

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl120522\
 Data File : PL079584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2022 18:15
 Operator : AR\AJ
 Sample : N5870-04MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ML-4MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/06/2022
 Supervised By : Ankita Jodhani 12/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:31:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 2022
 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...	3.316	2.566	35168699	46136967	15.568m	16.950
28)	SA Decachlor...	8.763	7.631	28606334	37527771	14.730m	15.974
Target Compounds							
2)	A alpha-BHC	3.778	3.052	157.6E6	204.1E6	45.829	47.336
3)	MA gamma-BHC...	4.111	3.373	150.8E6	185.6E6	46.537	47.658
4)	MA Heptachlor	4.681	3.699	149.0E6	182.5E6	45.206	47.420
5)	MB Aldrin	5.019	3.971	145.7E6	184.5E6	46.915	49.683
6)	B beta-BHC	4.325	3.673	62438206	68242457	44.221m	45.039
7)	B delta-BHC	4.567	3.893	130.3E6	186.0E6	46.980	48.355
8)	B Heptachlo...	5.452	4.467	131.8E6	162.3E6	46.173	48.085
9)	A Endosulfan I	5.836	4.829	120.2E6	152.8E6	45.192	47.742
10)	B gamma-Chl...	5.707	4.715	134.6E6	163.7E6	47.052	48.369
11)	B alpha-Chl...	5.784	4.776	131.8E6	160.3E6	45.730	47.867
12)	B 4,4'-DDE	5.967	4.971	116.3E6	153.2E6	46.544	49.951
13)	MA Dieldrin	6.114	5.091	129.1E6	167.8E6	47.077	49.785
14)	MA Endrin	6.344	5.362	112.9E6	150.5E6	46.659	49.771
15)	B Endosulfa...	6.573	5.658	112.4E6	140.8E6	49.769	50.331
16)	A 4,4'-DDD	6.492	5.522	96012695	124.4E6	48.393	49.744
17)	MA 4,4'-DDT	6.801	5.768	100.2E6	124.6E6	44.180	47.676
18)	B Endrin al...	6.705	5.837	92283271	111.0E6	50.953	52.172
19)	B Endosulfa...	6.938	6.059	107.4E6	134.2E6	46.329	47.555
20)	A Methoxychlor	7.286	6.345	53357176	65079743	44.229	47.882
21)	B Endrin ke...	7.424	6.555	113.4E6	147.9E6	45.948	48.027
22)	Mirex	7.880	6.726	85733050	111.5E6	45.263	47.148

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\p1120522\
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 Acq On : 05 Dec 2022 18:15
 Operator : AR\AJ
 Sample : N5870-04MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

