

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
 Data File : PD082913.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2024 06:05
 Operator : AR\AJ
 Sample : P2513-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-13MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2024
 Supervised By : Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 07:04:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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...	3.566	2.778	27849140	74517696	17.988	18.802
28)	SA Decachlor...	9.119	7.904	27285894	55060360	13.664	14.245
Target Compounds							
2)	A alpha-BHC	4.023	3.277	121.8E6	291.2E6	44.477	46.676
3)	MA gamma-BHC...	4.355	3.605	115.7E6	269.4E6	43.765m	45.591
4)	MA Heptachlor	4.949	3.943	119.1E6	259.4E6	47.239	46.864
5)	MB Aldrin	5.292	4.222	114.5E6	254.8E6	44.425	44.705
6)	B beta-BHC	4.553	3.900	46554004	115.7E6	44.450	48.436
7)	B delta-BHC	4.802	4.129	116.2E6	263.2E6	46.785	45.471
8)	B Heptachlo...	5.720	4.723	100.3E6	227.6E6	43.022	45.186
9)	A Endosulfan I	6.107	5.093	95018149	191.2E6	44.002	41.460
10)	B gamma-Chl...	5.977	4.972	107.3E6	248.7E6	47.371	49.757
11)	B alpha-Chl...	6.056	5.037	105.2E6	235.3E6	46.485	47.383
12)	B 4,4'-DDE	6.227	5.225	81392691	208.1E6	37.202	44.572
13)	MA Dieldrin	6.383	5.357	95286481	234.0E6	42.608	46.561
14)	MA Endrin	6.613	5.631	79207054	194.5E6	42.097	44.477
15)	B Endosulfa...	6.833	5.923	80891057	194.4E6	40.545	46.548m
16)	A 4,4'-DDD	6.747	5.778	70506190	165.8E6	44.078	44.067
17)	MA 4,4'-DDT	7.061	6.028	70714315	170.2E6	41.890	44.380
18)	B Endrin al...	6.963	6.104	60122168	137.9E6	42.940	44.181
19)	B Endosulfa...	7.199	6.326	71406025	173.5E6	40.469	43.512
20)	A Methoxychlor	7.538	6.604	34338207	85637476	37.460	42.146
21)	B Endrin ke...	7.686	6.832	78756222	184.4E6	40.975	40.558
22)	Mirex	8.162	7.013	58647975	143.8E6	38.263	40.249

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
Data File : PD082913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2024 06:05
Operator : AR\AJ
Sample : P2513-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

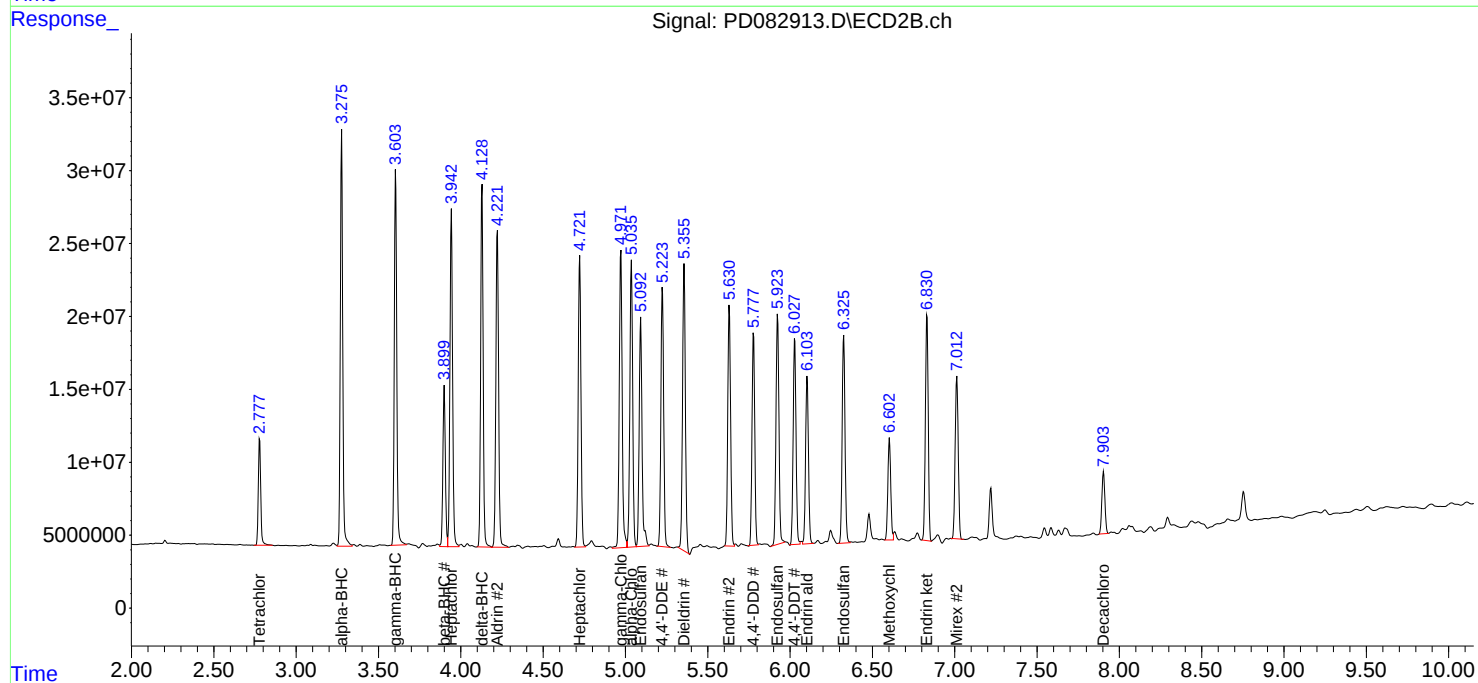
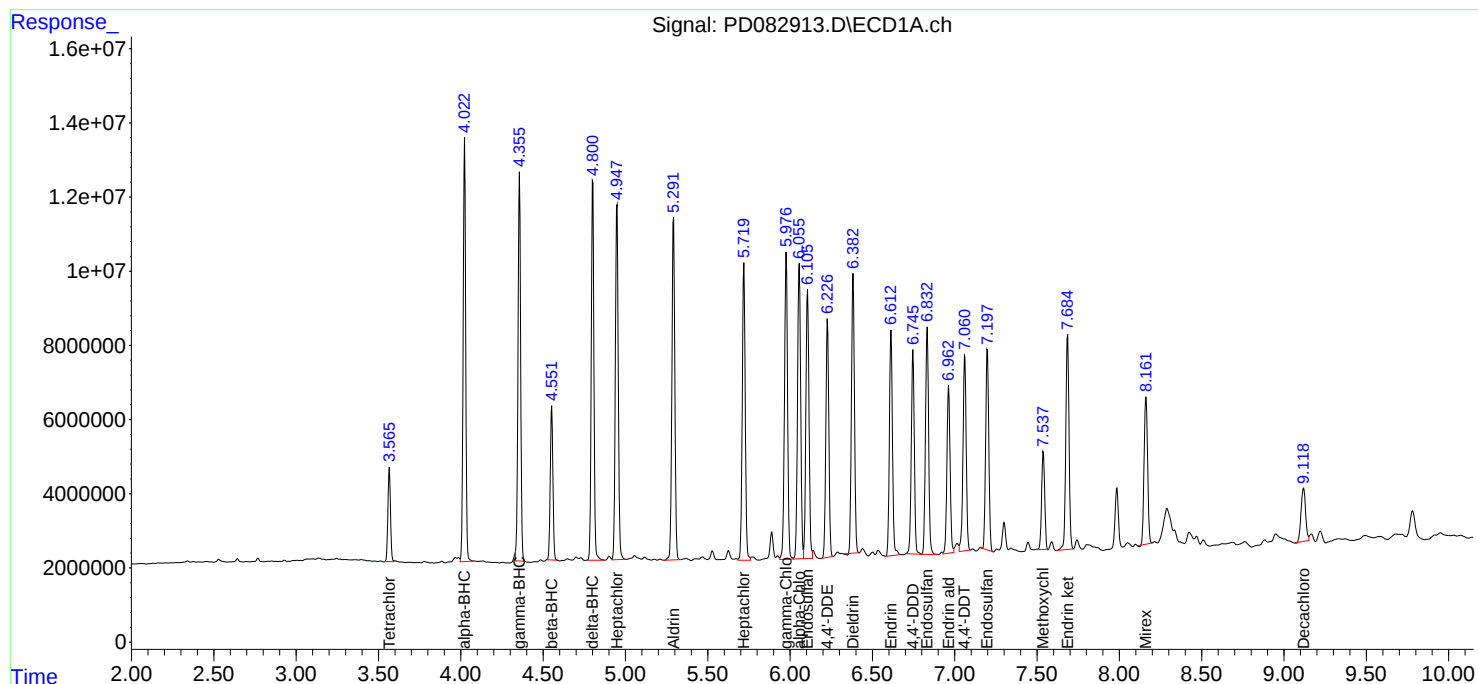
Instrument :
ECD_D
ClientSampleId :
TP-13MS

