

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052820\
 Data File : PL058961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 18:00
 Operator : AJ\MA
 Sample : L2776-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 351MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:21:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 11:27:53 2020
 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...	3.528	4.076	30996972	39101030	16.905	14.437
2)	SA Decachlor...	8.308	9.188	25848073	40655616	15.299	15.422m
Target Compounds							
2)	A alpha-BHC	3.970	4.468	131.3E6	176.2E6	48.304m	43.895m
3)	MA gamma-BHC...	4.259	4.755	180.0E6	204.4E6	76.247	53.931m#
4)	MA Heptachlor	4.562	5.270	112.8E6	169.4E6	50.171m	44.213m
5)	MB Aldrin	4.814	5.578	97371301	159.0E6	50.295	46.617m
6)	B beta-BHC	4.505	4.923	53108699	52443275	51.674m	30.139m#
7)	B delta-BHC	4.714	5.145	110.3E6	154.0E6	51.456	42.221
8)	B Heptachlo...	5.259	5.966	93687024	140.8E6	50.761	42.680m
9)	A Endosulfan I	5.605	6.326	69939240	130.5E6	41.201m	44.385
10)	B gamma-Chl...	5.488	6.202	94580358	156.6E6	51.589	47.293
11)	B alpha-Chl...	5.546	6.275	98083085	142.3E6	53.603	43.807
12)	B 4,4'-DDE	5.710	6.429	90004534	122.0E6	54.811	42.757
13)	MA Dieldrin	5.845	6.584	103.6E6	138.5E6	58.992	45.731
14)	MA Endrin	6.102	6.803	85614292	112.3E6	54.626	44.999
15)	B Endosulfa...	6.375	7.011	93130542	140.0E6	55.898	49.946
16)	A 4,4'-DDD	6.225	6.919	57743750	128.0E6	40.793m	53.659m#
17)	MA 4,4'-DDT	6.469	7.220	76958744	118.0E6	52.907	49.634
18)	B Endrin al...	6.543	7.135	72671902	115.2E6	51.496	48.803
19)	B Endosulfa...	6.756	7.358	88764171	124.0E6	54.407	47.189
20)	A Methoxychlor	7.015	7.676	41507746	74475940	48.659	53.400m
21)	B Endrin ke...	7.249	7.832	85974147	139.2E6	46.620	50.238
22)	Mirex	7.443	8.289	68872298	92513482	44.530	42.212

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052820\
Data File : PL058961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2020 18:00
Operator : AJ\MA
Sample : L2776-02MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

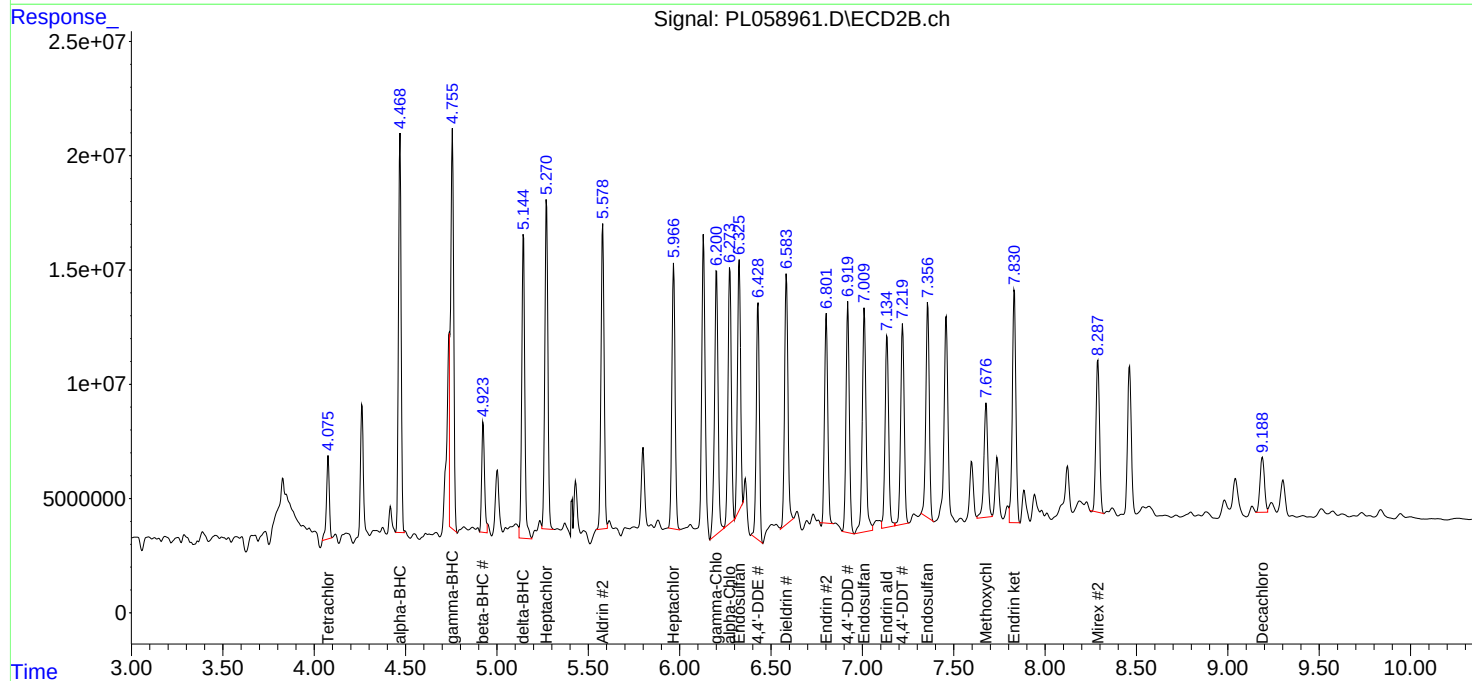
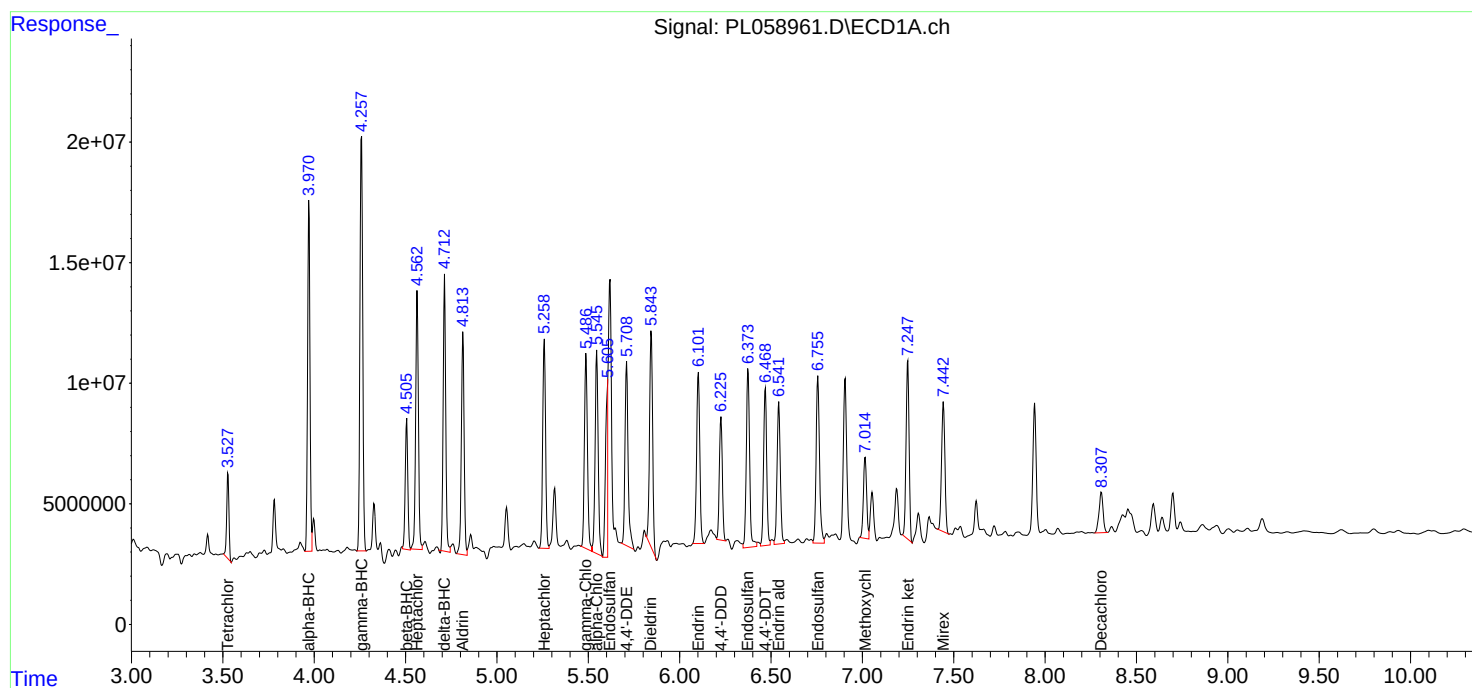
Instrument :
ECD_L
ClientSampleId :
351MSD

