

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061322\
 Data File : PL075741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2022 19:17
 Operator : AR\AJ
 Sample : N3324-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BT-SPOILS-07MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/14/2022
 Supervised By : Ankita Jodhani 06/14/2022

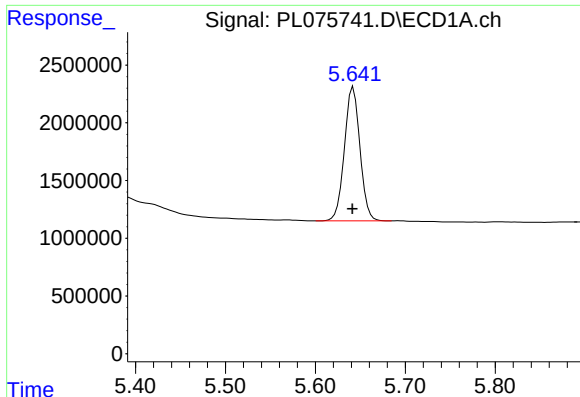
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 23:22:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 02:04:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.642	4.637	13911403	32872874	20.613	19.588
28)	SA Decachlor...	11.637	10.380	12766013	26858978	20.852	19.063
Target Compounds							
2)	A alpha-BHC	6.226	5.339	55667566	135.1E6	59.223	59.663
3)	MA gamma-BHC...	6.624	5.759	53343233	123.6E6	60.773	57.000
4)	MA Heptachlor	7.279	6.167	52738295	117.3E6	57.353	55.025
5)	MB Aldrin	7.653	6.491	51733368	112.8E6	63.008	57.452
6)	B beta-BHC	6.877	6.138	23237709	50257173	56.620	51.202
7)	B delta-BHC	7.147	6.398	48817085	120.2E6	63.442	56.169
8)	B Heptachlo...	8.120	7.064	46207650	102.2E6	59.778	55.829
9)	A Endosulfan I	8.529	7.466	41668849	92860590	59.554	55.520
10)	B gamma-Chl...	8.391	7.341	46422587	103.3E6	59.780	56.353
11)	B alpha-Chl...	8.473	7.410	45286196	101.7E6	59.384	55.701
12)	B 4,4'-DDE	8.658	7.622	40384419	92878588	61.020	58.094
13)	MA Dieldrin	8.820	7.750	43785471	99478486	60.608	58.773m
14)	MA Endrin	9.060	8.042	37086842	81451213	62.550	59.579
15)	B Endosulfa...	9.293	8.351	37195846	84036851	59.773	58.641
16)	A 4,4'-DDD	9.200	8.205	33570666	72504015	61.355	55.138
17)	MA 4,4'-DDT	9.520	8.464	36167698	80425017	56.461	57.211m
18)	B Endrin al...	9.428	8.539	30346612	64398829	59.251	57.175
19)	B Endosulfa...	9.667	8.770	36764014	82652784	58.691	56.273
20)	A Methoxychlor	10.006	9.059	20081835	42516389	56.099	52.190
21)	B Endrin ke...	10.169	9.287	40170093	89036611	57.122	55.156
22)	Mirex	10.642	9.474	30448908	69117748	54.103	53.825

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



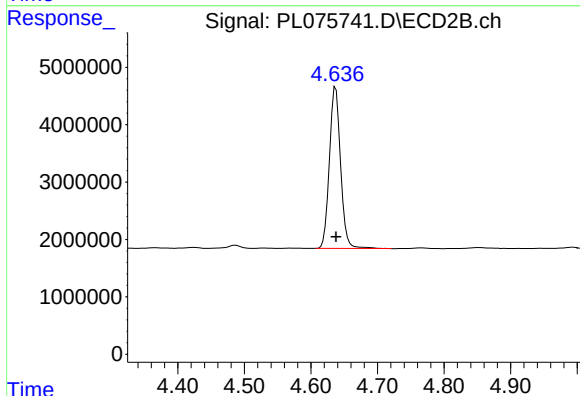
#1 Tetrachloro-m-xylene

R.T.: 5.642 min
Delta R.T.: 0.001 min
Response: 13911403
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

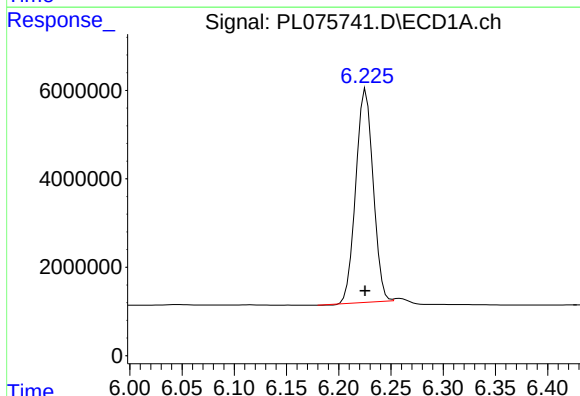
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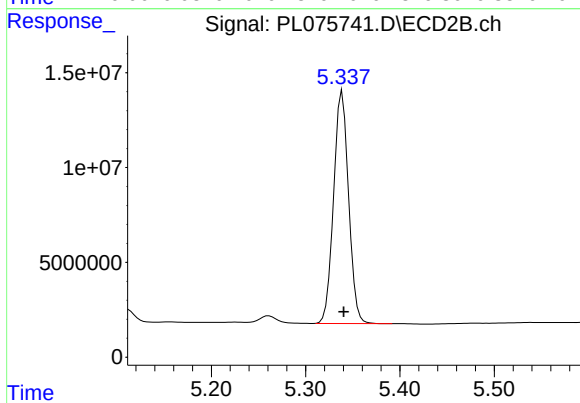
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 32872874
Conc: 19.59 ng/ml



