

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122821\
 Data File : PL071709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2021 16:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 00:26:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 27 14:06:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.559	5.496	31605712	82118675	48.714	48.123
28)	SA Decachlor...	10.321	11.389	38014979	64910880	51.063	51.792
Target Compounds							
2)	A alpha-BHC	5.265	6.077	43948626	118.8E6	48.343	48.683
3)	MA gamma-BHC...	5.688	6.473	42406952	107.8E6	48.379	47.540
4)	MA Heptachlor	6.094	7.119	40120235	94687827	41.733	40.978
5)	MB Aldrin	6.418	7.489	42238846	101.0E6	47.305	45.854
6)	B beta-BHC	6.072	6.732	17952747	45061859	47.242	43.772
7)	B delta-BHC	6.330	6.997	40681270	96448228	47.263	45.738
8)	B Heptachlo...	6.996	7.957	39553110	90062135	46.849	45.783
9)	A Endosulfan I	7.398	8.362	36070647	76857755	47.146	45.132
10)	B gamma-Chl...	7.273	8.225	39735315	85746006	46.389	43.957m
11)	B alpha-Chl...	7.342	8.307	39350150	83107101	46.330	44.590
12)	B 4,4'-DDE	7.557	8.497	35694420	79584574	47.900	44.967
13)	MA Dieldrin	7.684	8.651	38475696	82434919	46.713	44.427
14)	MA Endrin	7.975	8.890	33038703	63515680	44.408	42.145
15)	B Endosulfa...	8.287	9.124	34993485	68289132	48.637	45.930m
16)	A 4,4'-DDD	8.143	9.035	29205612	58315593	49.225	44.906m
17)	MA 4,4'-DDT	8.404	9.352	29435293	56952213	45.658	41.714m
18)	B Endrin al...	8.476	9.261	28141473	53731645	48.514	46.471
19)	B Endosulfa...	8.707	9.498	32473737	59974787	43.965	42.625
20)	A Methoxychlor	9.000	9.841	16992014	28209318	45.600	43.398
21)	B Endrin ke...	9.225	9.994	39260587	65301459	49.916	48.080
22)	Mirex	9.407	10.458	32845351	49042964	45.445	45.132

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

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 Data File : PL071709.D
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 Acq On : 28 Dec 2021 16:19
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ECD_L

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PSTDCCC050

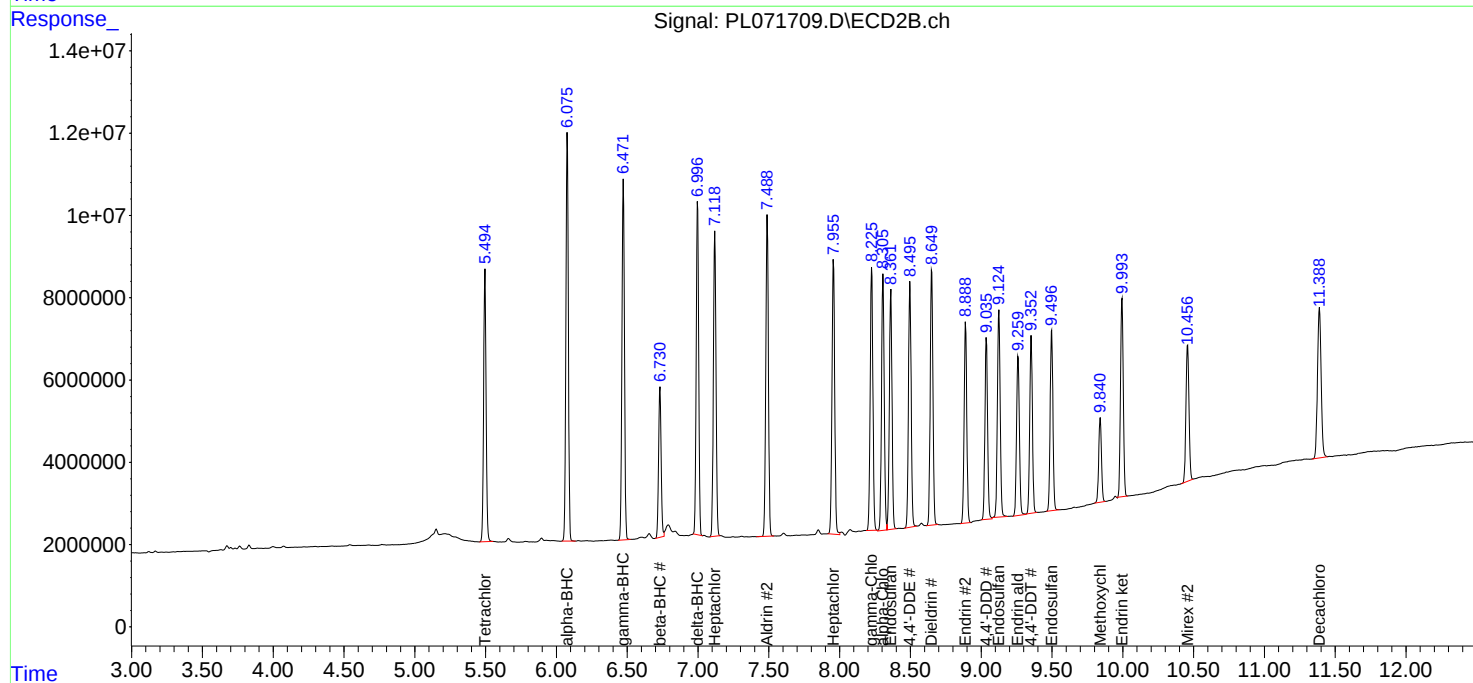
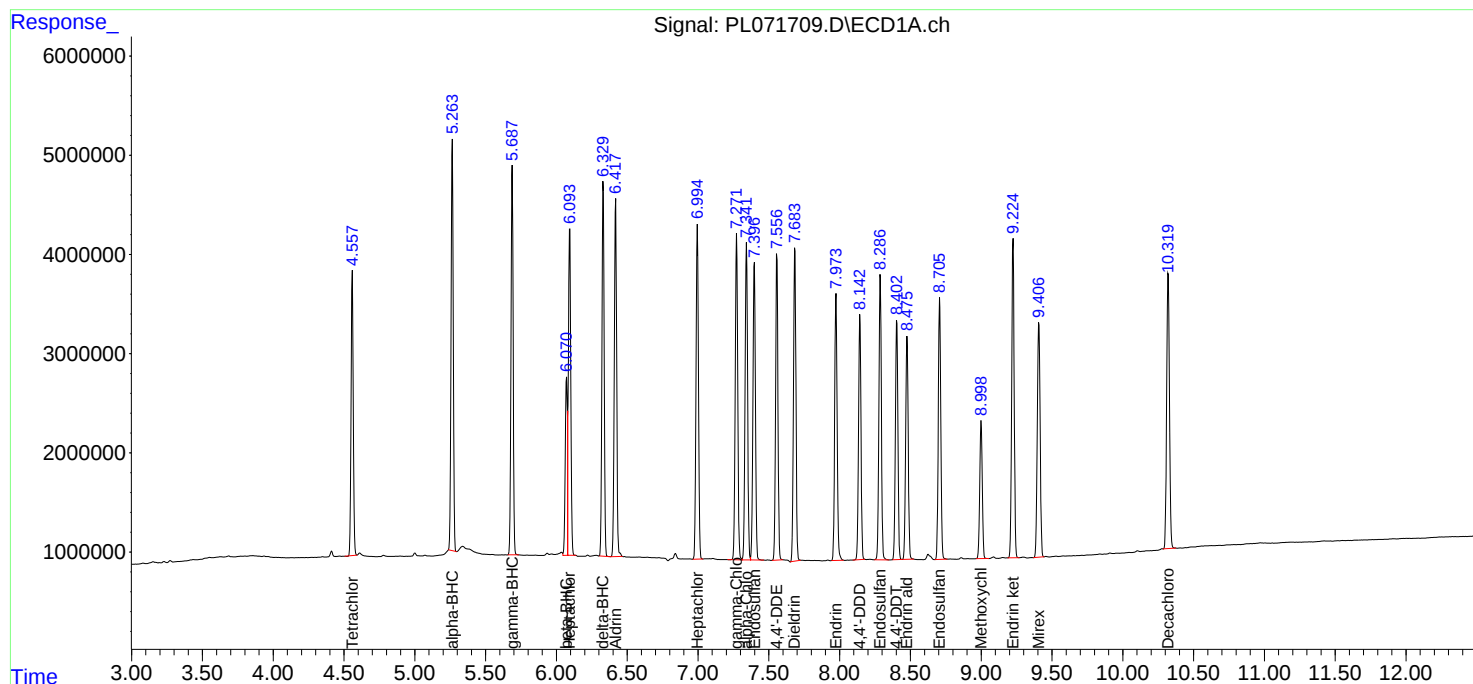
Manual Integrations