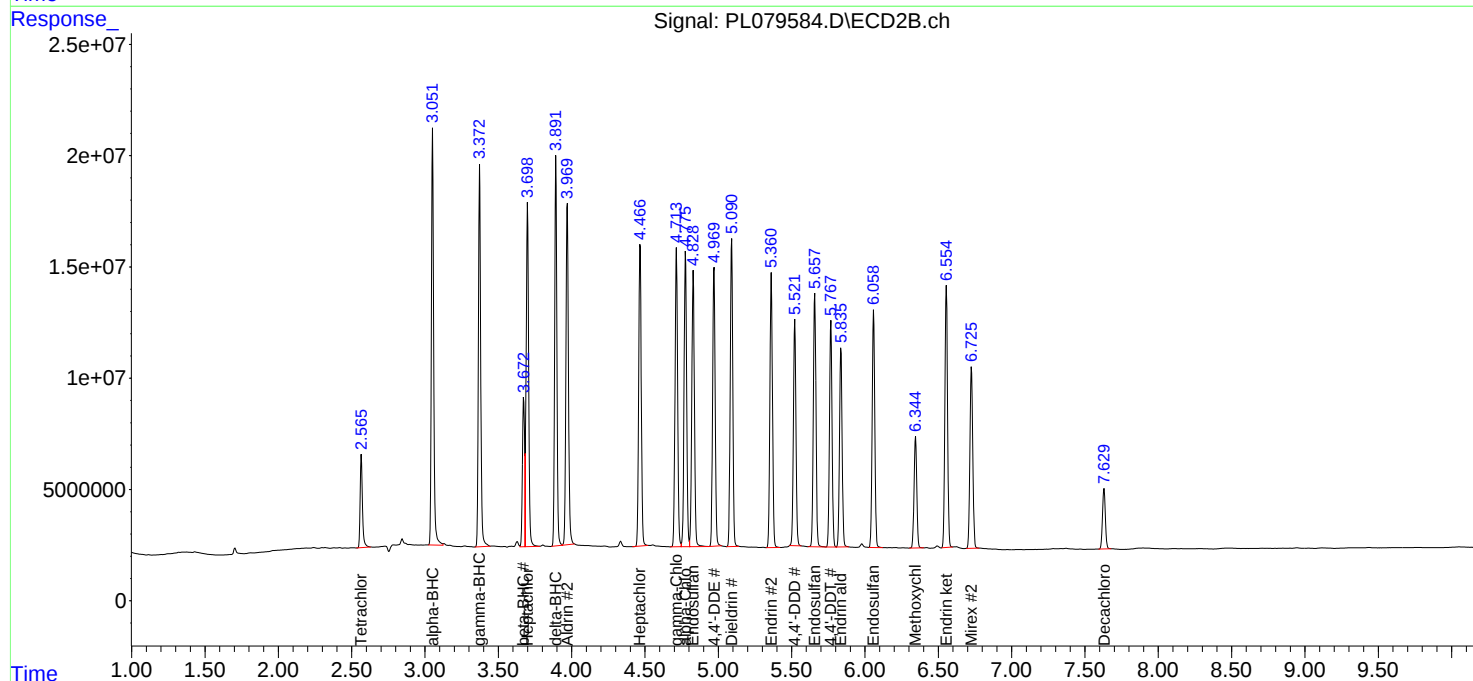
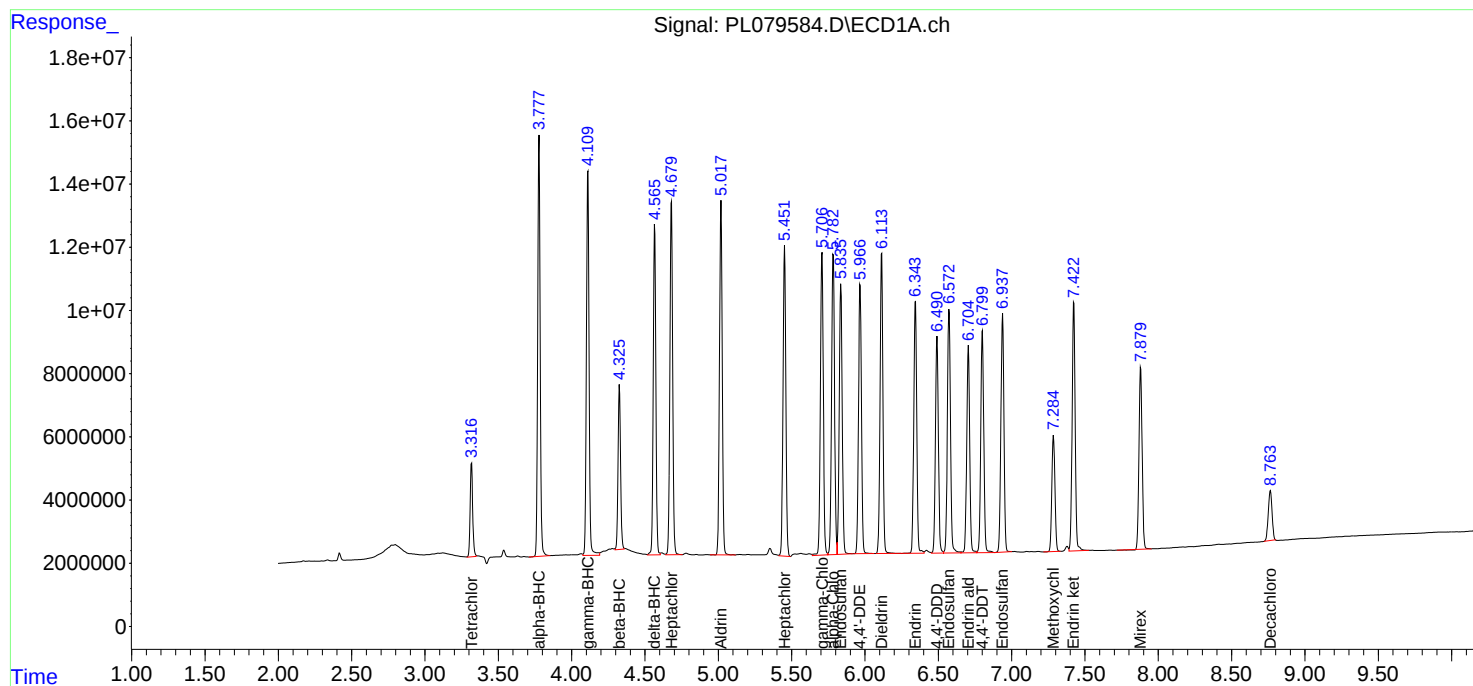
Instrument :
 ECD_L
 ClientSampleId :
 ML-4MS

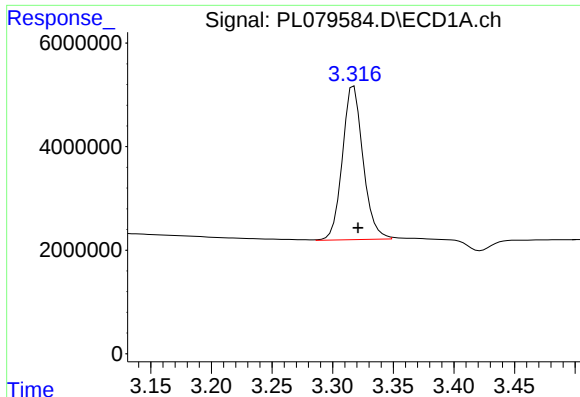
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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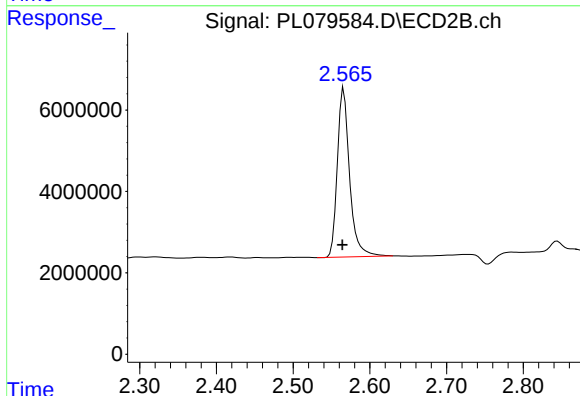
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.005 min
Response: 35168699
Conc: 15.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

