

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090321\
 Data File : PL069704.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2021 11:43
 Operator : AR\AJ
 Sample : M3624-01MSD 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-01-090121MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 14:19:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:49:30 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...	4.632	5.570	1438242	4720503	4.620m	3.752
28)	SA Decachlor...	10.402	11.496	2485445	4196989	4.214	3.719
Target Compounds							
2)	A alpha-BHC	5.340	6.150	2481506	8631244	5.964	4.953
3)	MA gamma-BHC...	5.763	6.547	2478563	8381909	5.669	5.160
4)	MA Heptachlor	6.174	7.197	3124798	7231544	6.393	4.541 #
5)	MB Aldrin	6.499	7.568	2576348	7252070	5.674	4.941
6)	B beta-BHC	6.143	6.801	1642955	4205638	6.846m	4.840 #
7)	B delta-BHC	6.405	7.069	2350512	6656100	5.122	4.160
8)	B Heptachlo...	7.075	8.034	2831687	6750186	5.858	4.996
9)	A Endosulfan I	7.478	8.440	2834903	6645227	5.996	5.169
10)	B gamma-Chl...	7.353	8.304	3071176	7673862	5.987	5.525
11)	B alpha-Chl...	7.423	8.385	3222975	7315274	6.202	5.346
12)	B 4,4'-DDE	7.636	8.572	2373840	6629958	5.267	5.005
13)	MA Dieldrin	7.765	8.730	2818771	6781472	5.700	5.134
14)	MA Endrin	8.056	8.970	2866821	6153053	6.008	5.521
15)	B Endosulfa...	8.366	9.203	3071501	6083195	6.246	5.345
16)	A 4,4'-DDD	8.221	9.112	2204132	5917056	5.460	5.440
17)	MA 4,4'-DDT	8.482	9.430	2149029	4799896	4.624	4.404
18)	B Endrin al...	8.555	9.338	2499923	5341482	5.843	5.499
19)	B Endosulfa...	8.785	9.576	3028689	5829897	5.724	5.281
20)	A Methoxychlor	9.077	9.915	1667684	2928635	5.411	5.063
21)	B Endrin ke...	9.305	10.074	3295446	6006853	5.489	5.057
22)	Mirex	9.492	10.540	3365386	5051194	6.191	5.629m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090321\
 Data File : PL069704.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2021 11:43
 Operator : AR\AJ
 Sample : M3624-01MSD 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

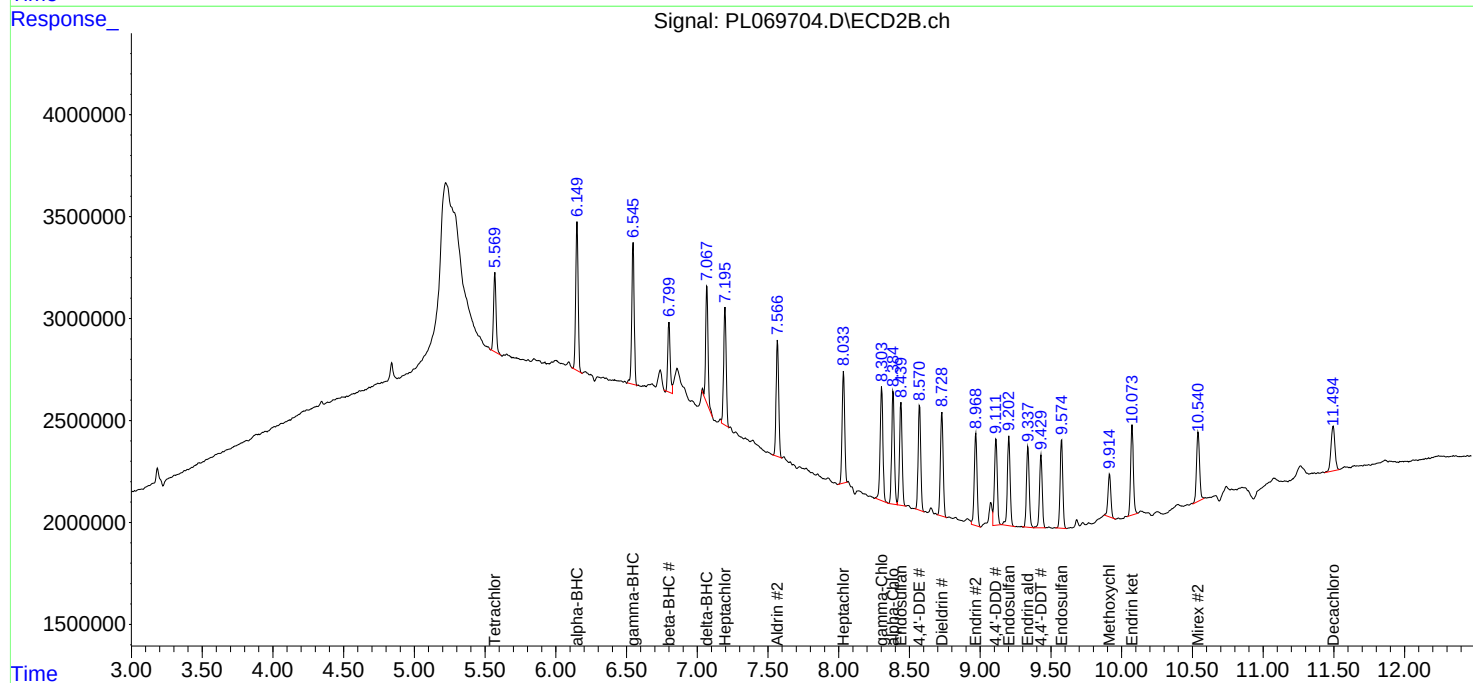
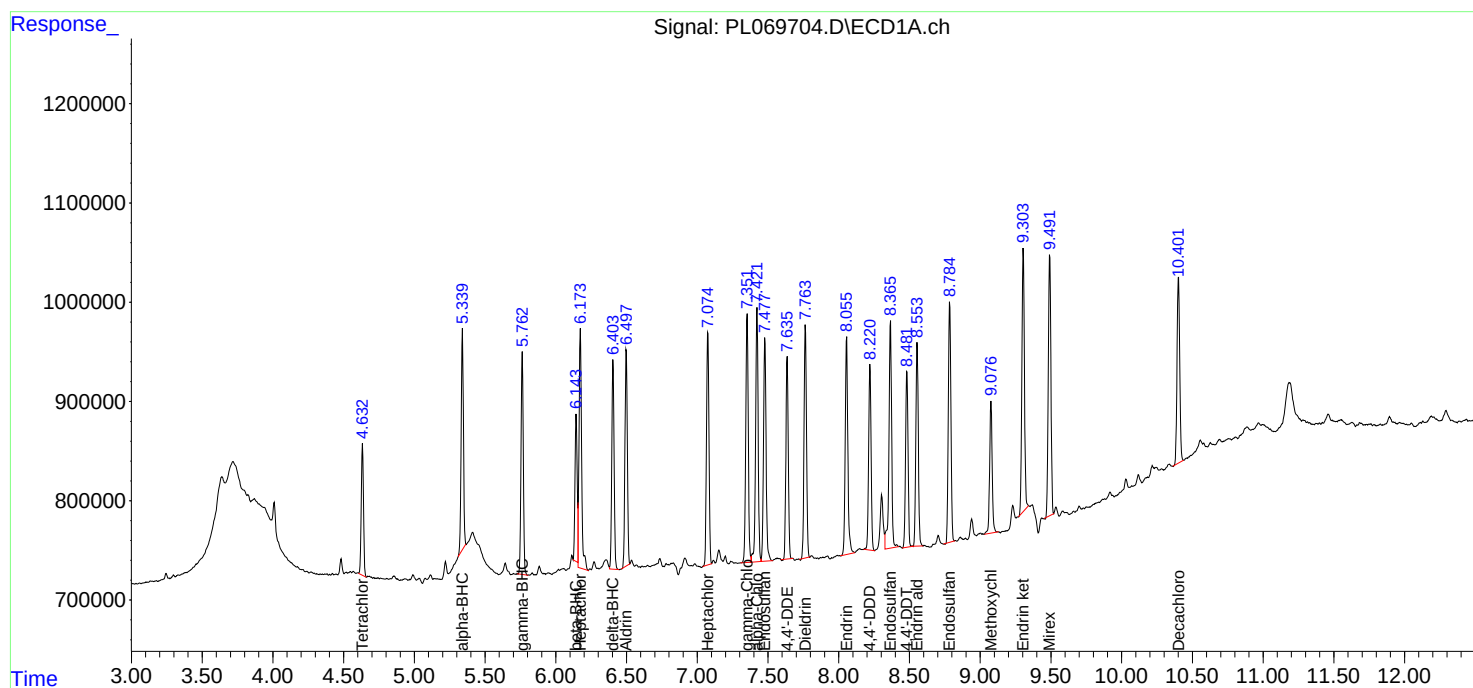
Instrument :
 ECD_L
 ClientSampleID :
 HD-01-090121MSD