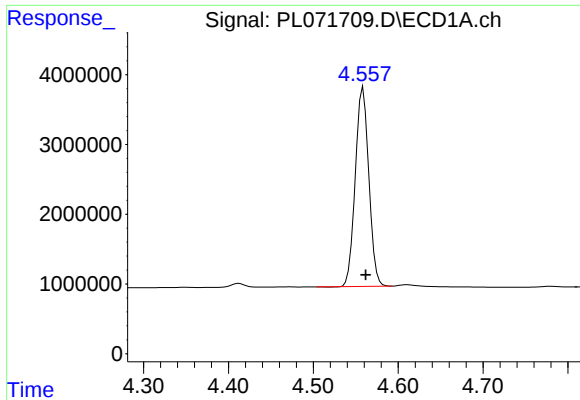
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 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 00:26:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
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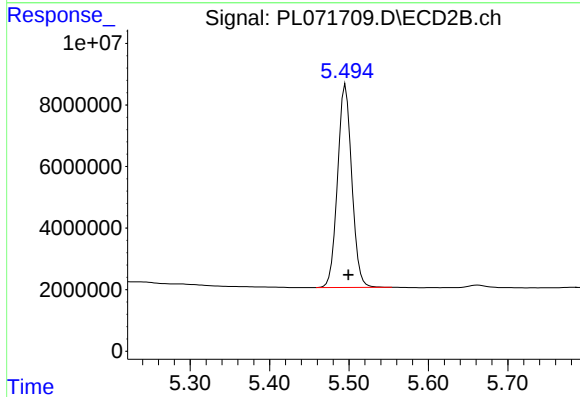
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 31605712
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

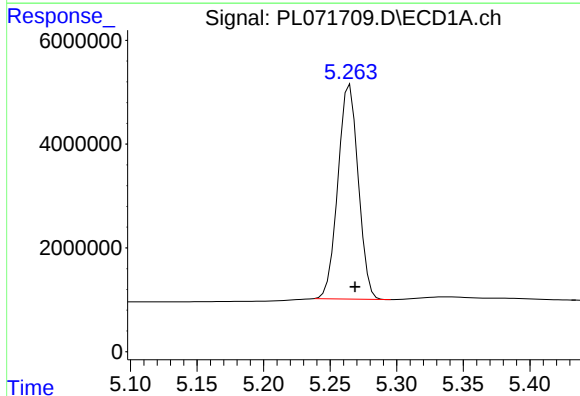
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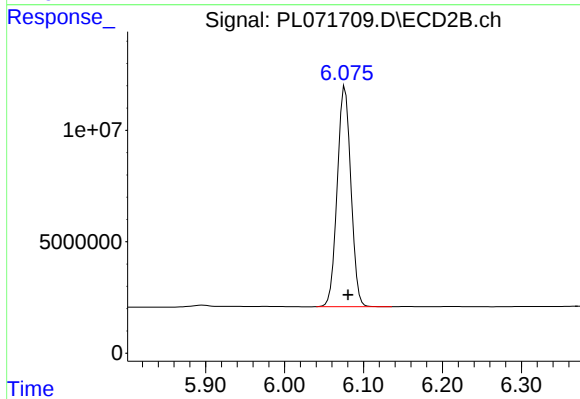
#1 Tetrachloro-m-xylene