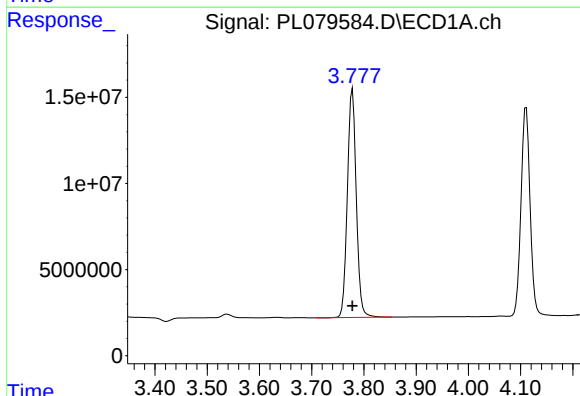
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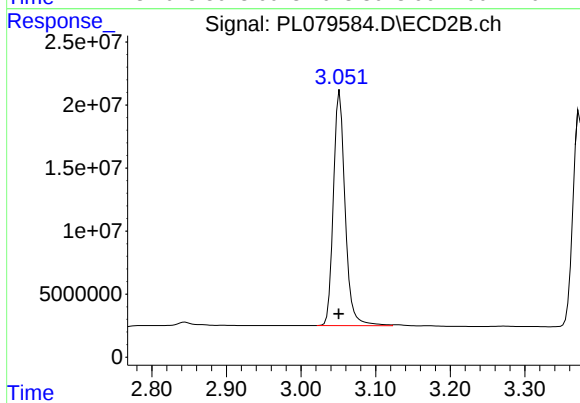
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: 0.001 min
Response: 46136967
Conc: 16.95 ng/ml



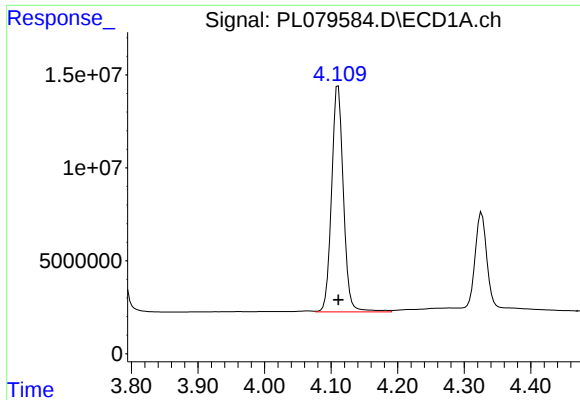
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 157595822
Conc: 45.83 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: 0.001 min
Response: 204112302
Conc: 47.34 ng/ml



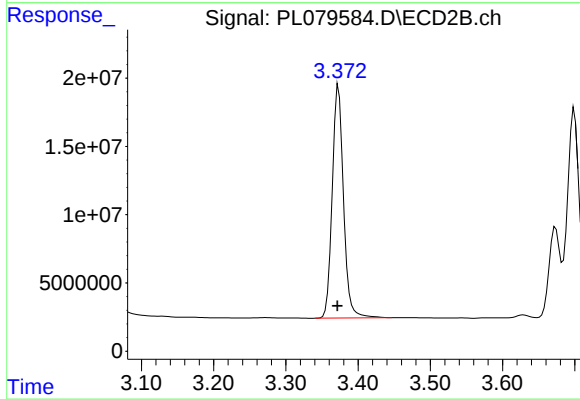
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 150817910
Conc: 46.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

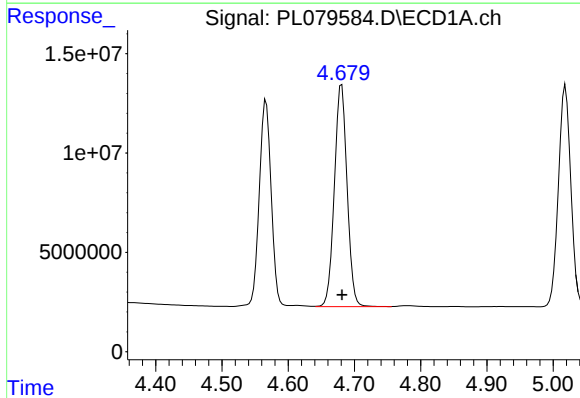
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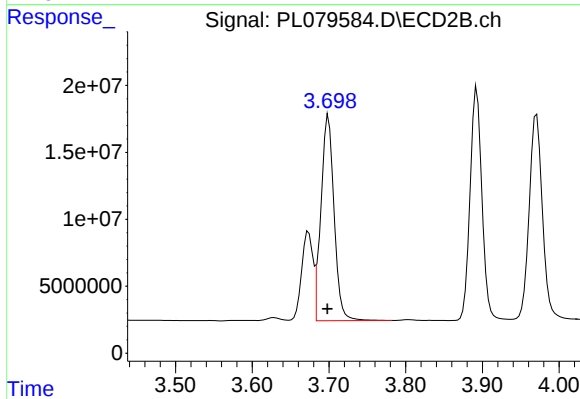
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: 0.002 min
Response: 185564298
Conc: 47.66 ng/ml



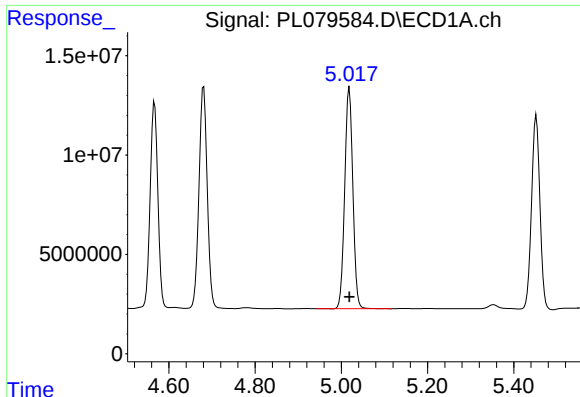
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 148963588
Conc: 45.21 ng/ml



#4 Heptachlor

R.T.: 3.699 min
Delta R.T.: 0.001 min
Response: 182459969
Conc: 47.42 ng/ml



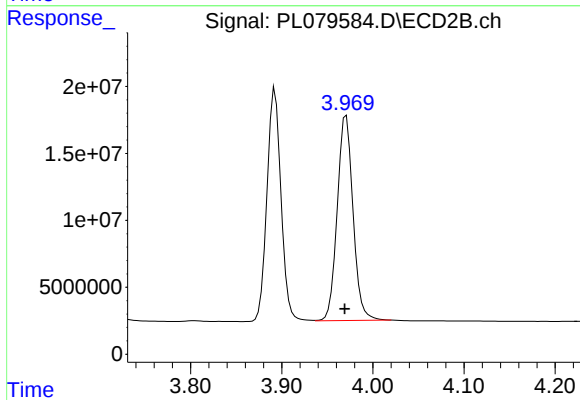
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 145687852
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