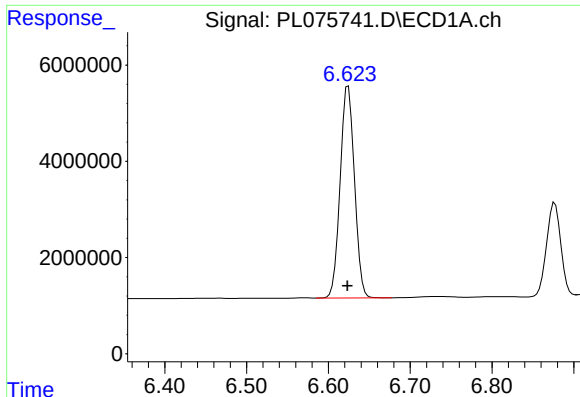
#2 alpha-BHC

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 55667566
Conc: 59.22 ng/ml



#2 alpha-BHC

R.T.: 5.339 min
Delta R.T.: -0.001 min
Response: 135093929
Conc: 59.66 ng/ml



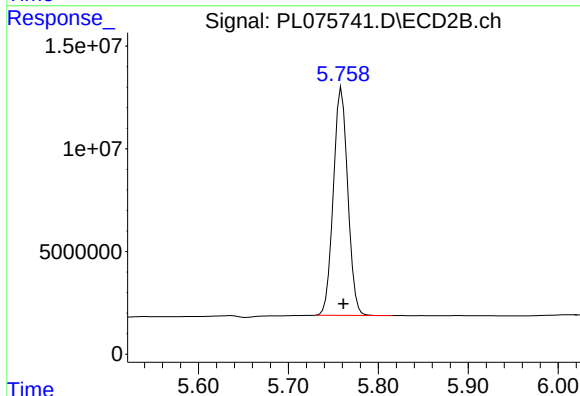
#3 gamma-BHC (Lindane)

R.T.: 6.624 min
Delta R.T.: 0.001 min
Response: 53343233
Conc: 60.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

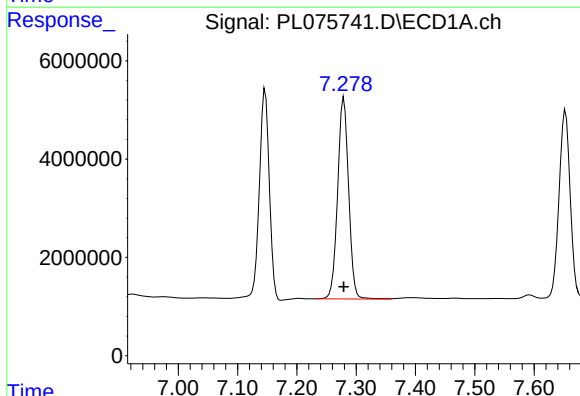
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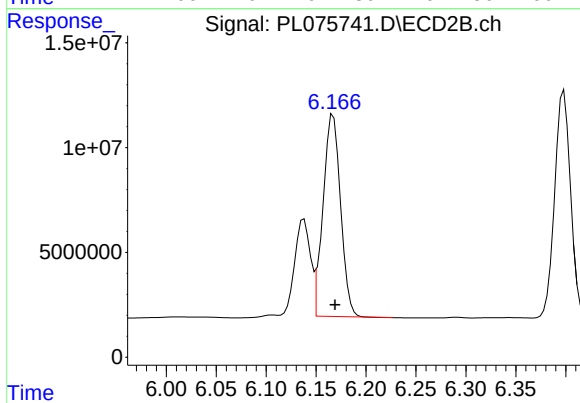
#3 gamma-BHC (Lindane)

R.T.: 5.759 min
Delta R.T.: -0.002 min
Response: 123608628
Conc: 57.00 ng/ml



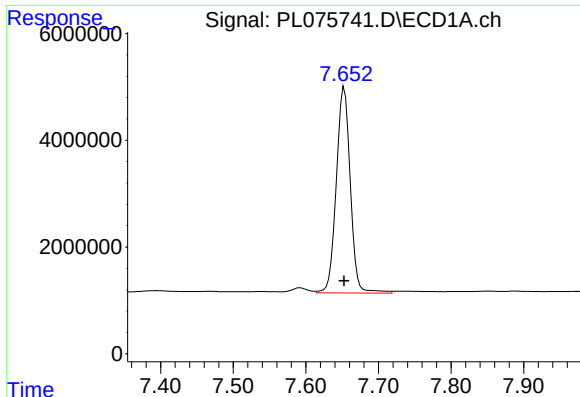
#4 Heptachlor

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 52738295
Conc: 57.35 ng/ml



#4 Heptachlor

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 117324138
Conc: 55.03 ng/ml



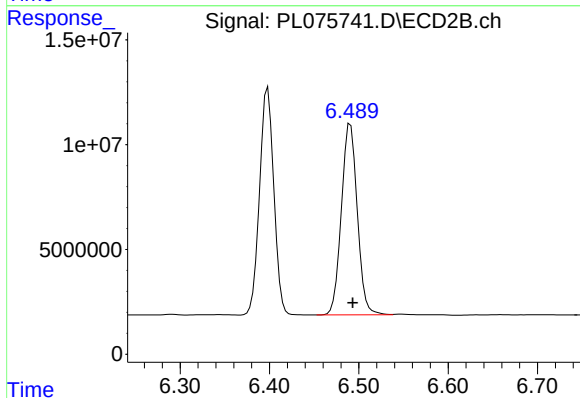
#5 Aldrin

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 51733368
Conc: 63.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

