

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
 Data File : PD076381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 17:24
 Operator : AR\AJ
 Sample : PB154008BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB154008BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/07/2023
 Supervised By :Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 21:47:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.545	2.766	78598747	38388648	23.990	24.166
28)	SA Decachlor...	9.086	7.907	90914265	36697425	25.570	29.159
Target Compounds							
2)	A alpha-BHC	4.002	3.268	285.1E6	116.6E6	49.219	48.393
3)	MA gamma-BHC...	4.335	3.597	268.3E6	111.9E6	51.256	50.273
4)	MA Heptachlor	4.926	3.937	262.1E6	106.7E6	47.647	46.973
5)	MB Aldrin	5.269	4.217	267.6E6	108.2E6	50.050	48.816
6)	B beta-BHC	4.531	3.894	104.9E6	45509179	50.055	51.174
7)	B delta-BHC	4.780	4.124	266.9E6	111.1E6	51.933	52.852
8)	B Heptachlo...	5.696	4.719	238.3E6	98624081	49.451	49.331
9)	A Endosulfan I	6.083	5.090	219.7E6	91237088	49.250	48.720
10)	B gamma-Chl...	5.952	4.970	239.8E6	98448082	49.312	49.442
11)	B alpha-Chl...	6.032	5.033	236.8E6	97576356	49.281	49.103
12)	B 4,4'-DDE	6.204	5.223	221.7E6	89043808	52.220	57.931
13)	MA Dieldrin	6.359	5.354	238.2E6	99859996	50.925	50.698
14)	MA Endrin	6.589	5.630	194.7E6	86575756	48.905	49.049
15)	B Endosulfa...	6.808	5.924	193.7E6	82564937	52.161	53.209
16)	A 4,4'-DDD	6.722	5.777	182.2E6	75739222	54.219	62.667
17)	MA 4,4'-DDT	7.037	6.029	176.7E6	71900406	50.242	59.408
18)	B Endrin al...	6.937	6.103	154.5E6	66500771	56.357m	58.190
19)	B Endosulfa...	7.174	6.326	181.9E6	80493458	49.239	52.976
20)	A Methoxychlor	7.514	6.604	94125909	39447565	49.248	61.771 #
21)	B Endrin ke...	7.660	6.833	216.2E6	96022476	51.784	54.937
22)	Mirex	8.136	7.015	149.8E6	71142882	47.397	47.996

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
Data File : PD076381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2023 17:24
Operator : AR\AJ
Sample : PB154008BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

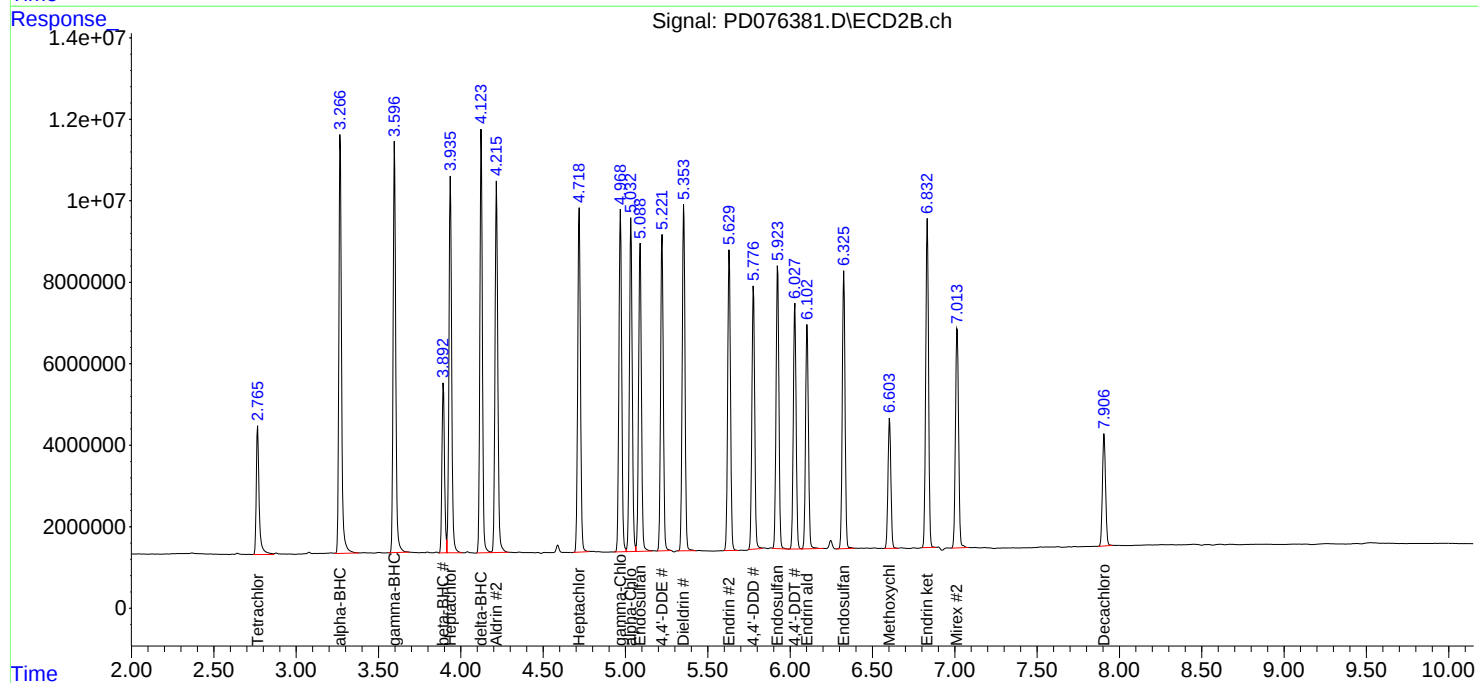
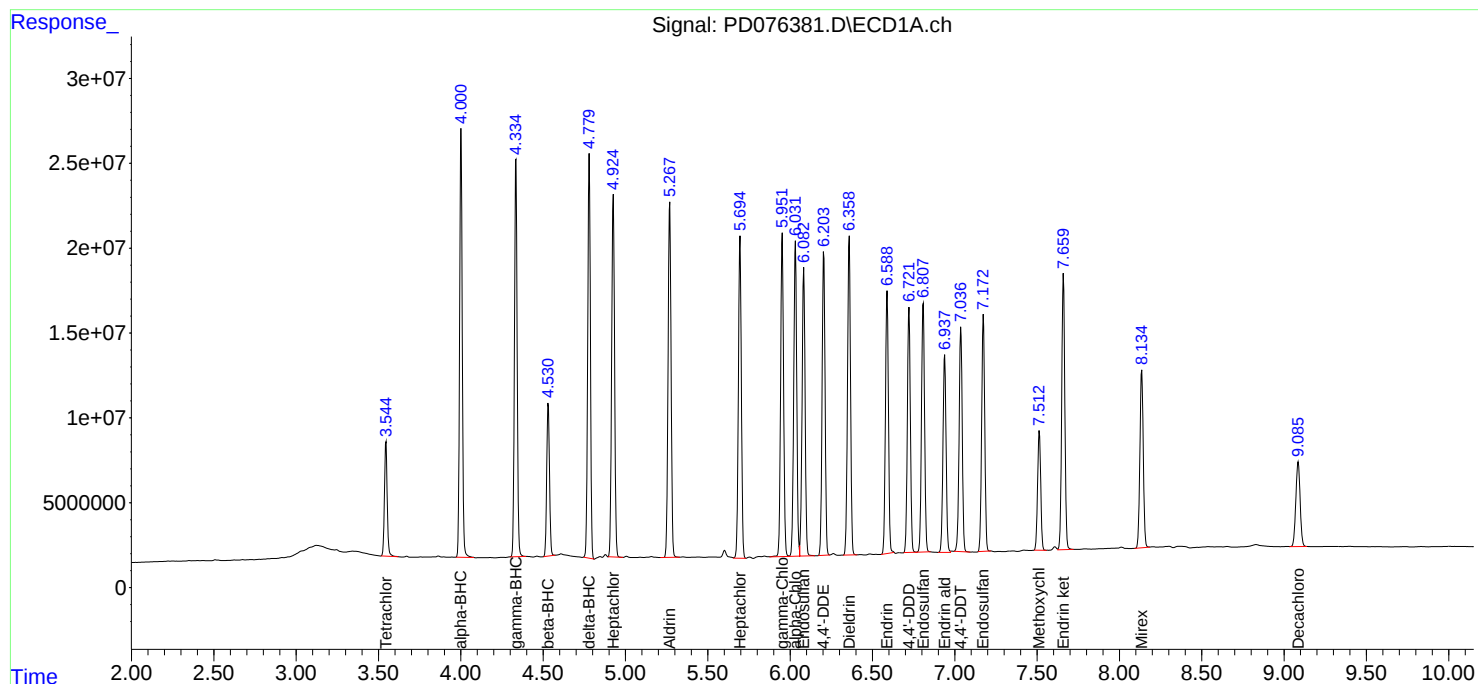
Instrument :
ECD_D
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PB154008BS