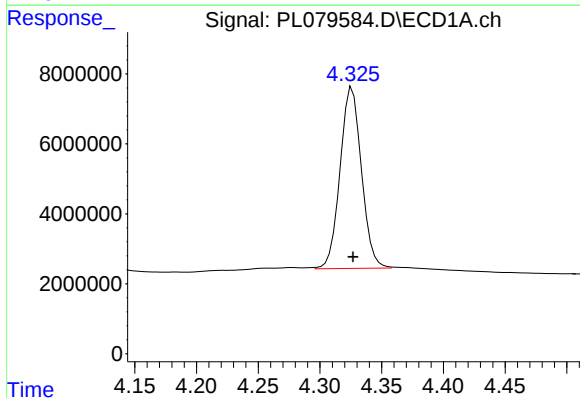
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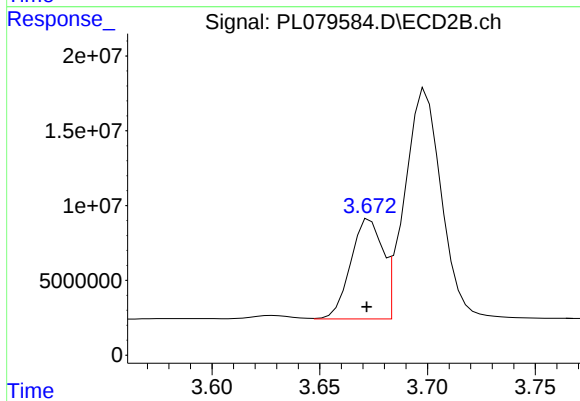
#5 Aldrin

R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 184466088
Conc: 49.68 ng/ml



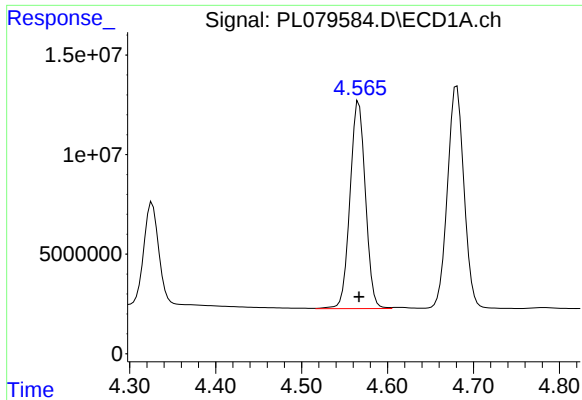
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 62438206
Conc: 44.22 ng/ml m



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: 0.001 min
Response: 68242457
Conc: 45.04 ng/ml



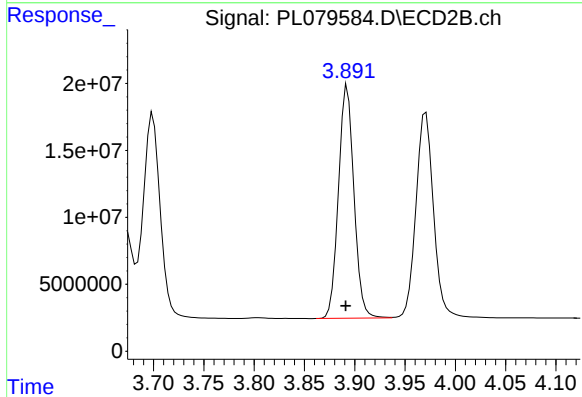
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 130338351
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

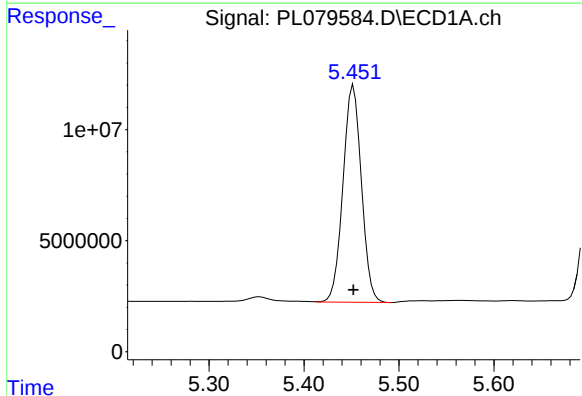
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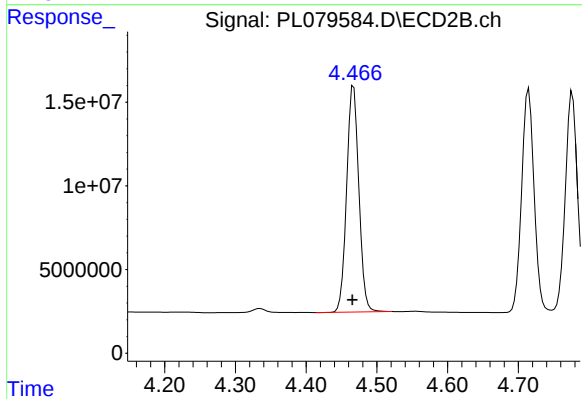
#7 delta-BHC

R.T.: 3.893 min
Delta R.T.: 0.002 min
Response: 186031747
Conc: 48.35 ng/ml



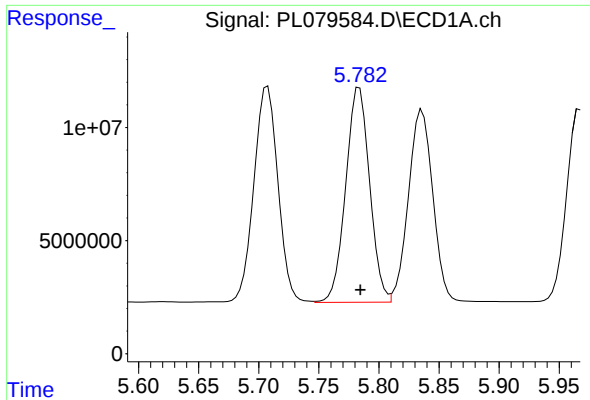
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 131821860
Conc: 46.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 162305070
Conc: 48.09 ng/ml