R.T.: 5.496 min
Delta R.T.: -0.004 min
Response: 82118675
Conc: 48.12 ng/ml



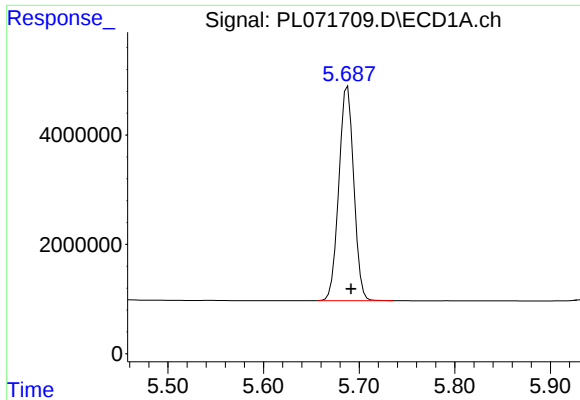
#2 alpha-BHC

R.T.: 5.265 min
Delta R.T.: -0.004 min
Response: 43948626
Conc: 48.34 ng/ml



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 118849468
Conc: 48.68 ng/ml



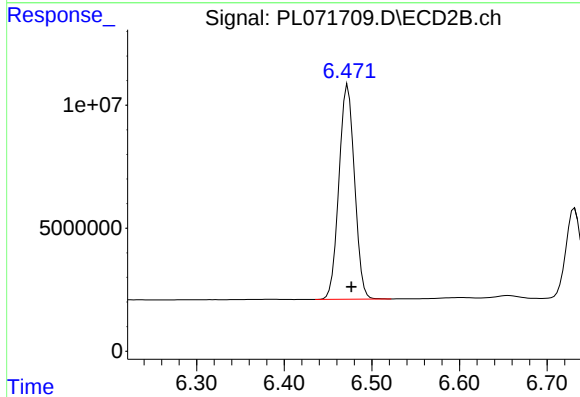
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 42406952
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

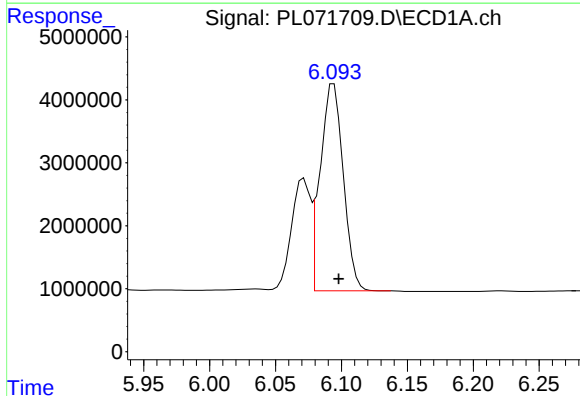
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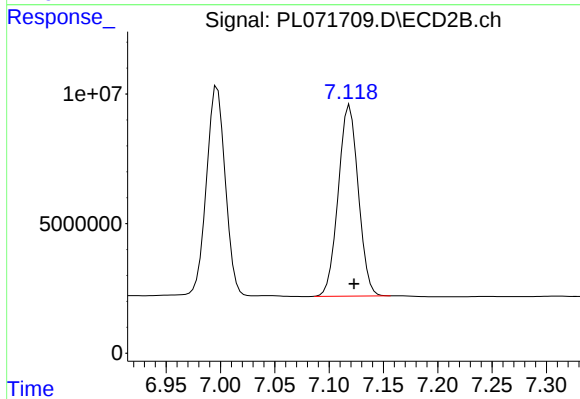
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 107770365
Conc: 47.54 ng/ml



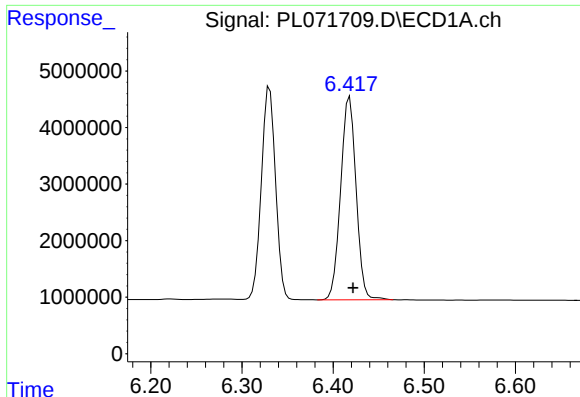
#4 Heptachlor

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 40120235
Conc: 41.73 ng/ml



#4 Heptachlor

R.T.: 7.119 min
Delta R.T.: -0.004 min
Response: 94687827
Conc: 40.98 ng/ml



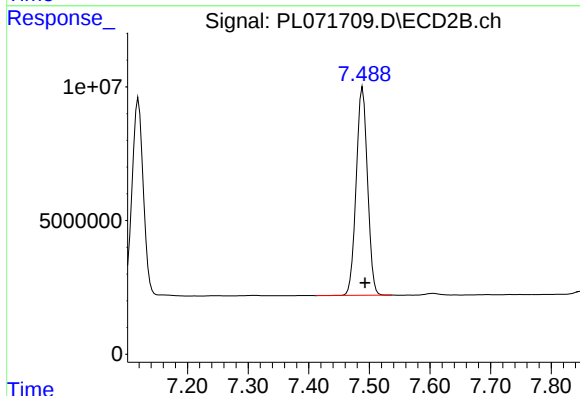
#5 Aldrin

R.T.: 6.418 min
Delta R.T.: -0.004 min
Response: 42238846
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

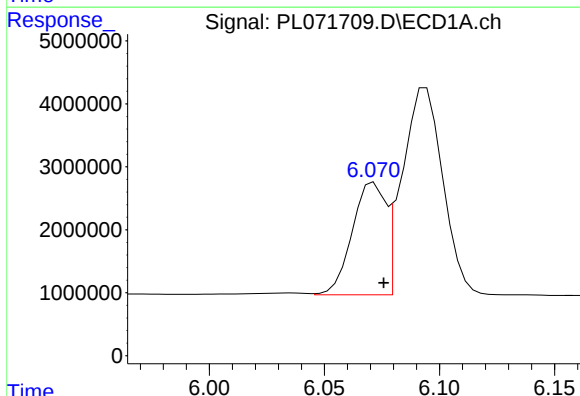
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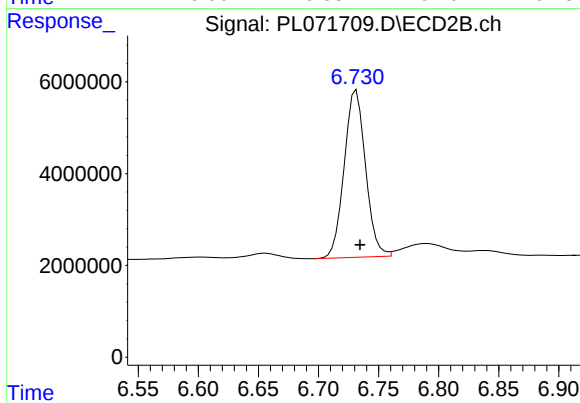
#5 Aldrin