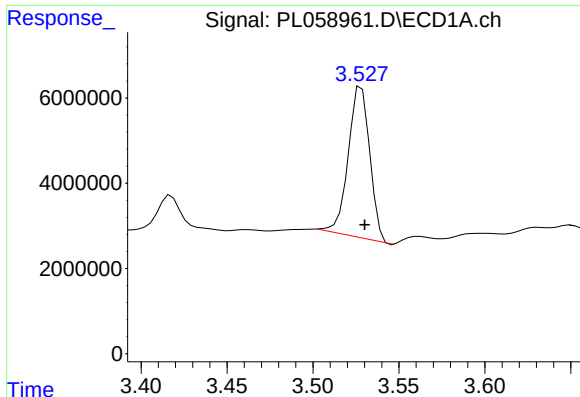
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 01:21:47 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052020.M
Quant Title : GC Extractables
QLast Update : Wed May 20 11:27:53 2020
Response 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





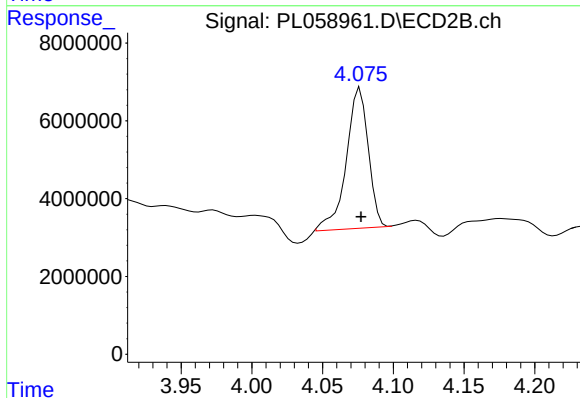
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 30996972
Conc: 16.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

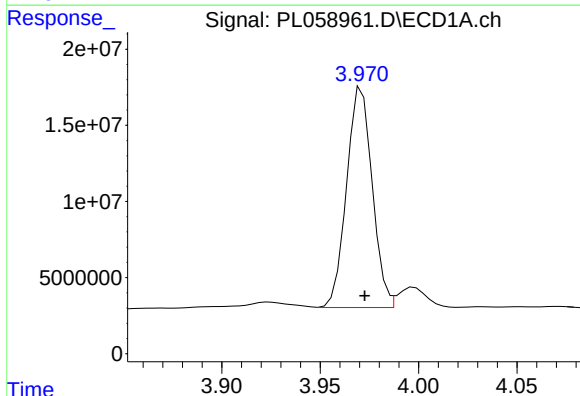
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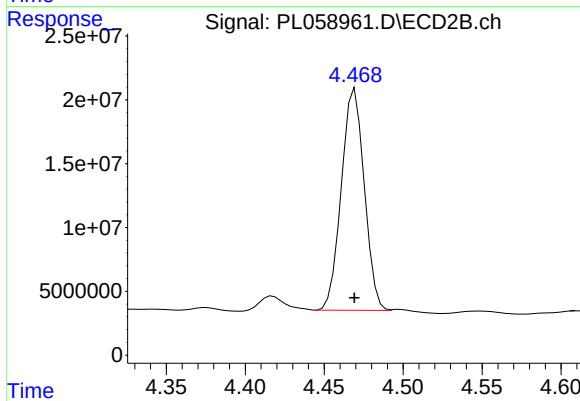
#1 Tetrachloro-m-xylene