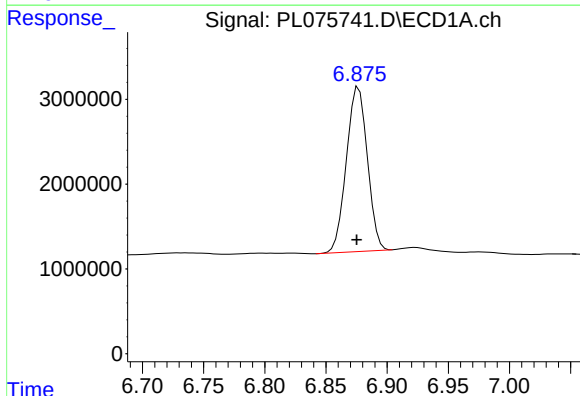
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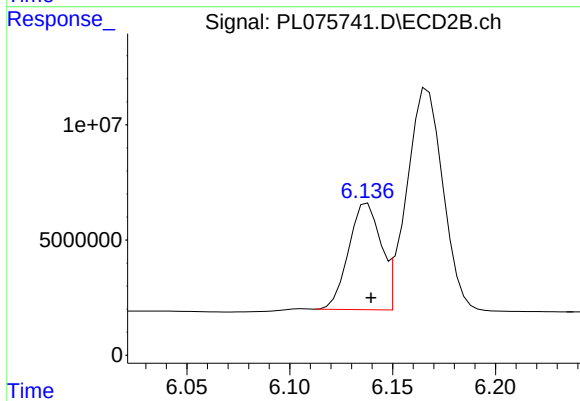
#5 Aldrin

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 112833779
Conc: 57.45 ng/ml



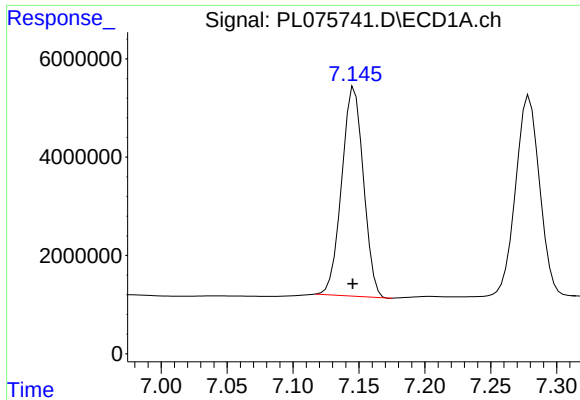
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 23237709
Conc: 56.62 ng/ml



#6 beta-BHC

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 50257173
Conc: 51.20 ng/ml



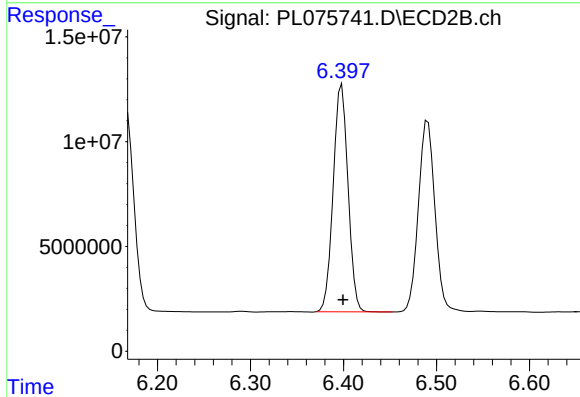
#7 delta-BHC

R.T.: 7.147 min
Delta R.T.: 0.001 min
Response: 48817085
Conc: 63.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

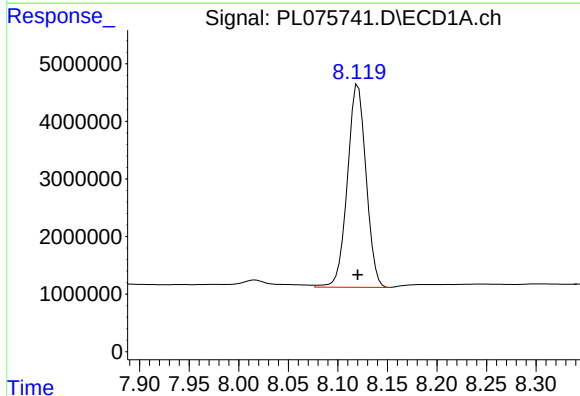
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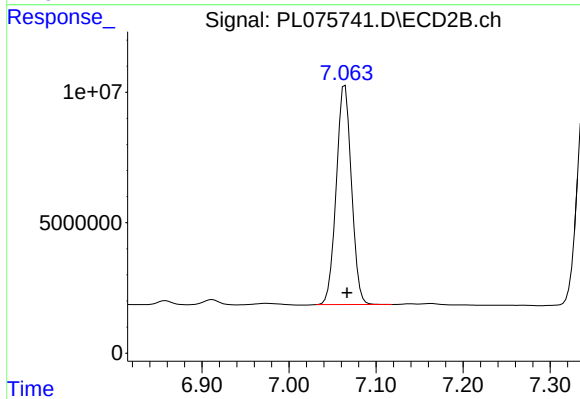
#7 delta-BHC

