

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061422\
 Data File : PL075783.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2022 20:27
 Operator : AR\AJ
 Sample : N3299-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COM-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/15/2022
 Supervised By :Ankita Jodhani 06/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 00:49:45 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...	5.641	4.637	15282446	35182582	22.644	20.965
28)	SA Decachlor...	11.636	10.379	13553481	28570050	22.138	20.278
Target Compounds							
2)	A alpha-BHC	6.226	5.338	64078589	150.2E6	68.172	66.322
3)	MA gamma-BHC...	6.624	5.759	59738336	139.1E6	68.059	64.143
4)	MA Heptachlor	7.278	6.167	58304102	134.6E6	63.406	63.141
5)	MB Aldrin	7.652	6.491	57035333	126.6E6	69.466	64.474
6)	B beta-BHC	6.876	6.138	25868175	56543649	63.029	57.607
7)	B delta-BHC	7.146	6.398	53329040	135.3E6	69.305	63.185
8)	B Heptachlo...	8.120	7.064	51804627	115.4E6	67.018	63.053
9)	A Endosulfan I	8.529	7.465	39515451	89976685	56.476	53.796
10)	B gamma-Chl...	8.391	7.340	51596197	116.5E6	66.442	63.544
11)	B alpha-Chl...	8.471	7.409	50264008	114.6E6	65.911	62.770
12)	B 4,4'-DDE	8.657	7.621	44423835	104.5E6	67.123	65.385
13)	MA Dieldrin	8.819	7.750	48177354	111.9E6	66.688	66.098m
14)	MA Endrin	9.060	8.041	40776762	94152402	68.774	68.869
15)	B Endosulfa...	9.294	8.351	31953991	71511402	51.349	49.901
16)	A 4,4'-DDD	9.200	8.204	36753306	86294785	67.172	65.626m
17)	MA 4,4'-DDT	9.519	8.464	39375147	89813799	61.468	63.889m
18)	B Endrin al...	9.429	8.539	33590608	72222534	65.585	64.121
19)	B Endosulfa...	9.667	8.769	39534122	88592403	63.113	60.317
20)	A Methoxychlor	10.005	9.058	21812363	48120716	60.933	59.069
21)	B Endrin ke...	10.169	9.287	44217723	96684605	62.877	59.894
22)	Mirex	10.642	9.473	33077414	74954120	58.774	58.370

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061422\
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ECD_L

