

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082521\
 Data File : PL069441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 13:32
 Operator : AR\AJ
 Sample : M3502-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 POST-MAEC-01MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:47:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082021.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 21 02:23:37 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...	4.633	5.569	7491299	24718607	16.237	17.256
28)	SA Decachlor...	10.403	11.493	10627359	20577746	15.745	16.790
Target Compounds							
2)	A alpha-BHC	5.340	6.150	30717210	102.6E6	47.986	52.459
3)	MA gamma-BHC...	5.764	6.546	29941634	94289129	46.865	51.381
4)	MA Heptachlor	6.174	7.195	31159467	95047085	44.990	52.155
5)	MB Aldrin	6.499	7.566	28861810	84146370	46.777	50.627
6)	B beta-BHC	6.143	6.799	15447882	44475359	48.644	47.325
7)	B delta-BHC	6.404	7.066	28668387	92918581	46.114	50.310
8)	B Heptachlo...	7.075	8.033	28998357	79709977	46.715	52.990
9)	A Endosulfan I	7.478	8.439	27744937	74747688	46.864	54.043
10)	B gamma-Chl...	7.353	8.301	30097849	80133644	47.024	52.092m
11)	B alpha-Chl...	7.423	8.383	29930474	77967924	45.933	52.181
12)	B 4,4'-DDE	7.636	8.570	26917092	74895977	47.593	53.542
13)	MA Dieldrin	7.765	8.728	29096223	75535105	47.916	53.792
14)	MA Endrin	8.056	8.968	27600596	63073704	47.790	53.738
15)	B Endosulfa...	8.366	9.201	26404284	61665065	47.523	52.112
16)	A 4,4'-DDD	8.221	9.109	23696460	58149355	46.593	47.407m
17)	MA 4,4'-DDT	8.483	9.428	26123924	59581886	45.386	48.632
18)	B Endrin al...	8.554	9.336	24409580	53816423	53.818	56.576
19)	B Endosulfa...	8.785	9.573	28904289	60315695	48.684	53.090
20)	A Methoxychlor	9.077	9.912	16912205	31862274	45.154	49.630
21)	B Endrin ke...	9.304	10.070	32161664	65875061	46.350	50.915m
22)	Mirex	9.491	10.539	26757812	47758602	44.989	50.959

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082521\
Data File : PL069441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2021 13:32
Operator : AR\AJ
Sample : M3502-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

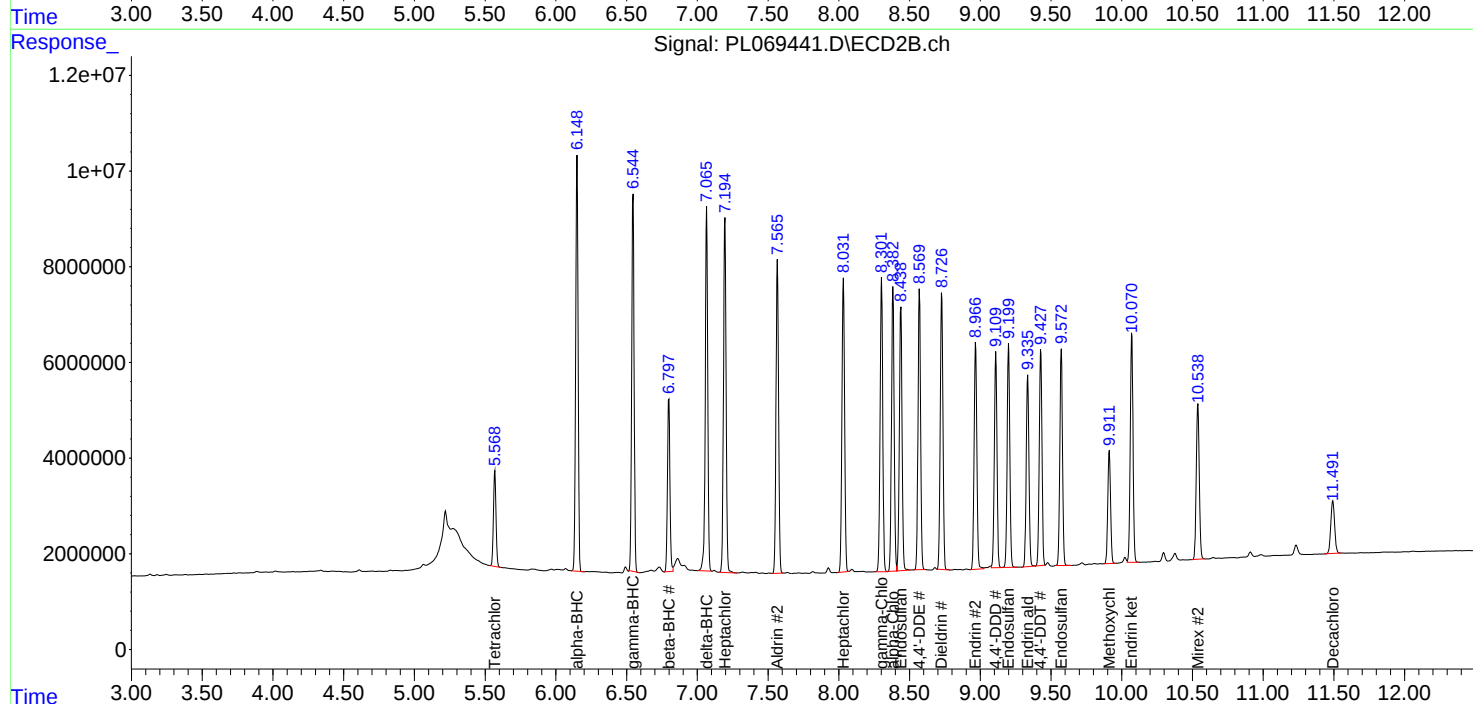
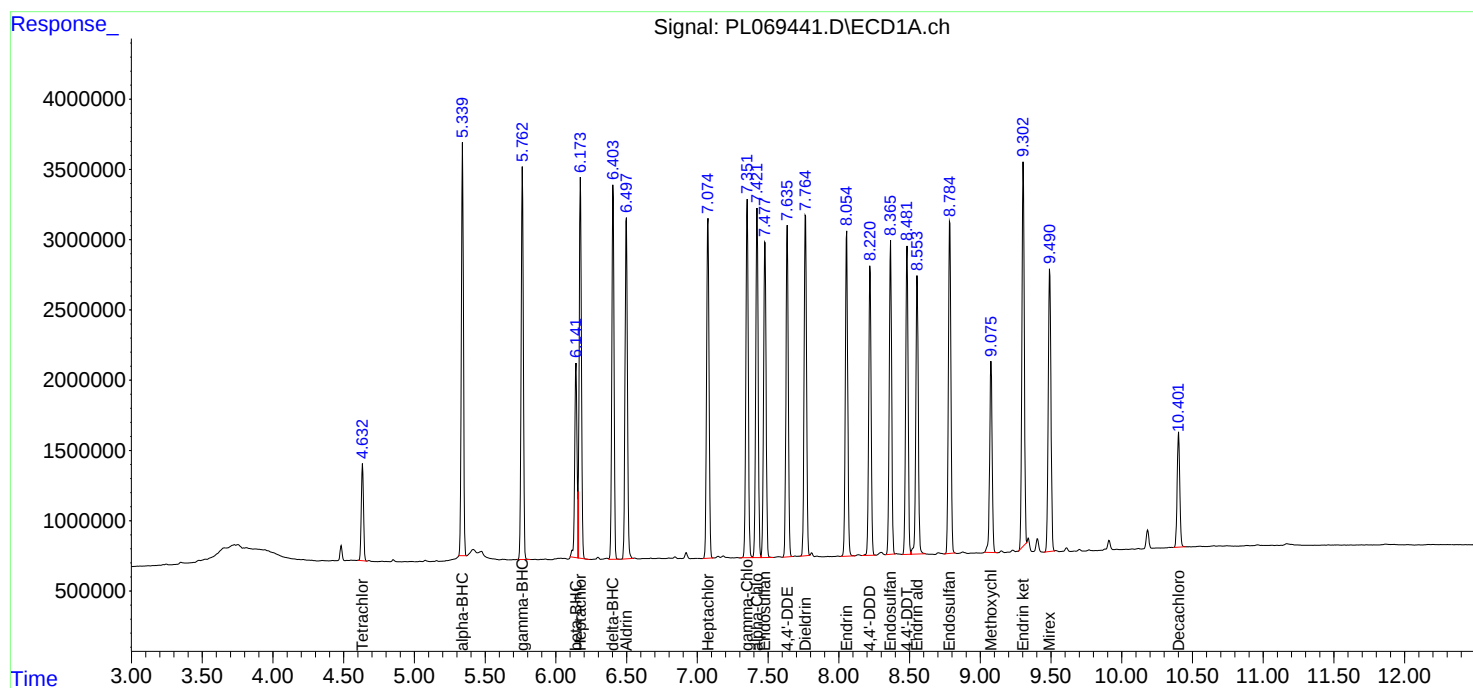
Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

