

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120121\
 Data File : PL071232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 14:17
 Operator : AR\AJ
 Sample : M4855-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LS-RO-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/02/2021
 Supervised By : Ankita Jodhani 12/02/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 23:38:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 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...	4.565	5.500	9994650	28603723	21.279	22.793
28)	SA Decachlor...	10.326	11.389	13211687	25661213	18.246	18.461
Target Compounds							
2)	A alpha-BHC	5.271	6.080	30807601	91478896	47.126	49.411
3)	MA gamma-BHC...	5.694	6.476	31376436	86782304	49.133	49.302
4)	MA Heptachlor	6.101	7.122	33199705	88042107	47.888	48.002
5)	MB Aldrin	6.425	7.491	32261558	87161126	51.993	51.678m
6)	B beta-BHC	6.076	6.733	13930830	39773110	46.016	45.192
7)	B delta-BHC	6.335	6.998	19389496	55542777	30.378	32.667
8)	B Heptachlo...	7.002	7.959	30628401	75138861	49.141	47.297
9)	A Endosulfan I	7.404	8.364	28772183	70412960	48.381	46.598
10)	B gamma-Chl...	7.279	8.228	31977777	77846629	50.362	48.688
11)	B alpha-Chl...	7.348	8.309	31724424	76645917	49.569	48.229
12)	B 4,4'-DDE	7.564	8.498	28218895	69019376	49.870	44.831
13)	MA Dieldrin	7.690	8.653	30854915	76881226	51.023	49.487
14)	MA Endrin	7.981	8.891	28680016	66790420	50.711	49.775
15)	B Endosulfa...	8.292	9.127	28886522	67062335	49.473	49.774
16)	A 4,4'-DDD	8.149	9.038	24630729	63179756	49.155	54.459
17)	MA 4,4'-DDT	8.409	9.354	24238476	59012941	44.311	42.427
18)	B Endrin al...	8.481	9.261	23733927	53039341	51.818	51.338
19)	B Endosulfa...	8.712	9.498	27028873	56686138	44.466	43.374
20)	A Methoxychlor	9.005	9.841	16851231	32133596	46.641	44.318
21)	B Endrin ke...	9.230	9.995	32610930	68193948	45.759	46.569
22)	Mirex	9.413	10.459	29632832	54480322	47.985	49.949

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120121\
 Data File : PL071232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 14:17
 Operator : AR\AJ
 Sample : M4855-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

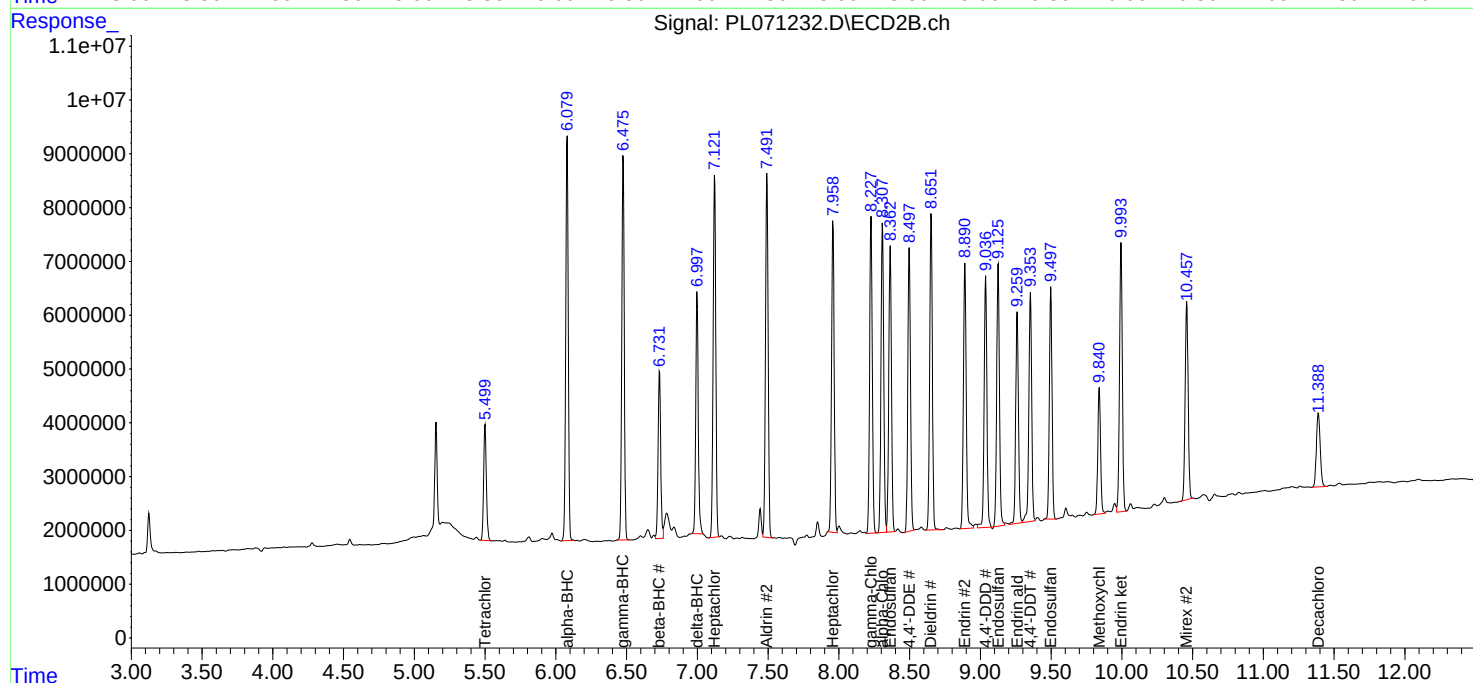
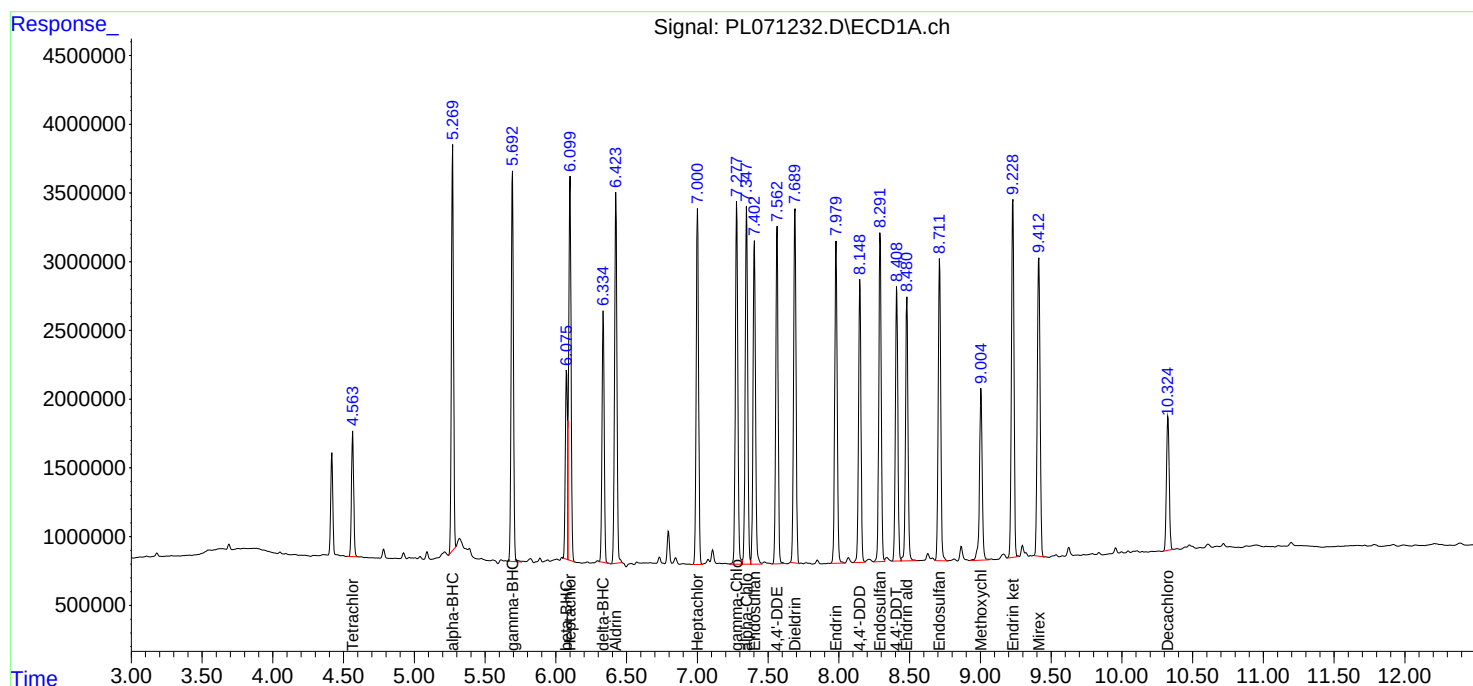
Instrument :
 ECD_L
 ClientSampleId :
 LS-RO-COMPMSD