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 39101030
Conc: 14.44 ng/ml



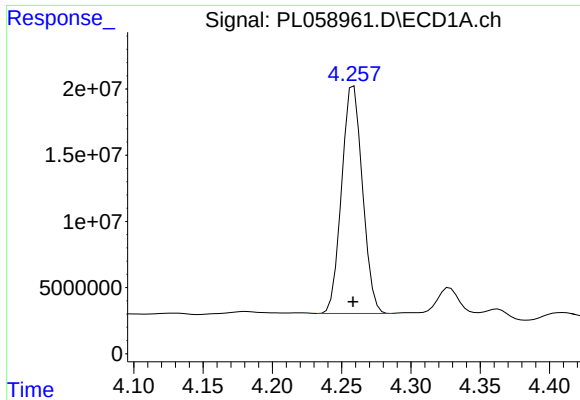
#2 alpha-BHC

R.T.: 3.970 min
Delta R.T.: -0.003 min
Response: 131331868
Conc: 48.30 ng/ml m



#2 alpha-BHC

R.T.: 4.468 min
Delta R.T.: -0.001 min
Response: 176162910
Conc: 43.90 ng/ml m



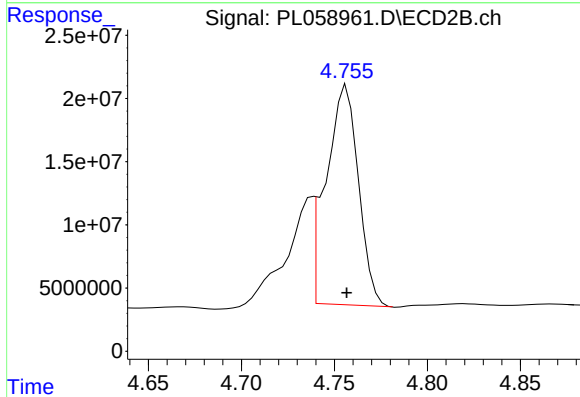
#3 gamma-BHC (Lindane)

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 179960320
Conc: 76.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

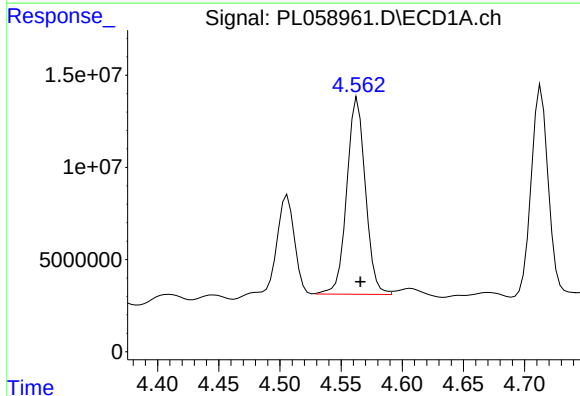
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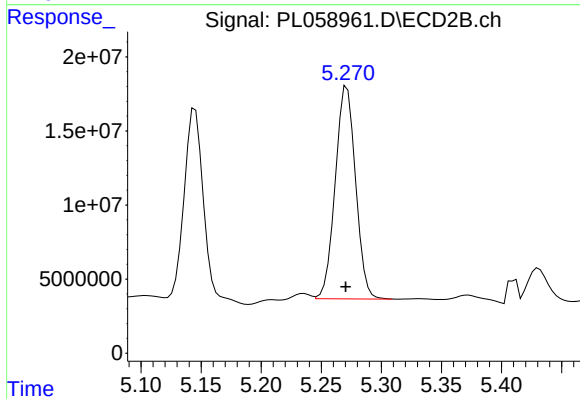
#3 gamma-BHC (Lindane)

R.T.: 4.755 min
Delta R.T.: -0.001 min
Response: 204388357
Conc: 53.93 ng/ml m



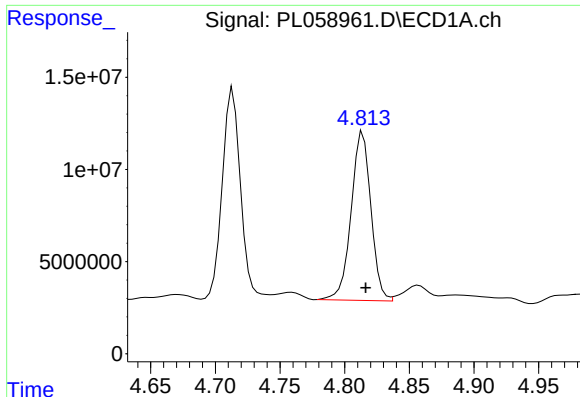
#4 Heptachlor

R.T.: 4.562 min
Delta R.T.: -0.004 min
Response: 112807284
Conc: 50.17 ng/ml m



#4 Heptachlor

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 169353748
Conc: 44.21 ng/ml m



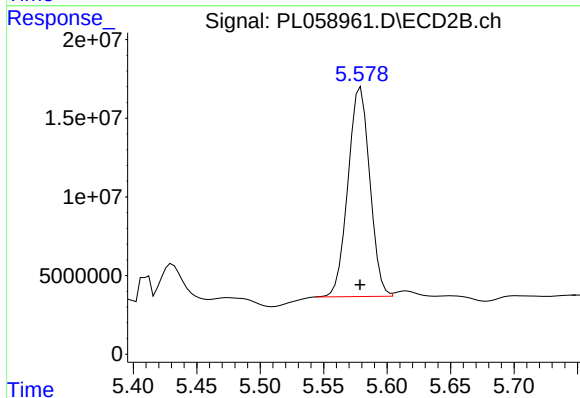
#5 Aldrin

R.T.: 4.814 min
Delta R.T.: -0.002 min
Response: 97371301
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

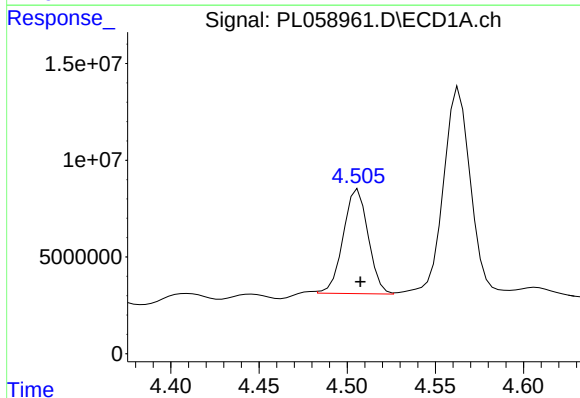
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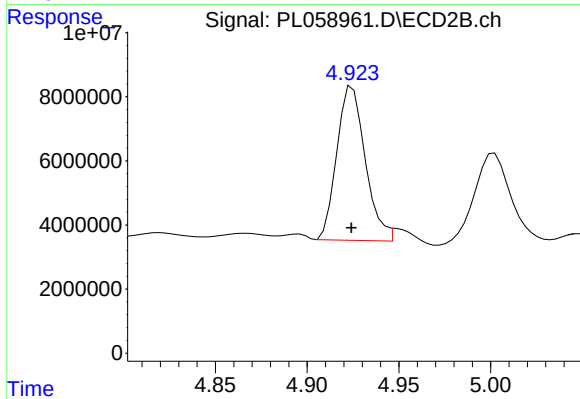
#5 Aldrin