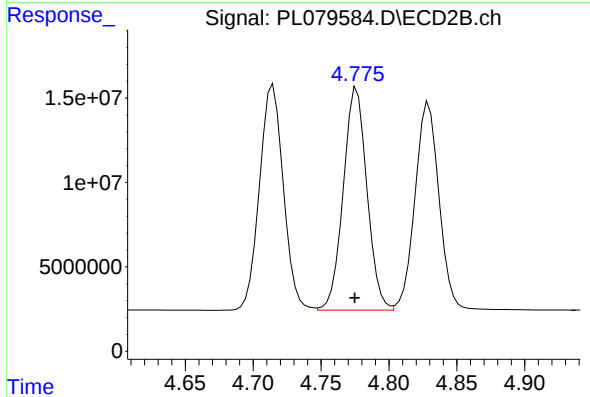
#11 alpha-Chlordane

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 131774223
Conc: 45.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

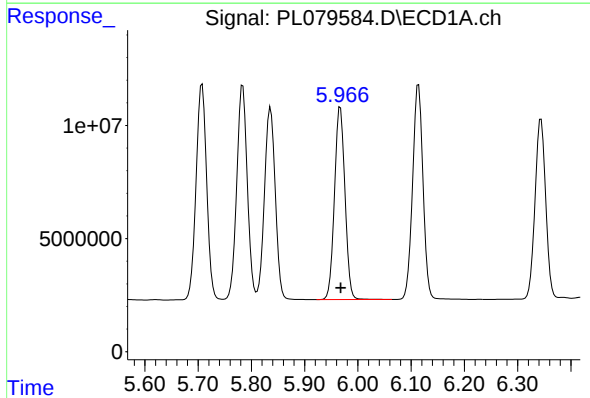
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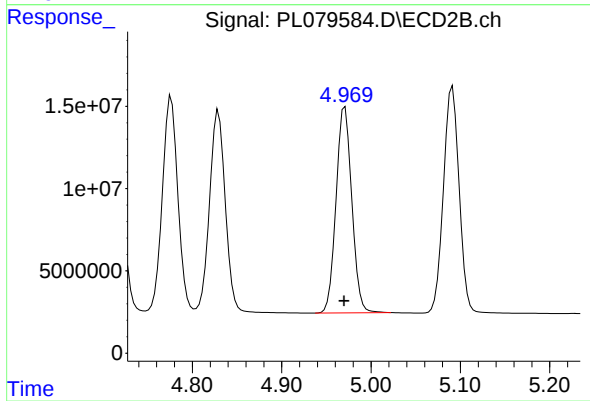
#11 alpha-Chlordane

R.T.: 4.776 min
Delta R.T.: 0.002 min
Response: 160315312
Conc: 47.87 ng/ml



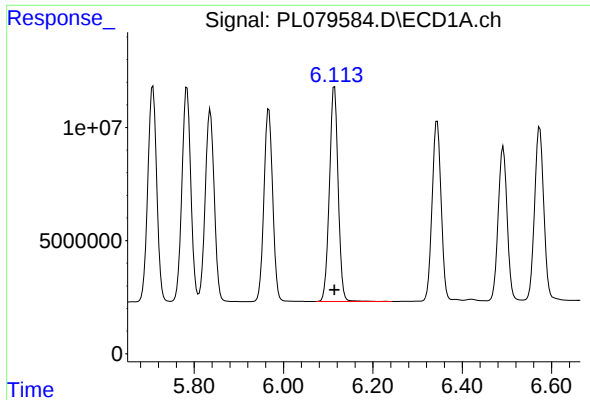
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 116282932
Conc: 46.54 ng/ml



#12 4,4'-DDE

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 153155974
Conc: 49.95 ng/ml



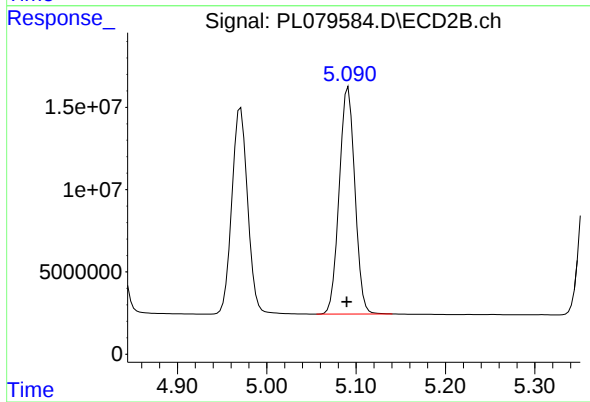
#13 Dieldrin

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 129125542
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

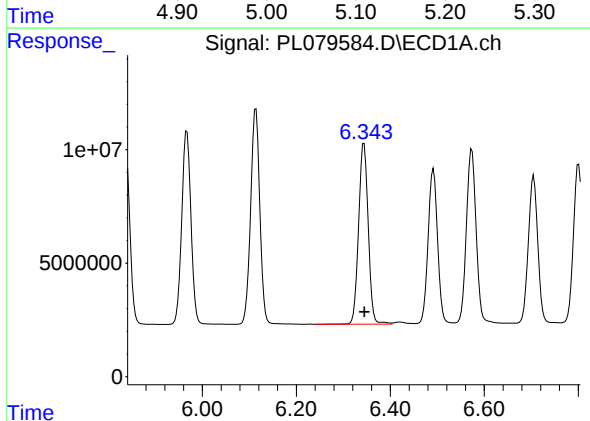
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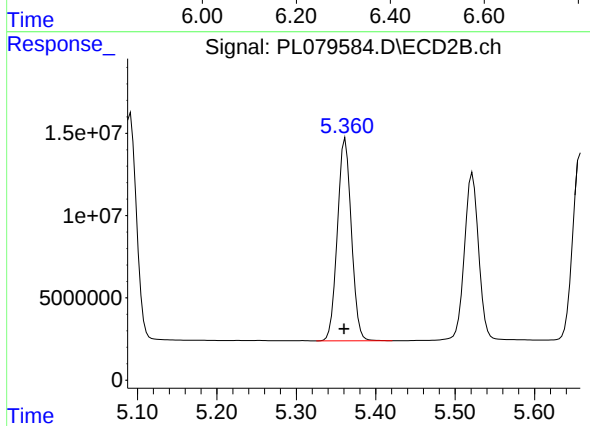
#13 Dieldrin