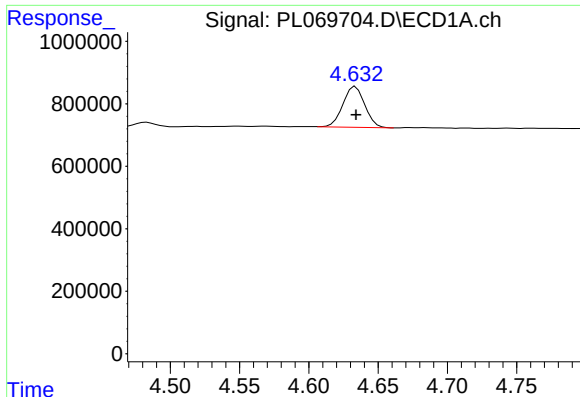
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 14:19:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL083021.M
 Quant Title : GC Extractables
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Volume 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





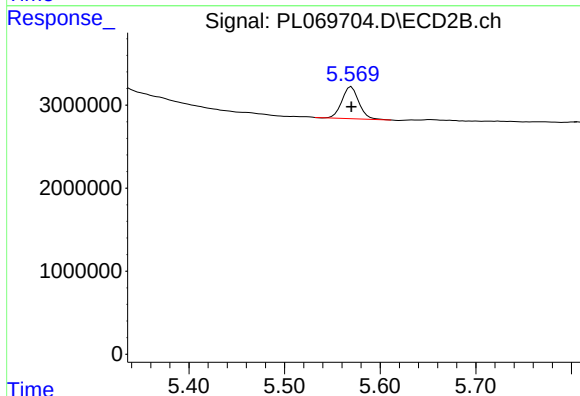
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 1438242
Conc: 4.62 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HD-01-090121MSD

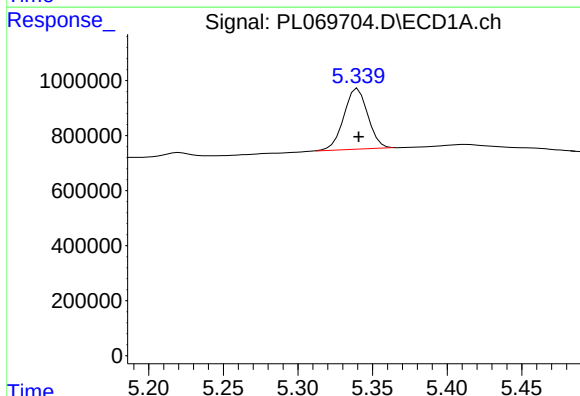
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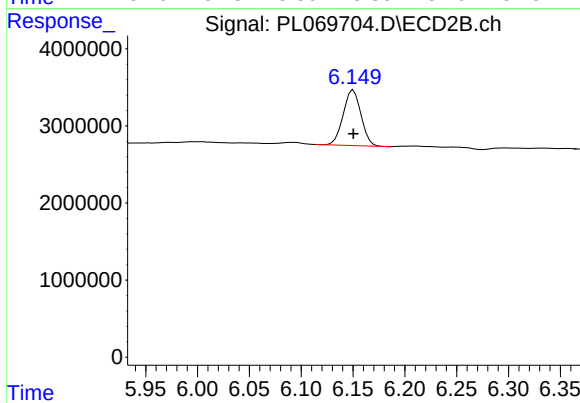
#1 Tetrachloro-m-xylene