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 101032362
Conc: 45.85 ng/ml



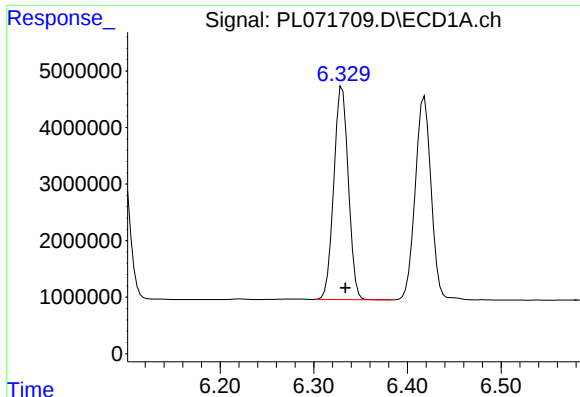
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 17952747
Conc: 47.24 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 45061859
Conc: 43.77 ng/ml



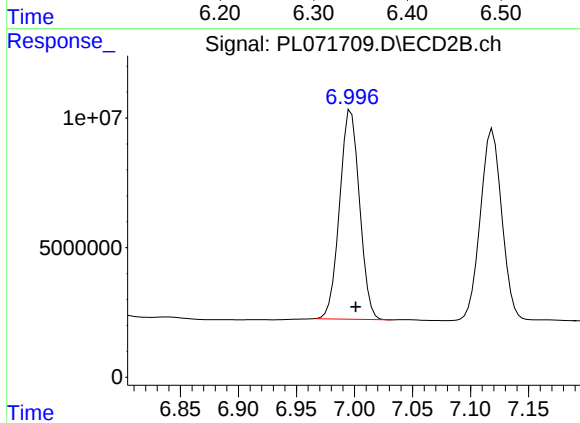
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 40681270
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

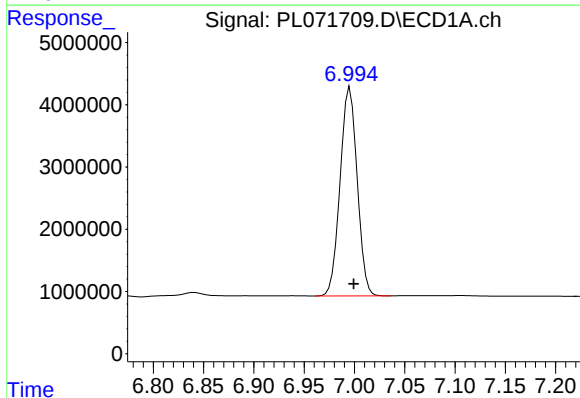
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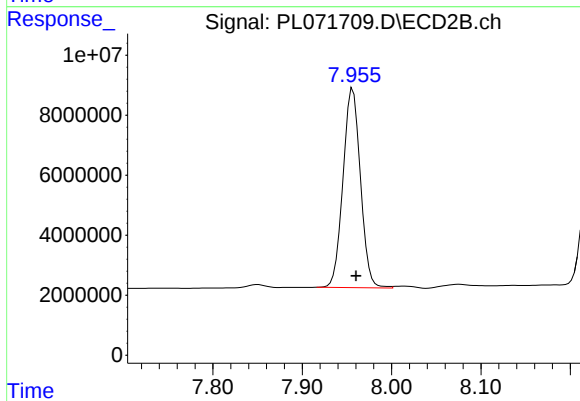
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: -0.004 min
Response: 96448228
Conc: 45.74 ng/ml



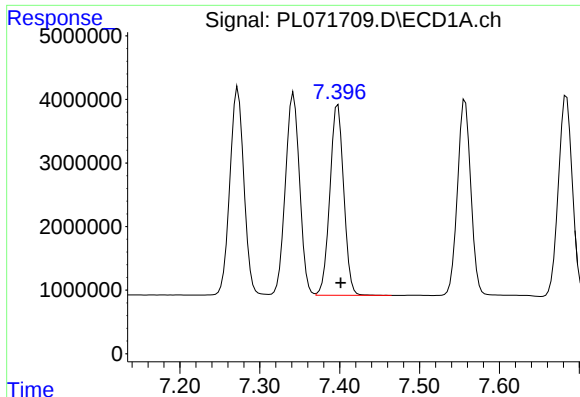
#8 Heptachlor epoxide

R.T.: 6.996 min
Delta R.T.: -0.004 min
Response: 39553110
Conc: 46.85 ng/ml



#8 Heptachlor epoxide

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 90062135
Conc: 45.78 ng/ml



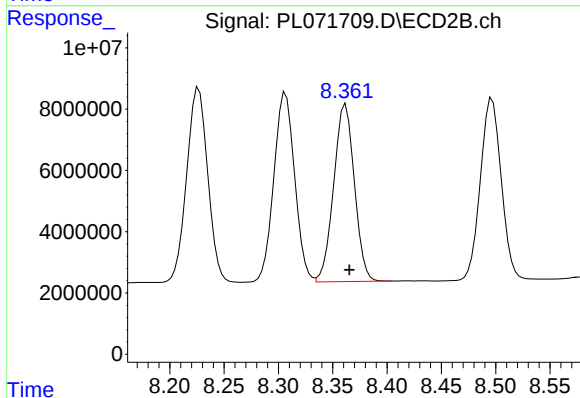
#9 Endosulfan I

R.T.: 7.398 min
Delta R.T.: -0.003 min
Response: 36070647
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