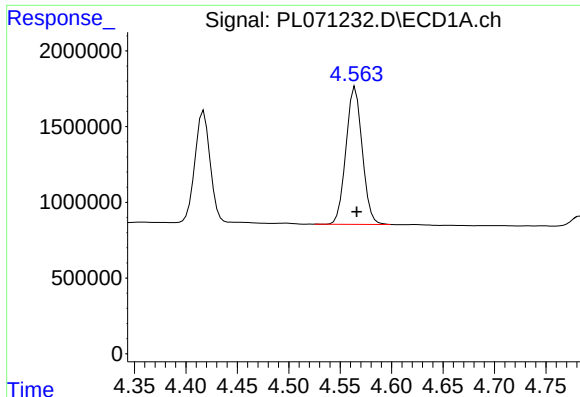
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2021
 Supervised By :Ankita Jodhani 12/02/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 23:38:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 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





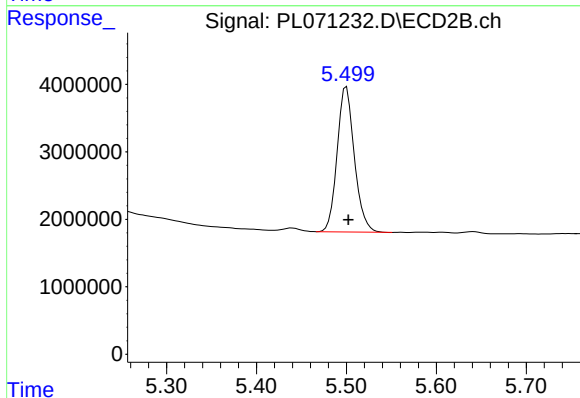
#1 Tetrachloro-m-xylene

R.T.: 4.565 min
Delta R.T.: -0.001 min
Response: 9994650
Conc: 21.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMDS

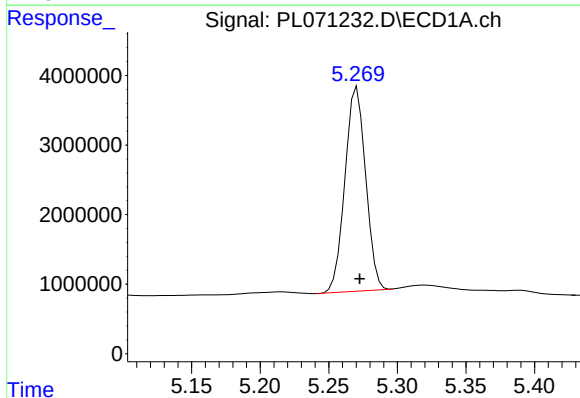
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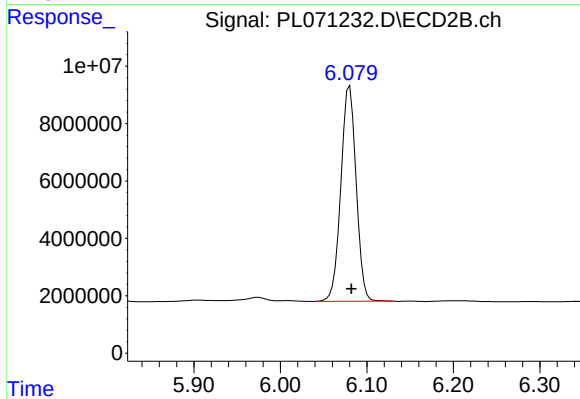
#1 Tetrachloro-m-xylene