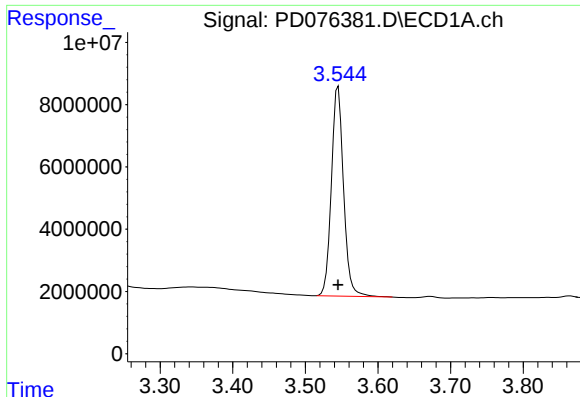
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 21:47:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
Response via : Initial Calibration
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Volume Inj. : 2 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.: 3.545 min
Delta R.T.: 0.000 min
Response: 78598747
Conc: 23.99 ng/ml

Instrument :

ECD_D

ClientSampleId :

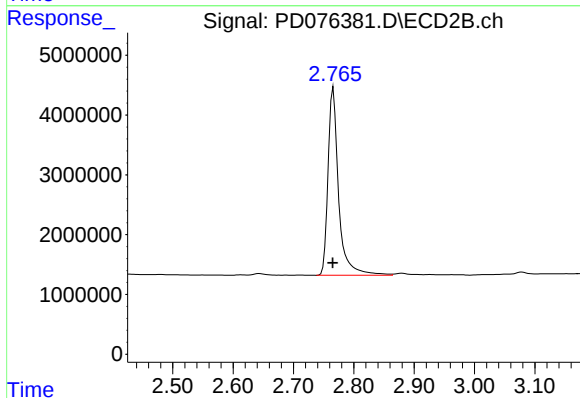
PB154008BS

Manual Integrations

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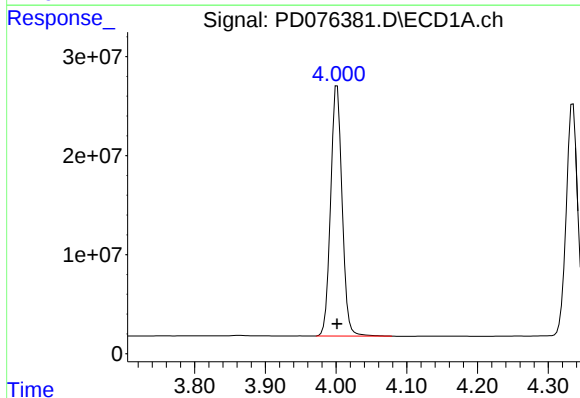
Reviewed By :Abdul Mirza 07/07/2023

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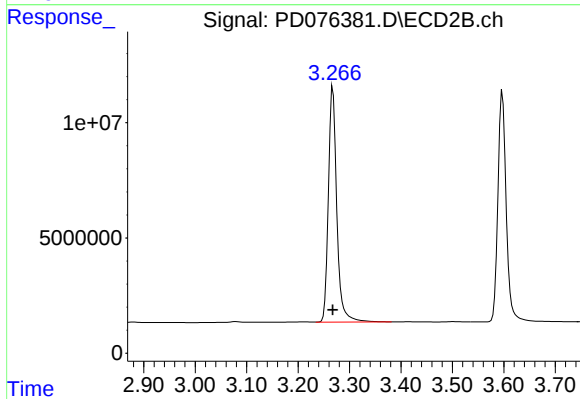
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: 0.000 min
Response: 38388648
Conc: 24.17 ng/ml