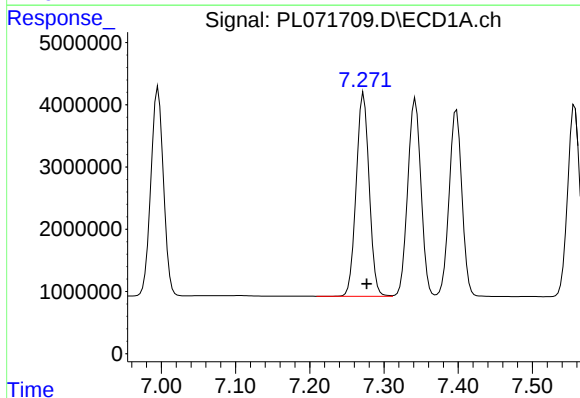
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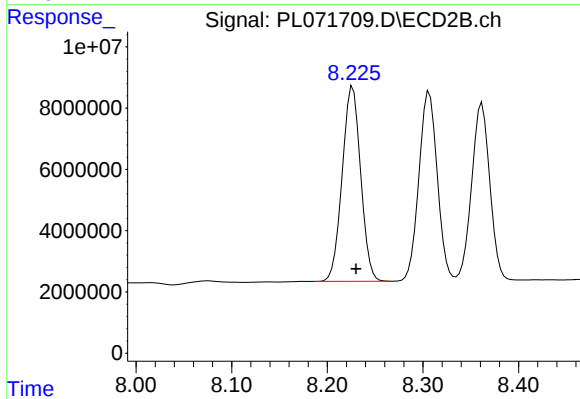
#9 Endosulfan I

R.T.: 8.362 min
Delta R.T.: -0.003 min
Response: 76857755
Conc: 45.13 ng/ml



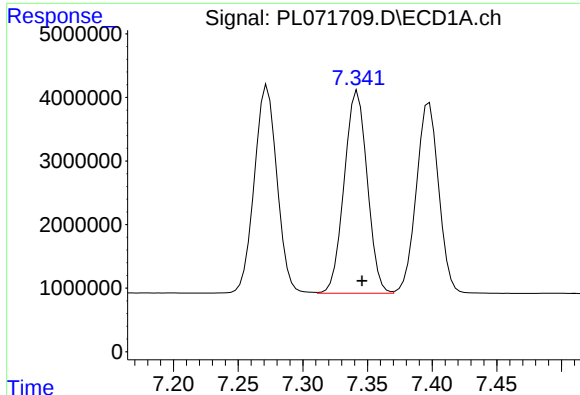
#10 gamma-Chlordane

R.T.: 7.273 min
Delta R.T.: -0.004 min
Response: 39735315
Conc: 46.39 ng/ml



#10 gamma-Chlordane

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 85746006
Conc: 43.96 ng/ml m



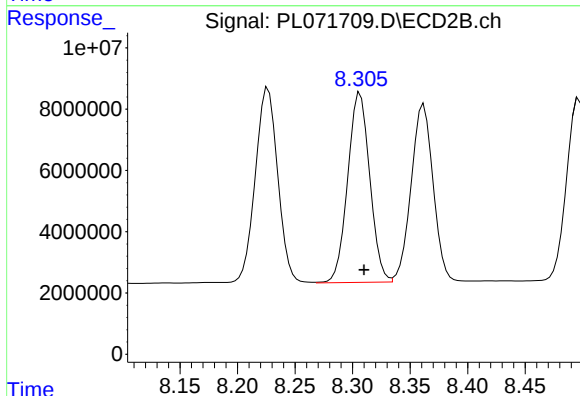
#11 alpha-Chlordane

R.T.: 7.342 min
Delta R.T.: -0.003 min
Response: 39350150
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

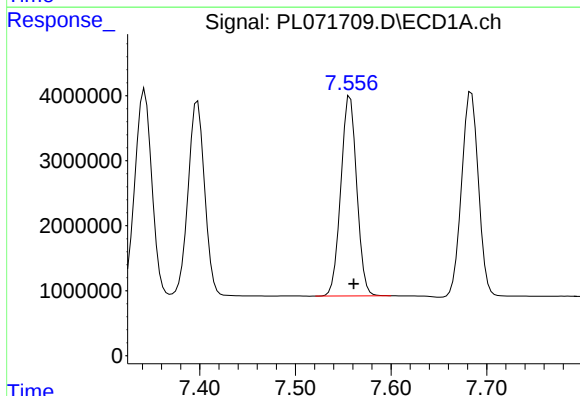
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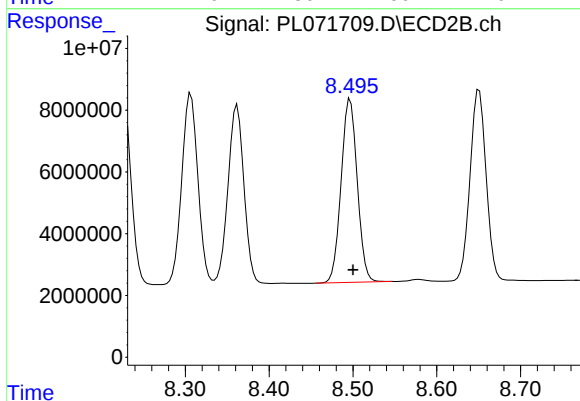
#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: -0.003 min
Response: 83107101
Conc: 44.59 ng/ml



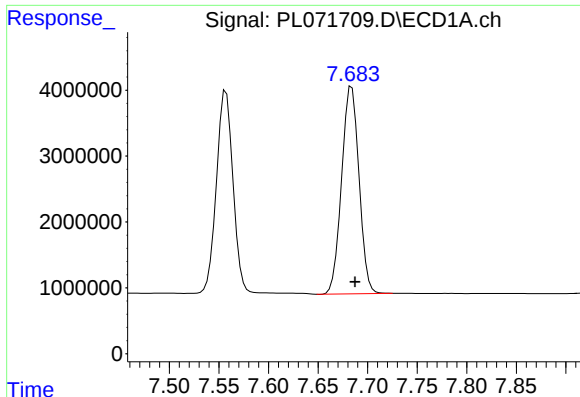
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: -0.004 min
Response: 35694420
Conc: 47.90 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 79584574
Conc: 44.97 ng/ml