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 4720503
Conc: 3.75 ng/ml



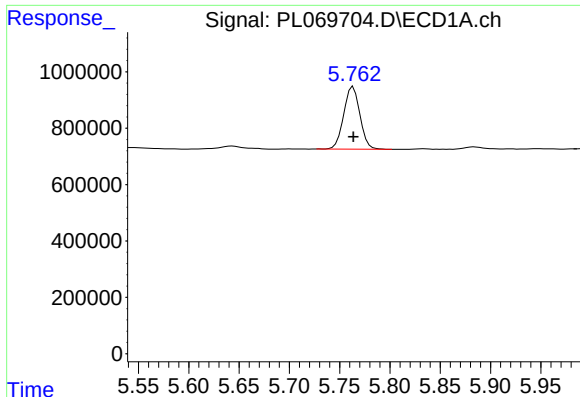
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 2481506
Conc: 5.96 ng/ml



#2 alpha-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 8631244
Conc: 4.95 ng/ml



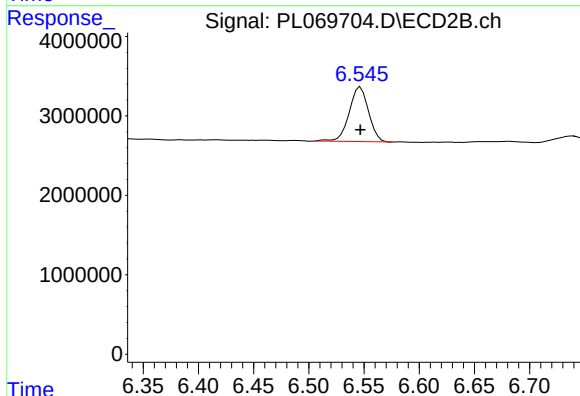
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 2478563
Conc: 5.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-090121MSD

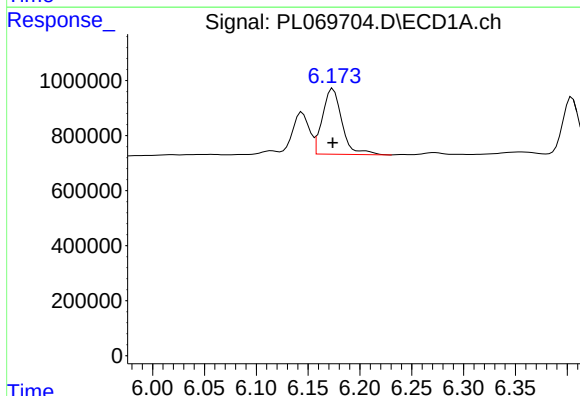
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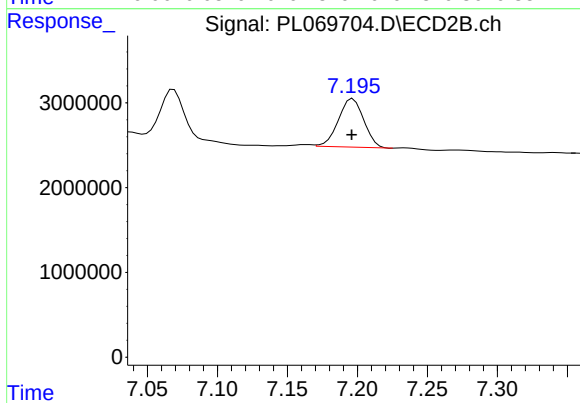
#3 gamma-BHC (Lindane)

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 8381909
Conc: 5.16 ng/ml



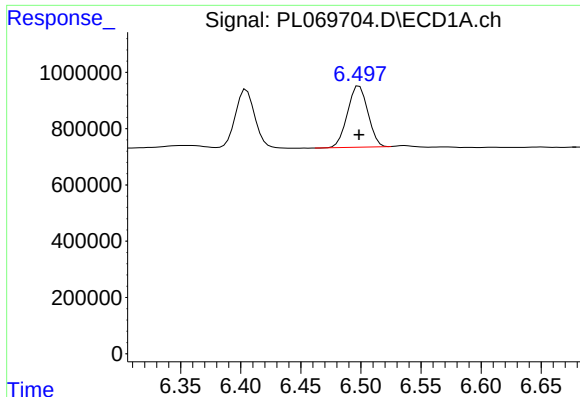
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 3124798
Conc: 6.39 ng/ml



#4 Heptachlor

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 7231544
Conc: 4.54 ng/ml



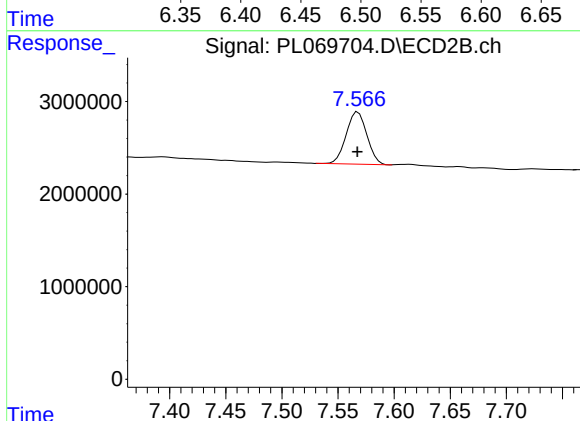
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 2576348
Conc: 5.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-090121MSD

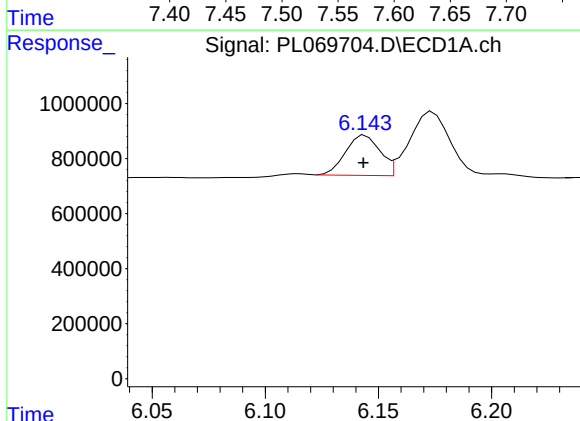
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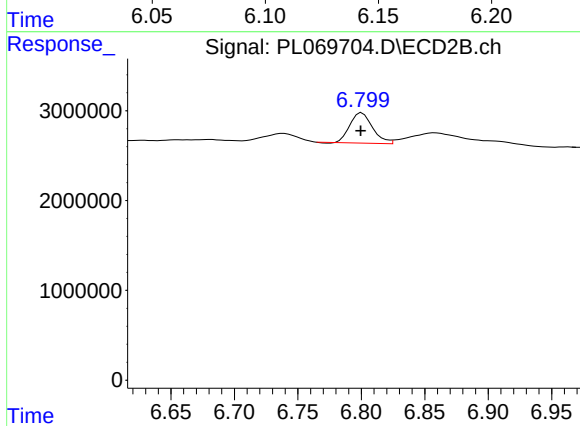
#5 Aldrin