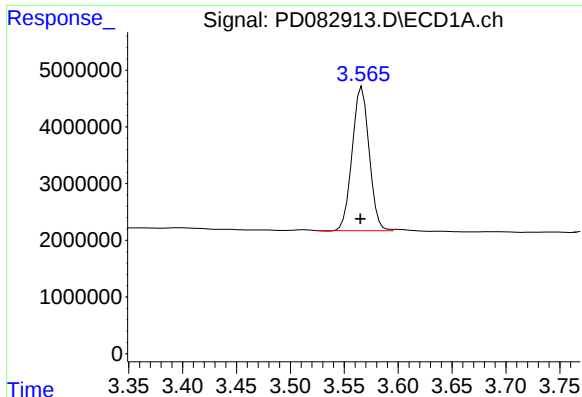
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2024
Supervised By :Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 07:04:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 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





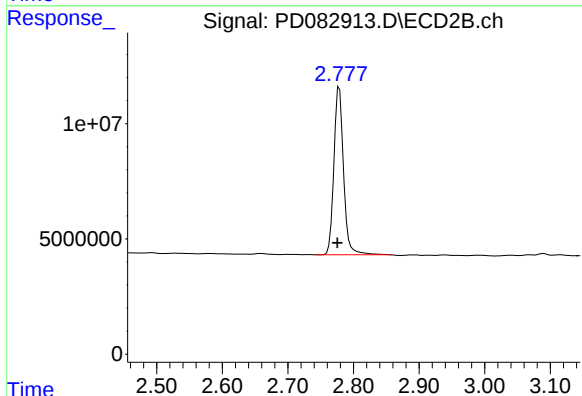
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.001 min
Response: 27849140
Conc: 17.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

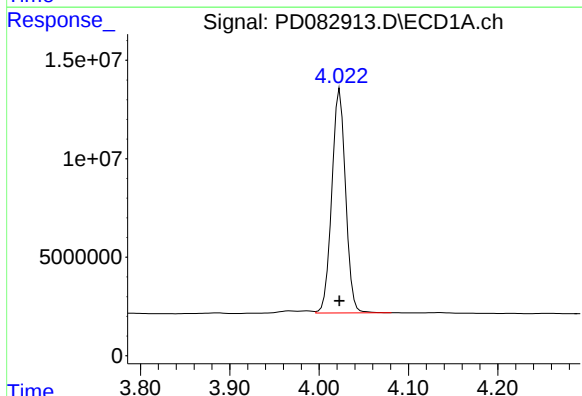
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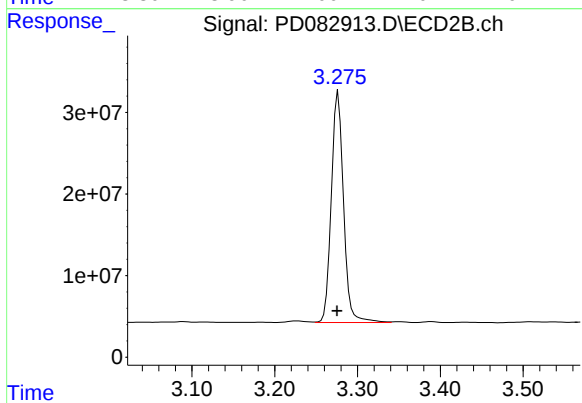
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.003 min
Response: 74517696
Conc: 18.80 ng/ml



