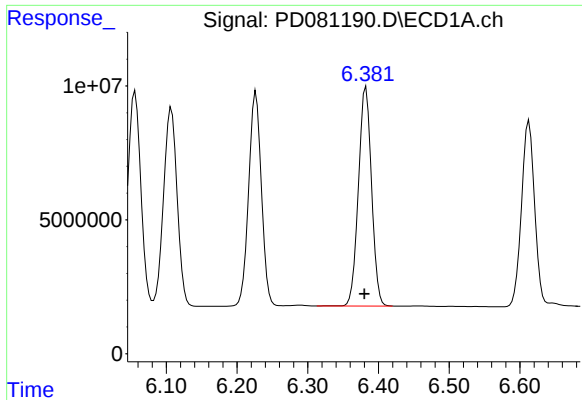
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 99969036
Conc: 49.13 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 151744499
Conc: 49.54 ng/ml



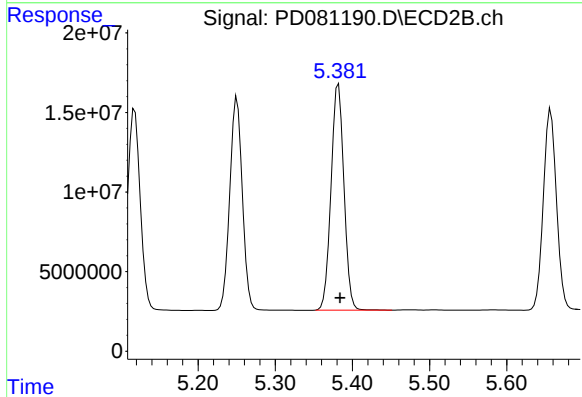
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 105325130
Conc: 47.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158860BS

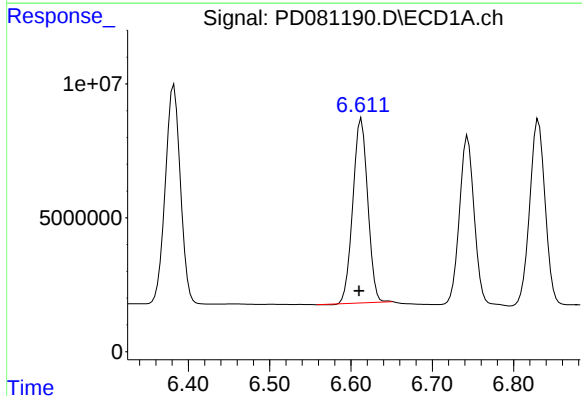
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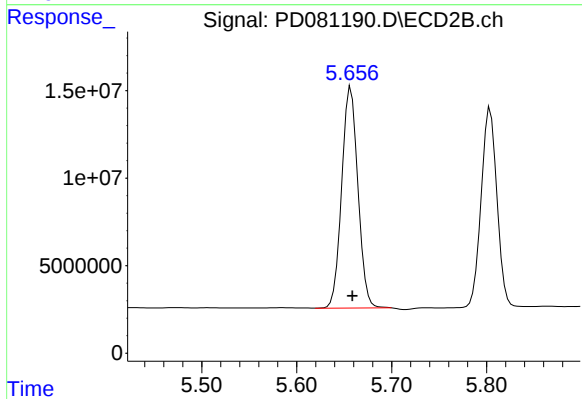
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 165758349
Conc: 48.74 ng/ml



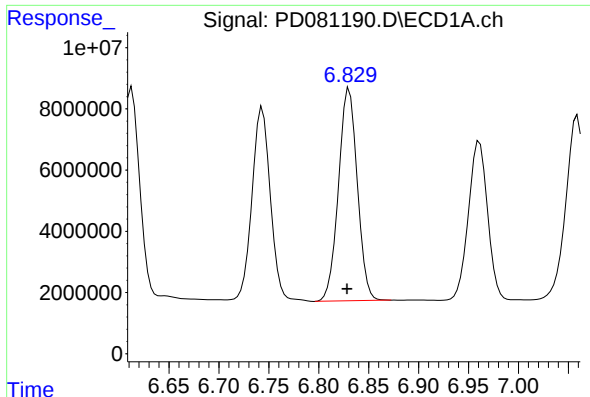
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 87155384
Conc: 46.66 ng/ml



#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 150241946
Conc: 50.70 ng/ml m