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 7252070
Conc: 4.94 ng/ml



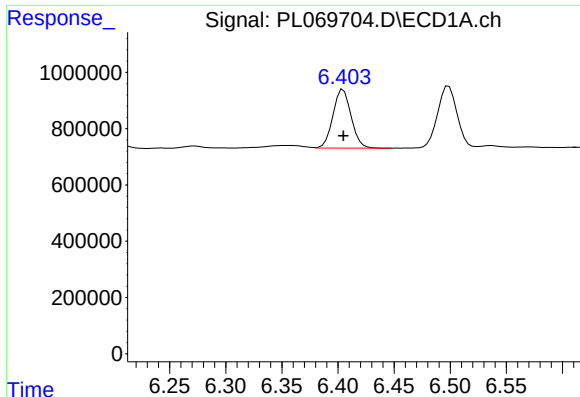
#6 beta-BHC

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 1642955
Conc: 6.85 ng/ml m



#6 beta-BHC

R.T.: 6.801 min
Delta R.T.: 0.001 min
Response: 4205638
Conc: 4.84 ng/ml



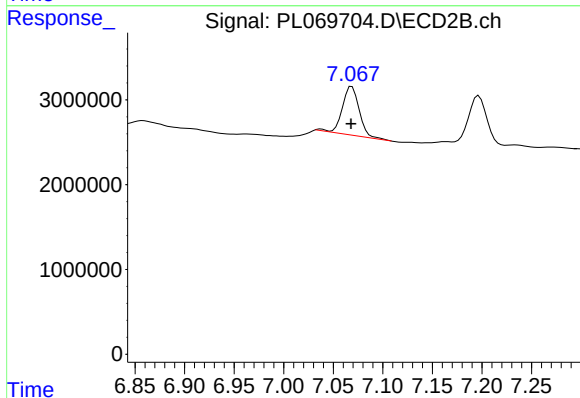
#7 delta-BHC

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 2350512
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-090121MSD

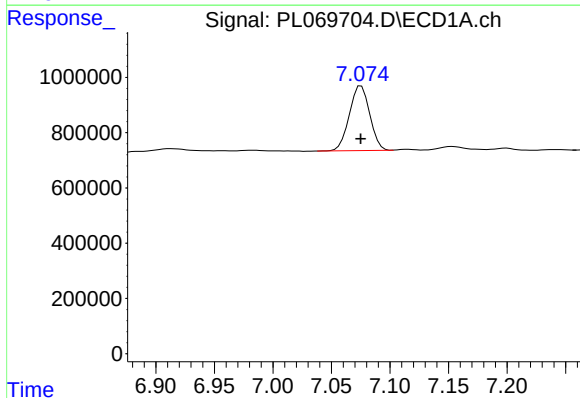
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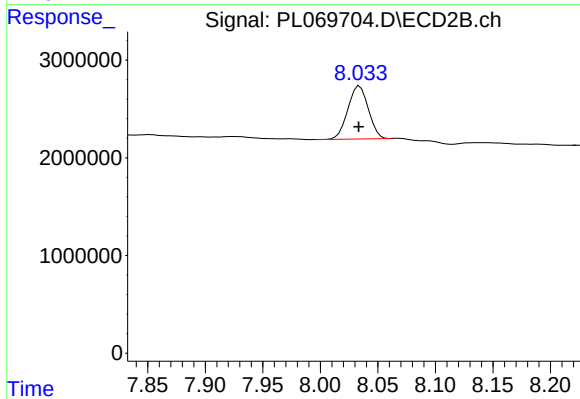
#7 delta-BHC

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 6656100
Conc: 4.16 ng/ml



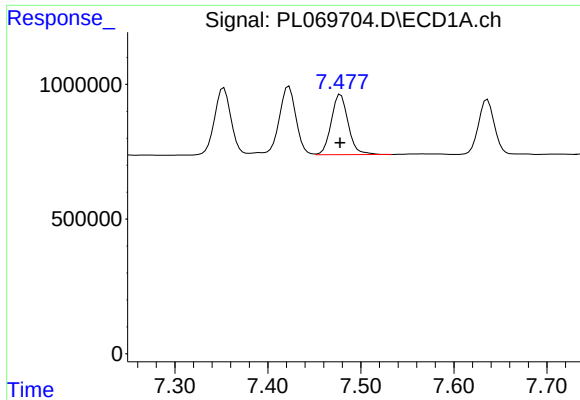
#8 Heptachlor epoxide

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 2831687
Conc: 5.86 ng/ml



#8 Heptachlor epoxide

R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 6750186
Conc: 5.00 ng/ml



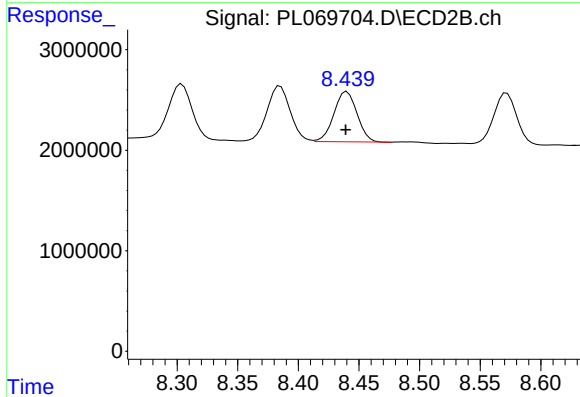
#9 Endosulfan I

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 2834903
Conc: 6.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-090121MSD