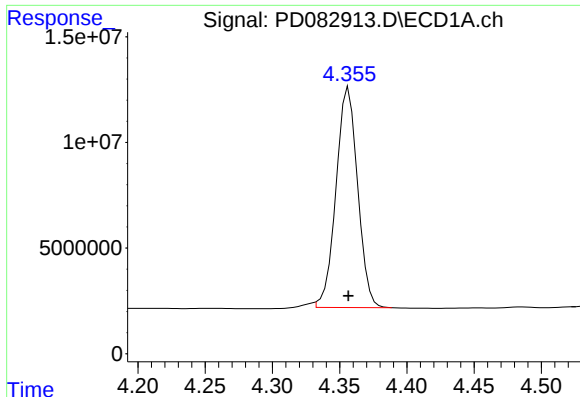
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 121828478
Conc: 44.48 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.001 min
Response: 291164079
Conc: 46.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 115680078
Conc: 43.77 ng/ml

Instrument :

ECD_D

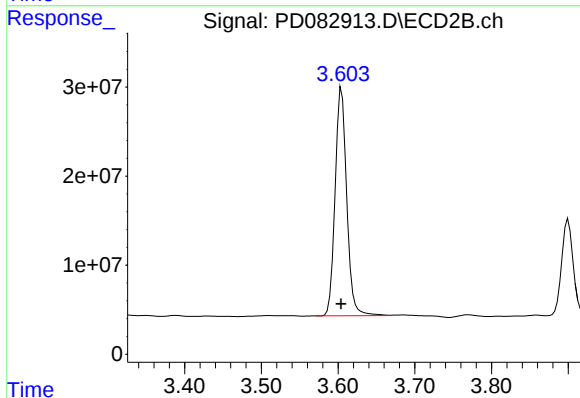
ClientSampleId :

TP-13MS

Manual Integrations

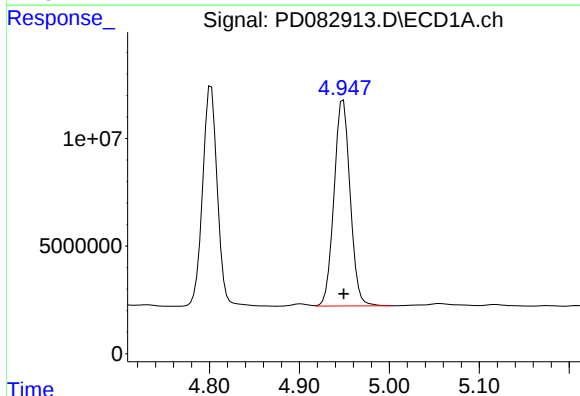
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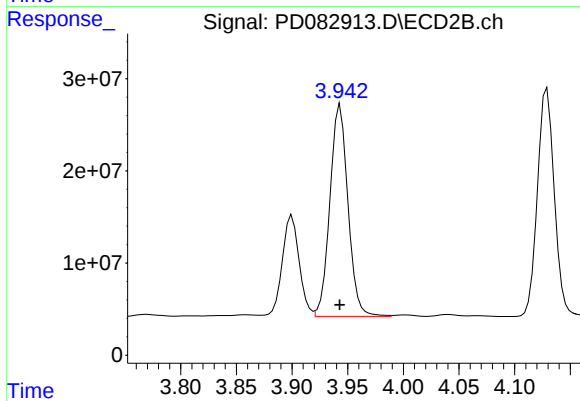
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 269447331
Conc: 45.59 ng/ml



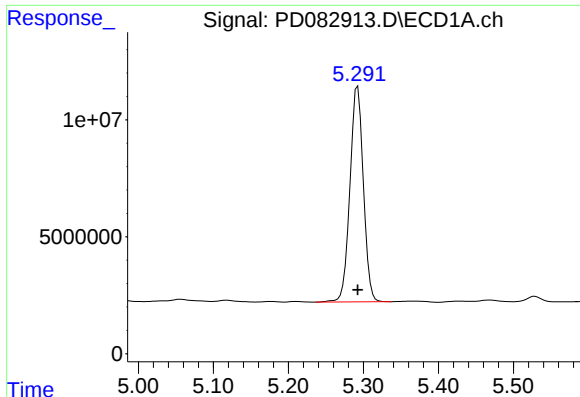
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 119139282
Conc: 47.24 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 259408048
Conc: 46.86 ng/ml



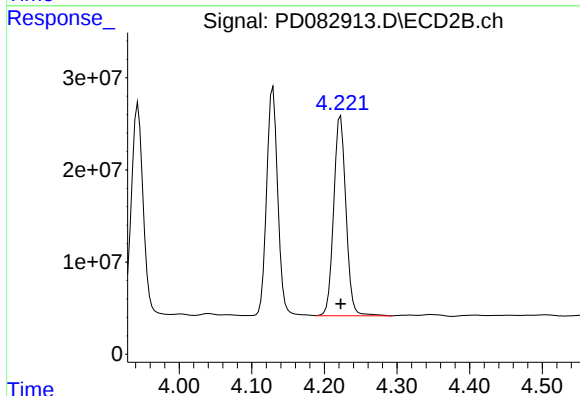
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 114478635
Conc: 44.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