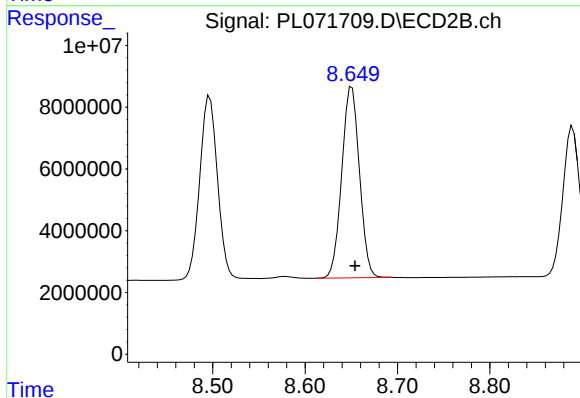
#13 Dieldrin

R.T.: 7.684 min
Delta R.T.: -0.004 min
Response: 38475696
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

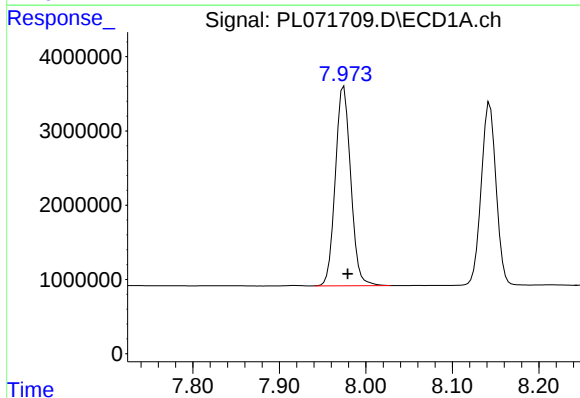
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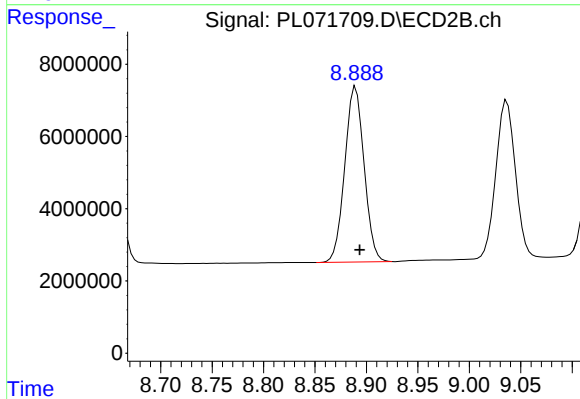
#13 Dieldrin

R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 82434919
Conc: 44.43 ng/ml



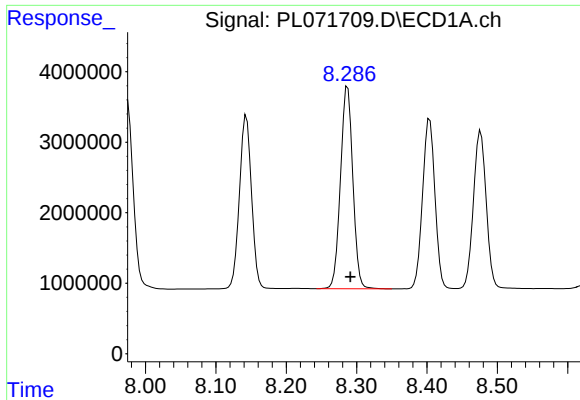
#14 Endrin

R.T.: 7.975 min
Delta R.T.: -0.004 min
Response: 33038703
Conc: 44.41 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.004 min
Response: 63515680
Conc: 42.15 ng/ml



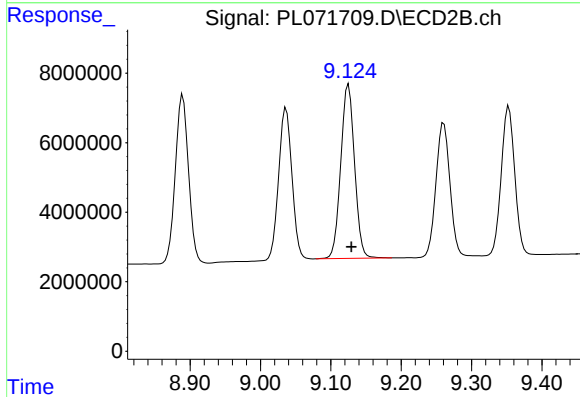
#15 Endosulfan II

R.T.: 8.287 min
Delta R.T.: -0.004 min
Response: 34993485
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

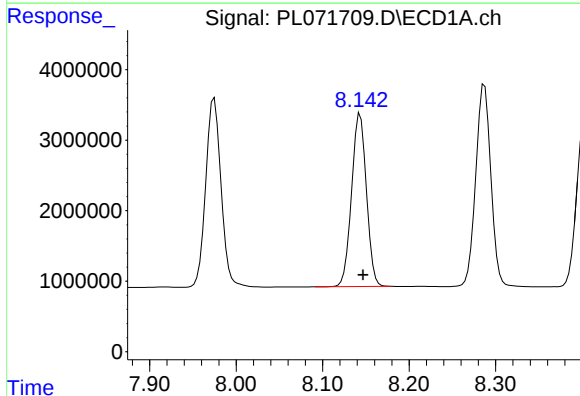
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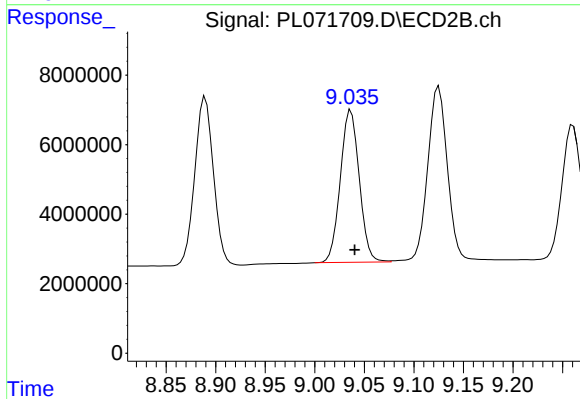
#15 Endosulfan II