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 28603723
Conc: 22.79 ng/ml



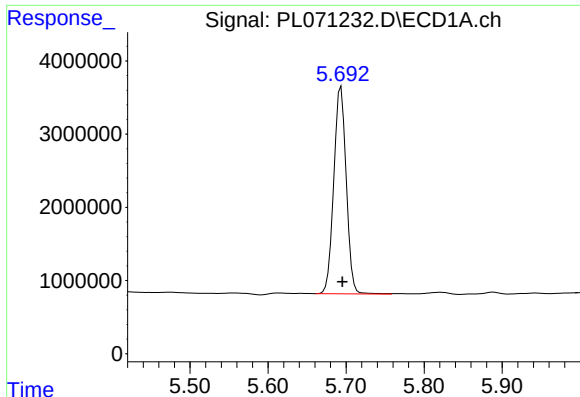
#2 alpha-BHC

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 30807601
Conc: 47.13 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 91478896
Conc: 49.41 ng/ml



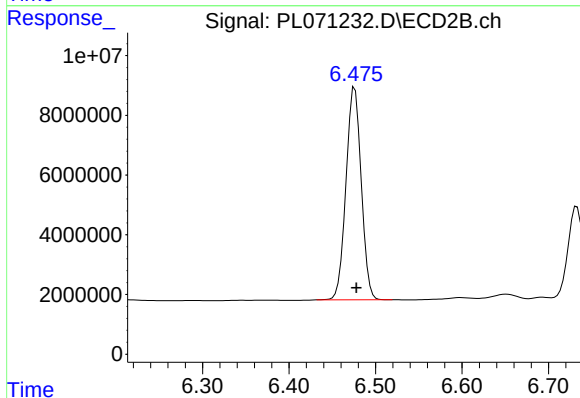
#3 gamma-BHC (Lindane)

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 31376436
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMSD

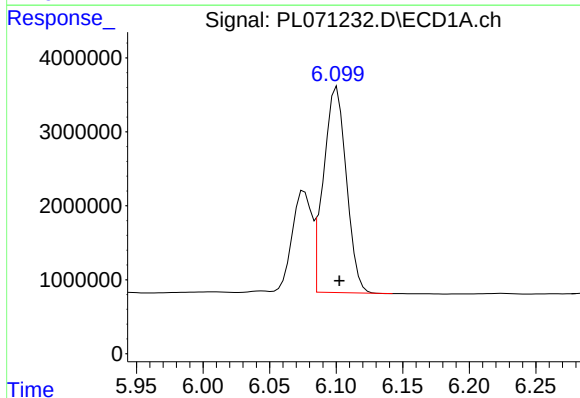
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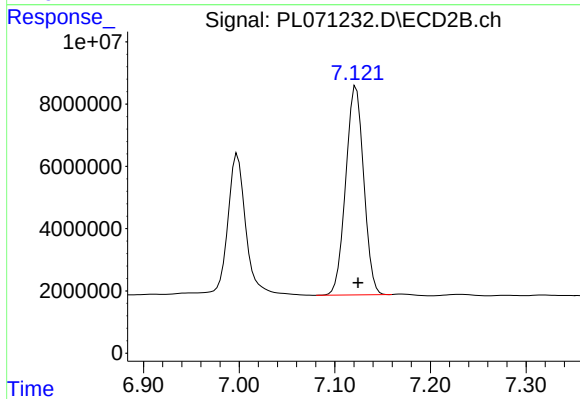
#3 gamma-BHC (Lindane)

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 86782304
Conc: 49.30 ng/ml



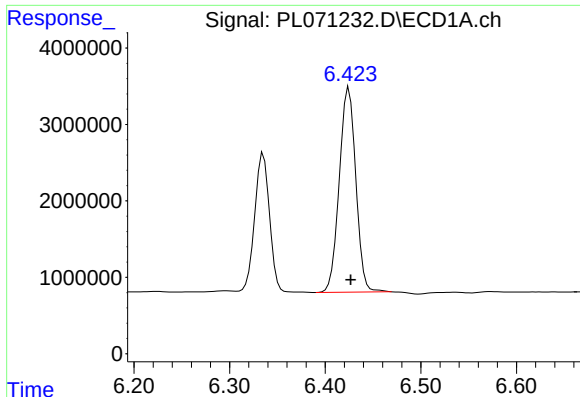
#4 Heptachlor

R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 33199705
Conc: 47.89 ng/ml



#4 Heptachlor

R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 88042107
Conc: 48.00 ng/ml



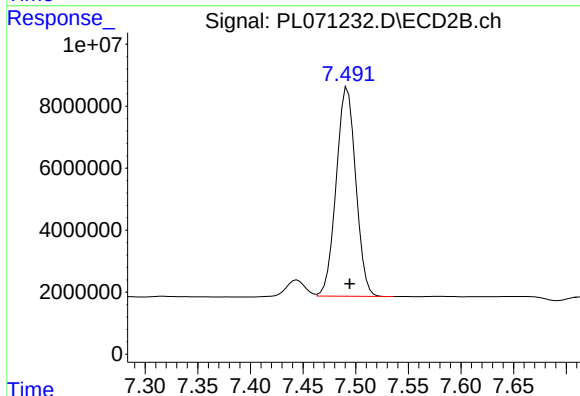
#5 Aldrin

R.T.: 6.425 min
Delta R.T.: -0.002 min
Response: 32261558
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMSD

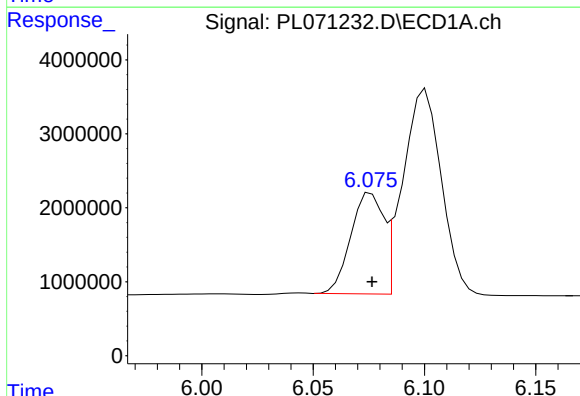
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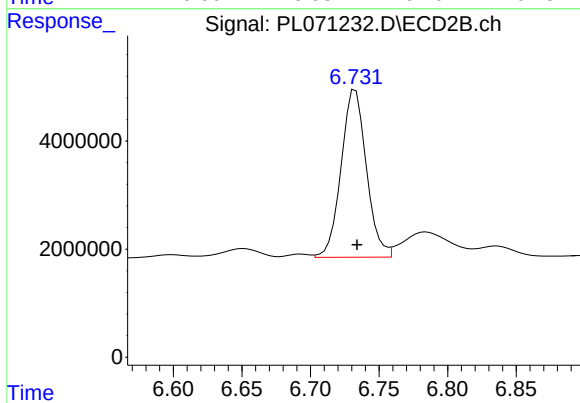
#5 Aldrin