R.T.: 5.091 min
Delta R.T.: 0.002 min
Response: 167832527
Conc: 49.78 ng/ml



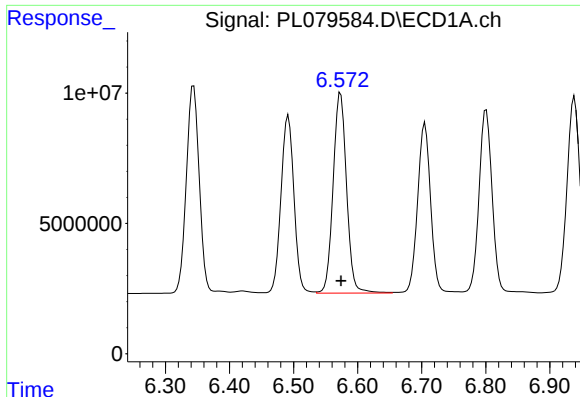
#14 Endrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 112878101
Conc: 46.66 ng/ml



#14 Endrin

R.T.: 5.362 min
Delta R.T.: 0.002 min
Response: 150543156
Conc: 49.77 ng/ml



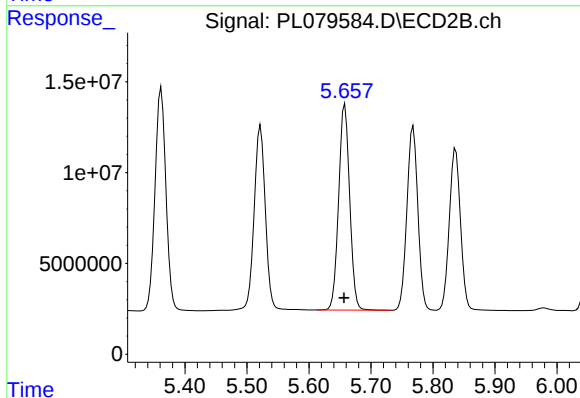
#15 Endosulfan II

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 112350378
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

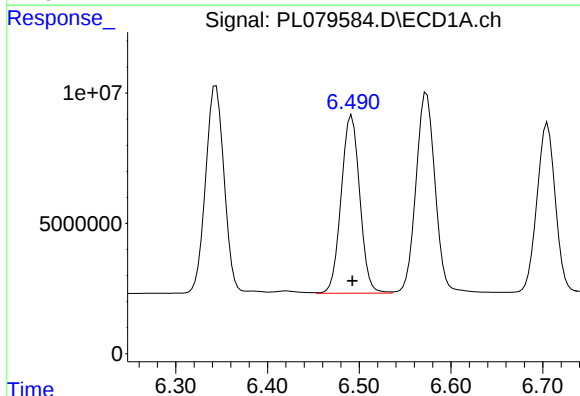
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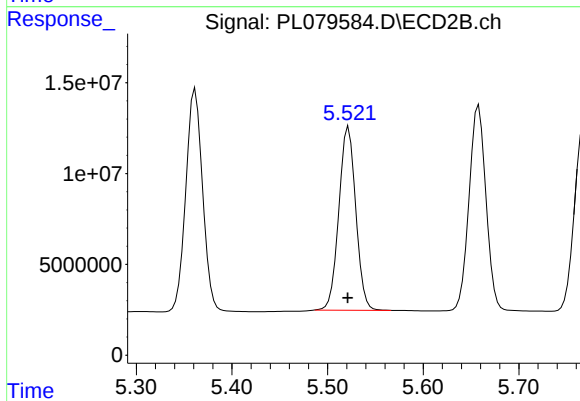
#15 Endosulfan II

R.T.: 5.658 min
Delta R.T.: 0.001 min
Response: 140838567
Conc: 50.33 ng/ml



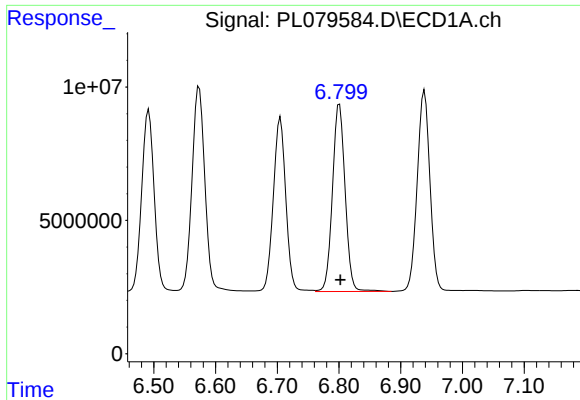
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 96012695
Conc: 48.39 ng/ml



#16 4,4'-DDD

R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 124435675
Conc: 49.74 ng/ml