R.T.: 6.398 min
Delta R.T.: -0.001 min
Response: 120249928
Conc: 56.17 ng/ml



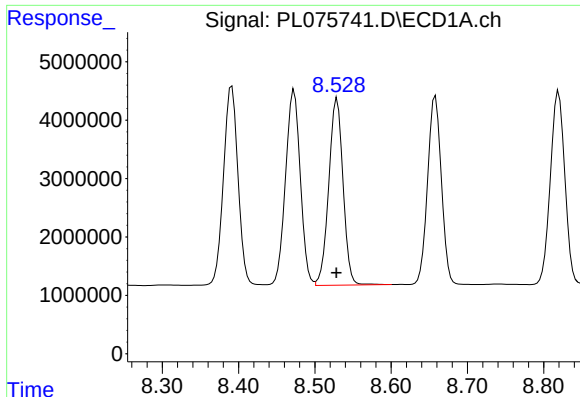
#8 Heptachlor epoxide

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 46207650
Conc: 59.78 ng/ml



#8 Heptachlor epoxide

R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 102158756
Conc: 55.83 ng/ml



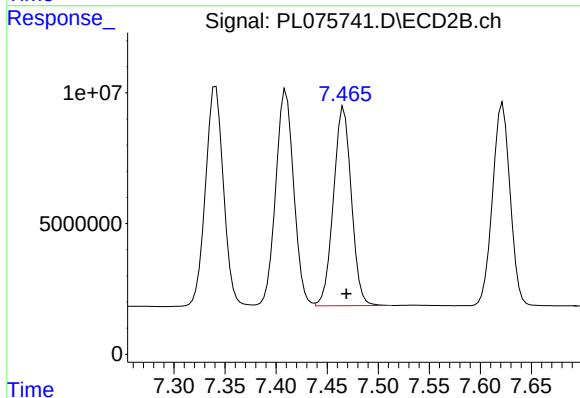
#9 Endosulfan I

R.T.: 8.529 min
Delta R.T.: 0.001 min
Response: 41668849
Conc: 59.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

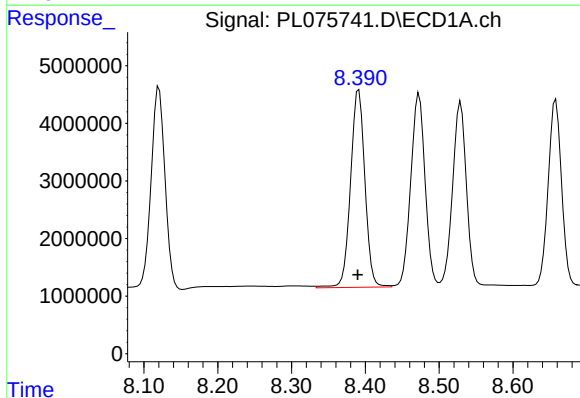
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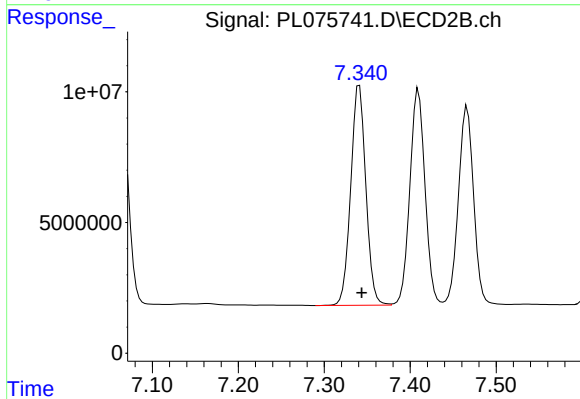
#9 Endosulfan I

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 92860590
Conc: 55.52 ng/ml



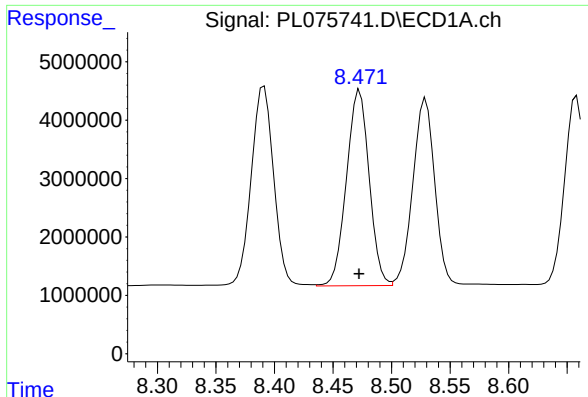
#10 gamma-Chlordane

R.T.: 8.391 min
Delta R.T.: 0.001 min
Response: 46422587
Conc: 59.78 ng/ml



#10 gamma-Chlordane

R.T.: 7.341 min
Delta R.T.: -0.003 min
Response: 103323437
Conc: 56.35 ng/ml



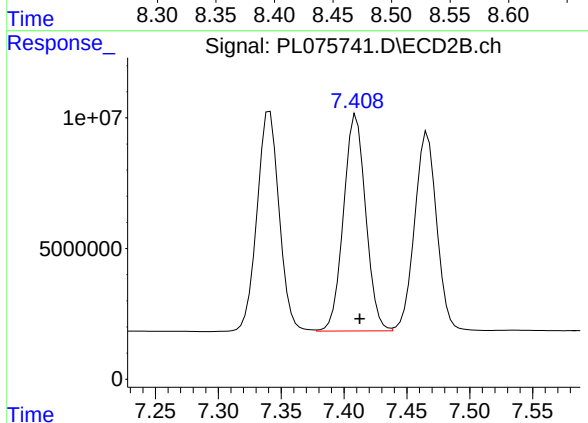
#11 alpha-Chlordane

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 45286196
Conc: 59.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