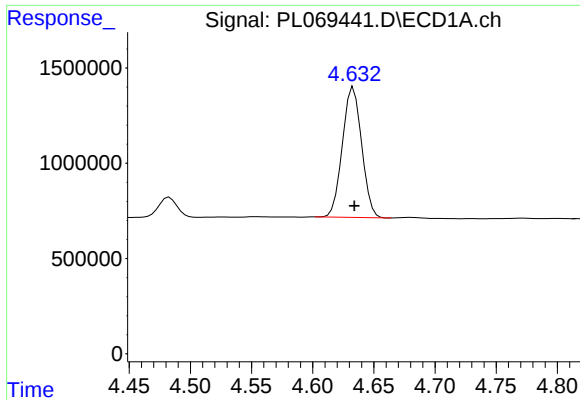
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 03:47:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082021.M
Quant Title : GC Extractables
QLast Update : Sat Aug 21 02:23:37 2021
Response 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





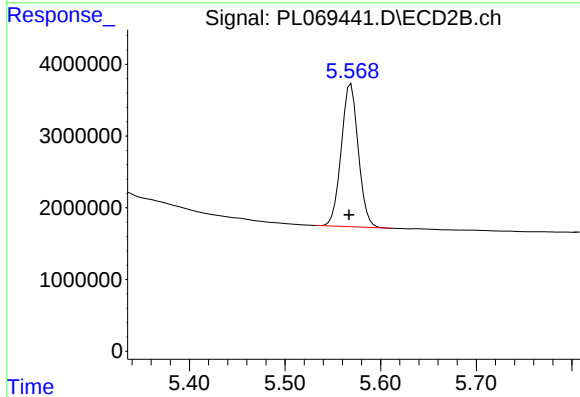
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 7491299
Conc: 16.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

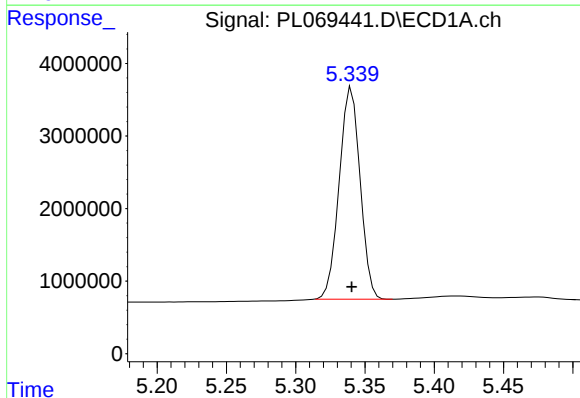
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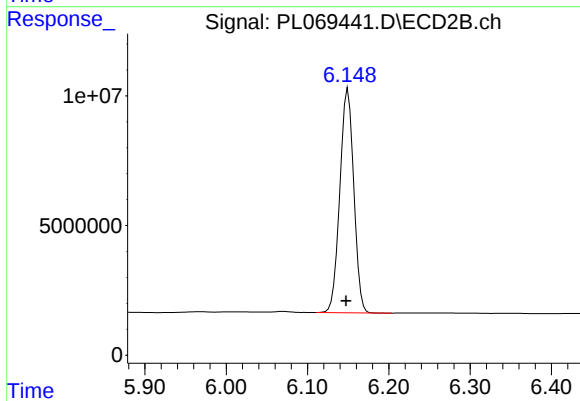
#1 Tetrachloro-m-xylene