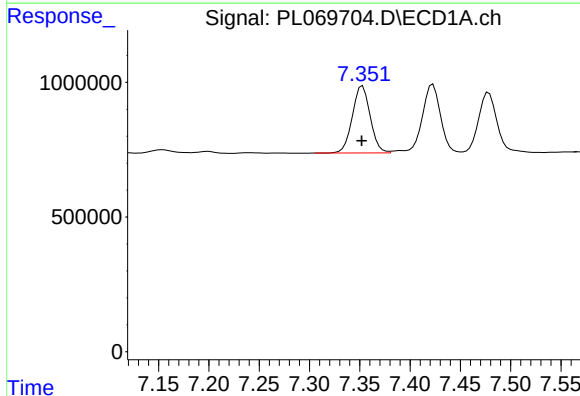
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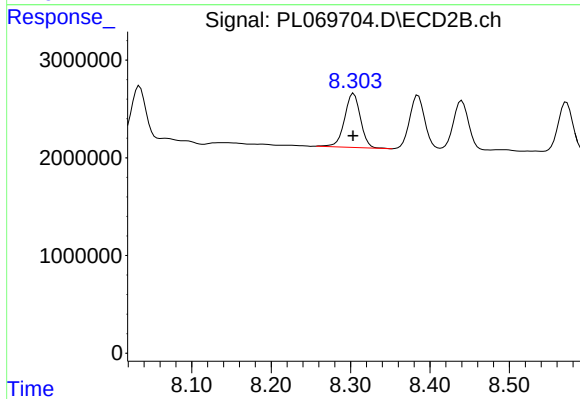
#9 Endosulfan I

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 6645227
Conc: 5.17 ng/ml



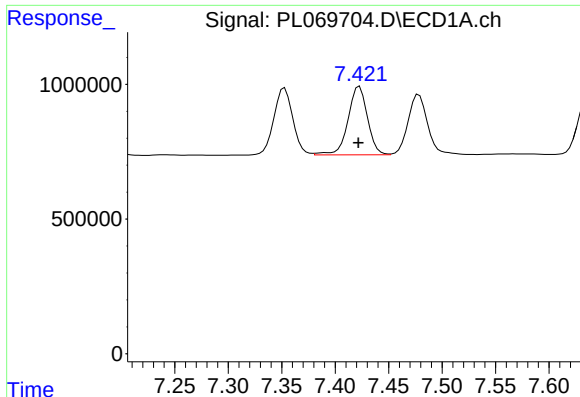
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: 0.000 min
Response: 3071176
Conc: 5.99 ng/ml



#10 gamma-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.000 min
Response: 7673862
Conc: 5.53 ng/ml



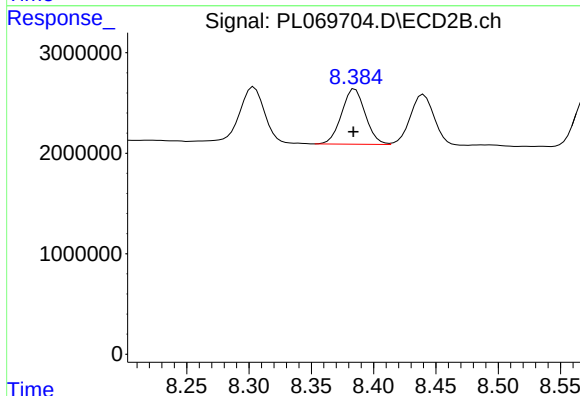
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: 0.001 min
Response: 3222975
Conc: 6.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
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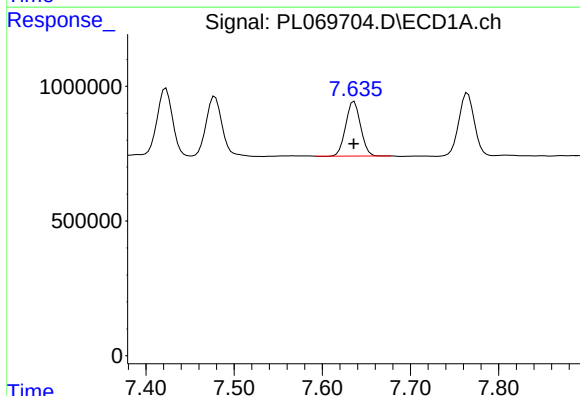
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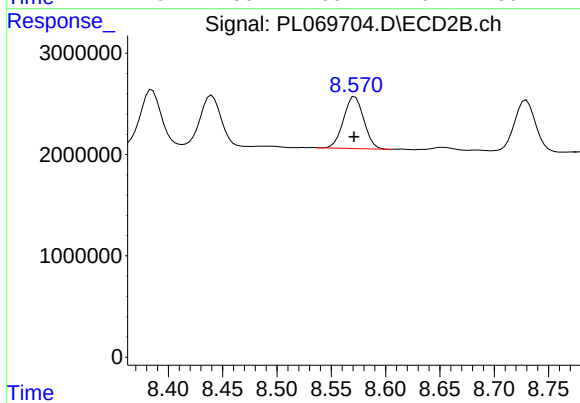
#11 alpha-Chlordane

R.T.: 8.385 min
Delta R.T.: 0.001 min
Response: 7315274
Conc: 5.35 ng/ml



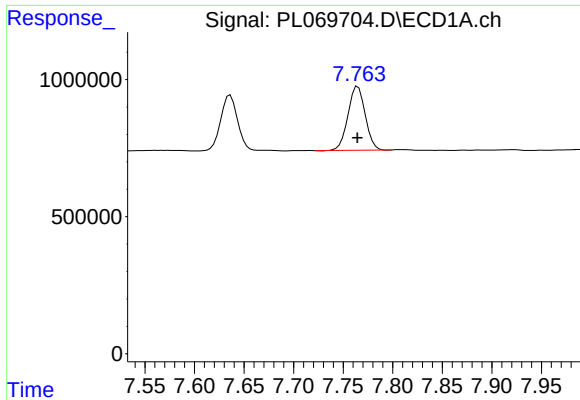
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 2373840
Conc: 5.27 ng/ml