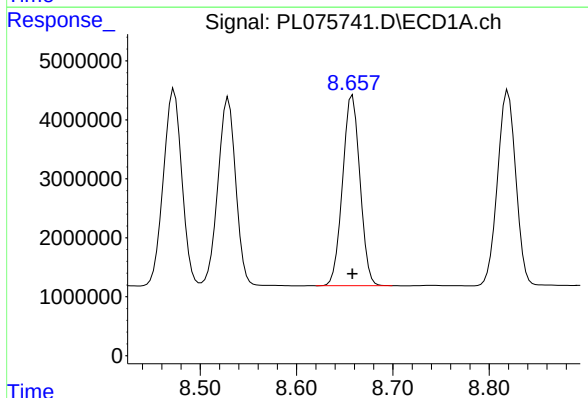
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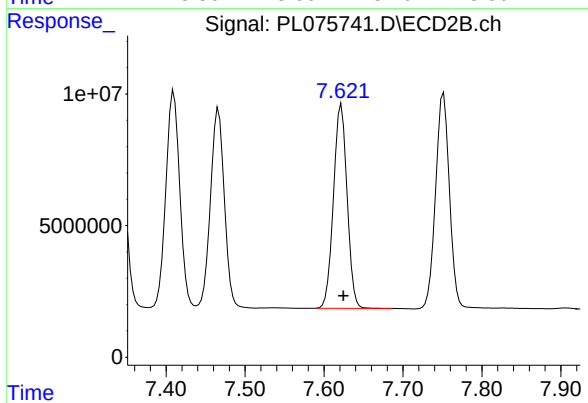
#11 alpha-Chlordane

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 101703120
Conc: 55.70 ng/ml



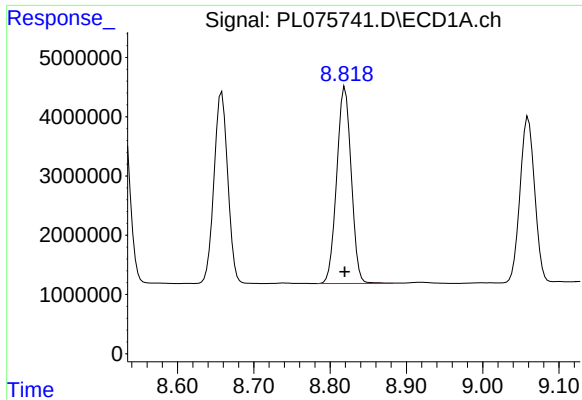
#12 4,4'-DDE

R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 40384419
Conc: 61.02 ng/ml



#12 4,4'-DDE

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 92878588
Conc: 58.09 ng/ml



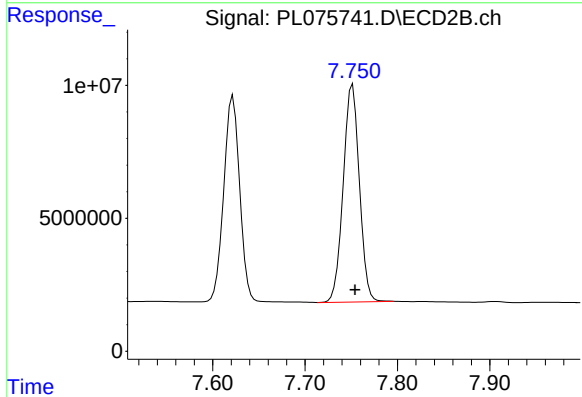
#13 Dieldrin

R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 43785471
Conc: 60.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

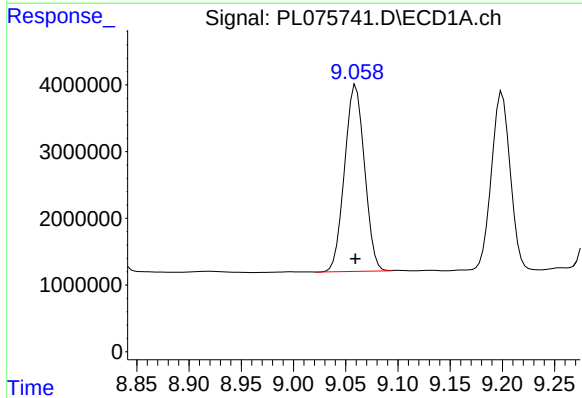
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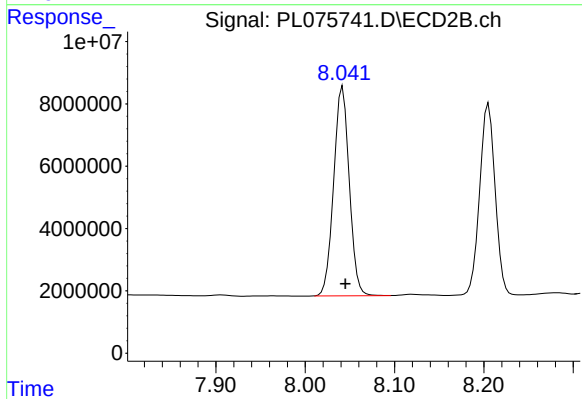
#13 Dieldrin