R.T.: 5.569 min
Delta R.T.: 0.002 min
Response: 24718607
Conc: 17.26 ng/ml



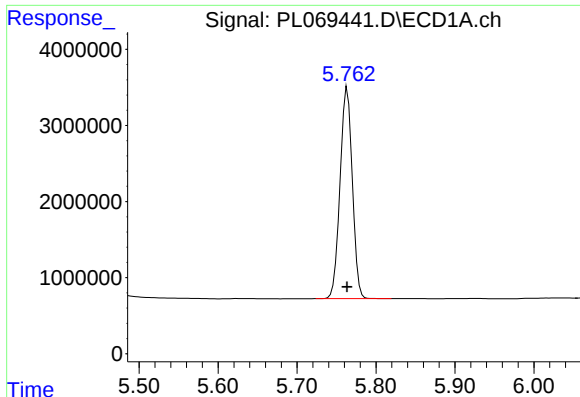
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 30717210
Conc: 47.99 ng/ml



#2 alpha-BHC

R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 102614117
Conc: 52.46 ng/ml



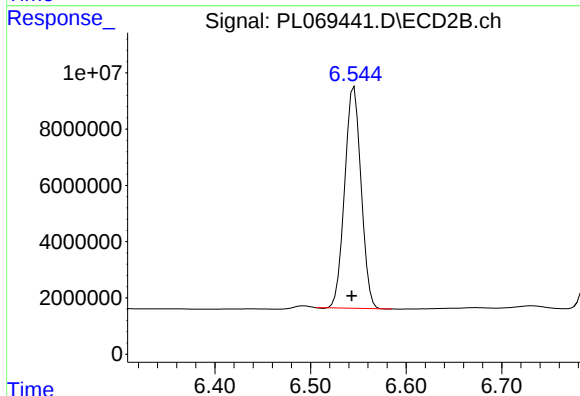
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 29941634
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

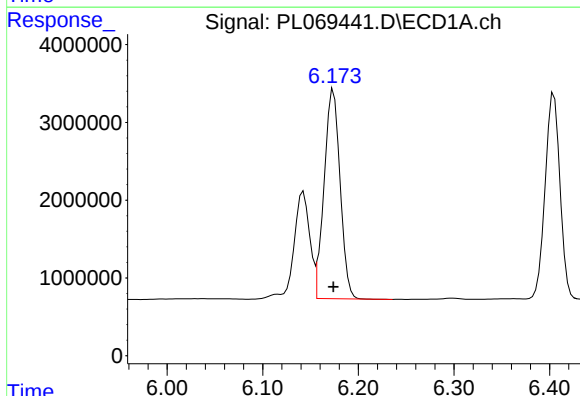
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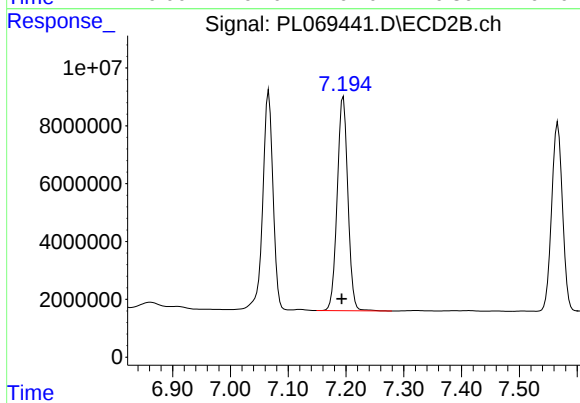
#3 gamma-BHC (Lindane)

R.T.: 6.546 min
Delta R.T.: 0.003 min
Response: 94289129
Conc: 51.38 ng/ml



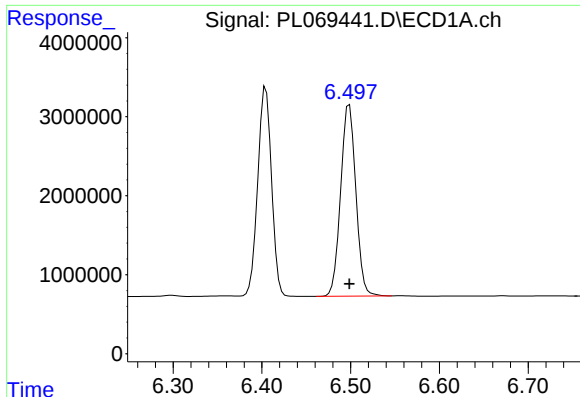
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 31159467
Conc: 44.99 ng/ml



#4 Heptachlor

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 95047085
Conc: 52.16 ng/ml



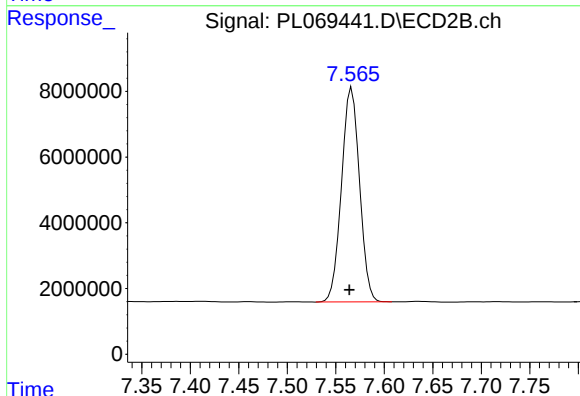
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 28861810
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

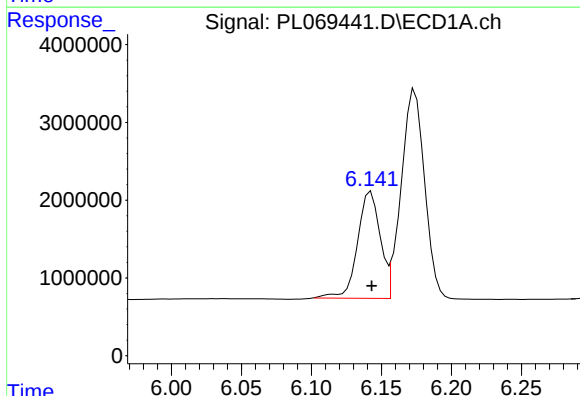
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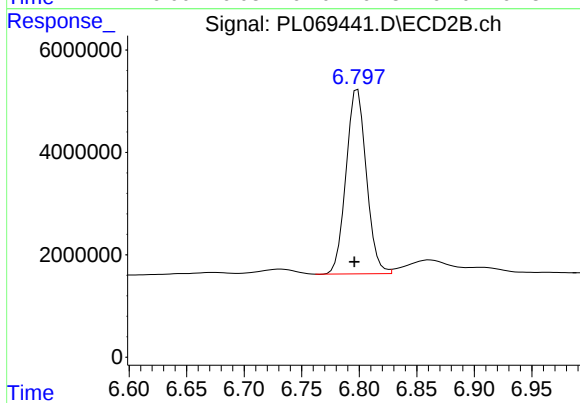
#5 Aldrin