R.T.: 9.124 min
Delta R.T.: -0.006 min
Response: 68289132
Conc: 45.93 ng/ml m



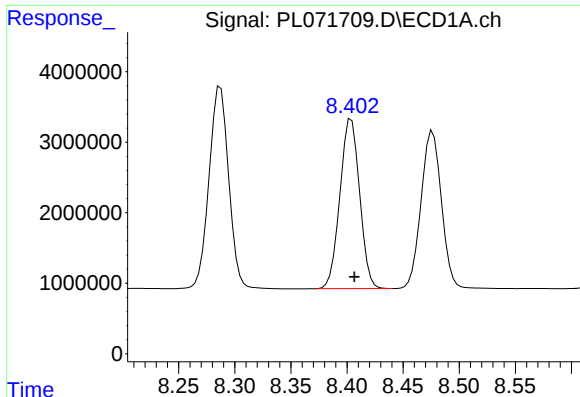
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 29205612
Conc: 49.22 ng/ml



#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: -0.005 min
Response: 58315593
Conc: 44.91 ng/ml m



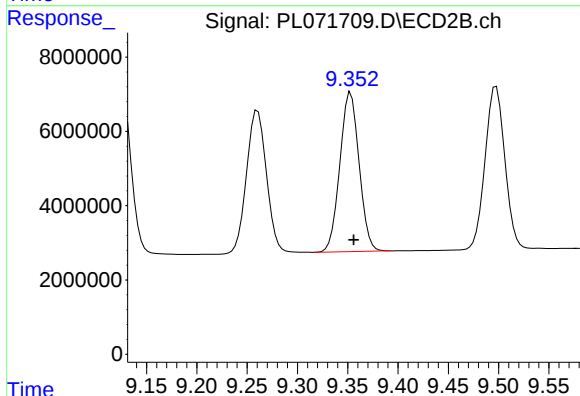
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: -0.003 min
Response: 29435293
Conc: 45.66 ng/ml

Instrument :
ECD_L
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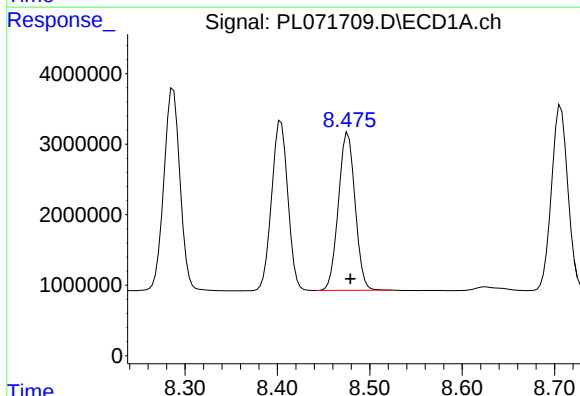
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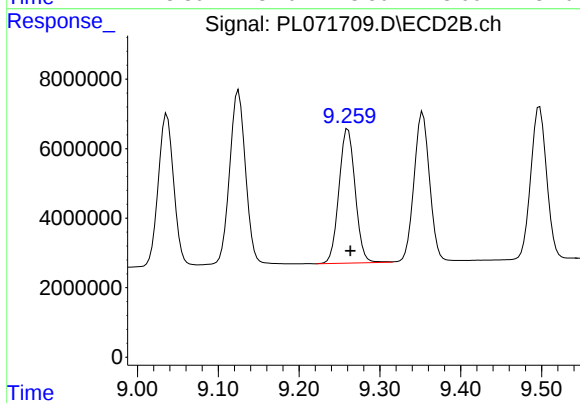
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: -0.005 min
Response: 56952213
Conc: 41.71 ng/ml m



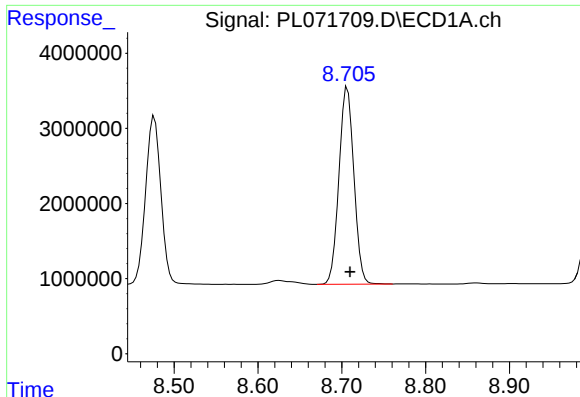
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: -0.003 min
Response: 28141473
Conc: 48.51 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.003 min
Response: 53731645
Conc: 46.47 ng/ml



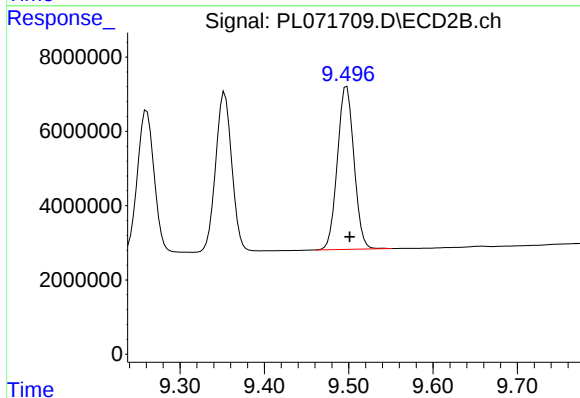
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: -0.003 min
Response: 32473737
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

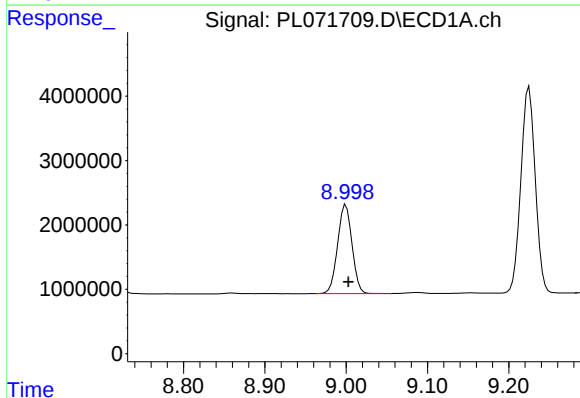
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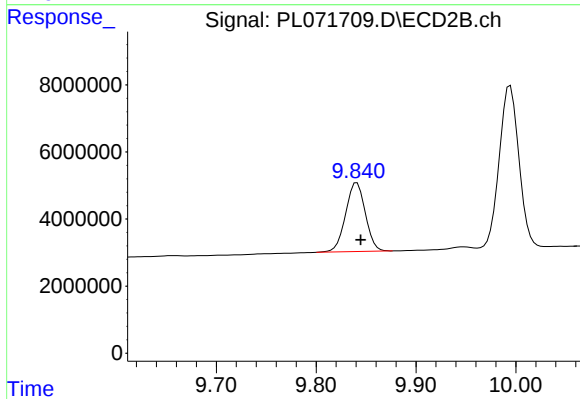
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 59974787
Conc: 42.62 ng/ml