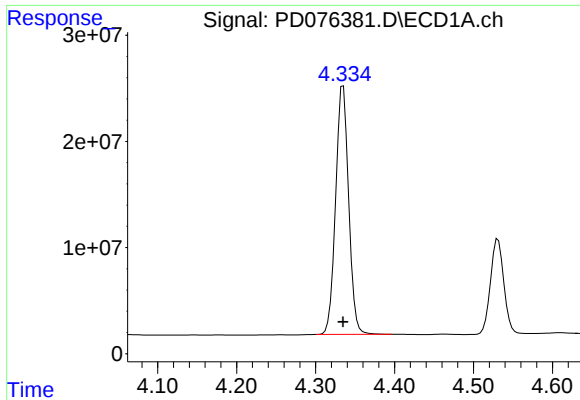
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 285074112
Conc: 49.22 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: 0.000 min
Response: 116600160
Conc: 48.39 ng/ml



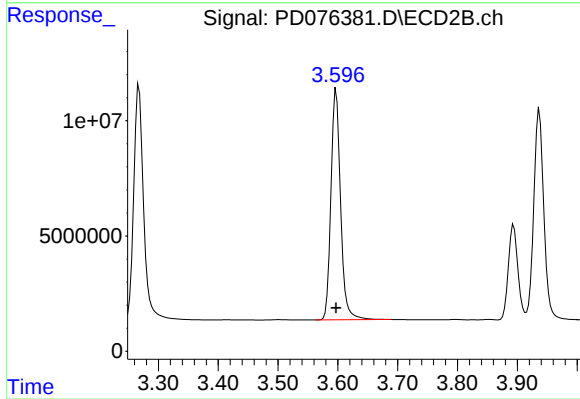
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 268349714
Conc: 51.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

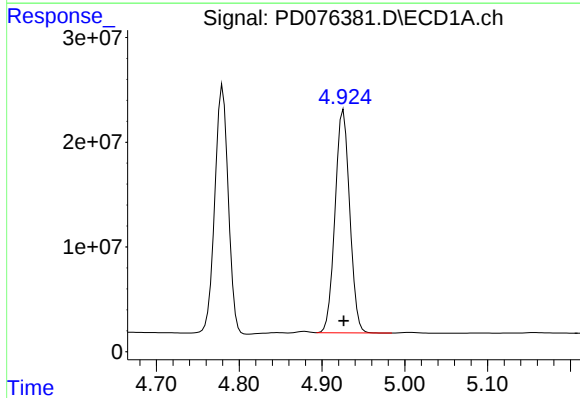
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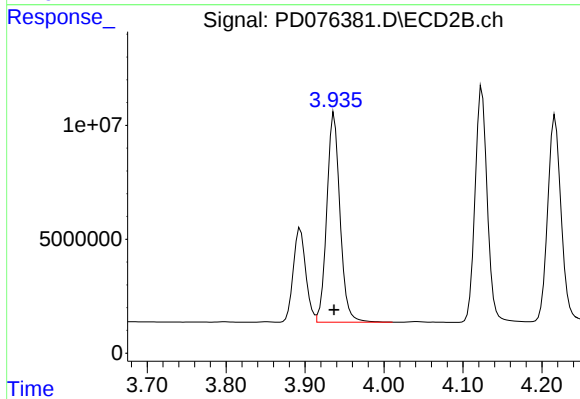
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 111923980
Conc: 50.27 ng/ml



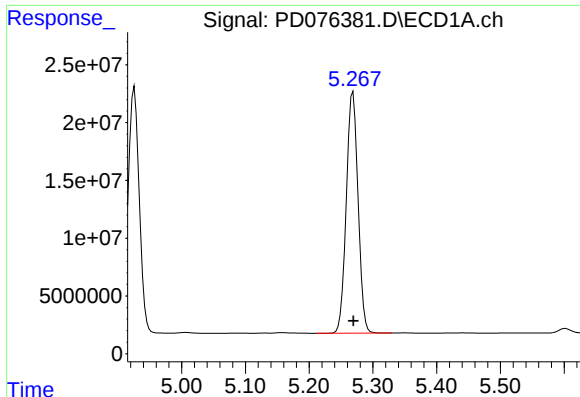
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 262061346
Conc: 47.65 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 106698078
Conc: 46.97 ng/ml



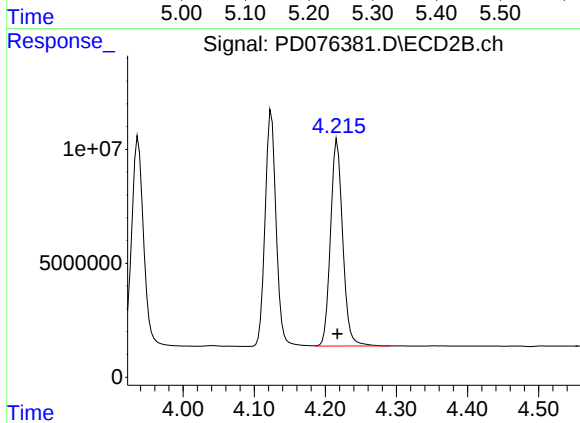
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 267586060
Conc: 50.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