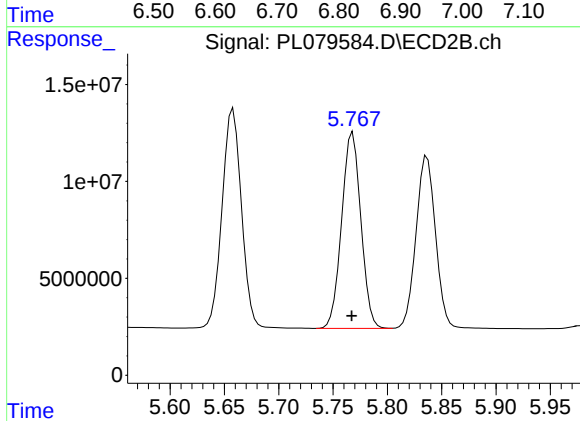
#17 4,4'-DDT

R.T.: 6.801 min
Delta R.T.: -0.002 min
Response: 100216092
Conc: 44.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

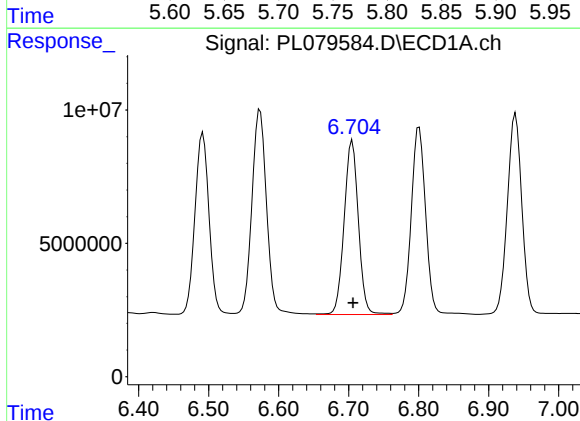
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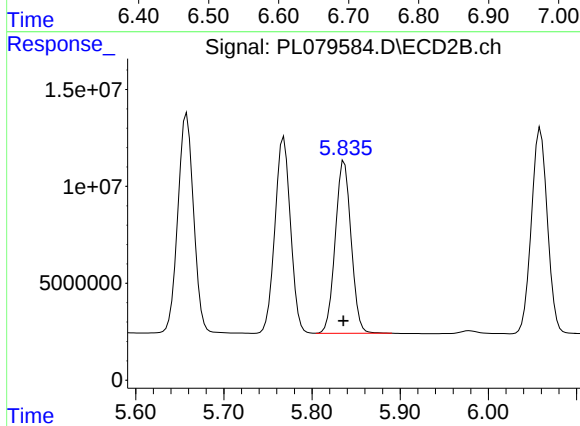
#17 4,4'-DDT

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 124605892
Conc: 47.68 ng/ml



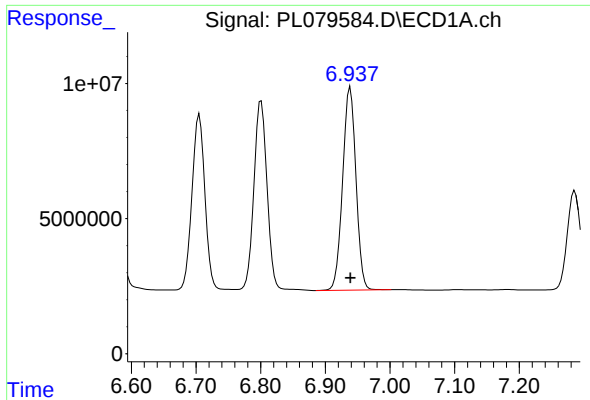
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 92283271
Conc: 50.95 ng/ml



#18 Endrin aldehyde

R.T.: 5.837 min
Delta R.T.: 0.001 min
Response: 111043158
Conc: 52.17 ng/ml



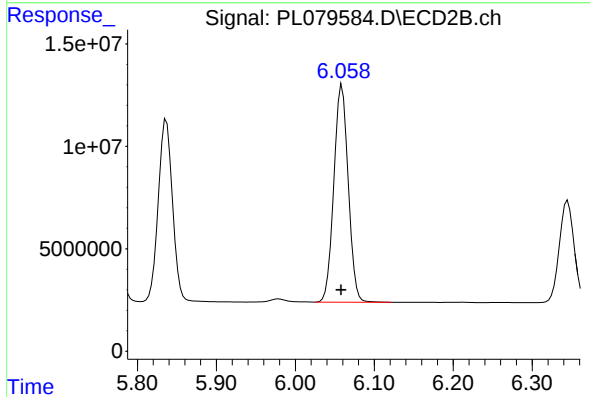
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 107432727
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

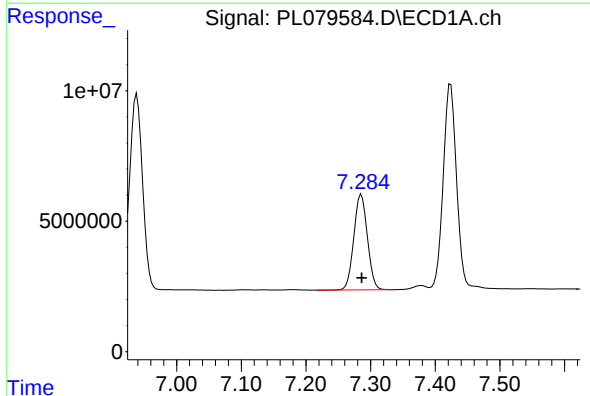
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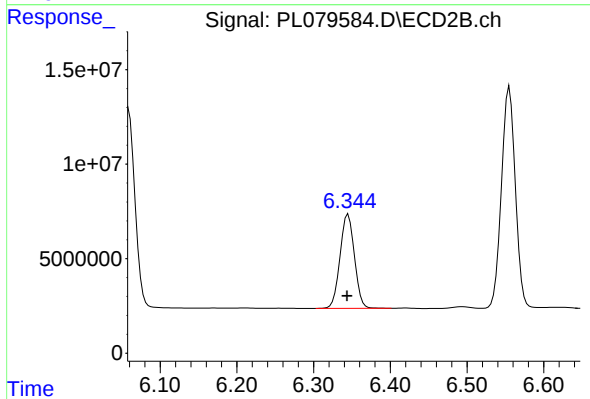
#19 Endosulfan Sulfate