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 159019020
Conc: 46.62 ng/ml m



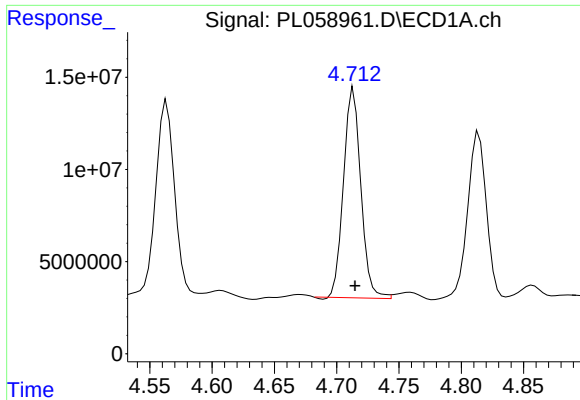
#6 beta-BHC

R.T.: 4.505 min
Delta R.T.: -0.003 min
Response: 53108699
Conc: 51.67 ng/ml m



#6 beta-BHC

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 52443275
Conc: 30.14 ng/ml m



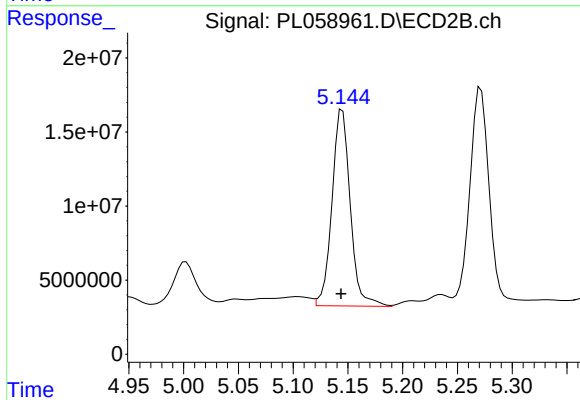
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 110330072
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

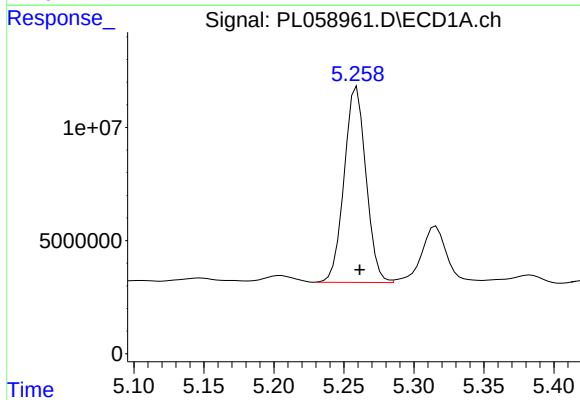
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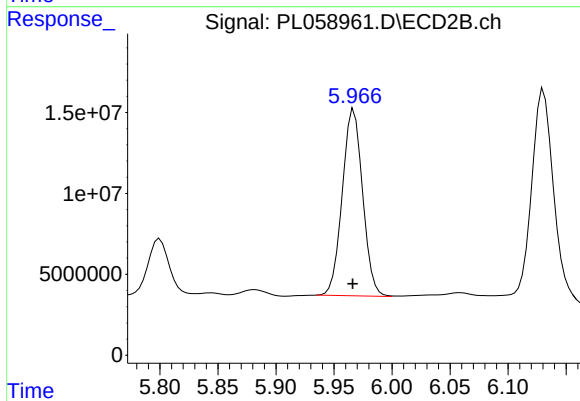
#7 delta-BHC

R.T.: 5.145 min
Delta R.T.: 0.001 min
Response: 153984479
Conc: 42.22 ng/ml



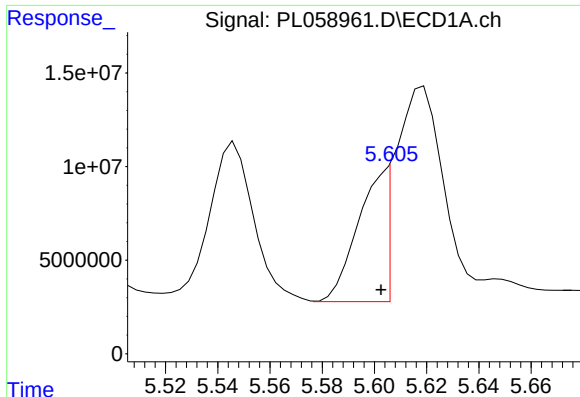
#8 Heptachlor epoxide

R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 93687024
Conc: 50.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 140767223
Conc: 42.68 ng/ml m