#12 4,4'-DDE

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 6629958
Conc: 5.01 ng/ml



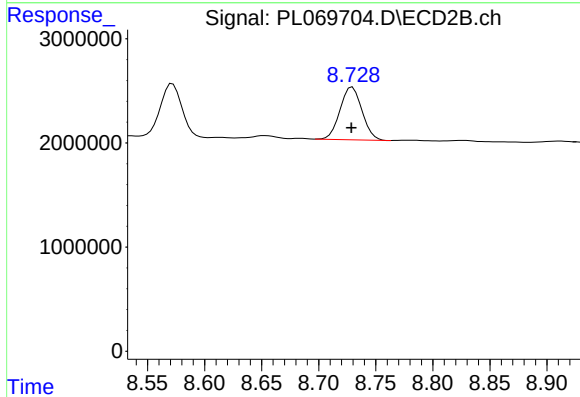
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 2818771
Conc: 5.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
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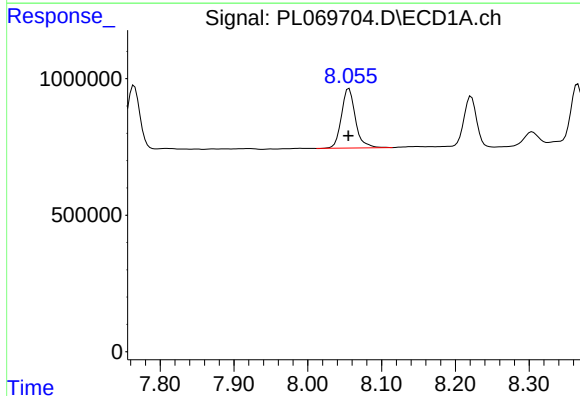
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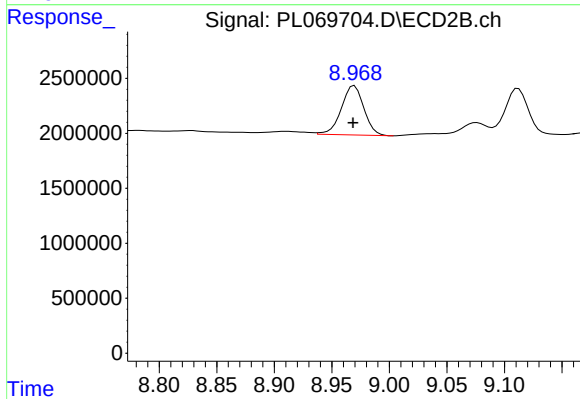
#13 Dieldrin

R.T.: 8.730 min
Delta R.T.: 0.000 min
Response: 6781472
Conc: 5.13 ng/ml



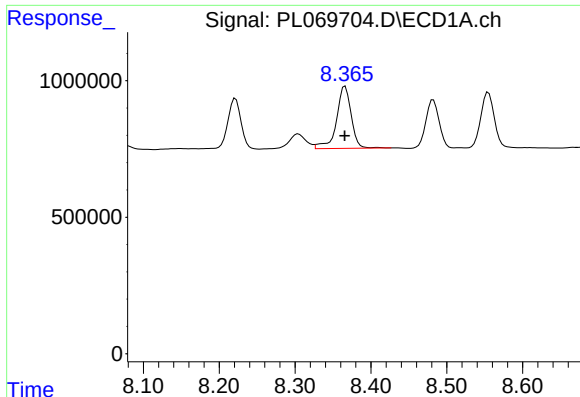
#14 Endrin

R.T.: 8.056 min
Delta R.T.: 0.001 min
Response: 2866821
Conc: 6.01 ng/ml



#14 Endrin

R.T.: 8.970 min
Delta R.T.: 0.001 min
Response: 6153053
Conc: 5.52 ng/ml



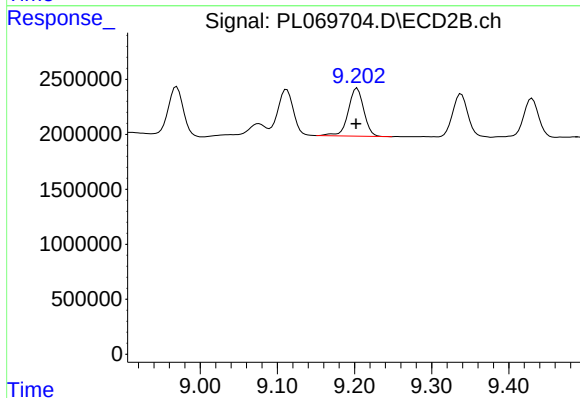
#15 Endosulfan II

R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 3071501
Conc: 6.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
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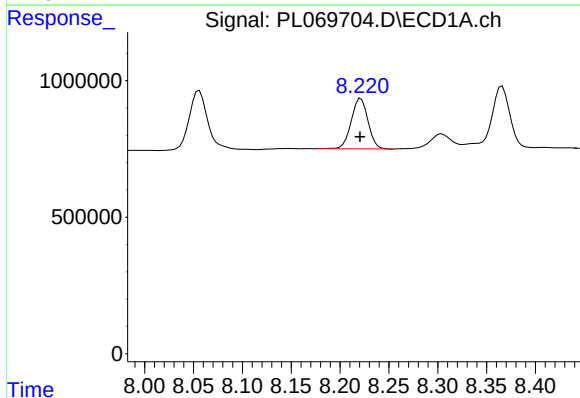
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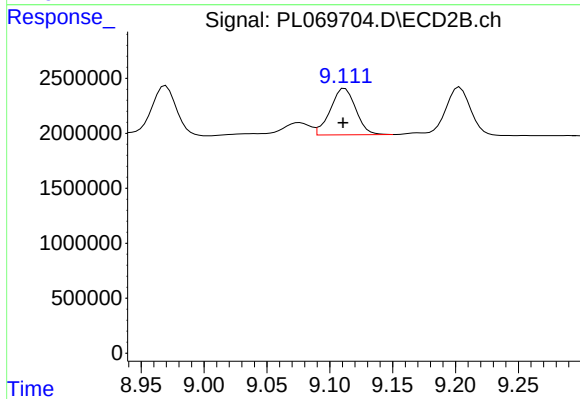
#15 Endosulfan II

R.T.: 9.203 min
Delta R.T.: 0.002 min
Response: 6083195
Conc: 5.34 ng/ml



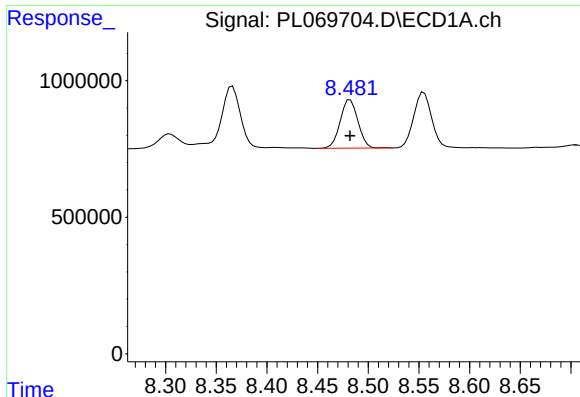
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: 0.001 min
Response: 2204132
Conc: 5.46 ng/ml