R.T.: 7.491 min
Delta R.T.: -0.004 min
Response: 87161126
Conc: 51.68 ng/ml m



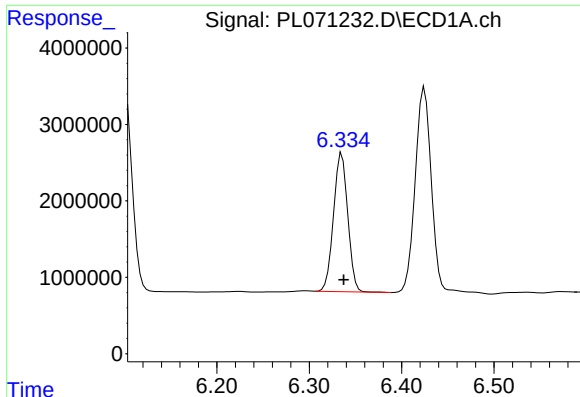
#6 beta-BHC

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 13930830
Conc: 46.02 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 39773110
Conc: 45.19 ng/ml



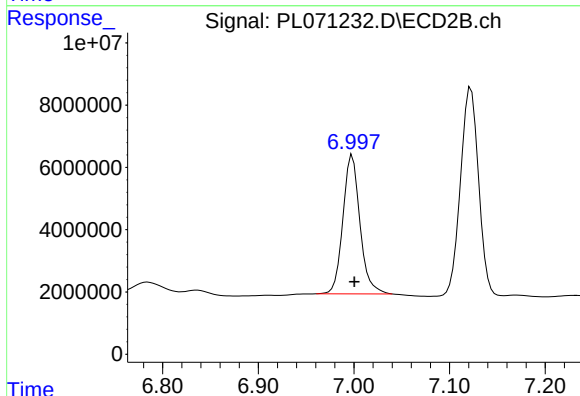
#7 delta-BHC

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 19389496
Conc: 30.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMSSD

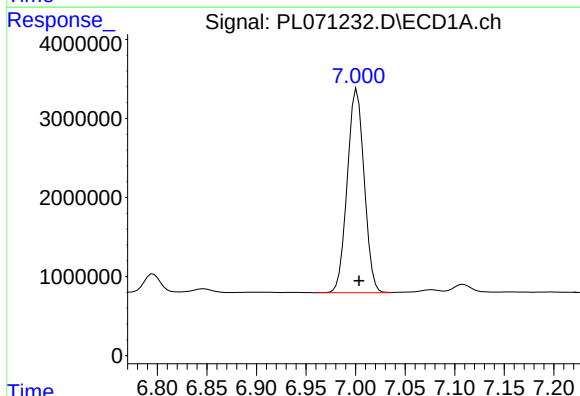
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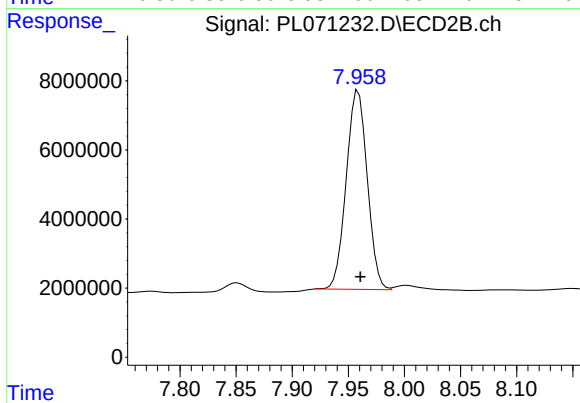
#7 delta-BHC

R.T.: 6.998 min
Delta R.T.: -0.002 min
Response: 55542777
Conc: 32.67 ng/ml



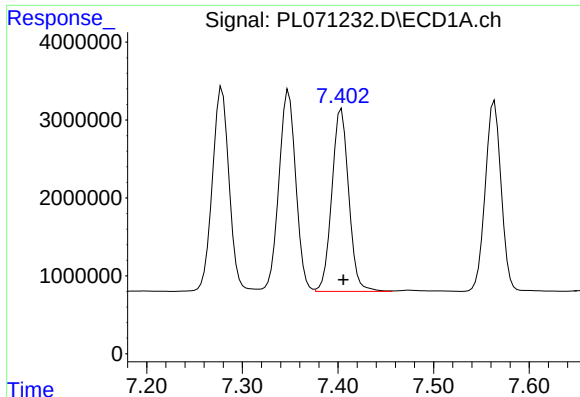
#8 Heptachlor epoxide

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 30628401
Conc: 49.14 ng/ml



#8 Heptachlor epoxide

R.T.: 7.959 min
Delta R.T.: -0.002 min
Response: 75138861
Conc: 47.30 ng/ml



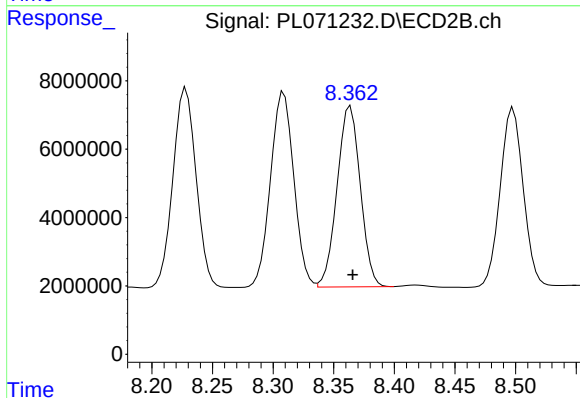
#9 Endosulfan I

R.T.: 7.404 min
Delta R.T.: -0.002 min
Response: 28772183
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMSD