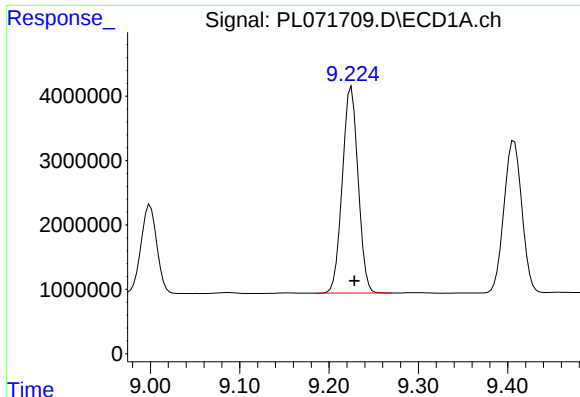
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: -0.003 min
Response: 16992014
Conc: 45.60 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.004 min
Response: 28209318
Conc: 43.40 ng/ml



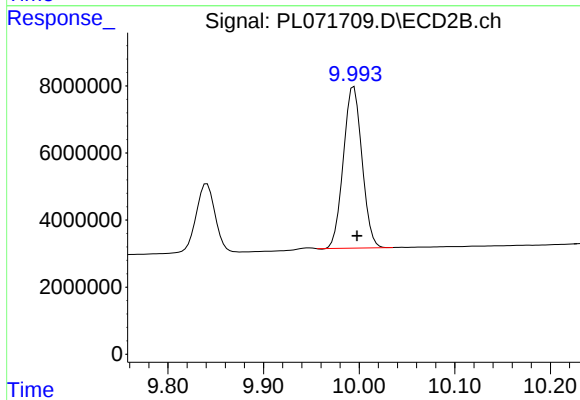
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: -0.003 min
Response: 39260587
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

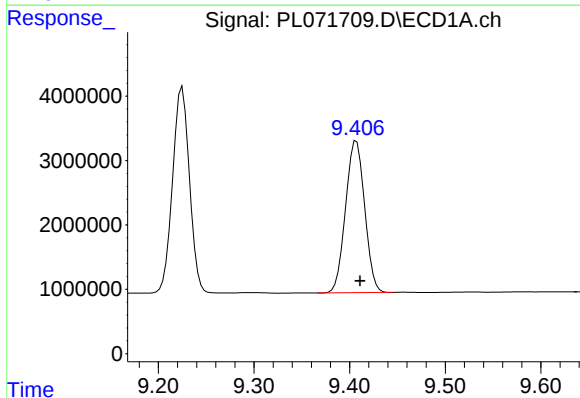
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 12/29/2021
Supervised By :mohammad ahmed 12/29/2021



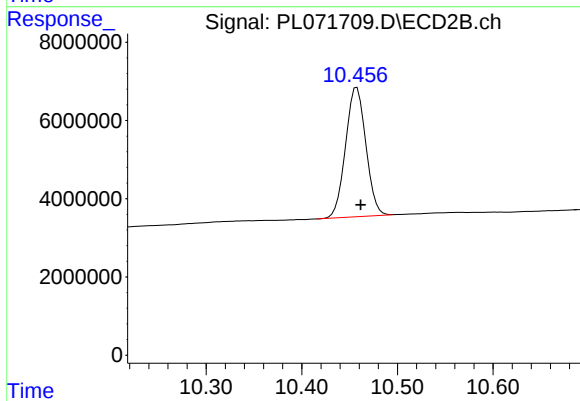
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: -0.003 min
Response: 65301459
Conc: 48.08 ng/ml



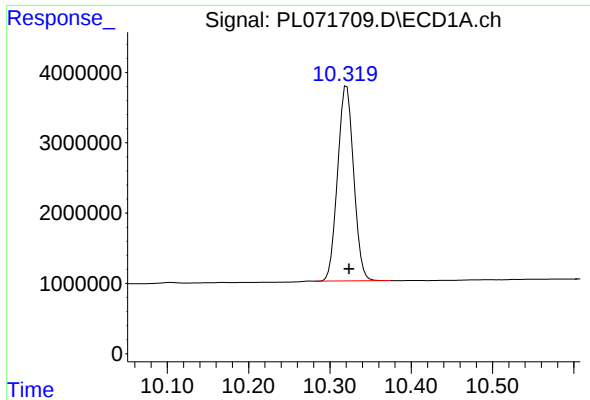
#22 Mirex

R.T.: 9.407 min
Delta R.T.: -0.004 min
Response: 32845351
Conc: 45.45 ng/ml



#22 Mirex

R.T.: 10.458 min
Delta R.T.: -0.004 min
Response: 49042964
Conc: 45.13 ng/ml



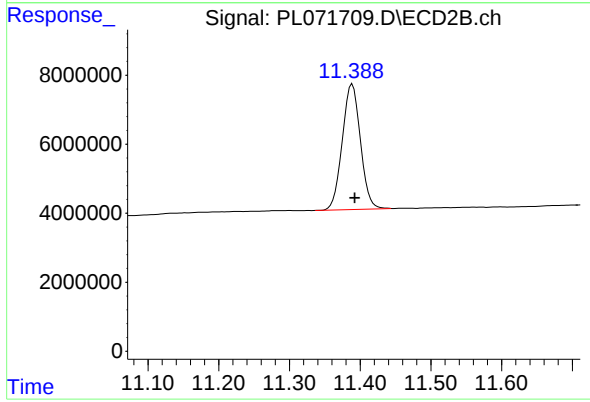
#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: -0.003 min
Response: 38014979
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.003 min
Response: 64910880
Conc: 51.79 ng/ml