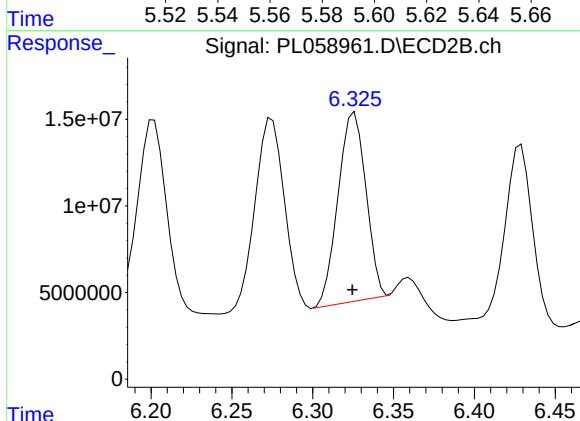
#9 Endosulfan I

R.T.: 5.605 min
Delta R.T.: 0.003 min
Response: 69939240
Conc: 41.20 ng/ml m

Instrument :
ECD_L
ClientSampleId :
351MSD

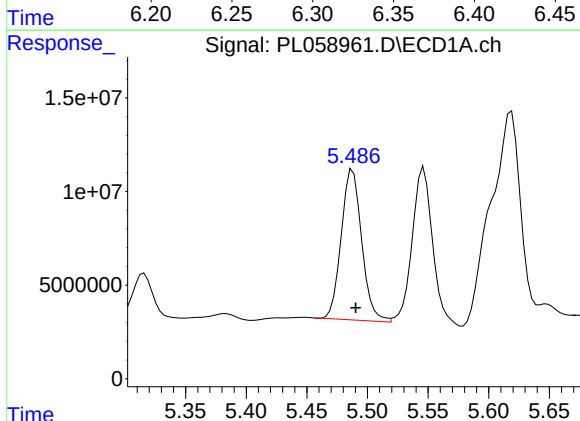
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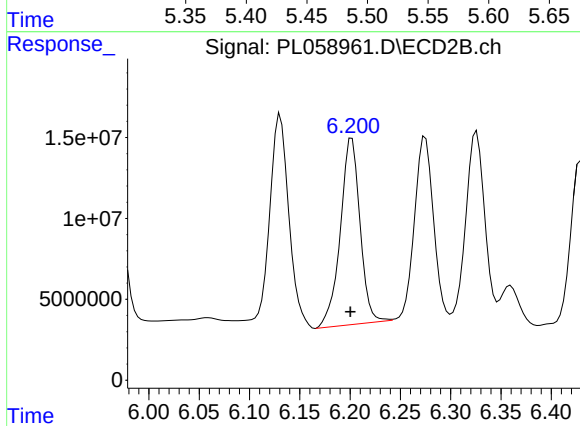
#9 Endosulfan I

R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 130481821
Conc: 44.39 ng/ml



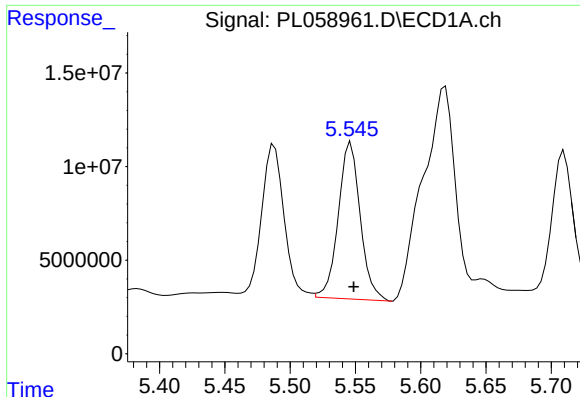
#10 gamma-Chlordane

R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 94580358
Conc: 51.59 ng/ml



#10 gamma-Chlordane

R.T.: 6.202 min
Delta R.T.: 0.002 min
Response: 156643089
Conc: 47.29 ng/ml



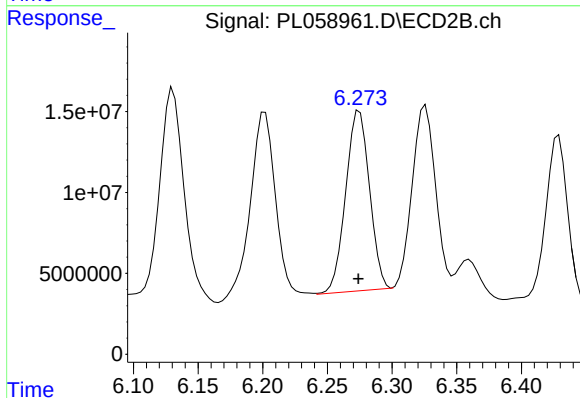
#11 alpha-Chlordane

R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 98083085
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

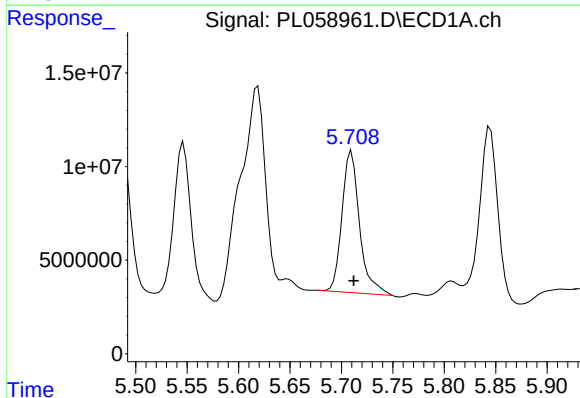
Manual Integrations
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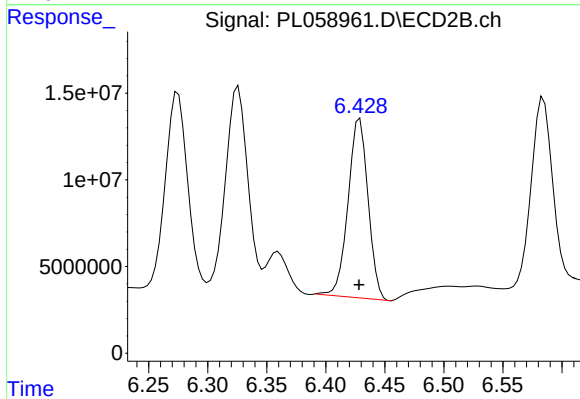
#11 alpha-Chlordane

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 142289442
Conc: 43.81 ng/ml



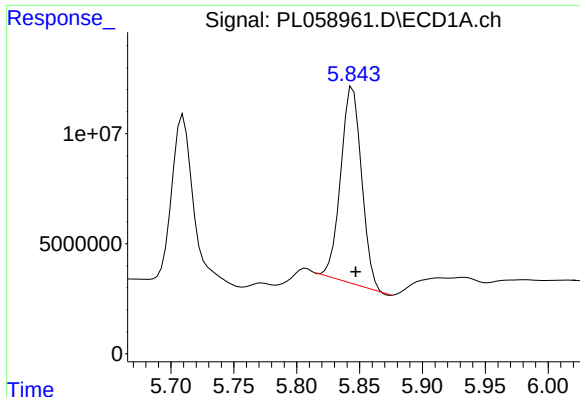
#12 4,4'-DDE

R.T.: 5.710 min
Delta R.T.: -0.002 min
Response: 90004534
Conc: 54.81 ng/ml



#12 4,4'-DDE

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 122026055
Conc: 42.76 ng/ml