R.T.: 7.566 min
Delta R.T.: 0.003 min
Response: 84146370
Conc: 50.63 ng/ml



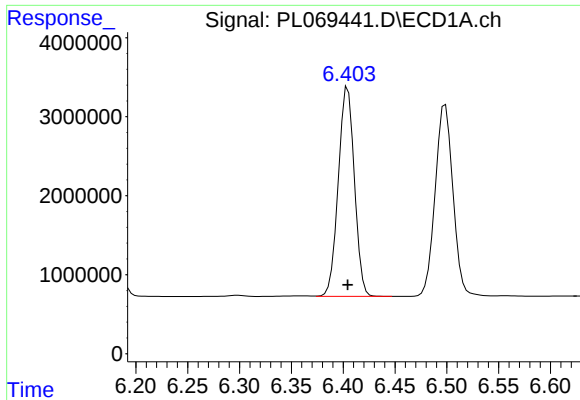
#6 beta-BHC

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 15447882
Conc: 48.64 ng/ml



#6 beta-BHC

R.T.: 6.799 min
Delta R.T.: 0.003 min
Response: 44475359
Conc: 47.33 ng/ml



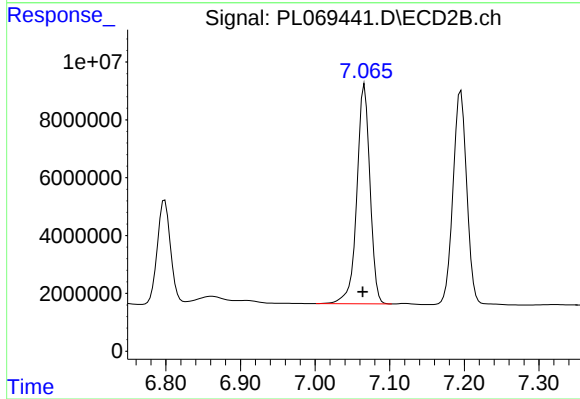
#7 delta-BHC

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 28668387
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

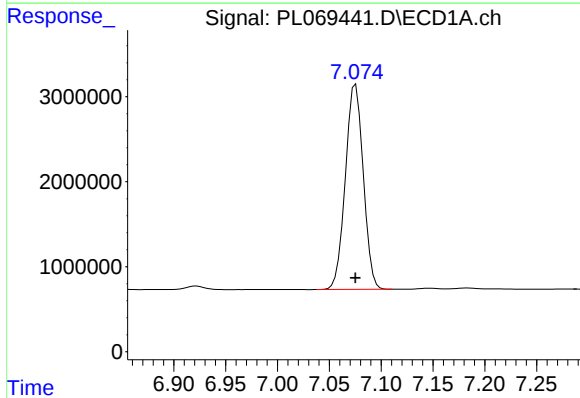
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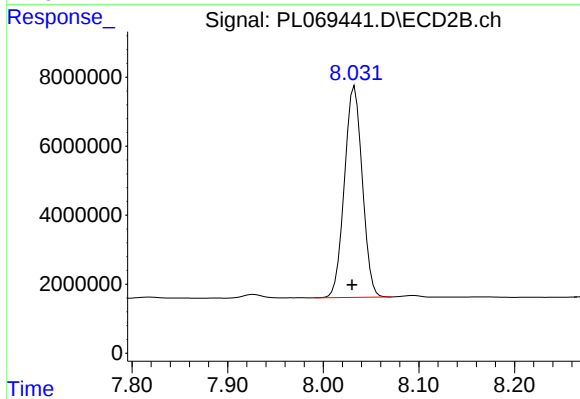
#7 delta-BHC

R.T.: 7.066 min
Delta R.T.: 0.002 min
Response: 92918581
Conc: 50.31 ng/ml



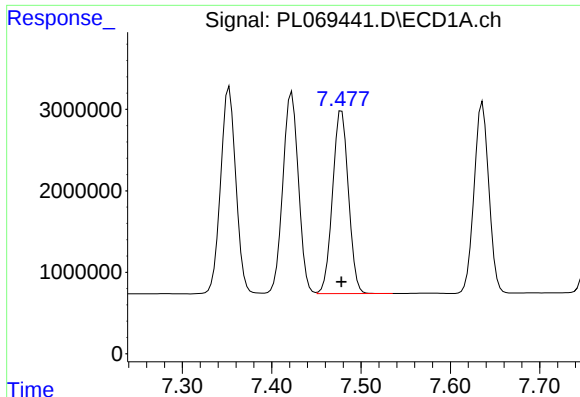
#8 Heptachlor epoxide

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 28998357
Conc: 46.72 ng/ml



#8 Heptachlor epoxide

R.T.: 8.033 min
Delta R.T.: 0.003 min
Response: 79709977
Conc: 52.99 ng/ml



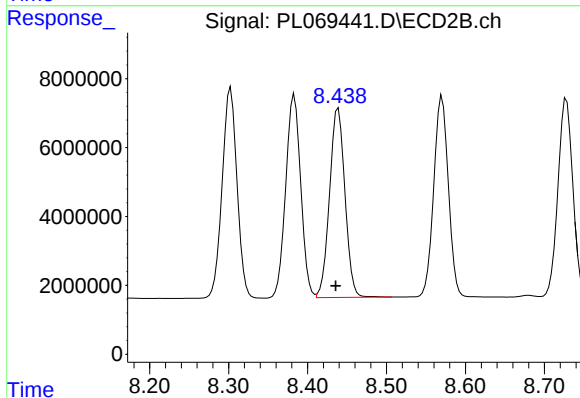
#9 Endosulfan I

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 27744937
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