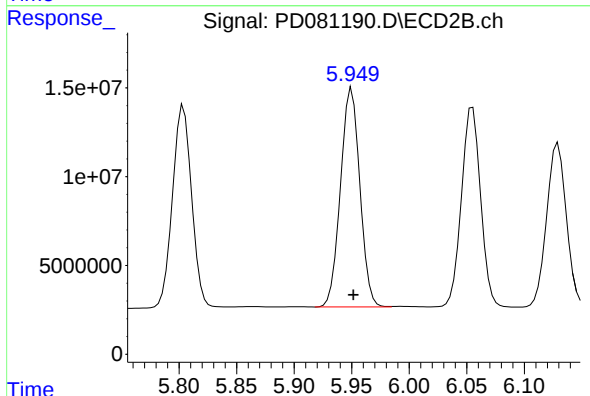
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 91099240
Conc: 47.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
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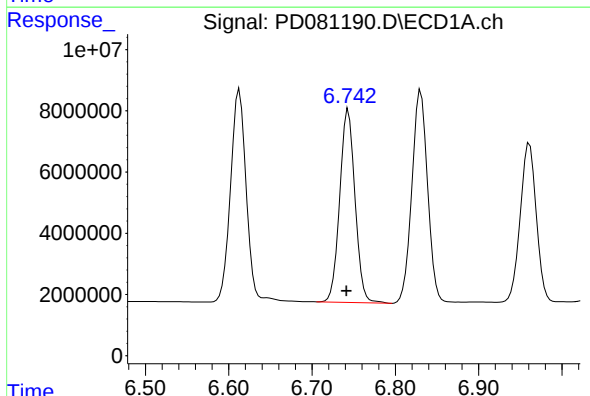
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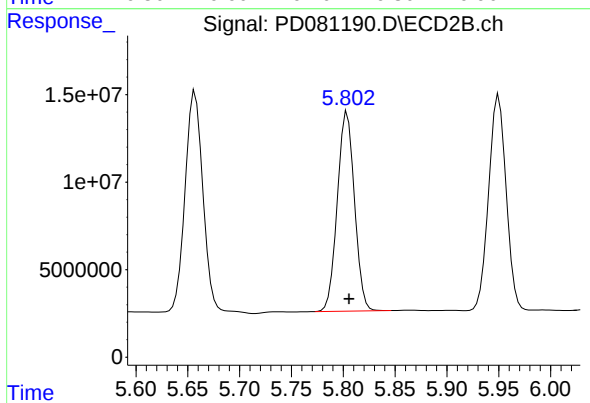
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 144756250
Conc: 50.33 ng/ml



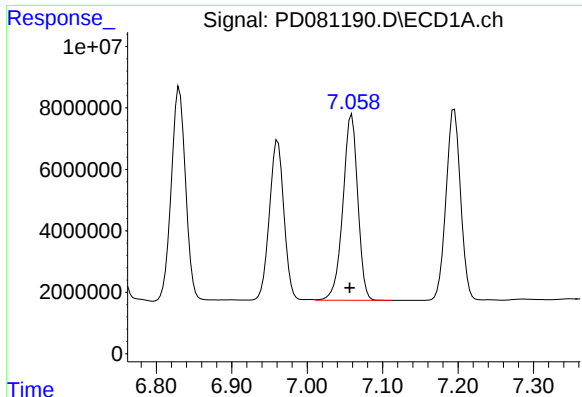
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 80480137
Conc: 48.98 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 131169103
Conc: 49.96 ng/ml



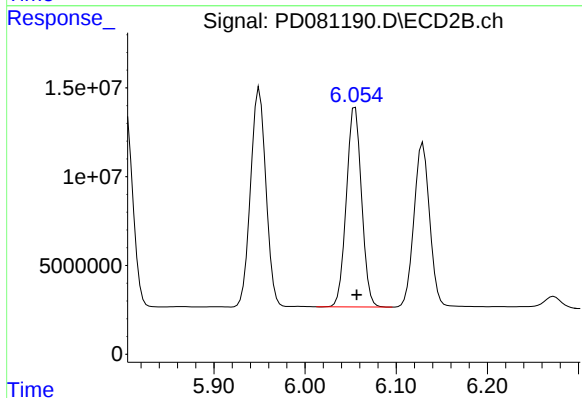
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 82957667
Conc: 46.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158860BS

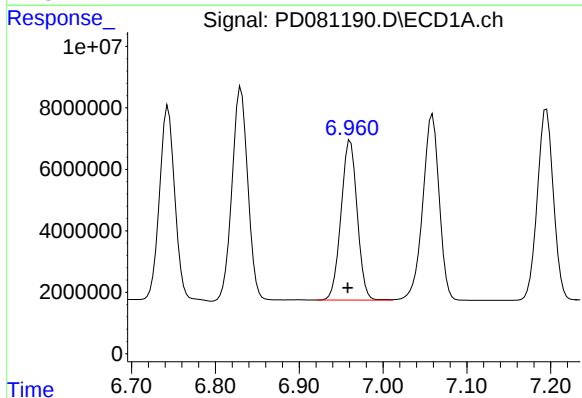
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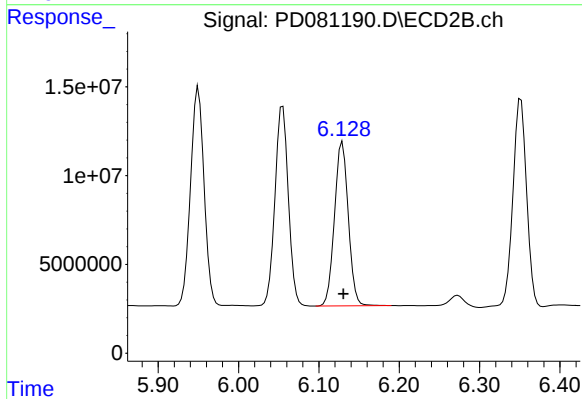
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 130347585
Conc: 49.13 ng/ml