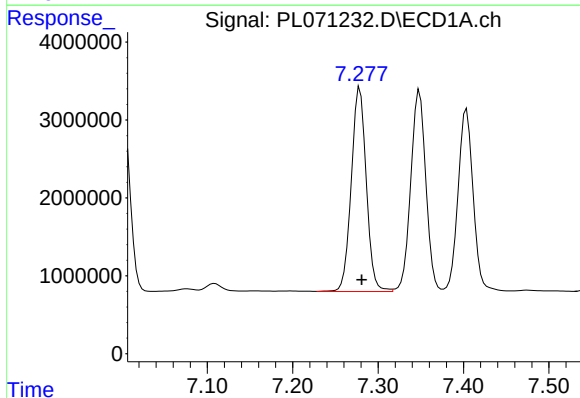
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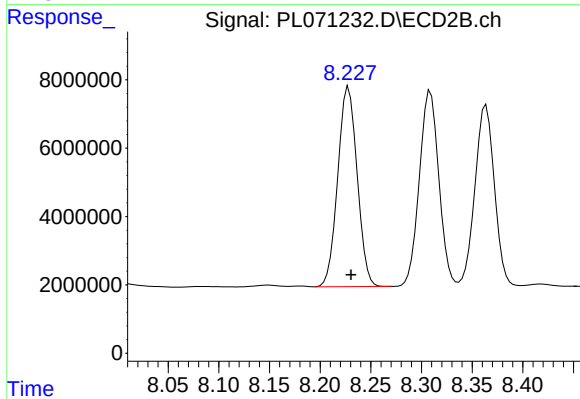
#9 Endosulfan I

R.T.: 8.364 min
Delta R.T.: -0.002 min
Response: 70412960
Conc: 46.60 ng/ml



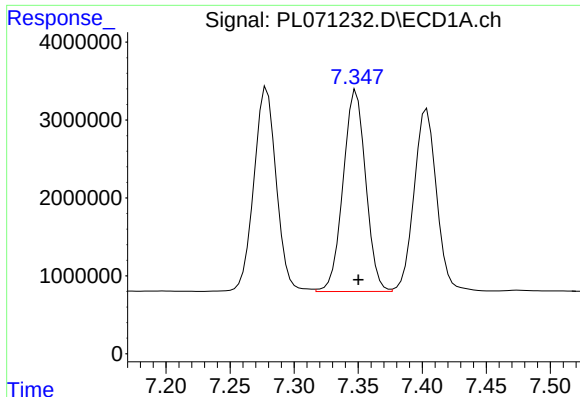
#10 gamma-Chlordane

R.T.: 7.279 min
Delta R.T.: -0.002 min
Response: 31977777
Conc: 50.36 ng/ml



#10 gamma-Chlordane

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 77846629
Conc: 48.69 ng/ml



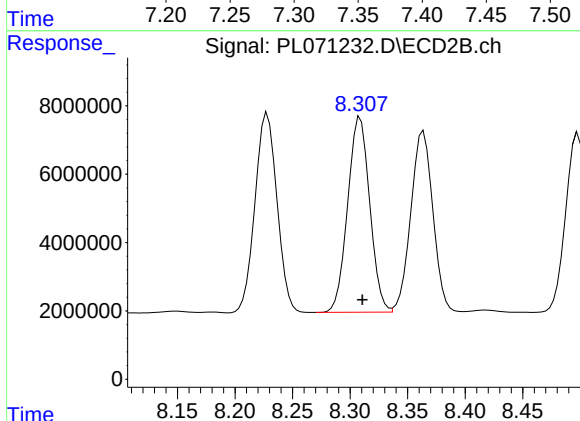
#11 alpha-Chlordane

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 31724424
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMSD

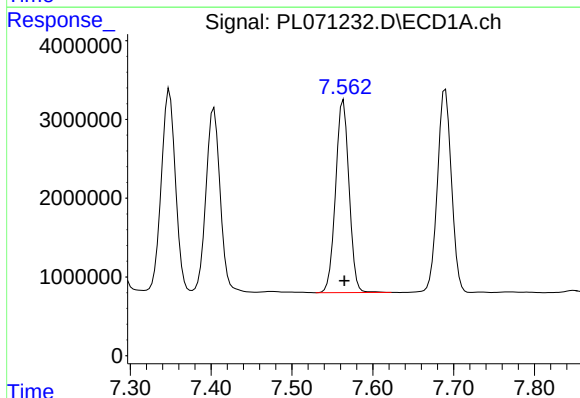
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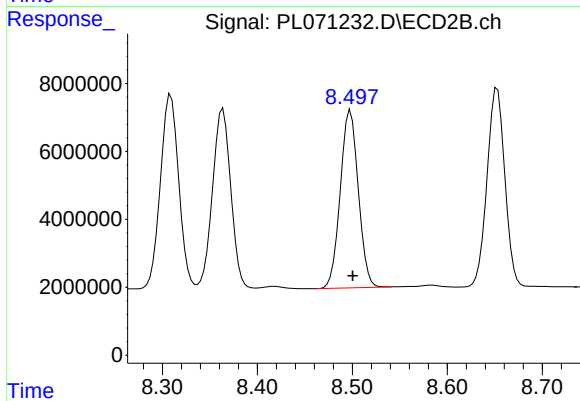
#11 alpha-Chlordane

R.T.: 8.309 min
Delta R.T.: -0.002 min
Response: 76645917
Conc: 48.23 ng/ml



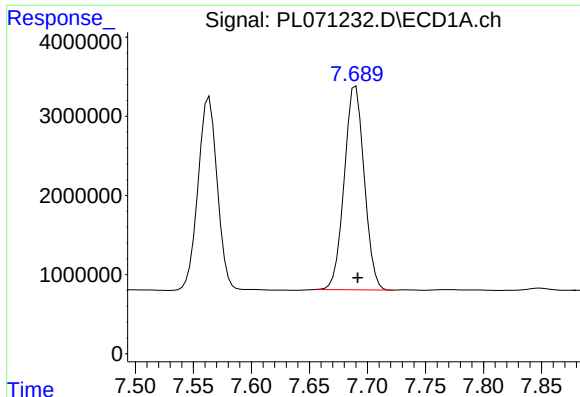
#12 4,4'-DDE

R.T.: 7.564 min
Delta R.T.: -0.001 min
Response: 28218895
Conc: 49.87 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 69019376
Conc: 44.83 ng/ml