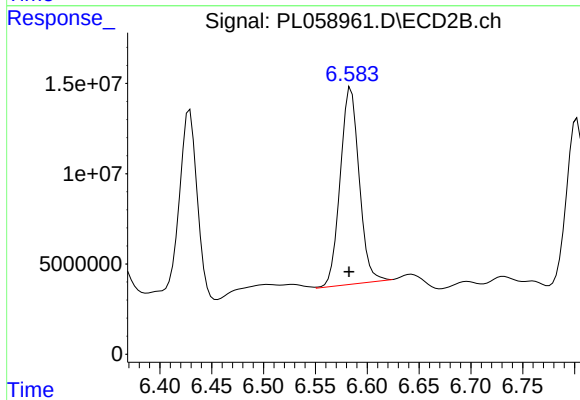
#13 Dieldrin

R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 103550384
Conc: 58.99 ng/ml

Instrument :
ECD_L
ClientSampled :
351MSD

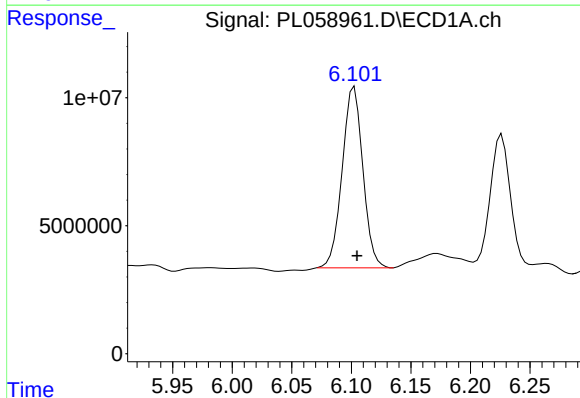
Manual Integrations
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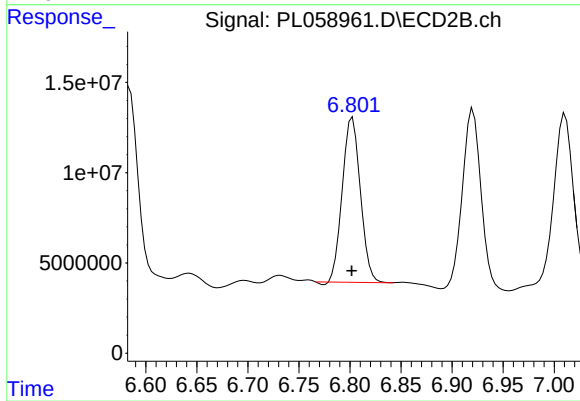
#13 Dieldrin

R.T.: 6.584 min
Delta R.T.: 0.002 min
Response: 138523222
Conc: 45.73 ng/ml



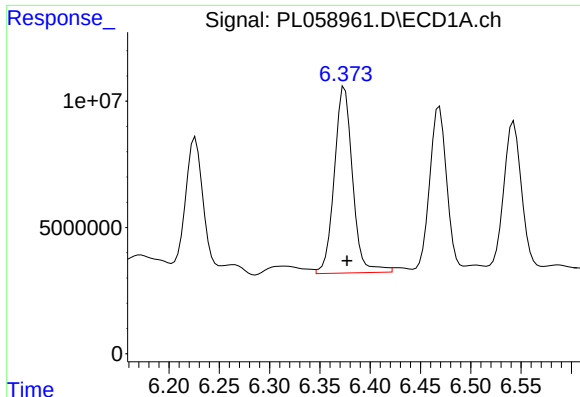
#14 Endrin

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 85614292
Conc: 54.63 ng/ml



#14 Endrin

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 112286720
Conc: 45.00 ng/ml



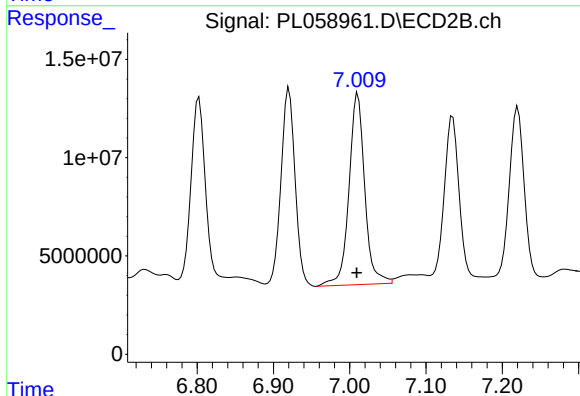
#15 Endosulfan II

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 93130542
Conc: 55.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

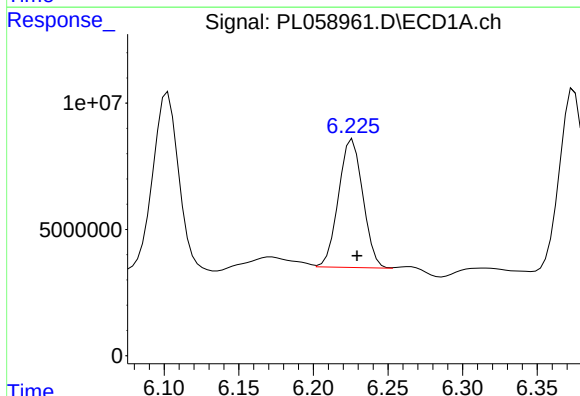
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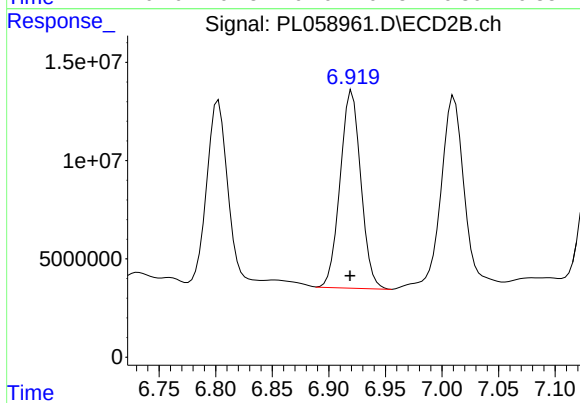
#15 Endosulfan II