R.T.: 7.750 min
Delta R.T.: -0.004 min
Response: 99478486
Conc: 58.77 ng/ml m



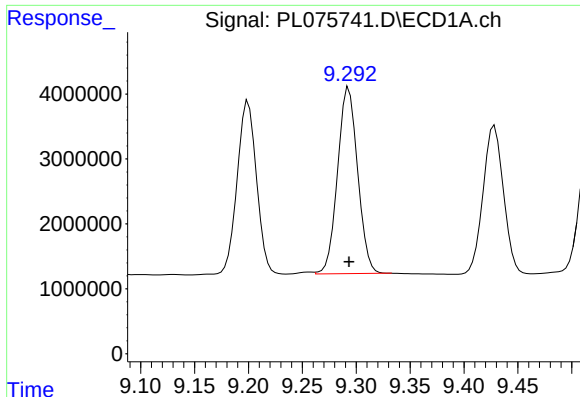
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 37086842
Conc: 62.55 ng/ml



#14 Endrin

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 81451213
Conc: 59.58 ng/ml



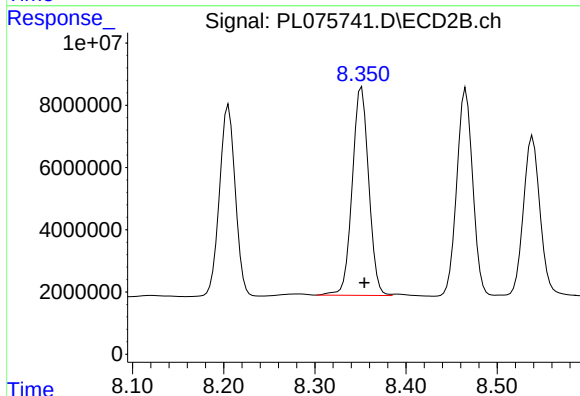
#15 Endosulfan II

R.T.: 9.293 min
Delta R.T.: 0.000 min
Response: 37195846
Conc: 59.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

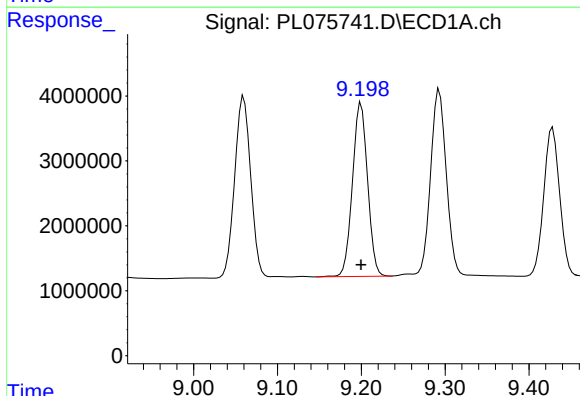
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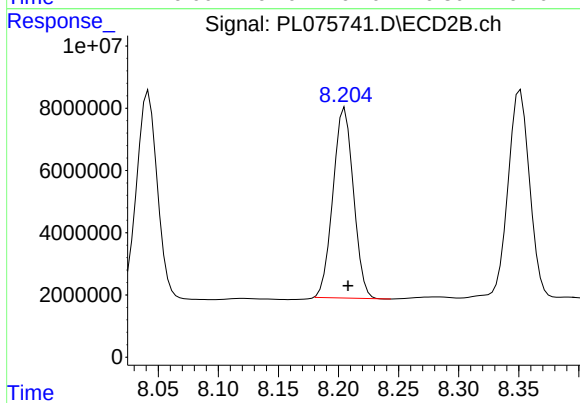
#15 Endosulfan II

R.T.: 8.351 min
Delta R.T.: -0.003 min
Response: 84036851
Conc: 58.64 ng/ml



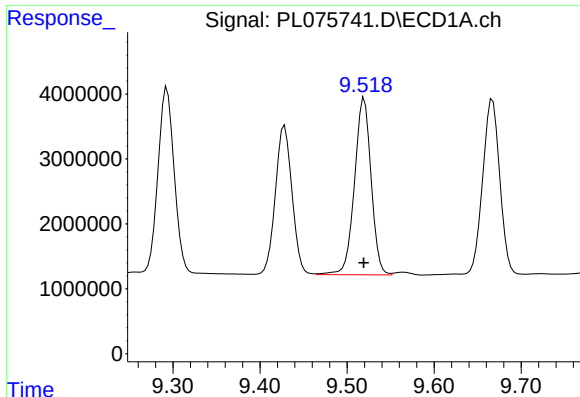
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 33570666
Conc: 61.36 ng/ml



#16 4,4'-DDD

R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 72504015
Conc: 55.14 ng/ml



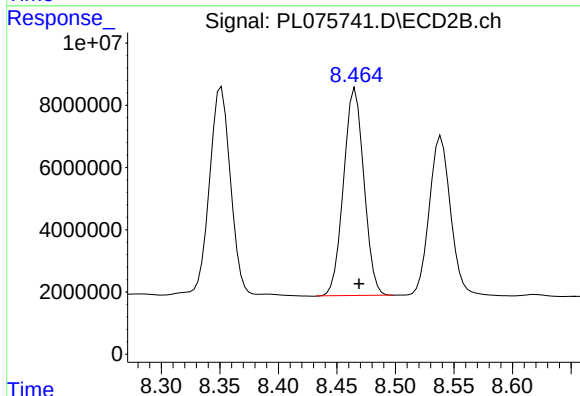
#17 4,4'-DDT

R.T.: 9.520 min
Delta R.T.: 0.000 min
Response: 36167698
Conc: 56.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