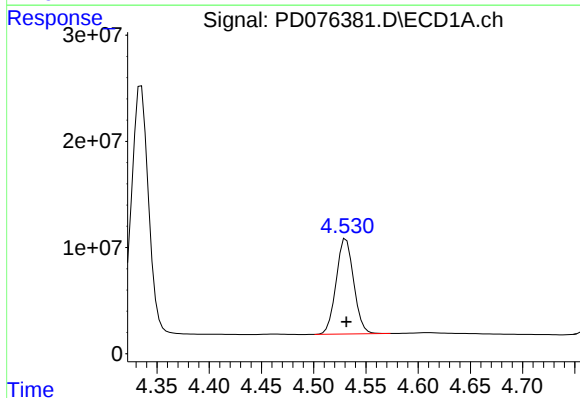
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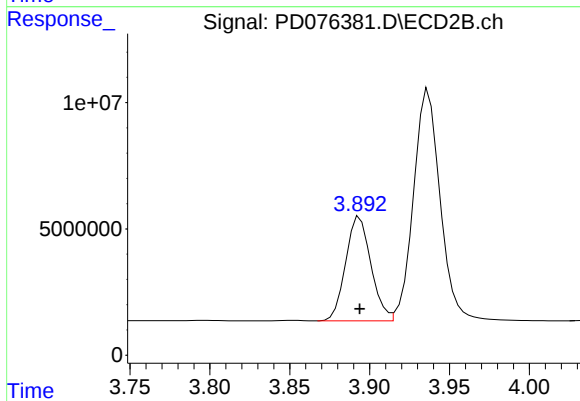
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 108192218
Conc: 48.82 ng/ml



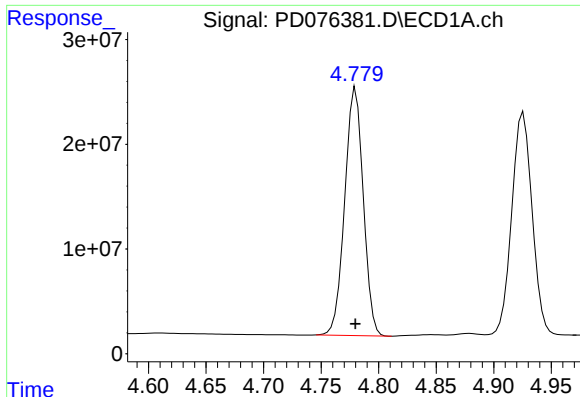
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 104916742
Conc: 50.05 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 45509179
Conc: 51.17 ng/ml



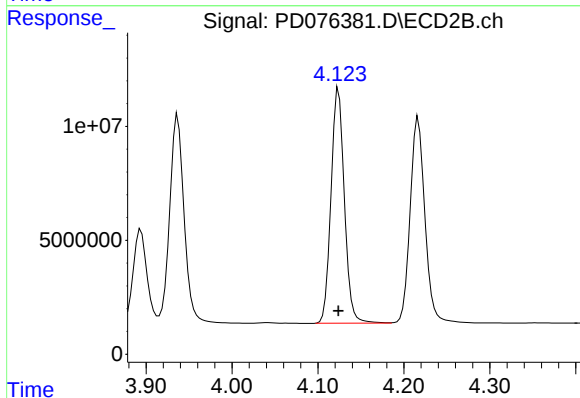
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 266920221
Conc: 51.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

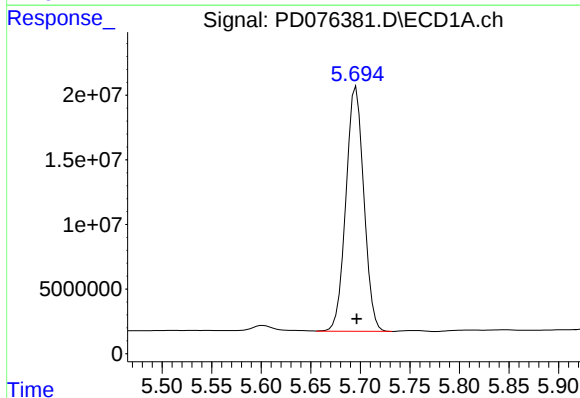
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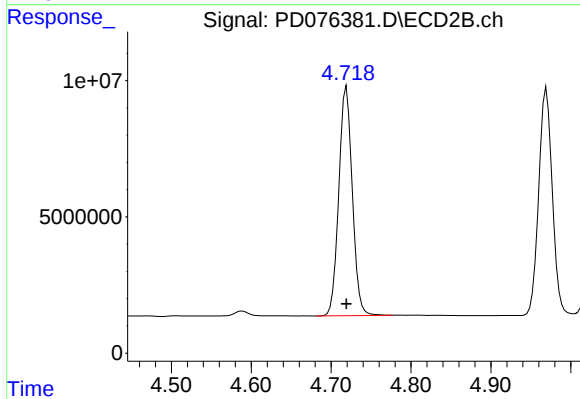
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 111129195
Conc: 52.85 ng/ml



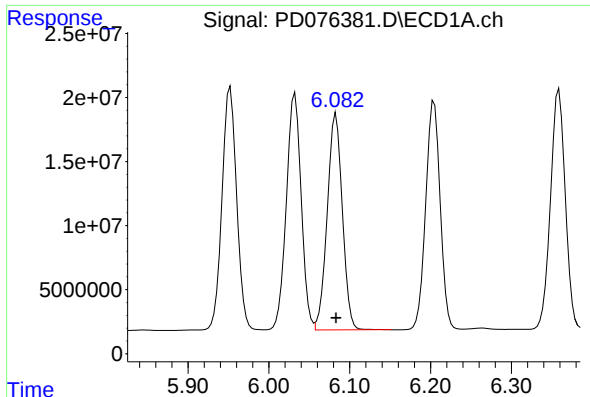
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 238269244
Conc: 49.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 98624081
Conc: 49.33 ng/ml



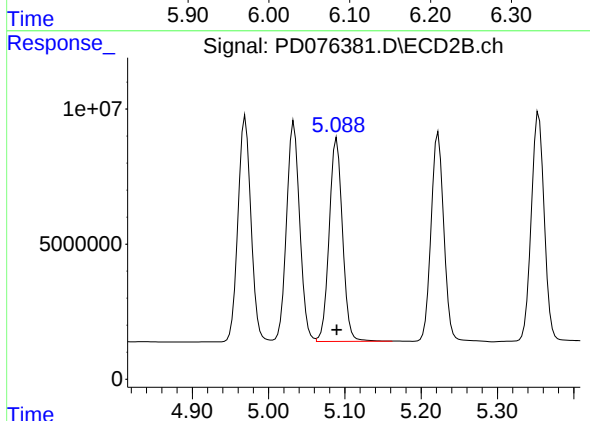
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 219705873
Conc: 49.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