#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.001 min
Response: 5917056
Conc: 5.44 ng/ml



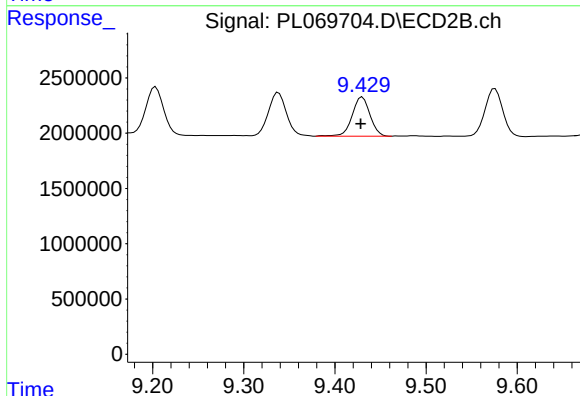
#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: 0.000 min
Response: 2149029
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-090121MSD

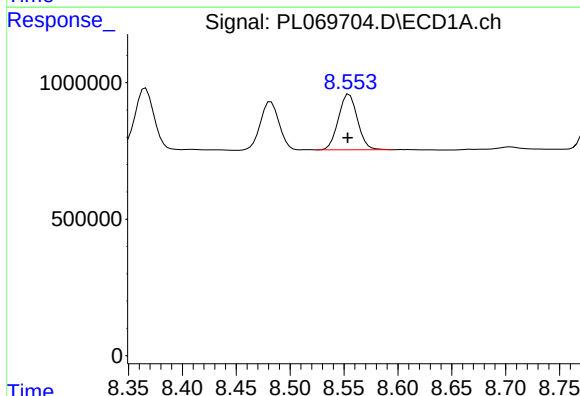
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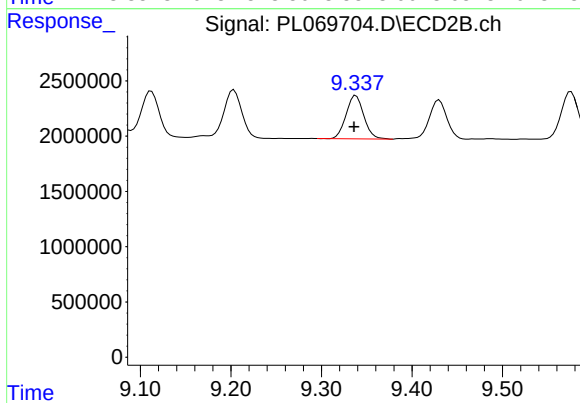
#17 4,4'-DDT

R.T.: 9.430 min
Delta R.T.: 0.002 min
Response: 4799896
Conc: 4.40 ng/ml



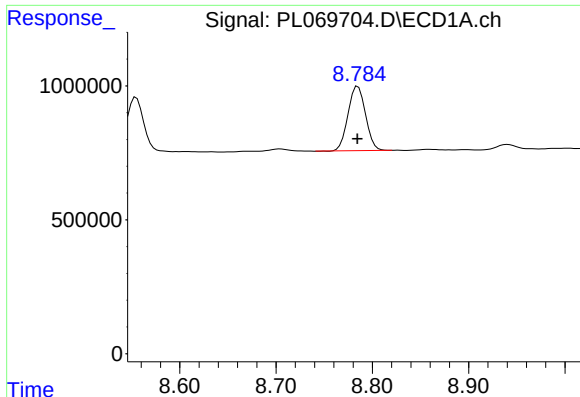
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: 0.001 min
Response: 2499923
Conc: 5.84 ng/ml



#18 Endrin aldehyde

R.T.: 9.338 min
Delta R.T.: 0.002 min
Response: 5341482
Conc: 5.50 ng/ml



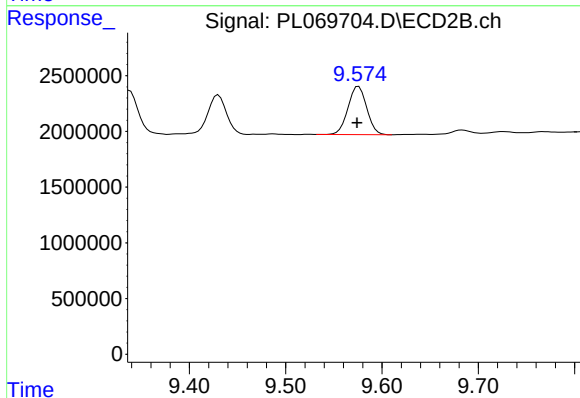
#19 Endosulfan Sulfate

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 3028689
Conc: 5.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-090121MSD

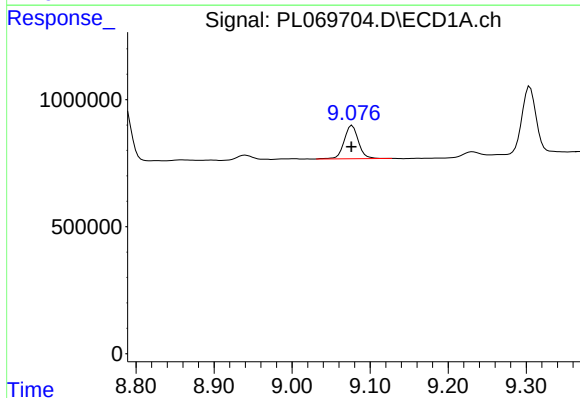
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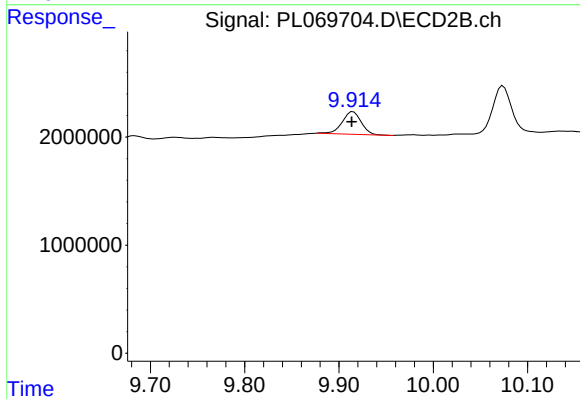
#19 Endosulfan Sulfate