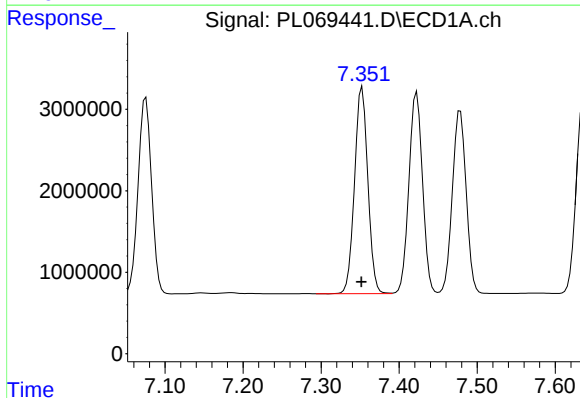
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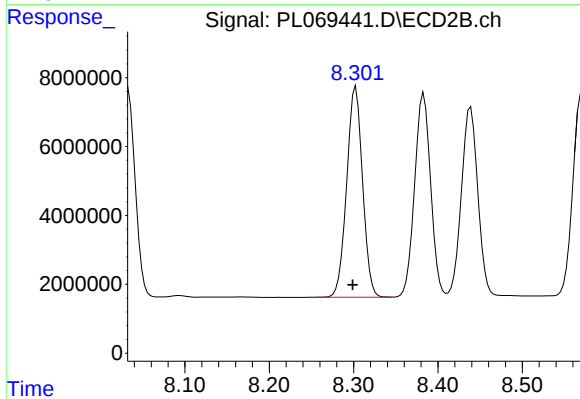
#9 Endosulfan I

R.T.: 8.439 min
Delta R.T.: 0.003 min
Response: 74747688
Conc: 54.04 ng/ml



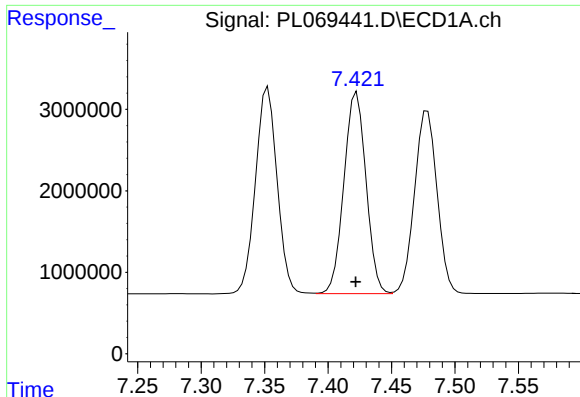
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: 0.000 min
Response: 30097849
Conc: 47.02 ng/ml



#10 gamma-Chlordane

R.T.: 8.301 min
Delta R.T.: 0.002 min
Response: 80133644
Conc: 52.09 ng/ml m



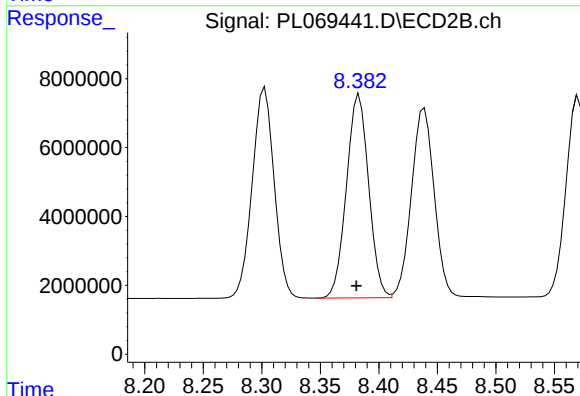
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 29930474
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

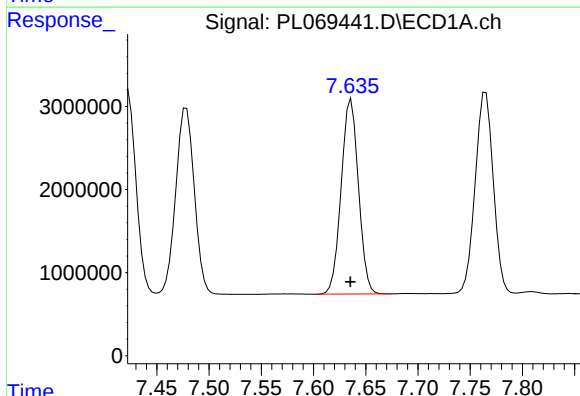
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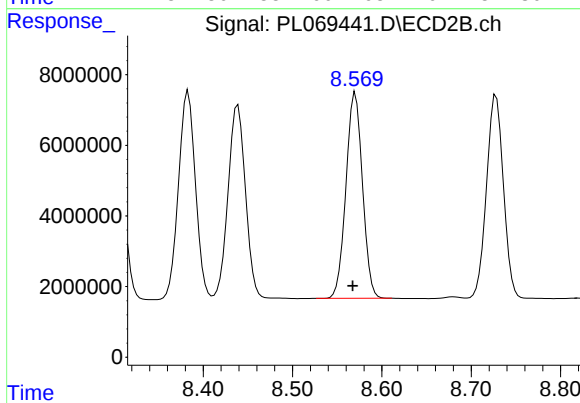
#11 alpha-Chlordane

R.T.: 8.383 min
Delta R.T.: 0.003 min
Response: 77967924
Conc: 52.18 ng/ml



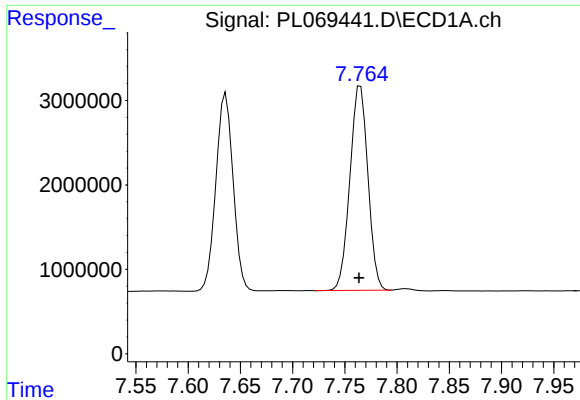
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 26917092
Conc: 47.59 ng/ml



#12 4,4'-DDE

R.T.: 8.570 min
Delta R.T.: 0.003 min
Response: 74895977
Conc: 53.54 ng/ml



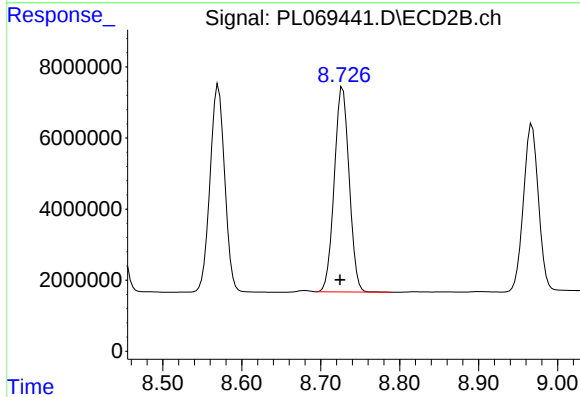
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: 0.001 min
Response: 29096223
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