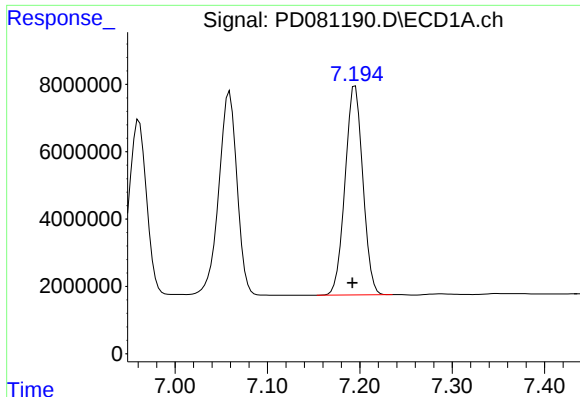
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 69873366
Conc: 45.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 110442199
Conc: 48.98 ng/ml



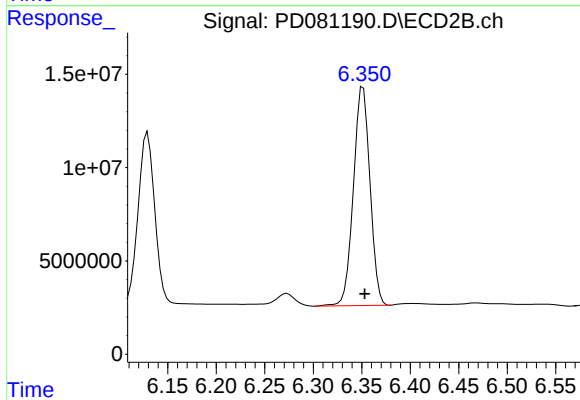
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 82960900
Conc: 43.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158860BS

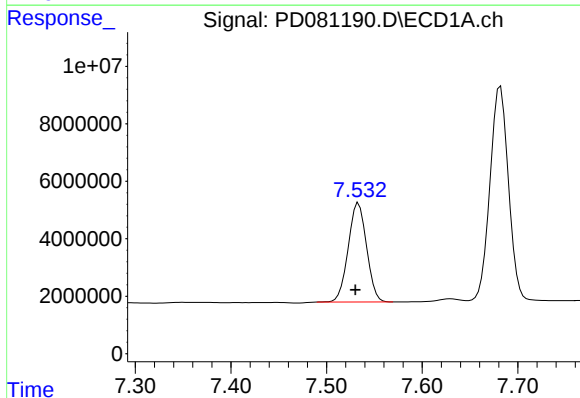
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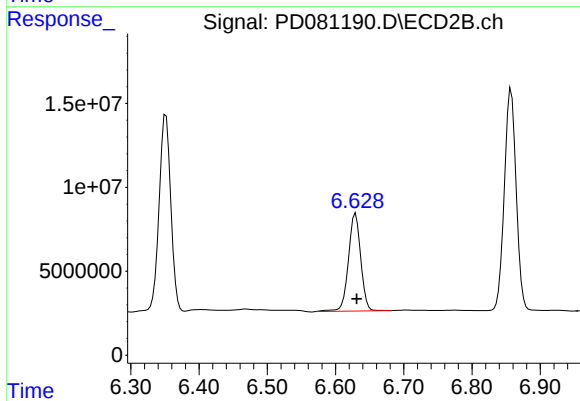
#19 Endosulfan Sulfate

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 139566289
Conc: 50.03 ng/ml



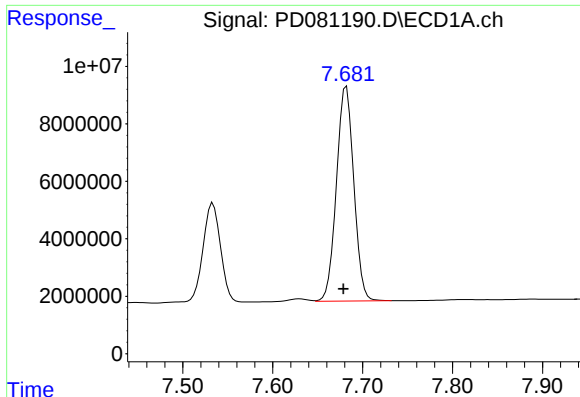
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 46176400
Conc: 44.86 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 72761149
Conc: 46.49 ng/ml