R.T.: 7.011 min
Delta R.T.: 0.001 min
Response: 140000730
Conc: 49.95 ng/ml



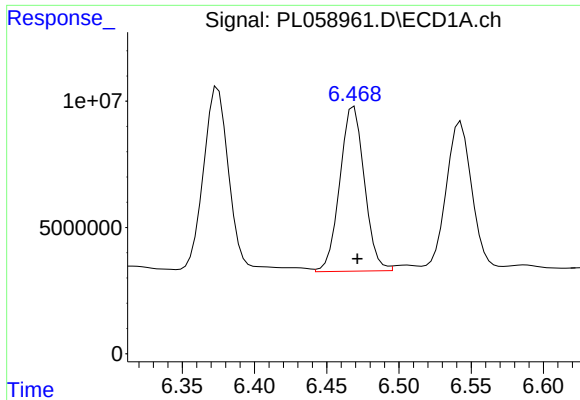
#16 4,4'-DDD

R.T.: 6.225 min
Delta R.T.: -0.004 min
Response: 57743750
Conc: 40.79 ng/ml m



#16 4,4'-DDD

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 128023152
Conc: 53.66 ng/ml m



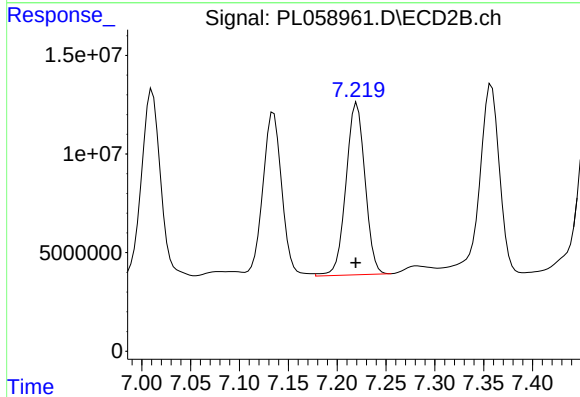
#17 4,4'-DDT

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 76958744
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

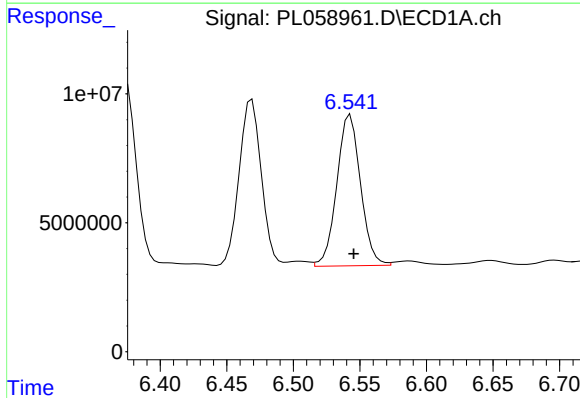
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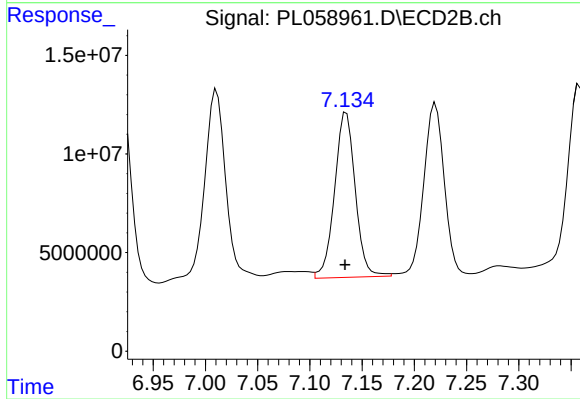
#17 4,4'-DDT

R.T.: 7.220 min
Delta R.T.: 0.001 min
Response: 118033975
Conc: 49.63 ng/ml



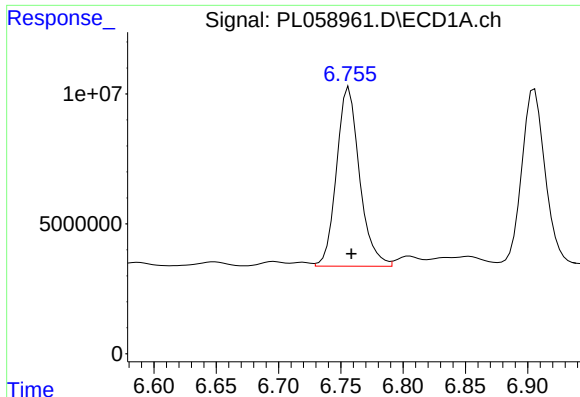
#18 Endrin aldehyde

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 72671902
Conc: 51.50 ng/ml



#18 Endrin aldehyde

R.T.: 7.135 min
Delta R.T.: 0.001 min
Response: 115156292
Conc: 48.80 ng/ml



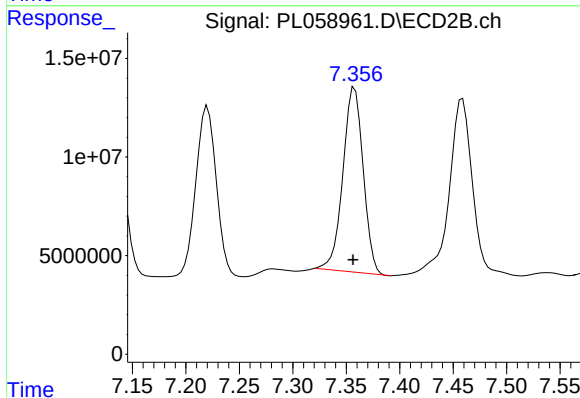
#19 Endosulfan Sulfate

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 88764171
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

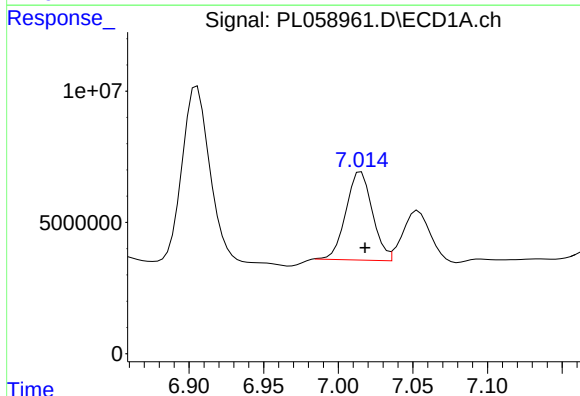
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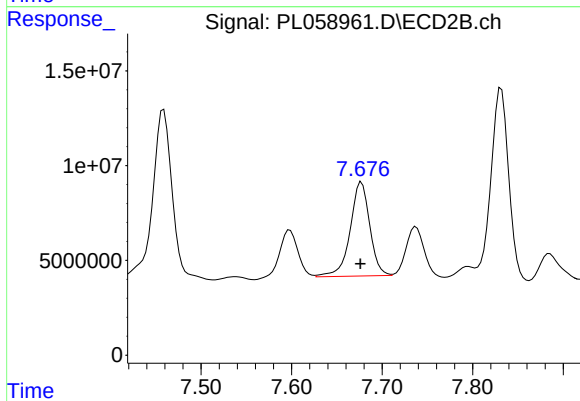
#19 Endosulfan Sulfate