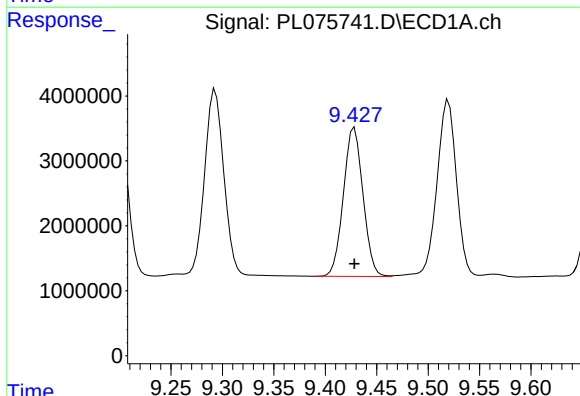
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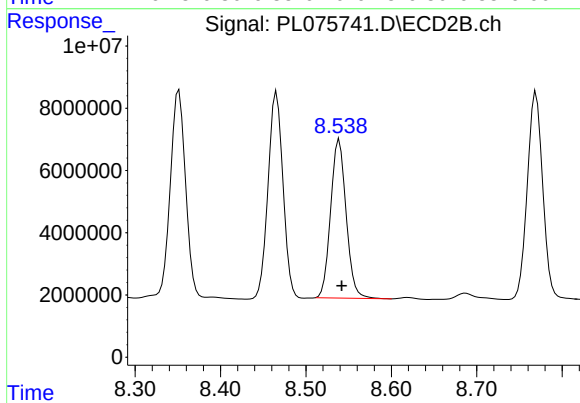
#17 4,4'-DDT

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 80425017
Conc: 57.21 ng/ml m



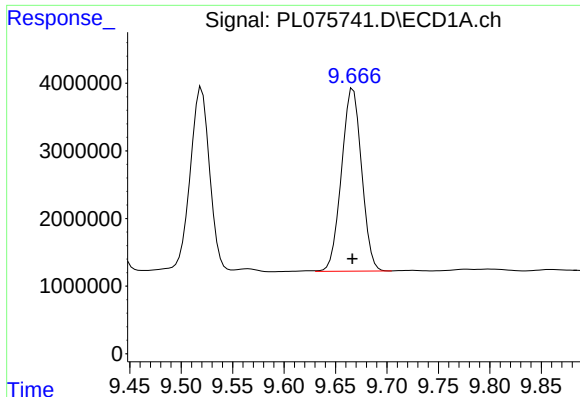
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 30346612
Conc: 59.25 ng/ml



#18 Endrin aldehyde

R.T.: 8.539 min
Delta R.T.: -0.003 min
Response: 64398829
Conc: 57.17 ng/ml



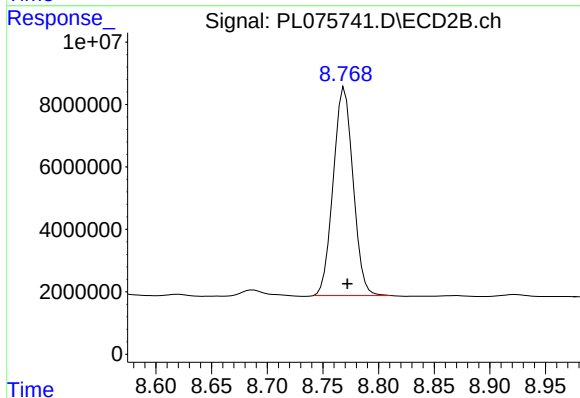
#19 Endosulfan Sulfate

R.T.: 9.667 min
Delta R.T.: 0.000 min
Response: 36764014
Conc: 58.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

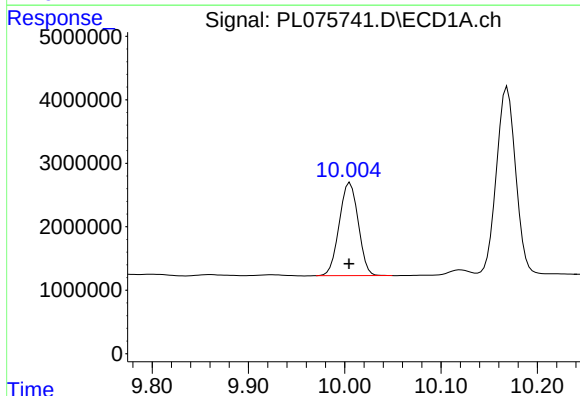
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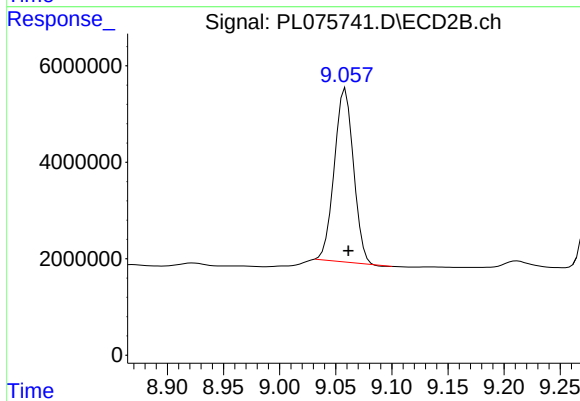
#19 Endosulfan Sulfate

R.T.: 8.770 min
Delta R.T.: -0.003 min
Response: 82652784
Conc: 56.27 ng/ml



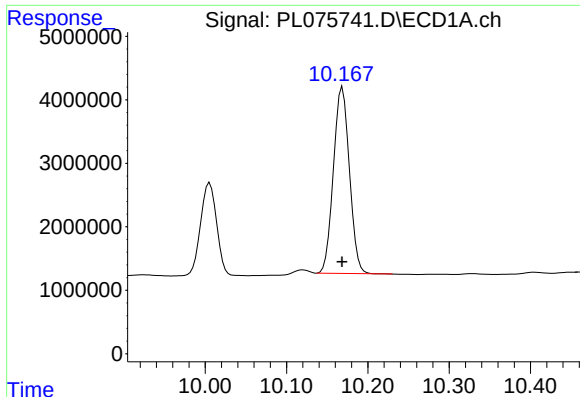
#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: 0.001 min
Response: 20081835
Conc: 56.10 ng/ml