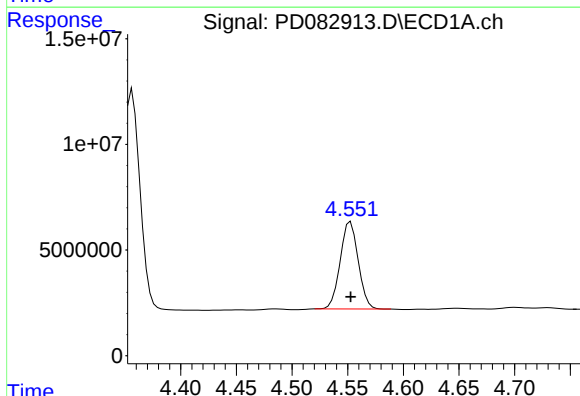
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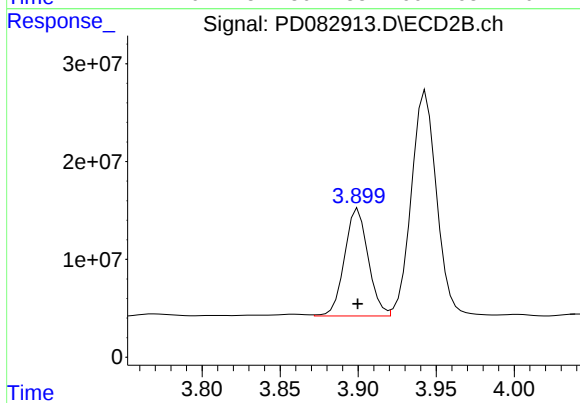
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 254750578
Conc: 44.70 ng/ml



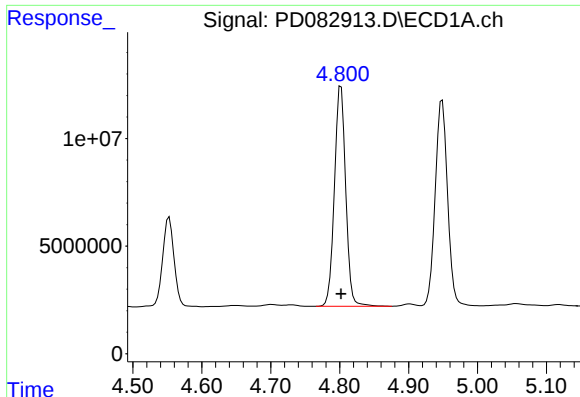
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 46554004
Conc: 44.45 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 115669394
Conc: 48.44 ng/ml



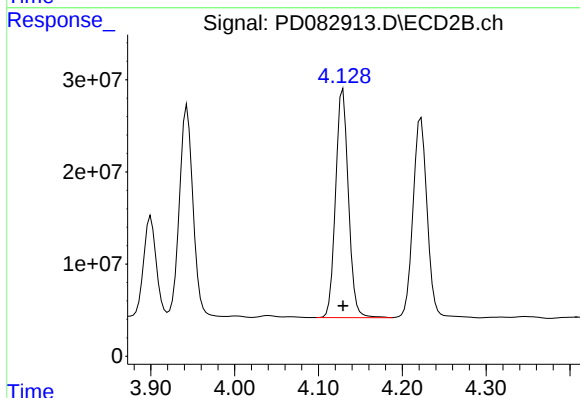
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 116247868
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

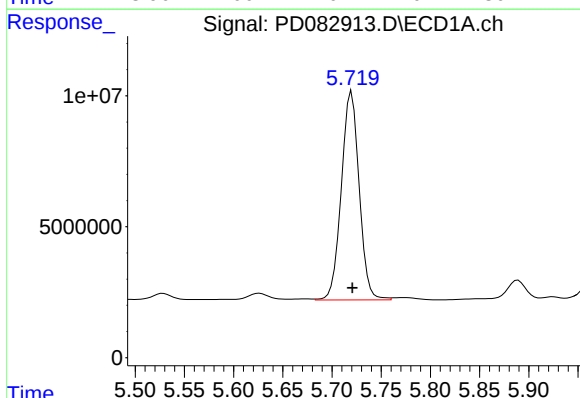
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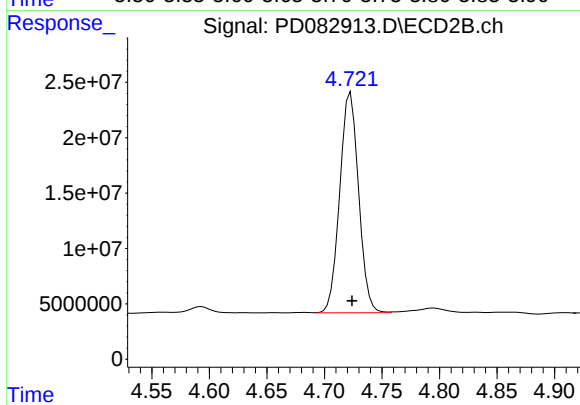
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 263203283
Conc: 45.47 ng/ml



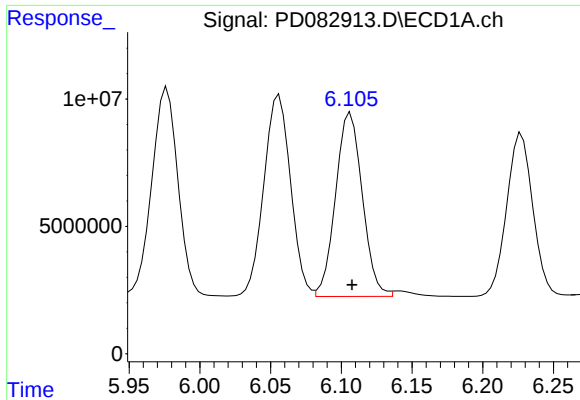
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 100347555
Conc: 43.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 227629791
Conc: 45.19 ng/ml



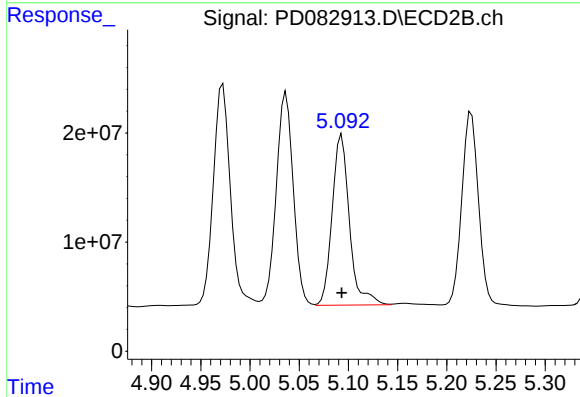
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: -0.001 min
Response: 95018149
Conc: 44.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