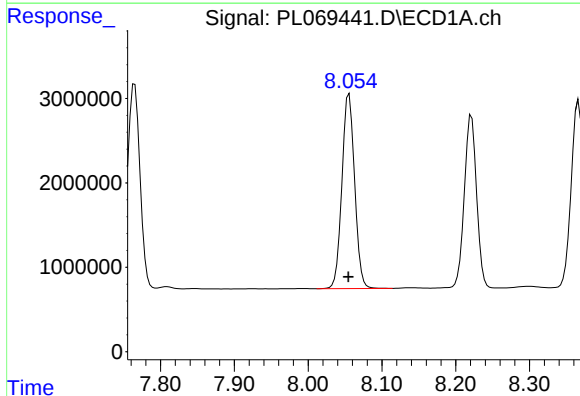
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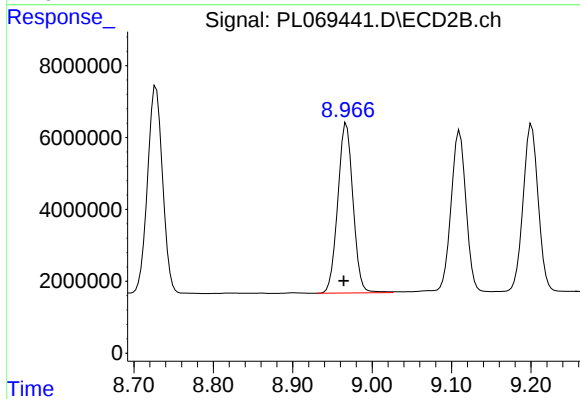
#13 Dieldrin

R.T.: 8.728 min
Delta R.T.: 0.003 min
Response: 75535105
Conc: 53.79 ng/ml



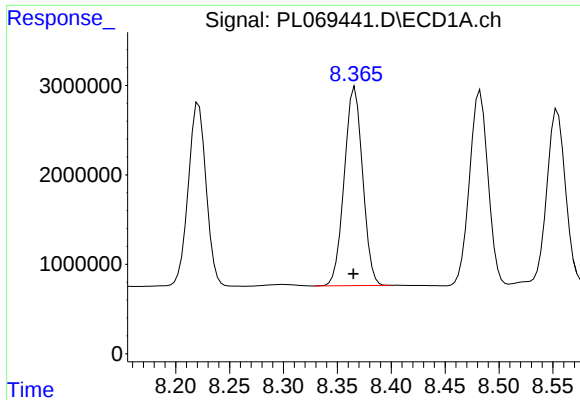
#14 Endrin

R.T.: 8.056 min
Delta R.T.: 0.001 min
Response: 27600596
Conc: 47.79 ng/ml



#14 Endrin

R.T.: 8.968 min
Delta R.T.: 0.003 min
Response: 63073704
Conc: 53.74 ng/ml



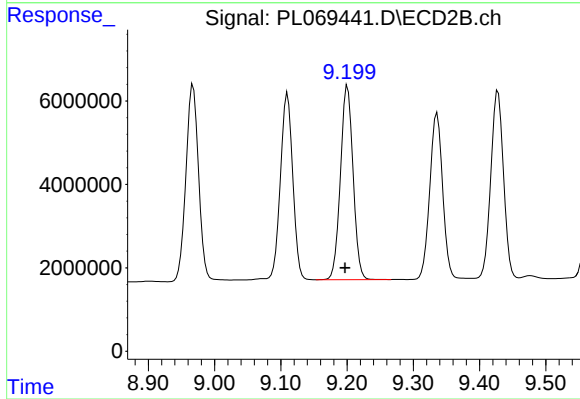
#15 Endosulfan II

R.T.: 8.366 min
Delta R.T.: 0.002 min
Response: 26404284
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

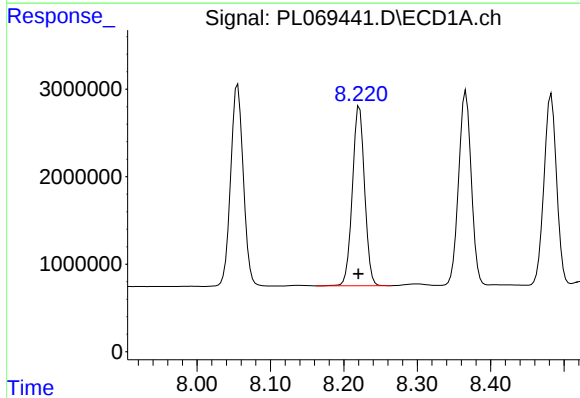
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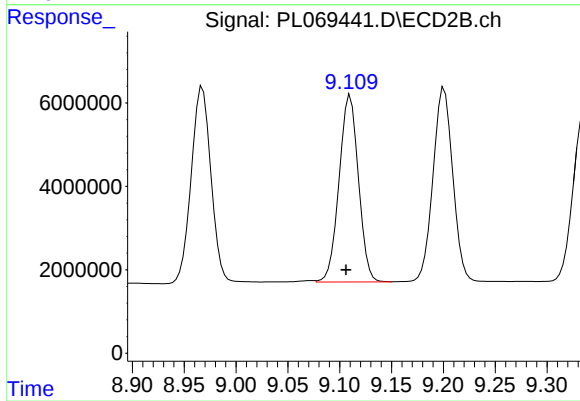
#15 Endosulfan II

R.T.: 9.201 min
Delta R.T.: 0.004 min
Response: 61665065
Conc: 52.11 ng/ml



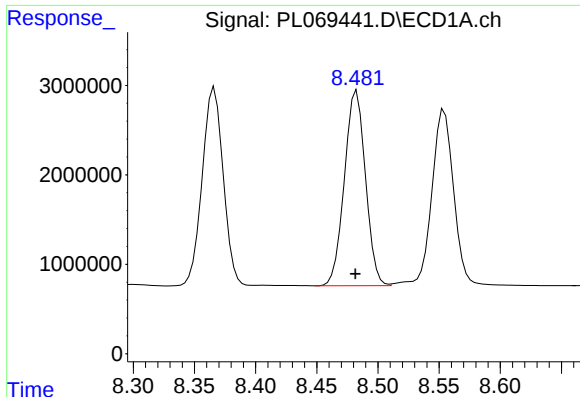
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: 0.001 min
Response: 23696460
Conc: 46.59 ng/ml