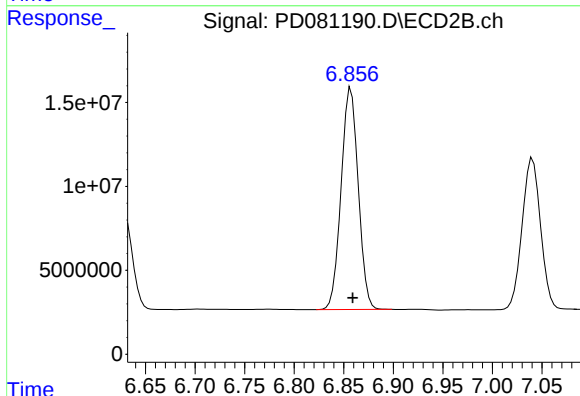
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 100217250
Conc: 47.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158860BS

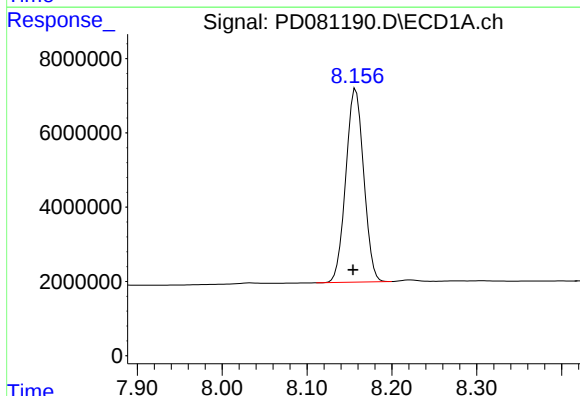
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2024
Supervised By :Ankita Jodhani 02/09/2024



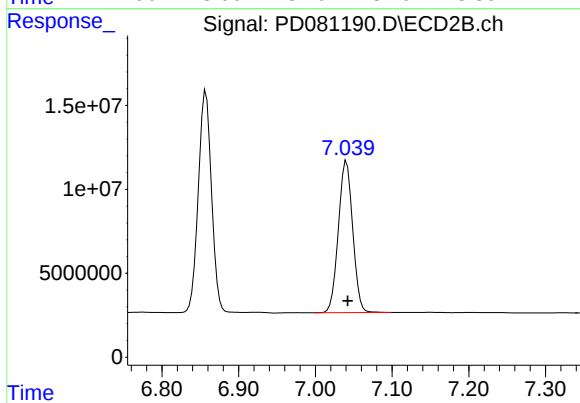
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 158773292
Conc: 49.20 ng/ml



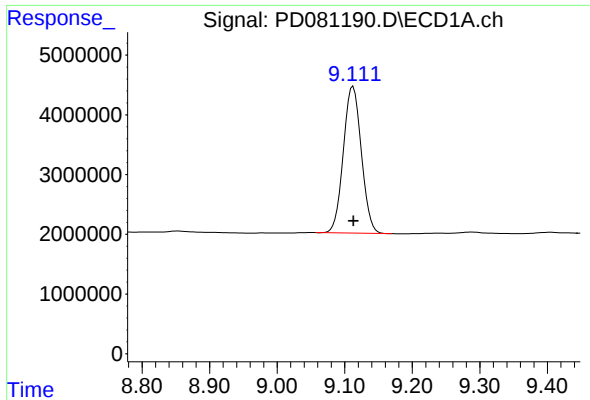
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.003 min
Response: 76337917
Conc: 46.28 ng/ml



#22 Mirex

R.T.: 7.041 min
Delta R.T.: -0.002 min
Response: 117449629
Conc: 46.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 45326225
Conc: 22.52 ng/ml

Instrument :

ECD_D

ClientSampleId :

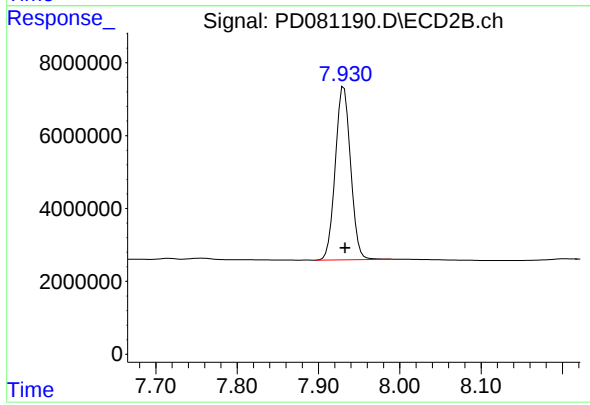
PB158860BS

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#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 62279423
Conc: 23.38 ng/ml