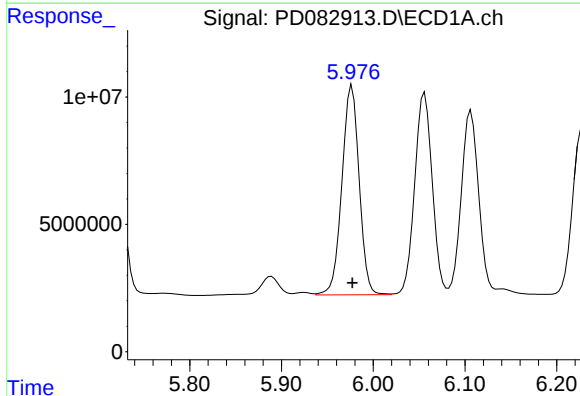
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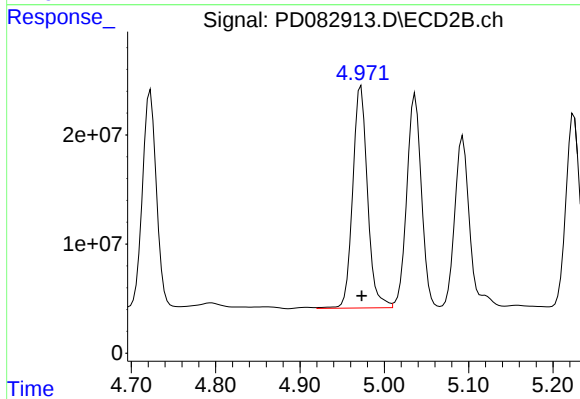
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 191234500
Conc: 41.46 ng/ml



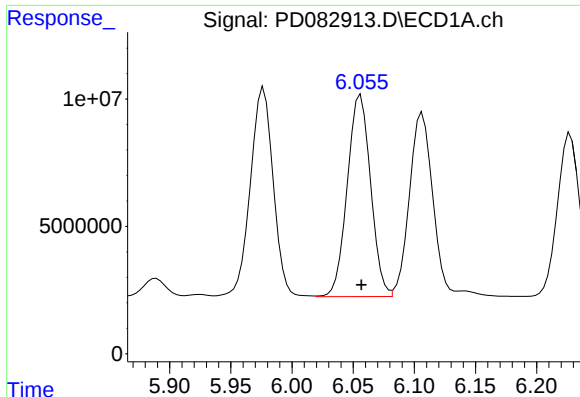
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 107291540
Conc: 47.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 248727407
Conc: 49.76 ng/ml



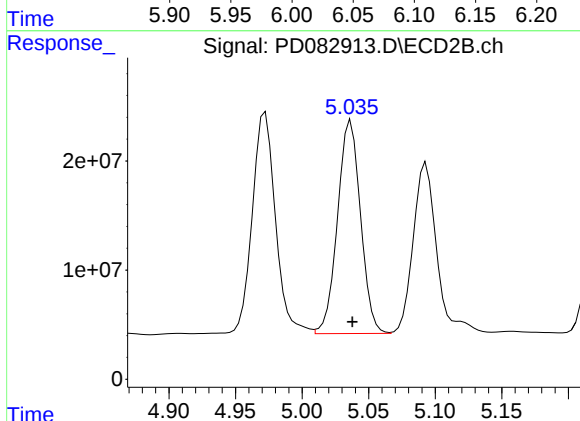
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 105162900
Conc: 46.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

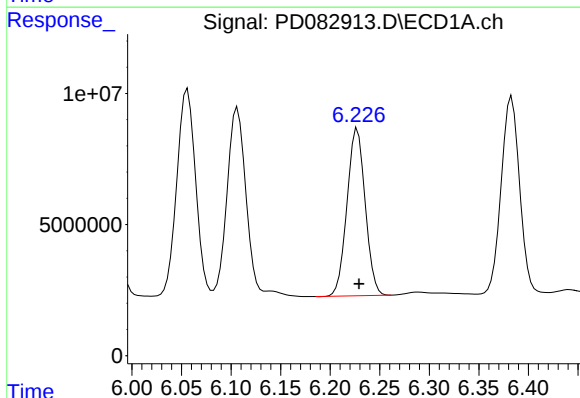
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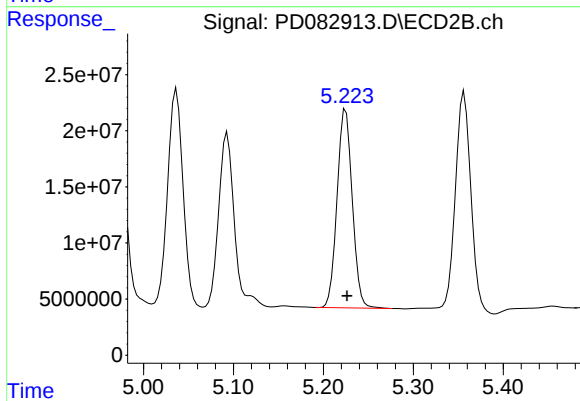
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 235304453
Conc: 47.38 ng/ml



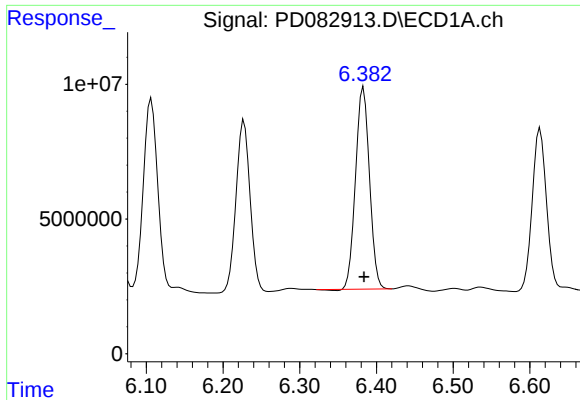
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 81392691
Conc: 37.20 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 208056639
Conc: 44.57 ng/ml