R.T.: 7.358 min
Delta R.T.: 0.002 min
Response: 124009149
Conc: 47.19 ng/ml



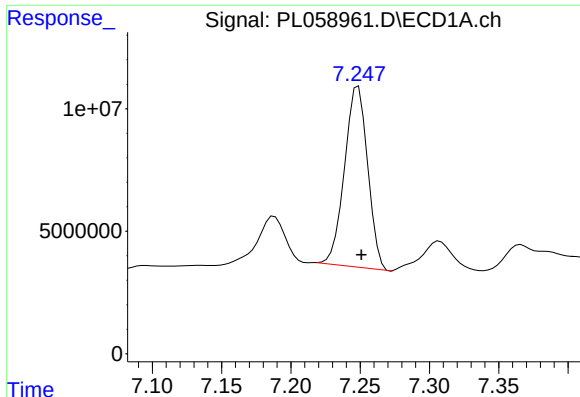
#20 Methoxychlor

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 41507746
Conc: 48.66 ng/ml



#20 Methoxychlor

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 74475940
Conc: 53.40 ng/ml m



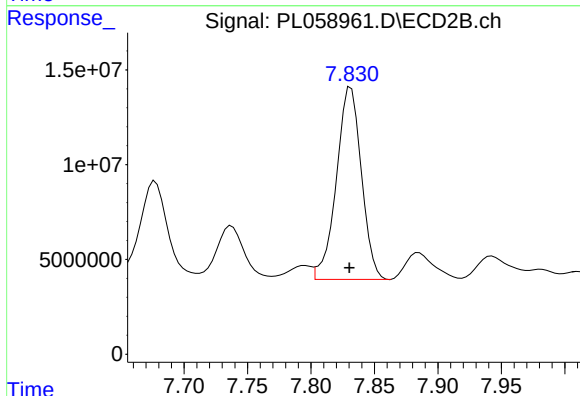
#21 Endrin ketone

R.T.: 7.249 min
Delta R.T.: -0.002 min
Response: 85974147
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

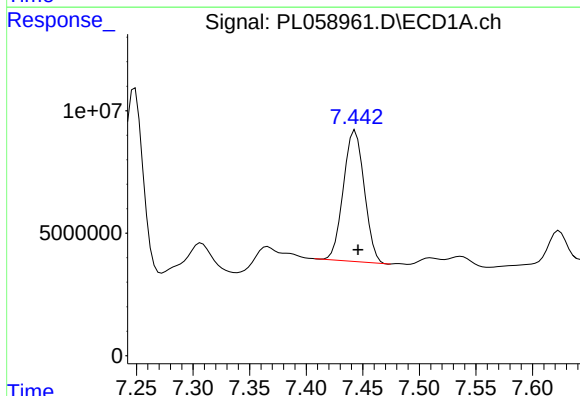
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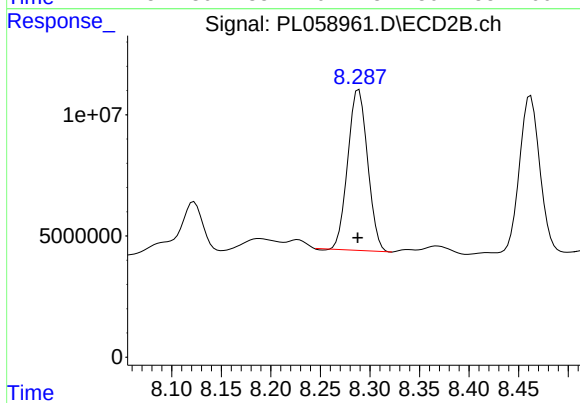
#21 Endrin ketone

R.T.: 7.832 min
Delta R.T.: 0.001 min
Response: 139175564
Conc: 50.24 ng/ml



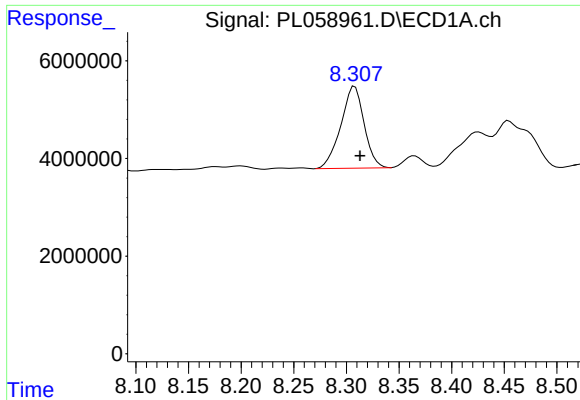
#22 Mirex

R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 68872298
Conc: 44.53 ng/ml



#22 Mirex

R.T.: 8.289 min
Delta R.T.: 0.001 min
Response: 92513482
Conc: 42.21 ng/ml



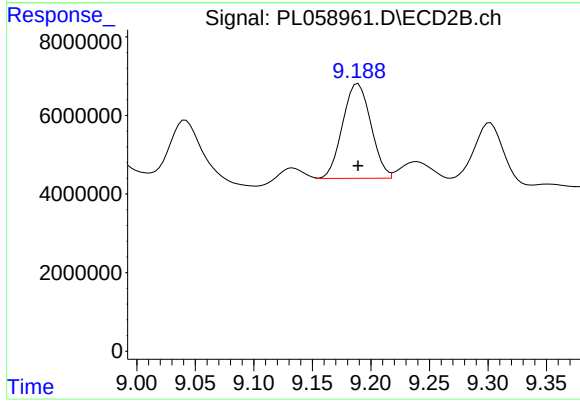
#28 Decachlorobiphenyl

R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 25848073
Conc: 15.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

Manual Integrations
APPROVED

mohammad
6/1/2020 1:25:41 PM



#28 Decachlorobiphenyl

R.T.: 9.188 min
Delta R.T.: -0.001 min
Response: 40655616
Conc: 15.42 ng/ml m