#16 4,4'-DDD

R.T.: 9.109 min
Delta R.T.: 0.003 min
Response: 58149355
Conc: 47.41 ng/ml m



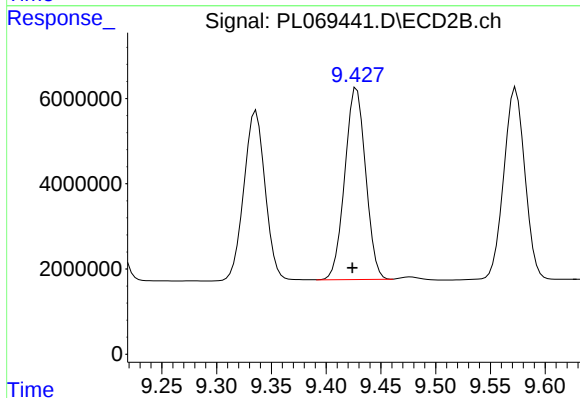
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: 0.001 min
Response: 26123924
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

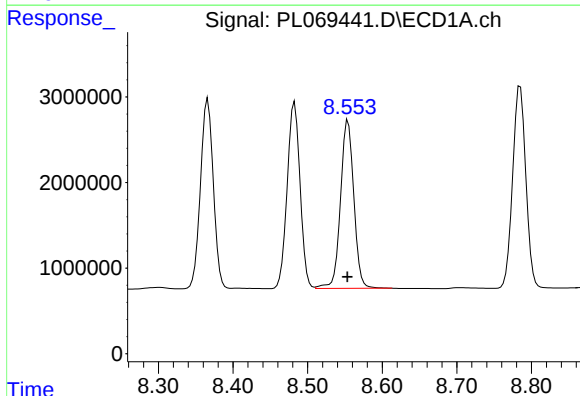
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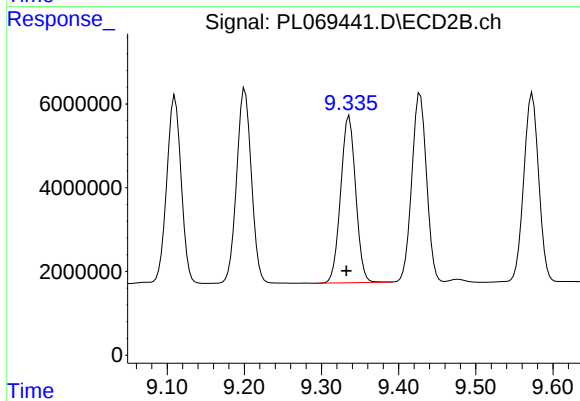
#17 4,4'-DDT

R.T.: 9.428 min
Delta R.T.: 0.004 min
Response: 59581886
Conc: 48.63 ng/ml



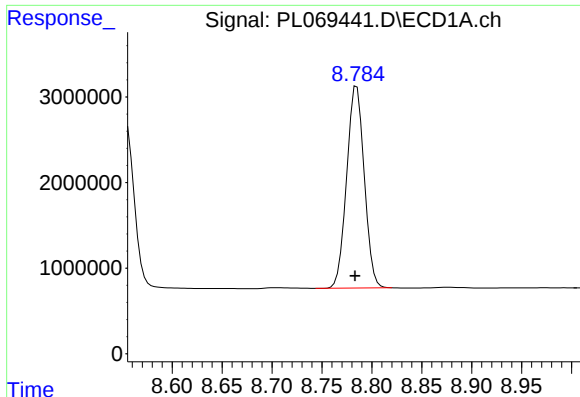
#18 Endrin aldehyde

R.T.: 8.554 min
Delta R.T.: 0.001 min
Response: 24409580
Conc: 53.82 ng/ml



#18 Endrin aldehyde

R.T.: 9.336 min
Delta R.T.: 0.004 min
Response: 53816423
Conc: 56.58 ng/ml



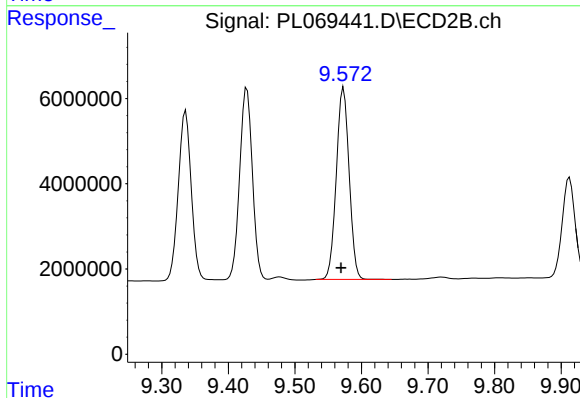
#19 Endosulfan Sulfate

R.T.: 8.785 min
Delta R.T.: 0.002 min
Response: 28904289
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

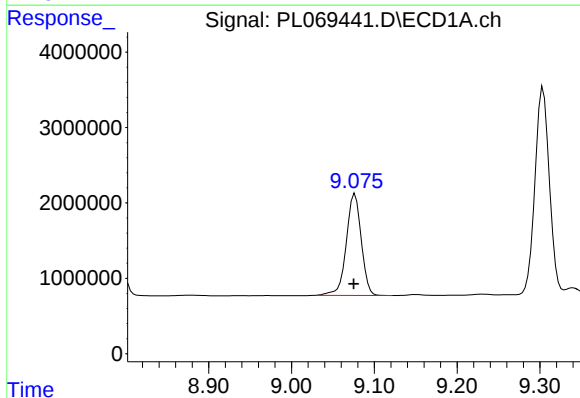
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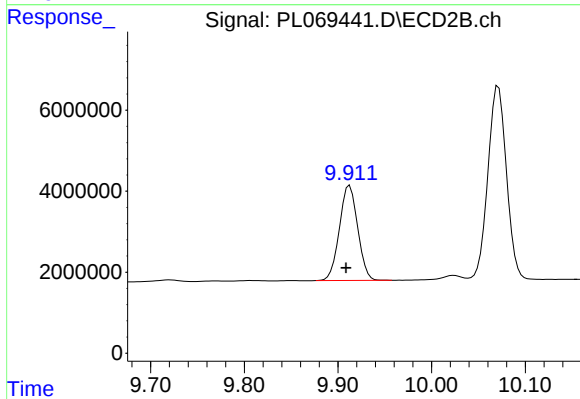
#19 Endosulfan Sulfate