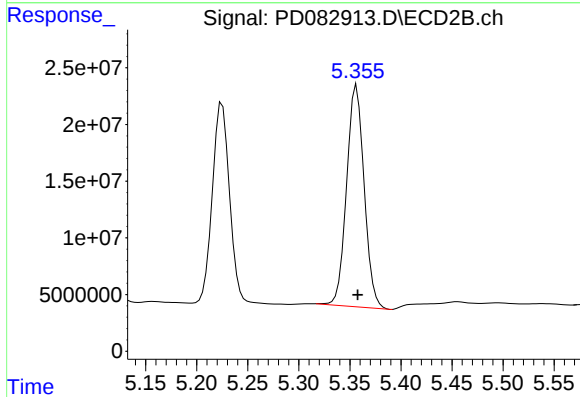
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 95286481
Conc: 42.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

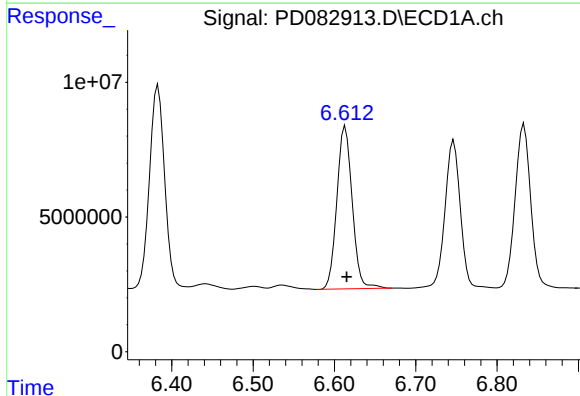
Manual Integrations
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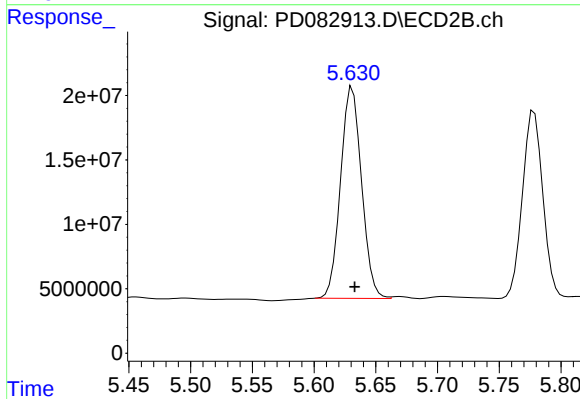
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 234015407
Conc: 46.56 ng/ml



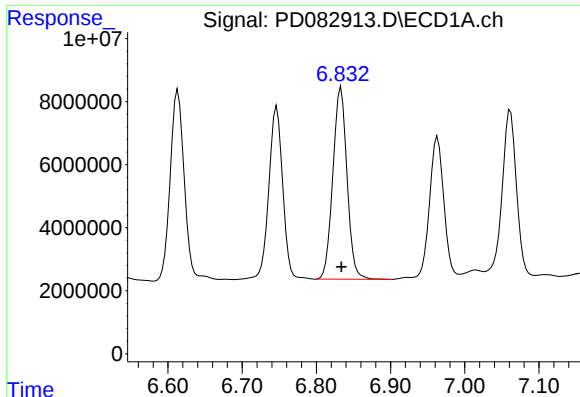
#14 Endrin

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 79207054
Conc: 42.10 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 194488979
Conc: 44.48 ng/ml



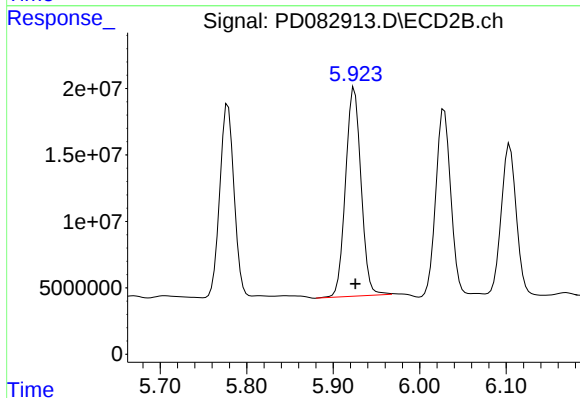
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 80891057
Conc: 40.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

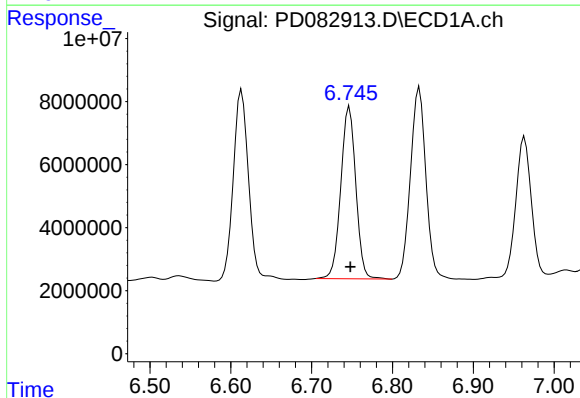
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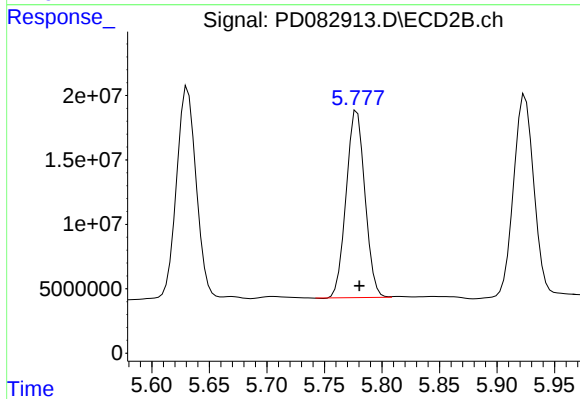
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 194383068
Conc: 46.55 ng/ml m