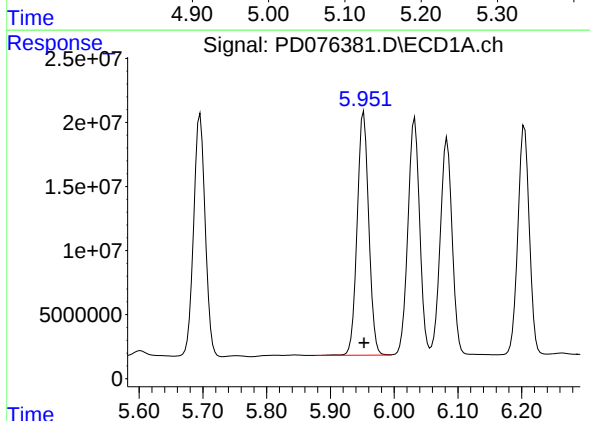
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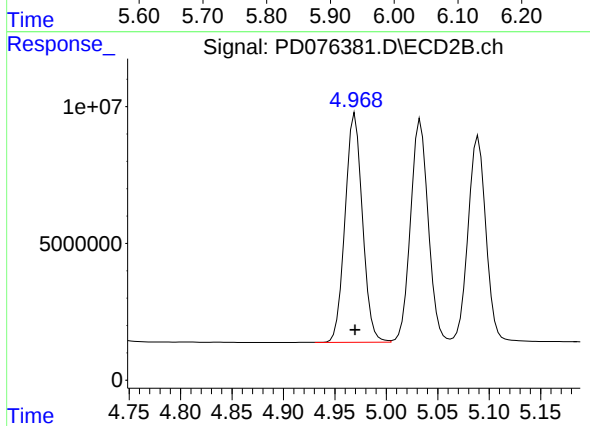
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 91237088
Conc: 48.72 ng/ml



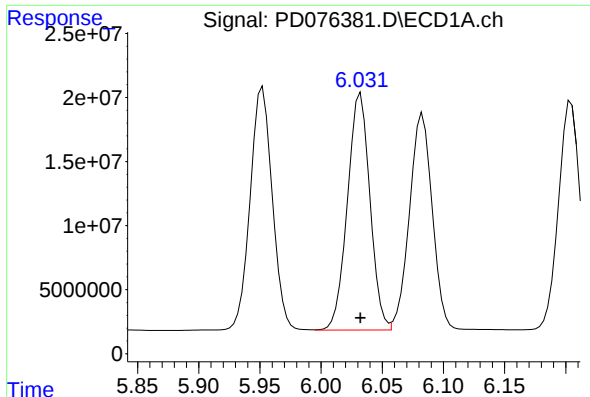
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 239806992
Conc: 49.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 98448082
Conc: 49.44 ng/ml



#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 236758098
Conc: 49.28 ng/ml

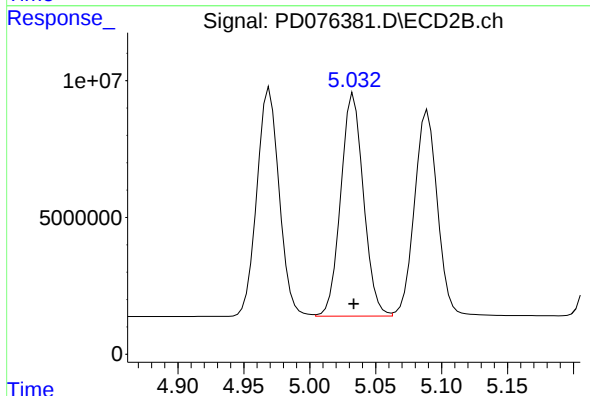
Instrument :

ECD_D

ClientSampleId :
PB154008BS

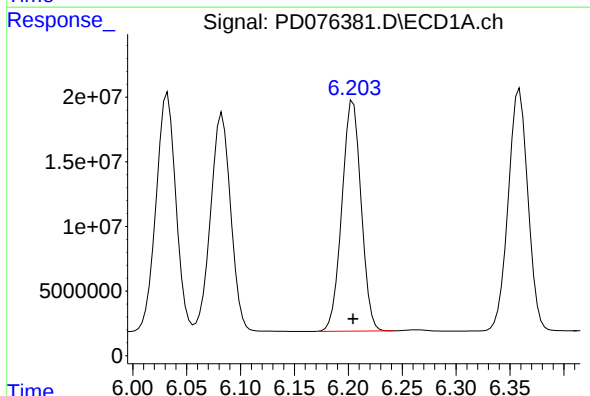
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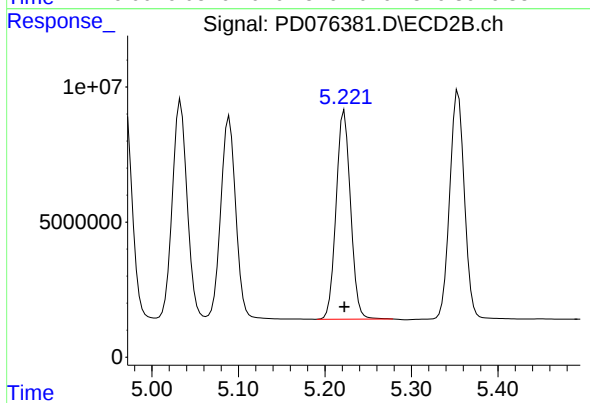
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 97576356
Conc: 49.10 ng/ml



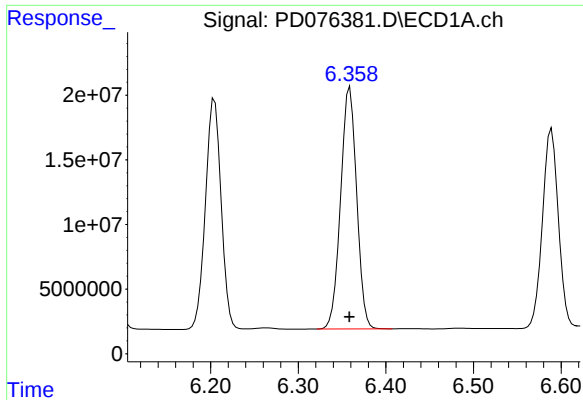
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 221664882
Conc: 52.22 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 89043808
Conc: 57.93 ng/ml