R.T.: 9.573 min
Delta R.T.: 0.004 min
Response: 60315695
Conc: 53.09 ng/ml



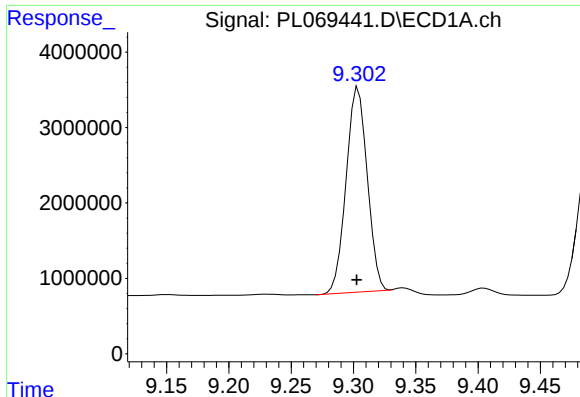
#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: 0.001 min
Response: 16912205
Conc: 45.15 ng/ml



#20 Methoxychlor

R.T.: 9.912 min
Delta R.T.: 0.004 min
Response: 31862274
Conc: 49.63 ng/ml



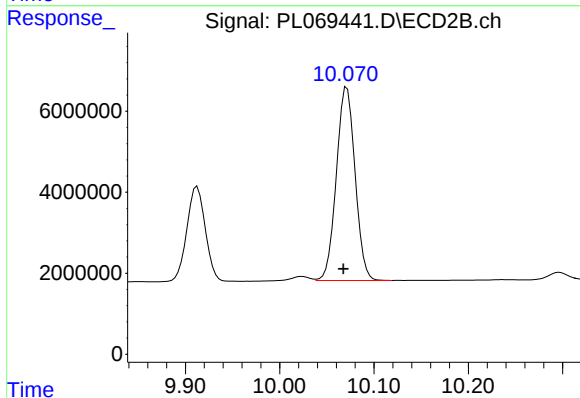
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: 0.001 min
Response: 32161664
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

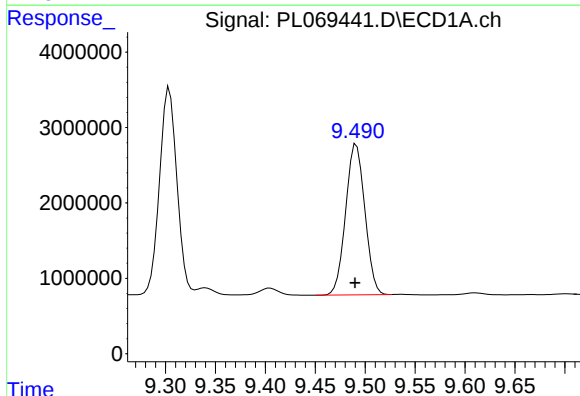
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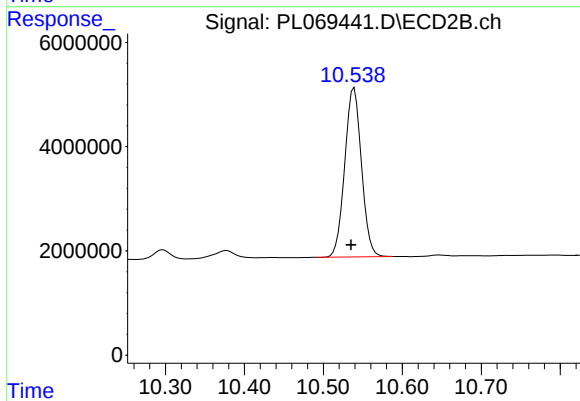
#21 Endrin ketone

R.T.: 10.070 min
Delta R.T.: 0.002 min
Response: 65875061
Conc: 50.92 ng/ml m



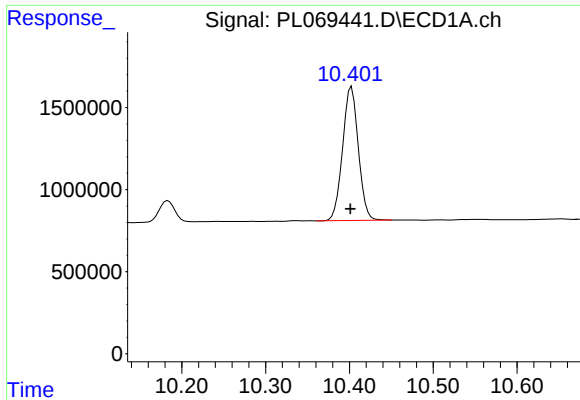
#22 Mirex

R.T.: 9.491 min
Delta R.T.: 0.001 min
Response: 26757812
Conc: 44.99 ng/ml



#22 Mirex

R.T.: 10.539 min
Delta R.T.: 0.004 min
Response: 47758602
Conc: 50.96 ng/ml



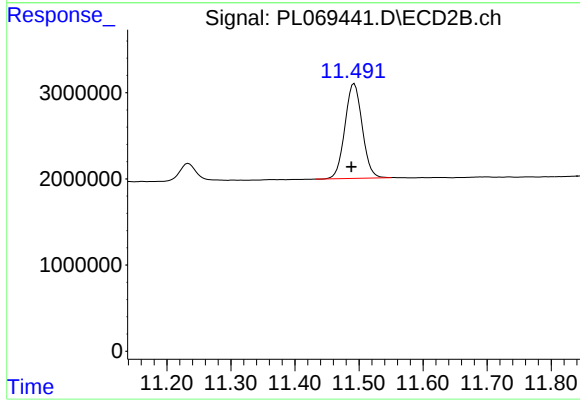
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: 0.001 min
Response: 10627359
Conc: 15.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
POST-MAEC-01MSD

Manual Integrations
APPROVED

mohammad
8/26/2021 10:16:47 AM



#28 Decachlorobiphenyl

R.T.: 11.493 min
Delta R.T.: 0.005 min
Response: 20577746
Conc: 16.79 ng/ml