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 134186754
Conc: 47.56 ng/ml



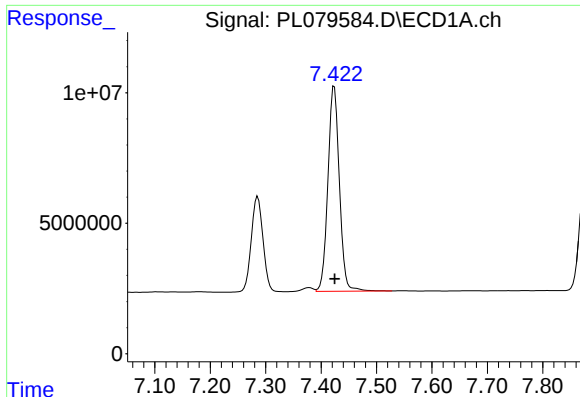
#20 Methoxychlor

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 53357176
Conc: 44.23 ng/ml



#20 Methoxychlor

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 65079743
Conc: 47.88 ng/ml



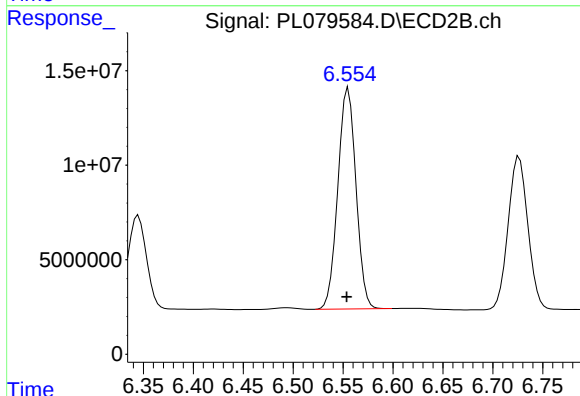
#21 Endrin ketone

R.T.: 7.424 min
Delta R.T.: -0.001 min
Response: 113364597
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

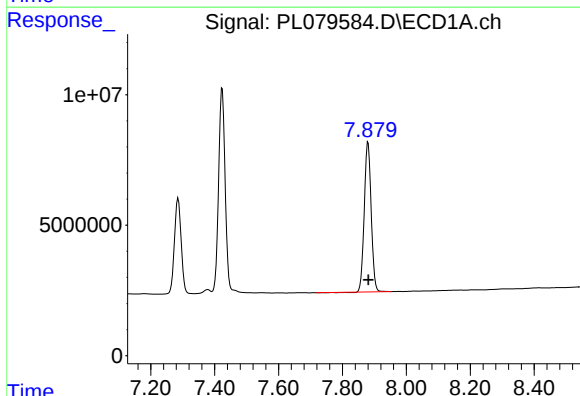
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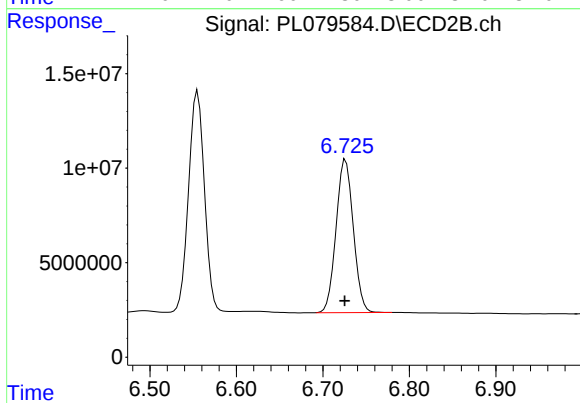
#21 Endrin ketone

R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 147918842
Conc: 48.03 ng/ml



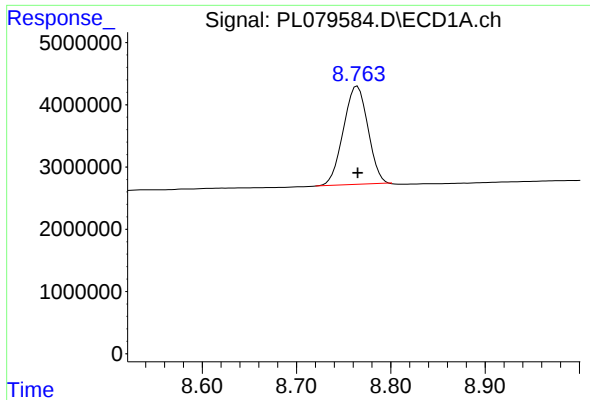
#22 Mirex

R.T.: 7.880 min
Delta R.T.: -0.001 min
Response: 85733050
Conc: 45.26 ng/ml



#22 Mirex

R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 111507243
Conc: 47.15 ng/ml



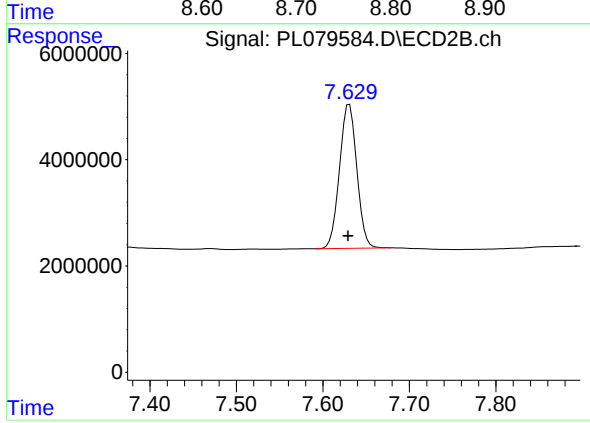
#28 Decachlorobiphenyl

R.T.: 8.763 min
Delta R.T.: -0.002 min
Response: 28606334
Conc: 14.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.631 min
Delta R.T.: 0.001 min
Response: 37527771
Conc: 15.97 ng/ml