R.T.: 9.576 min
Delta R.T.: 0.002 min
Response: 5829897
Conc: 5.28 ng/ml



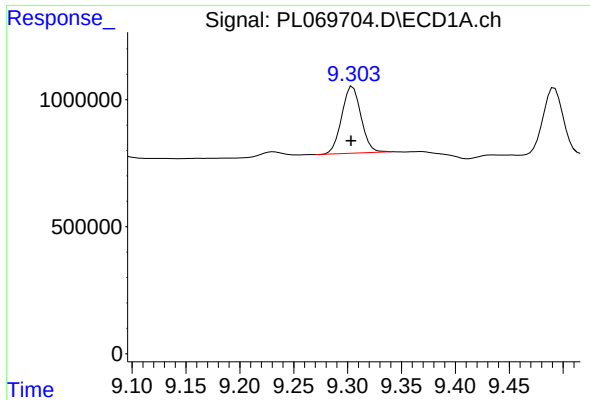
#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: 0.001 min
Response: 1667684
Conc: 5.41 ng/ml



#20 Methoxychlor

R.T.: 9.915 min
Delta R.T.: 0.002 min
Response: 2928635
Conc: 5.06 ng/ml



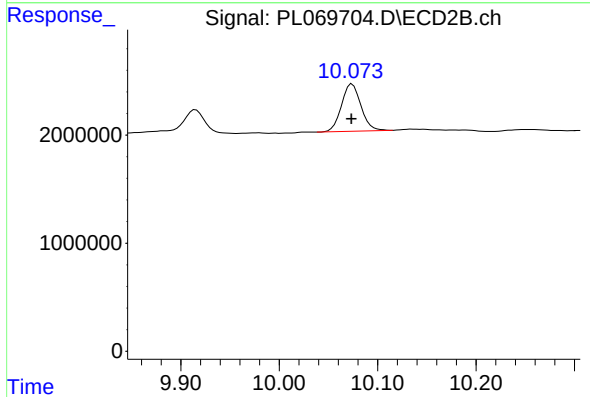
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: 0.001 min
Response: 3295446
Conc: 5.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-090121MSD

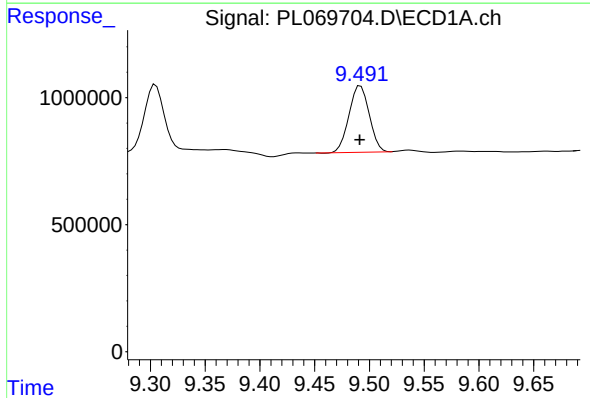
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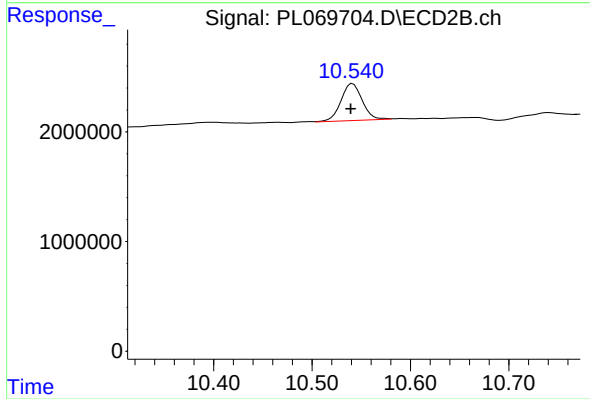
#21 Endrin ketone

R.T.: 10.074 min
Delta R.T.: 0.000 min
Response: 6006853
Conc: 5.06 ng/ml



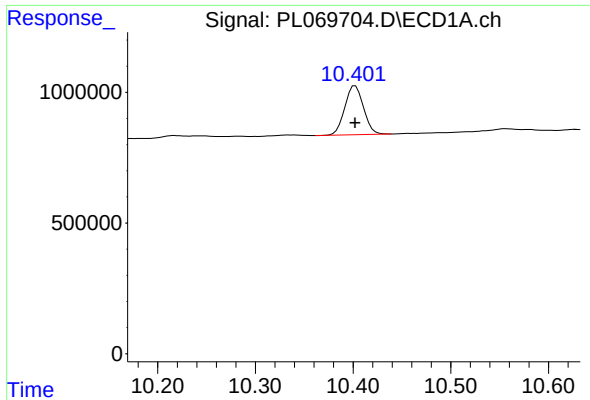
#22 Mirex

R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 3365386
Conc: 6.19 ng/ml



#22 Mirex

R.T.: 10.540 min
Delta R.T.: 0.000 min
Response: 5051194
Conc: 5.63 ng/ml m



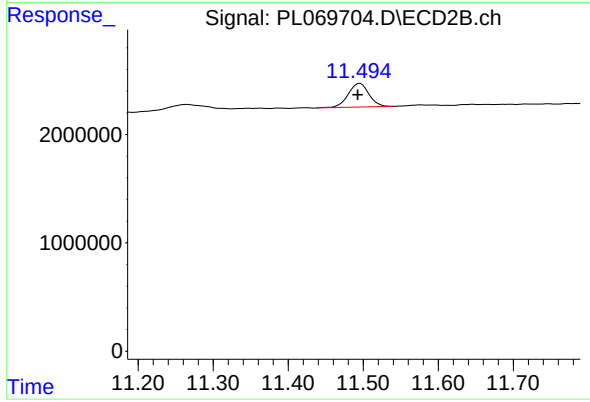
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 2485445
Conc: 4.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-090121MSD

Manual Integrations
APPROVED

mohammad
9/7/2021 8:40:11 AM



#28 Decachlorobiphenyl

R.T.: 11.496 min
Delta R.T.: 0.003 min
Response: 4196989
Conc: 3.72 ng/ml