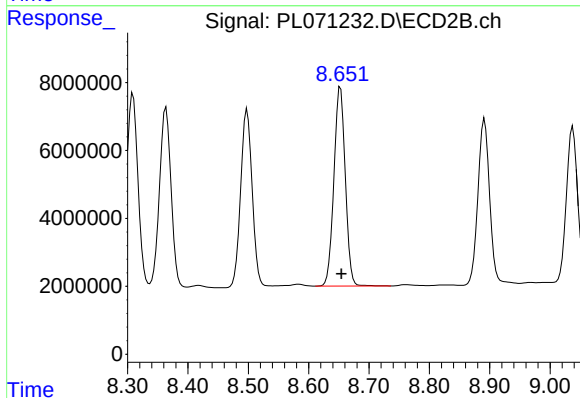
#13 Dieldrin

R.T.: 7.690 min
Delta R.T.: -0.002 min
Response: 30854915
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMSD

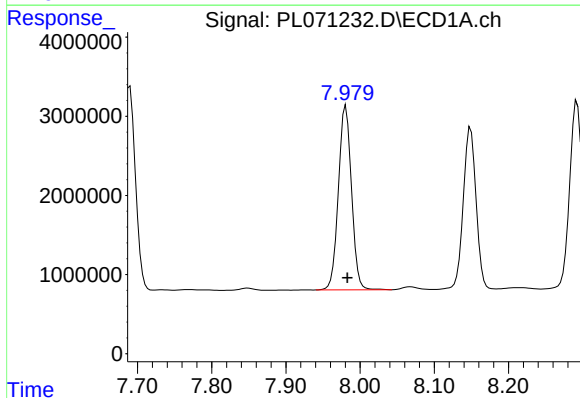
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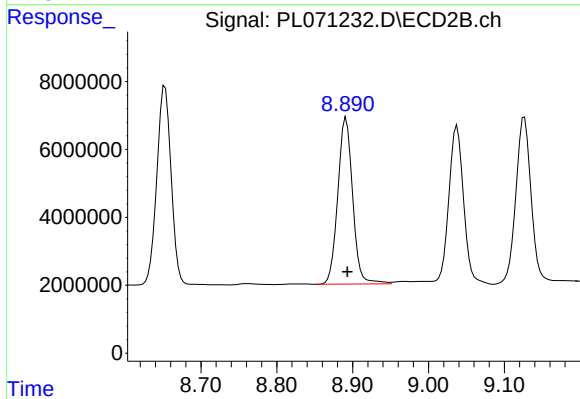
#13 Dieldrin

R.T.: 8.653 min
Delta R.T.: -0.002 min
Response: 76881226
Conc: 49.49 ng/ml



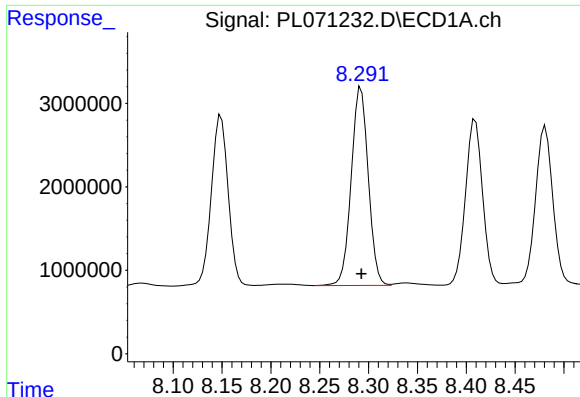
#14 Endrin

R.T.: 7.981 min
Delta R.T.: -0.002 min
Response: 28680016
Conc: 50.71 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: -0.002 min
Response: 66790420
Conc: 49.77 ng/ml



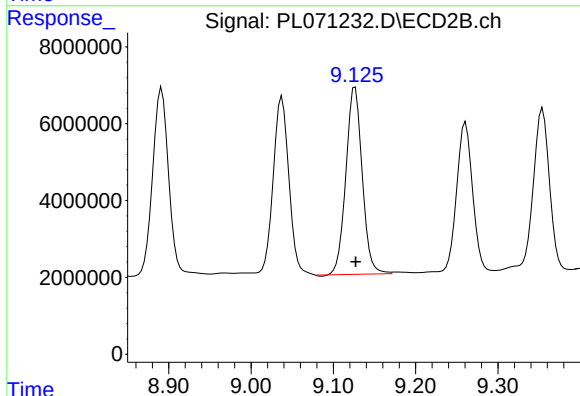
#15 Endosulfan II

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 28886522
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMSD

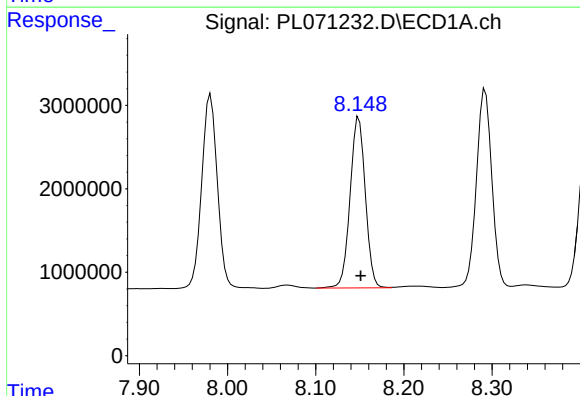
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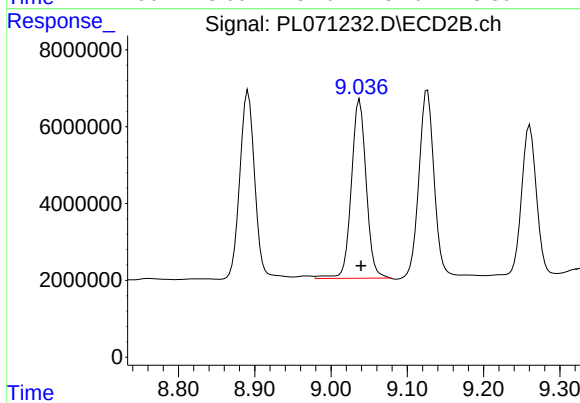
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 67062335
Conc: 49.77 ng/ml