#20 Methoxychlor

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 42516389
Conc: 52.19 ng/ml



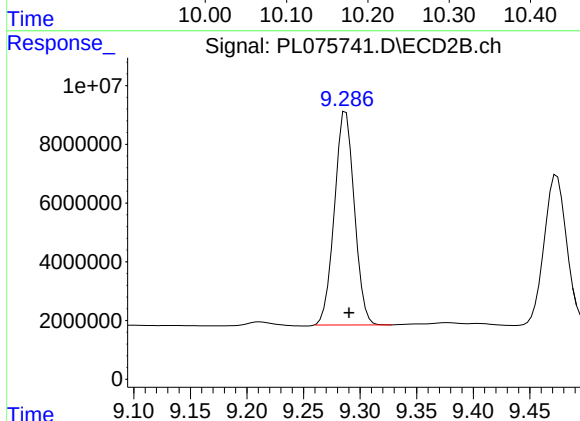
#21 Endrin ketone

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 40170093
Conc: 57.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

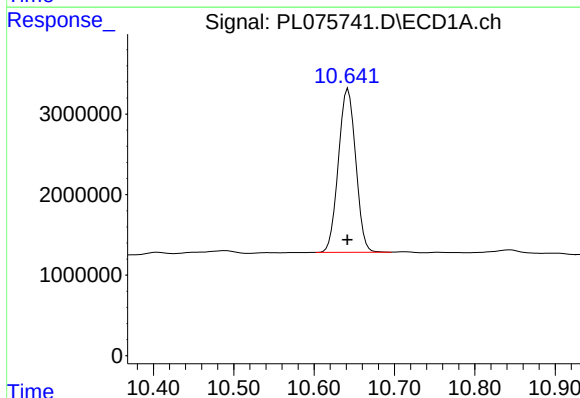
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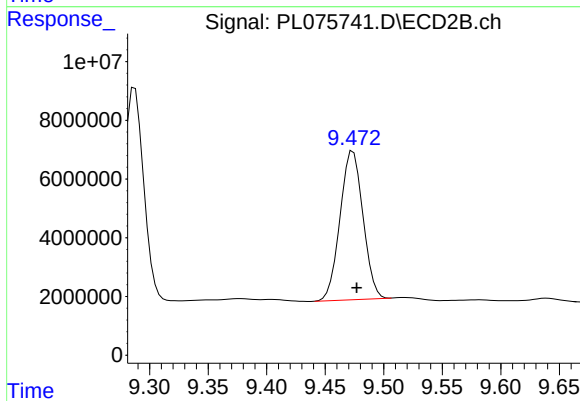
#21 Endrin ketone

R.T.: 9.287 min
Delta R.T.: -0.003 min
Response: 89036611
Conc: 55.16 ng/ml



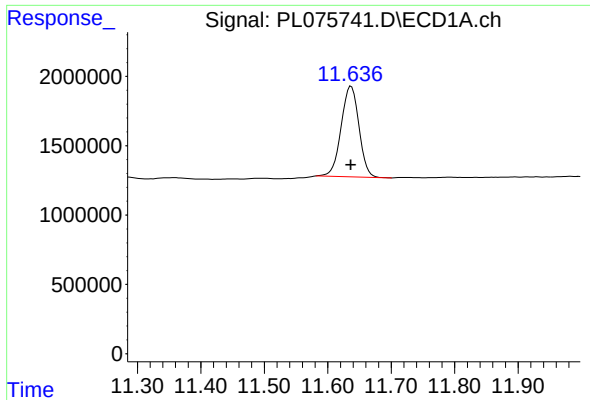
#22 Mirex

R.T.: 10.642 min
Delta R.T.: 0.001 min
Response: 30448908
Conc: 54.10 ng/ml



#22 Mirex

R.T.: 9.474 min
Delta R.T.: -0.003 min
Response: 69117748
Conc: 53.82 ng/ml



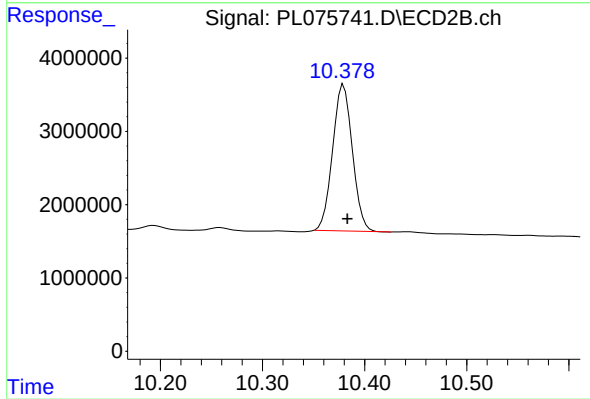
#28 Decachlorobiphenyl

R.T.: 11.637 min
Delta R.T.: 0.000 min
Response: 12766013
Conc: 20.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
BT-SPOILS-07MS

Manual Integrations
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Supervised By :Ankita Jodhani 06/14/2022



#28 Decachlorobiphenyl

R.T.: 10.380 min
Delta R.T.: -0.004 min
Response: 26858978
Conc: 19.06 ng/ml