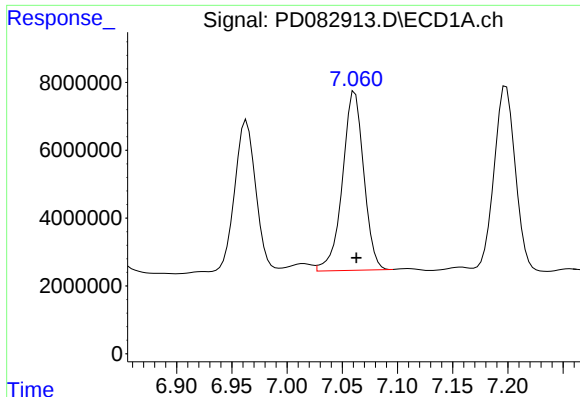
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 70506190
Conc: 44.08 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 165783178
Conc: 44.07 ng/ml



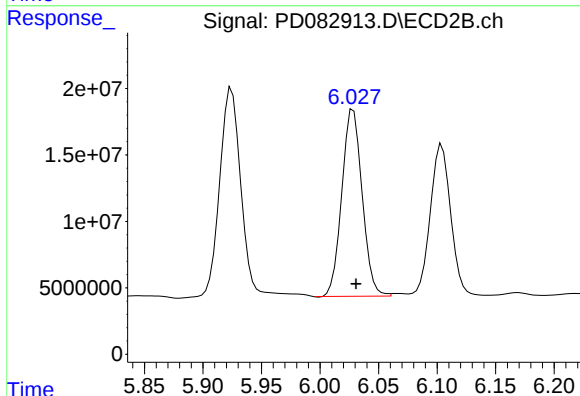
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 70714315
Conc: 41.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

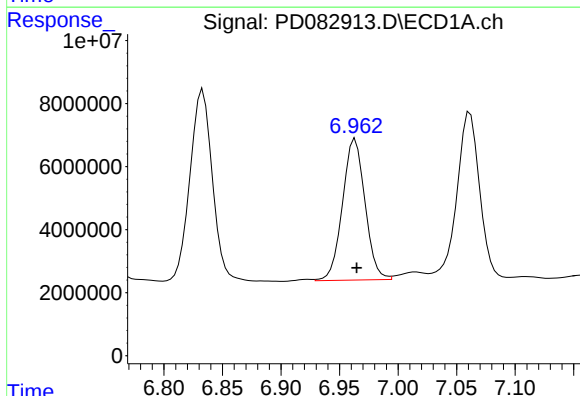
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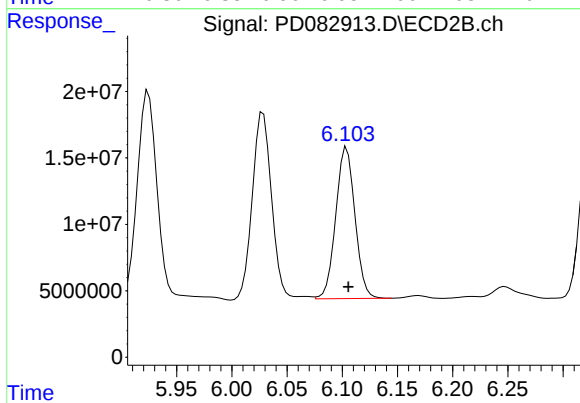
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 170183776
Conc: 44.38 ng/ml



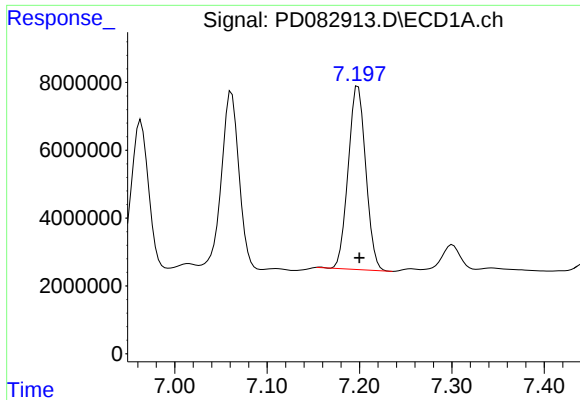
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 60122168
Conc: 42.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 137934005
Conc: 44.18 ng/ml



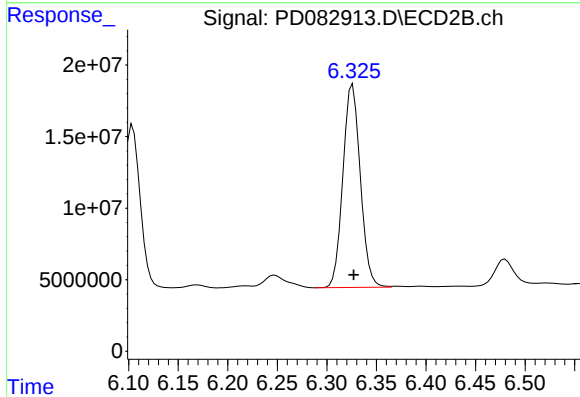
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: -0.001 min
Response: 71406025
Conc: 40.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

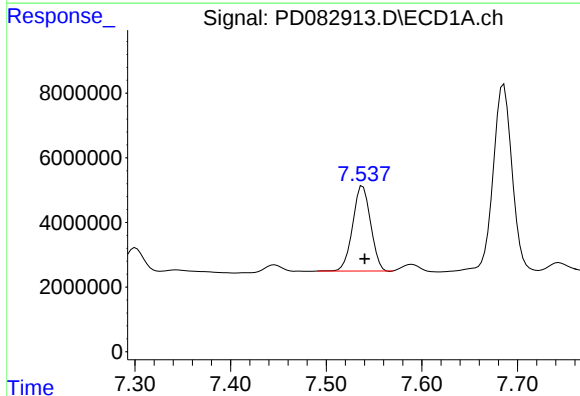
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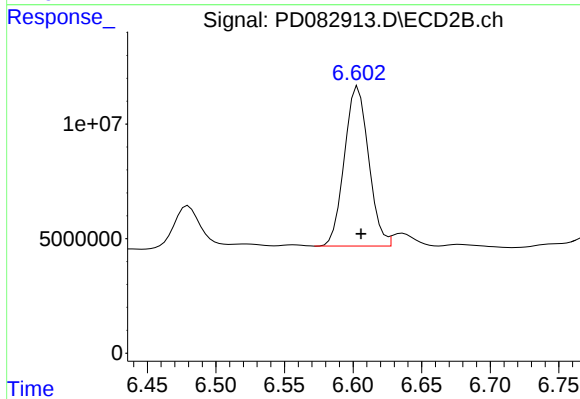
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.001 min
Response: 173493991
Conc: 43.51 ng/ml