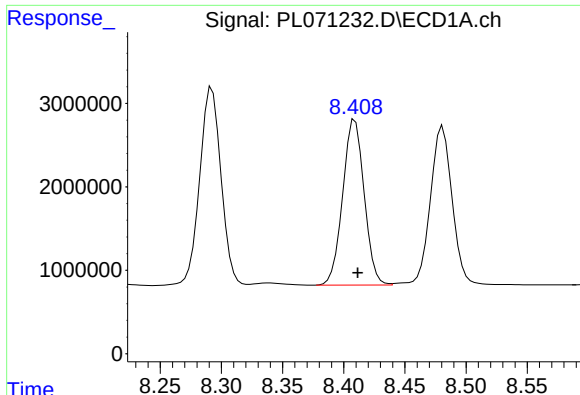
#16 4,4'-DDD

R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 24630729
Conc: 49.16 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 63179756
Conc: 54.46 ng/ml



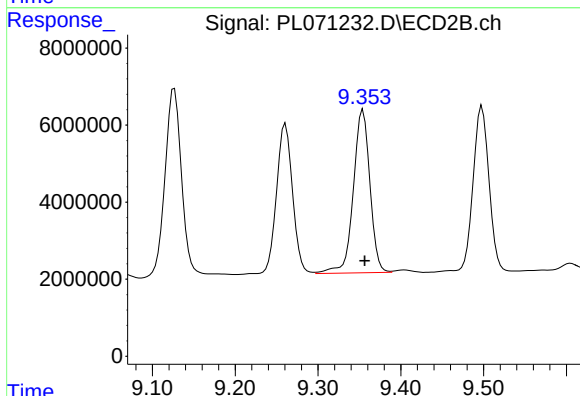
#17 4,4'-DDT

R.T.: 8.409 min
Delta R.T.: -0.002 min
Response: 24238476
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMSD

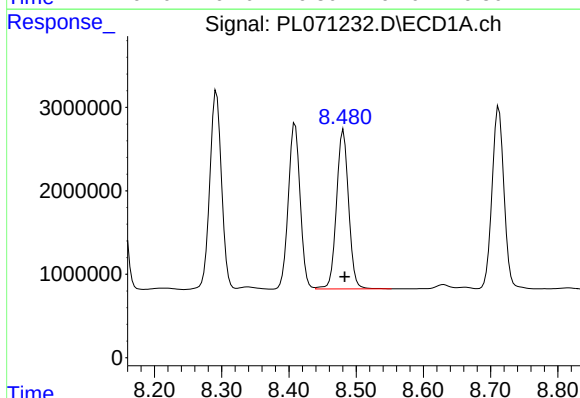
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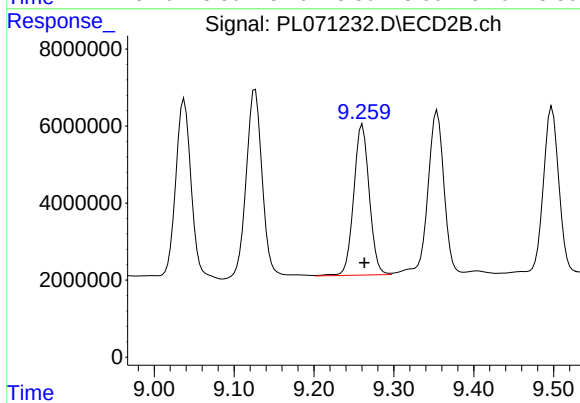
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: -0.002 min
Response: 59012941
Conc: 42.43 ng/ml



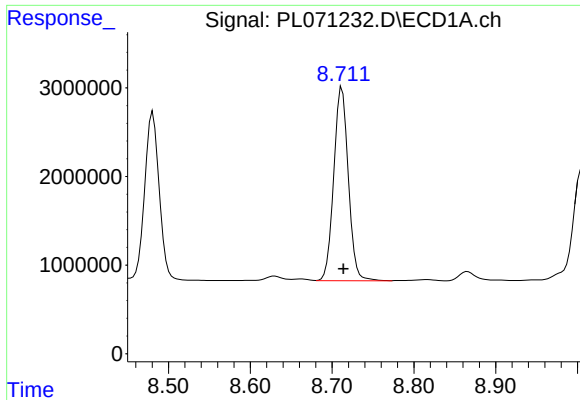
#18 Endrin aldehyde

R.T.: 8.481 min
Delta R.T.: -0.002 min
Response: 23733927
Conc: 51.82 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.002 min
Response: 53039341
Conc: 51.34 ng/ml



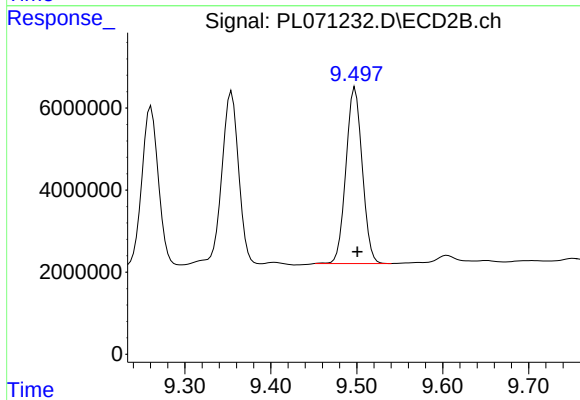
#19 Endosulfan Sulfate

R.T.: 8.712 min
Delta R.T.: -0.002 min
Response: 27028873
Conc: 44.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMSD

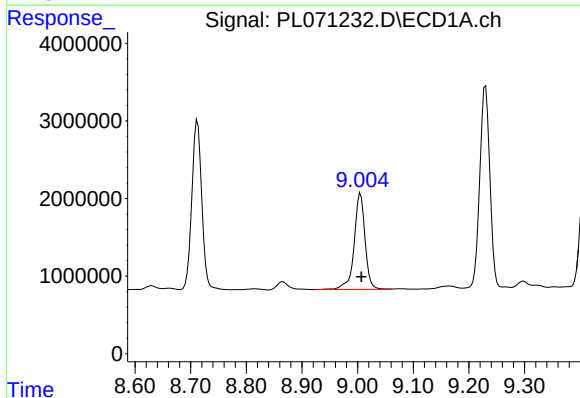
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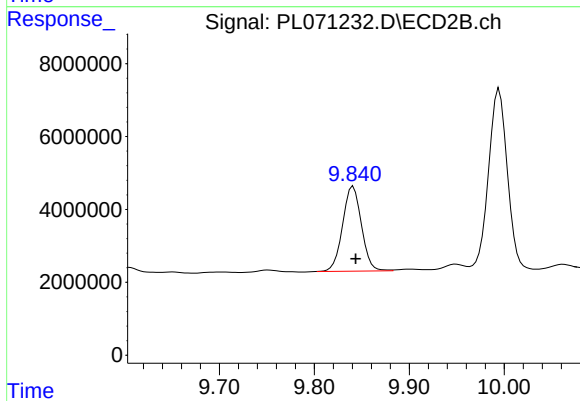
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 56686138
Conc: 43.37 ng/ml