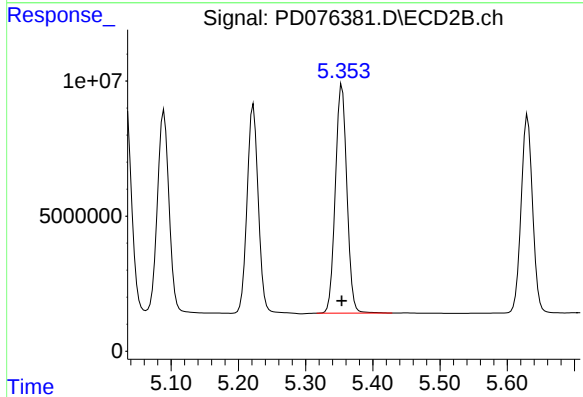
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 238233311
Conc: 50.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

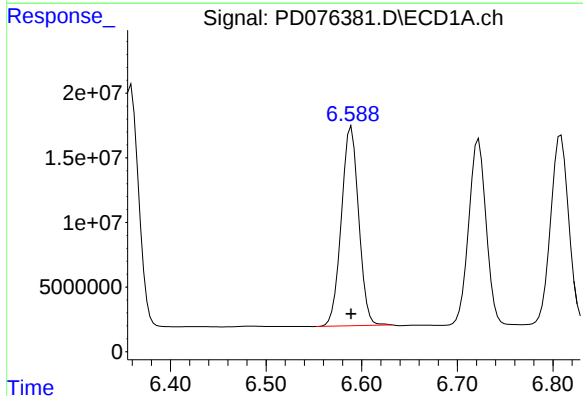
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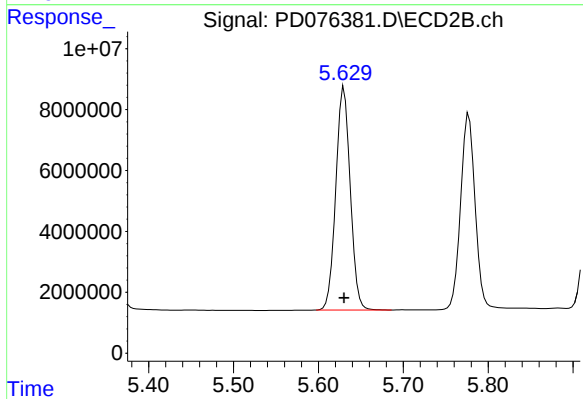
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 99859996
Conc: 50.70 ng/ml



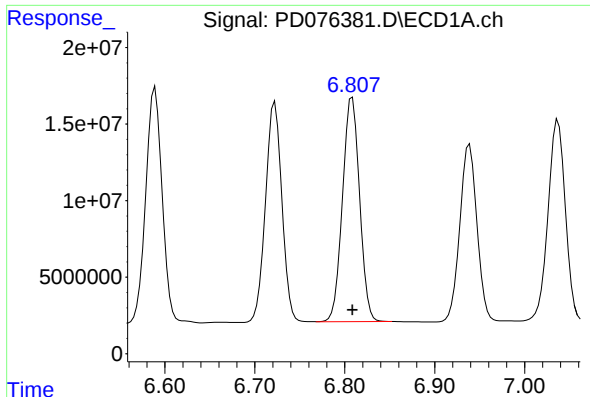
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 194709197
Conc: 48.91 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 86575756
Conc: 49.05 ng/ml



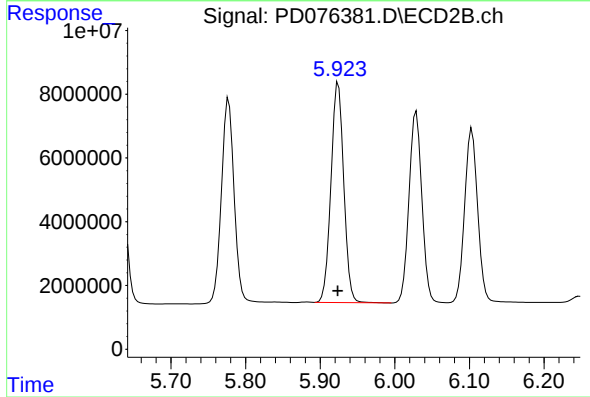
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 193705480
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

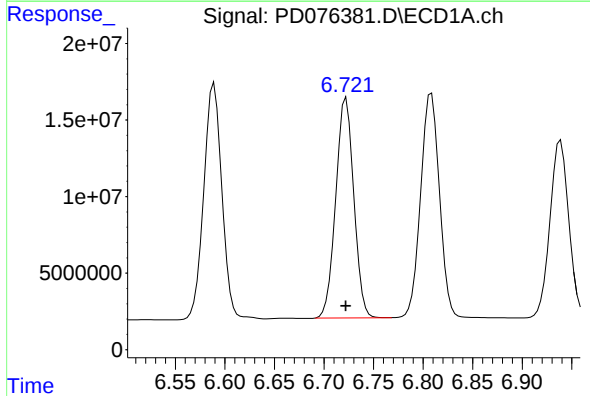
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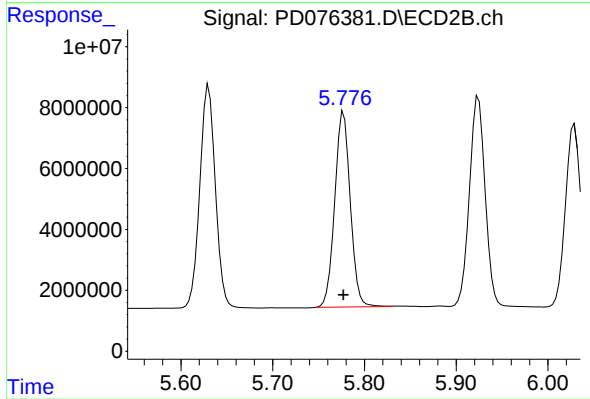
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 82564937
Conc: 53.21 ng/ml