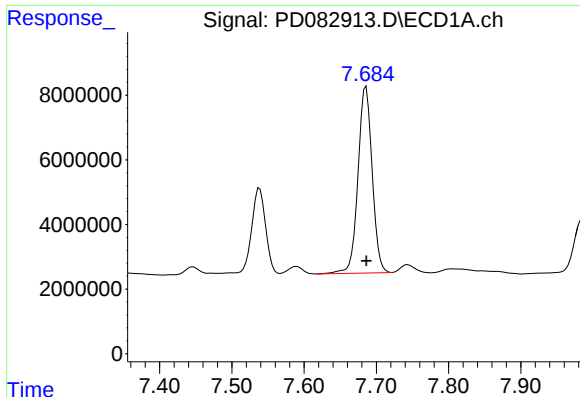
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 34338207
Conc: 37.46 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 85637476
Conc: 42.15 ng/ml



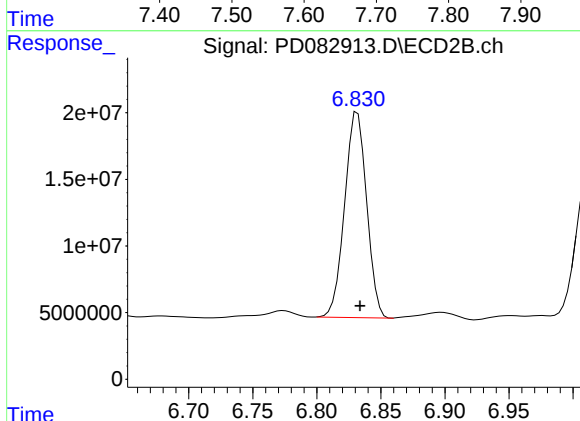
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 78756222
Conc: 40.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

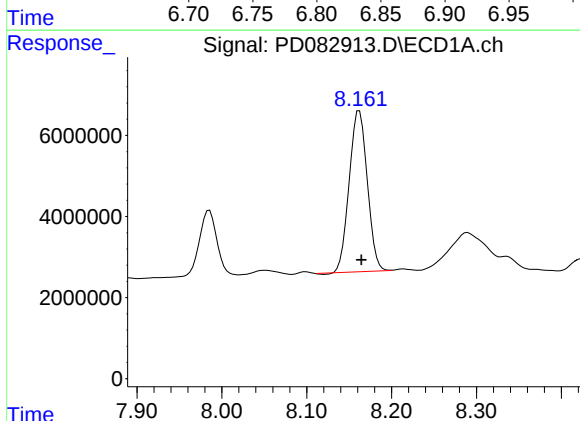
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2024
Supervised By :Ankita Jodhani 05/20/2024



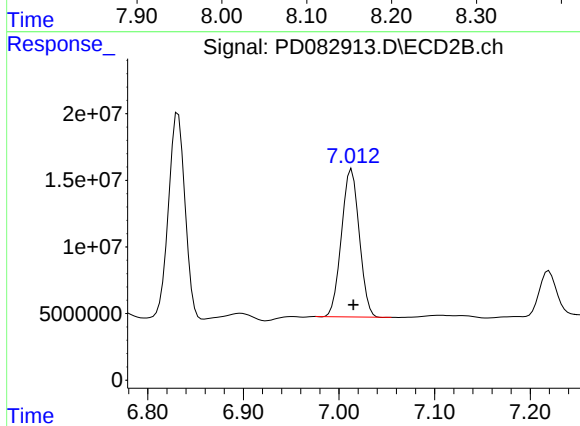
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 184374712
Conc: 40.56 ng/ml



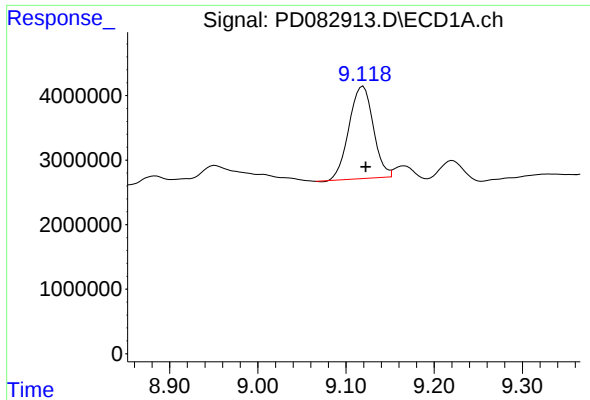
#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.002 min
Response: 58647975
Conc: 38.26 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 143798496
Conc: 40.25 ng/ml



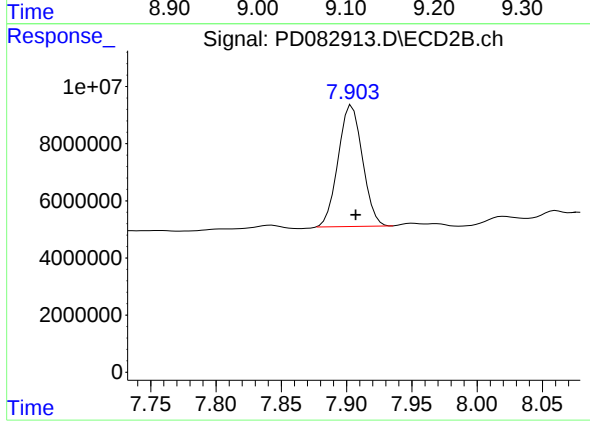
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: -0.003 min
Response: 27285894
Conc: 13.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-13MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2024
Supervised By :Ankita Jodhani 05/20/2024



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 55060360
Conc: 14.24 ng/ml