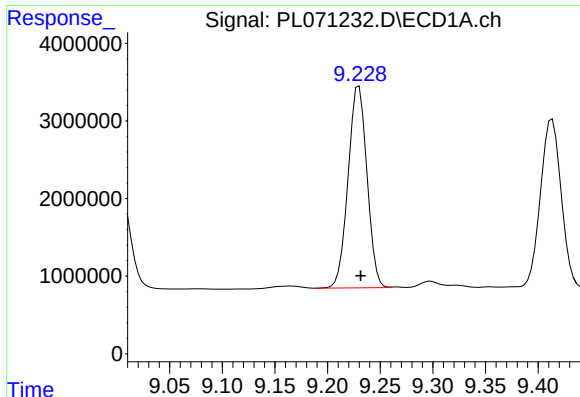
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: -0.002 min
Response: 16851231
Conc: 46.64 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.003 min
Response: 32133596
Conc: 44.32 ng/ml



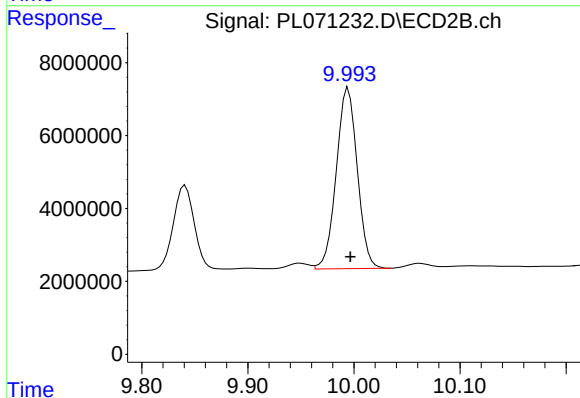
#21 Endrin ketone

R.T.: 9.230 min
Delta R.T.: -0.001 min
Response: 32610930
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMDS

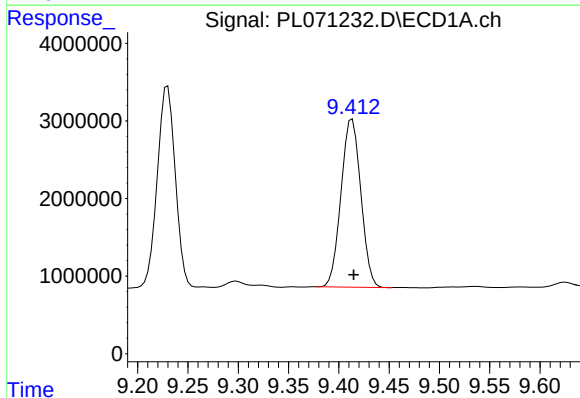
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Supervised By :Ankita Jodhani 12/02/2021



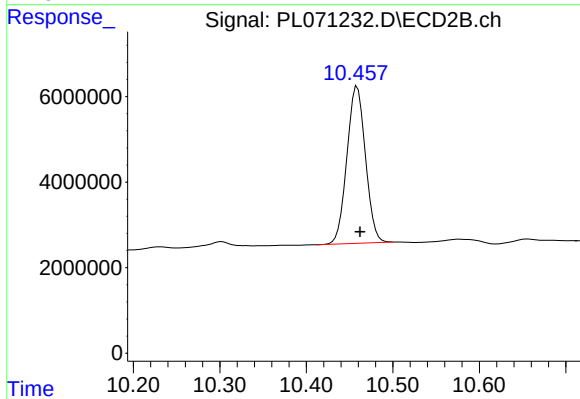
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 68193948
Conc: 46.57 ng/ml



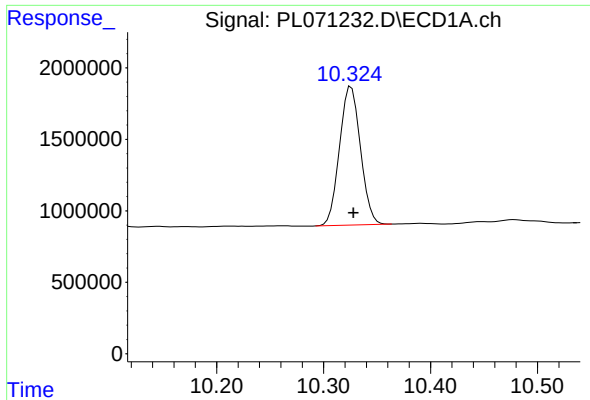
#22 Mirex

R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 29632832
Conc: 47.98 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: -0.003 min
Response: 54480322
Conc: 49.95 ng/ml



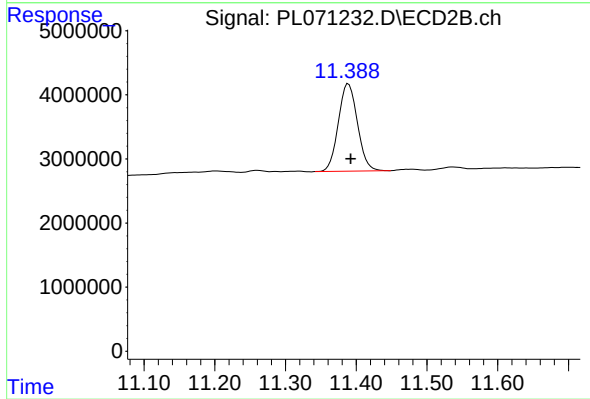
#28 Decachlorobiphenyl

R.T.: 10.326 min
Delta R.T.: -0.002 min
Response: 13211687
Conc: 18.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LS-RO-COMPMDS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2021
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#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.003 min
Response: 25661213
Conc: 18.46 ng/ml