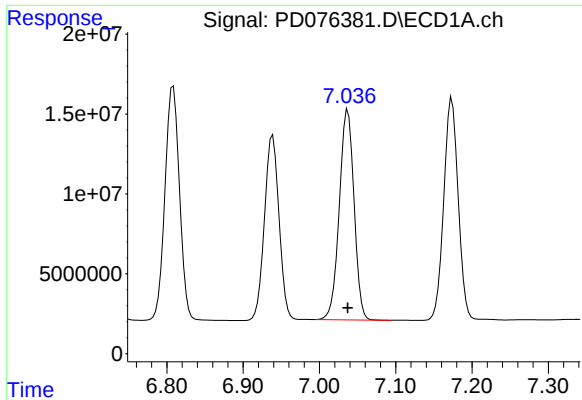
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 182156800
Conc: 54.22 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 75739222
Conc: 62.67 ng/ml



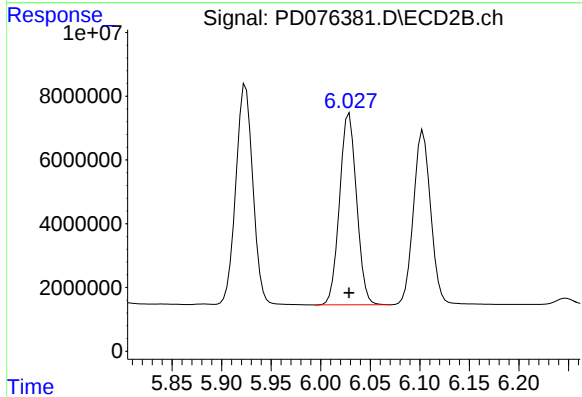
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 176650385
Conc: 50.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

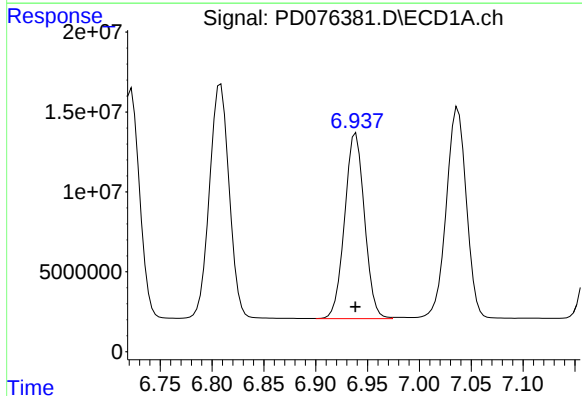
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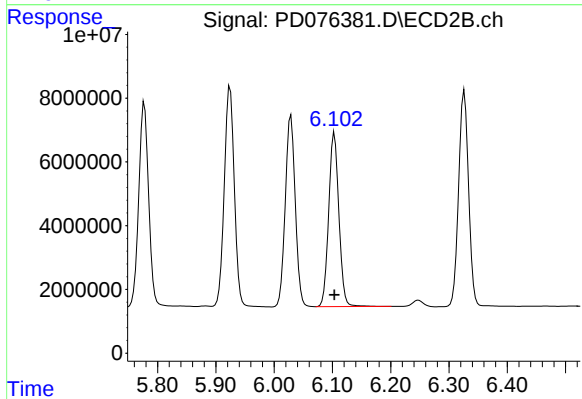
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 71900406
Conc: 59.41 ng/ml



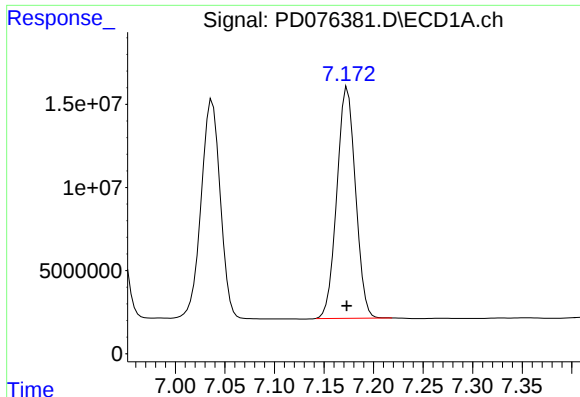
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 154470149
Conc: 56.36 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 66500771
Conc: 58.19 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 181930952
Conc: 49.24 ng/ml

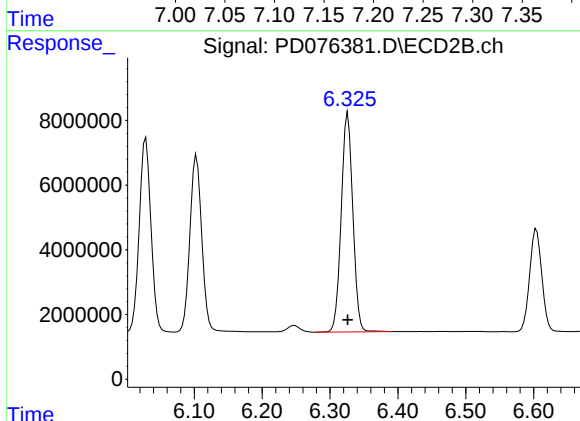
Instrument :

ECD_D

ClientSampleId :
PB154008BS

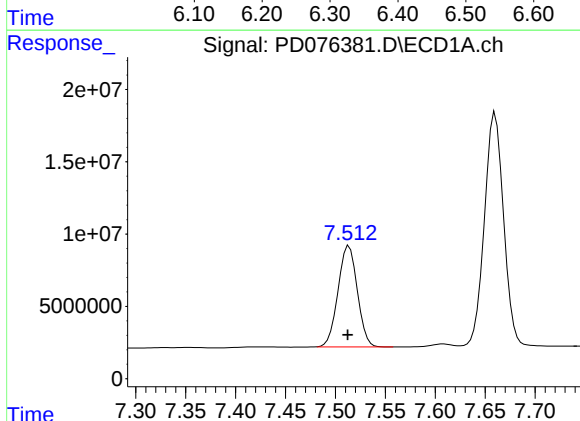
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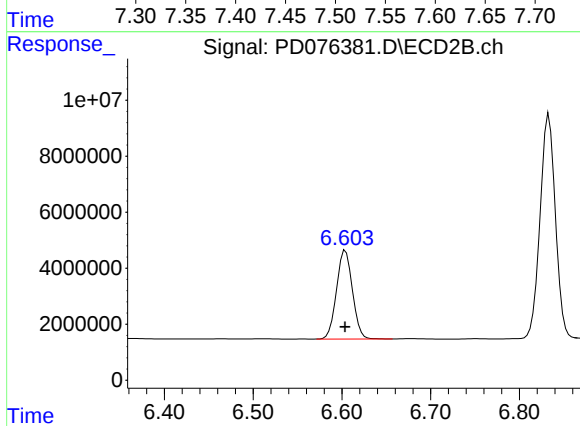
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 80493458
Conc: 52.98 ng/ml



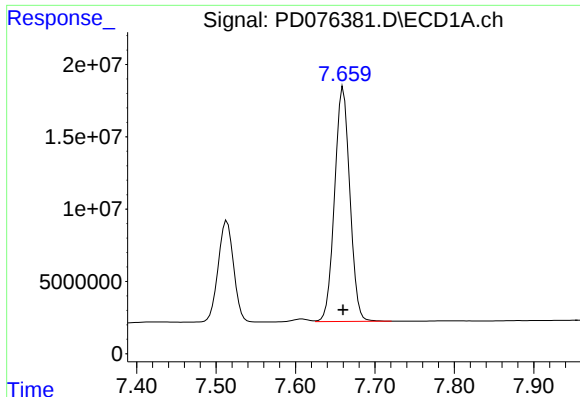
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.001 min
Response: 94125909
Conc: 49.25 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 39447565
Conc: 61.77 ng/ml



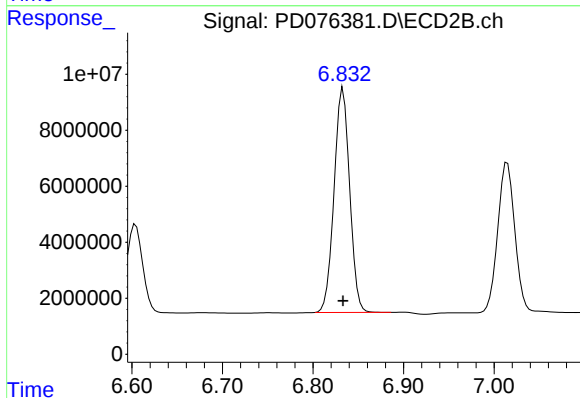
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 216186219
Conc: 51.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

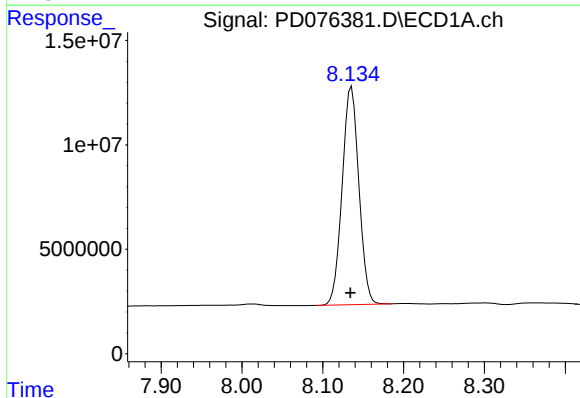
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/07/2023
Supervised By :Ankita Jodhani 07/07/2023



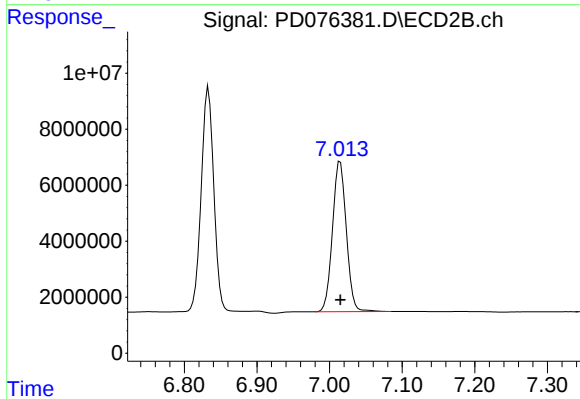
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 96022476
Conc: 54.94 ng/ml



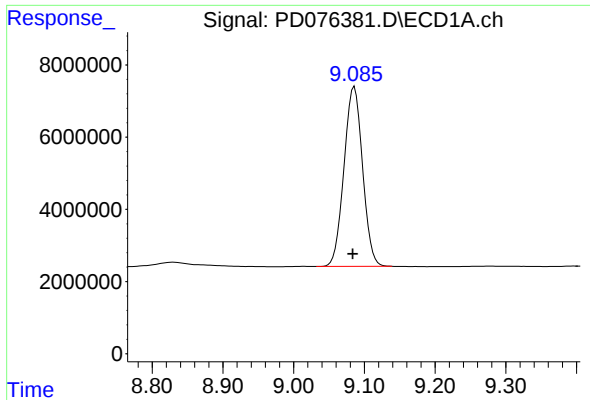
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 149764205
Conc: 47.40 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 71142882
Conc: 48.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.003 min
Response: 90914265
Conc: 25.57 ng/ml

Instrument :

ECD_D

ClientSampleId :

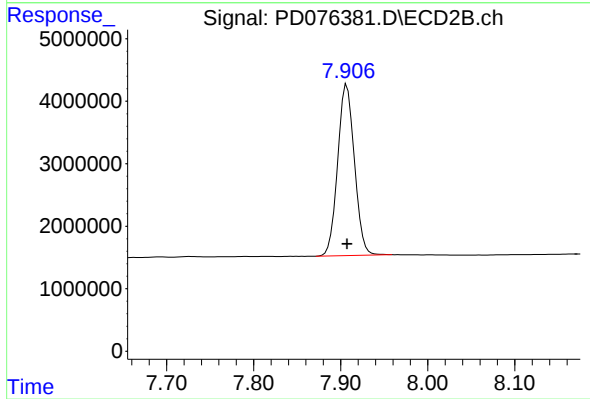
PB154008BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 36697425
Conc: 29.16 ng/ml