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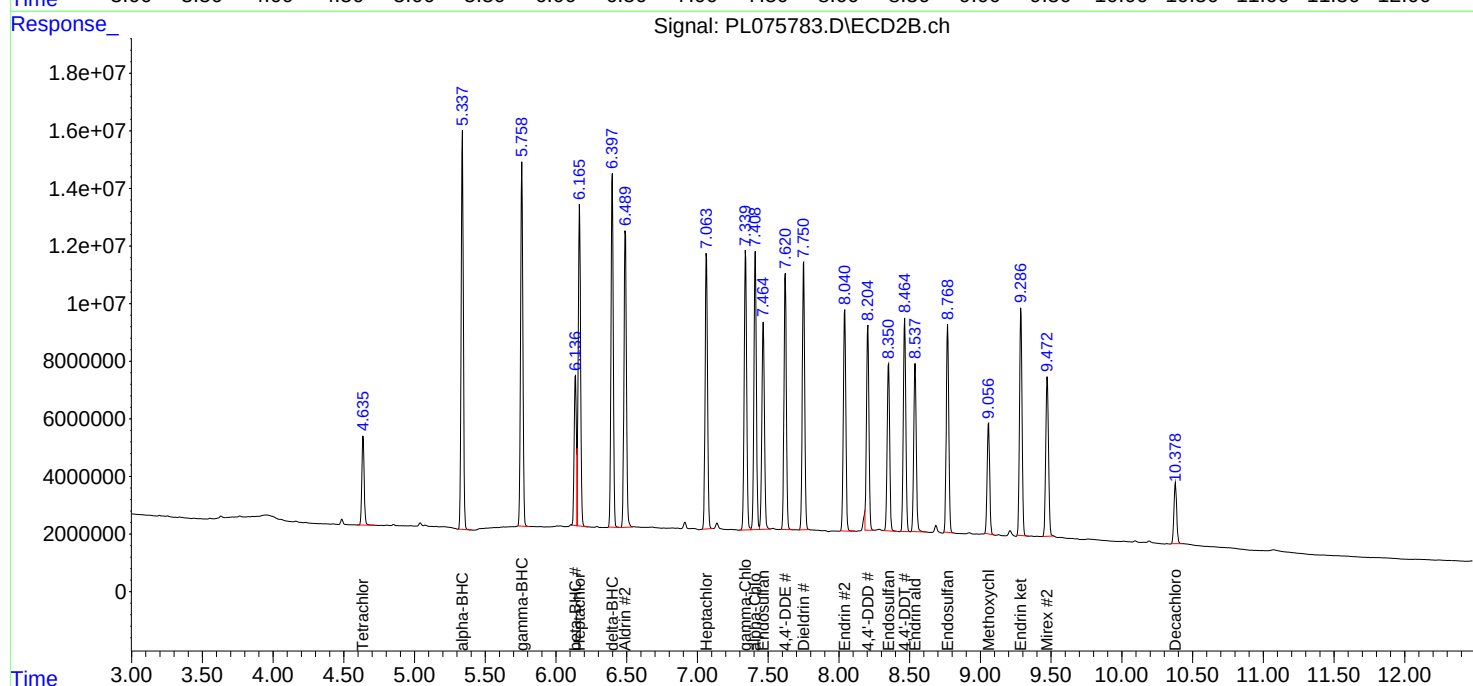
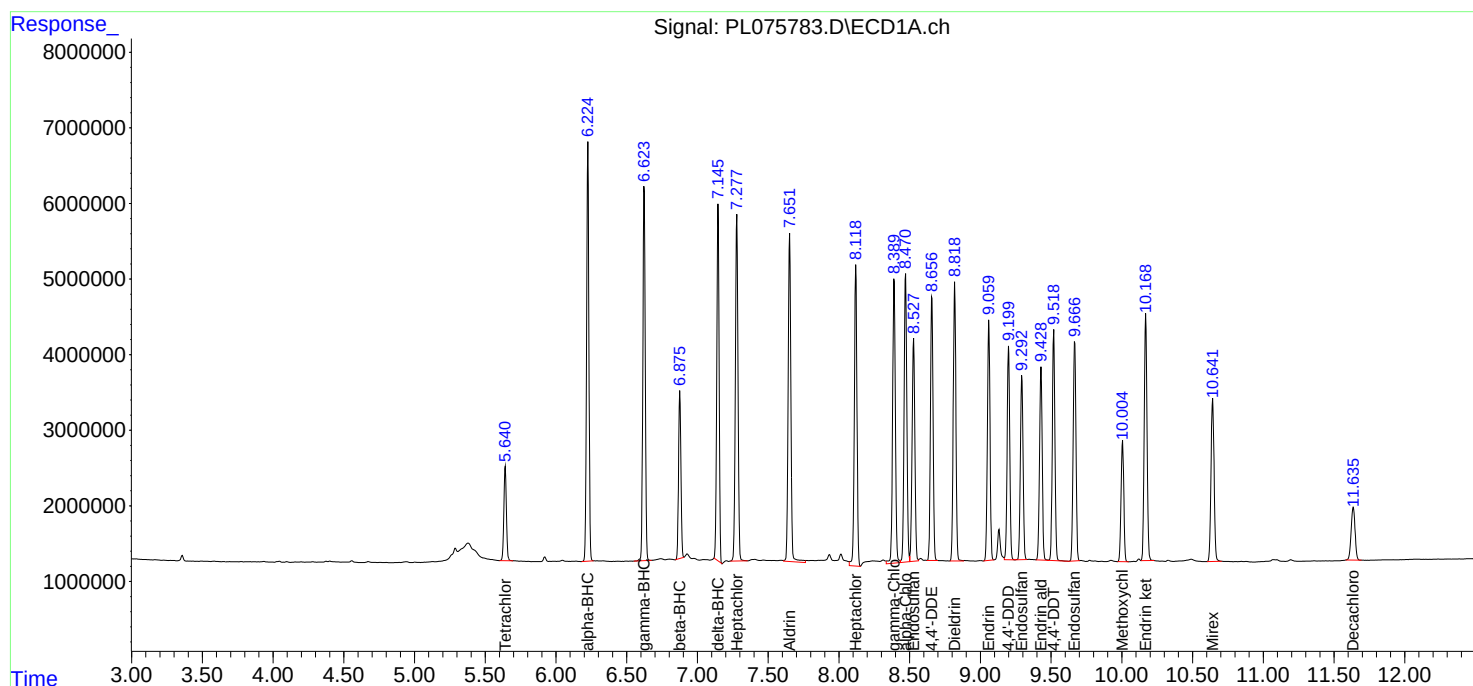
Manual Integrations

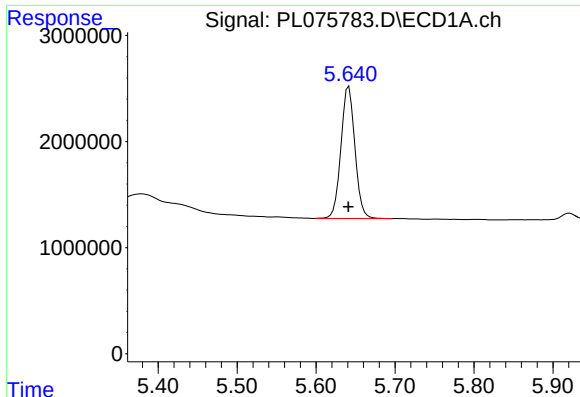
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Integration File signal 1: autoint1.e
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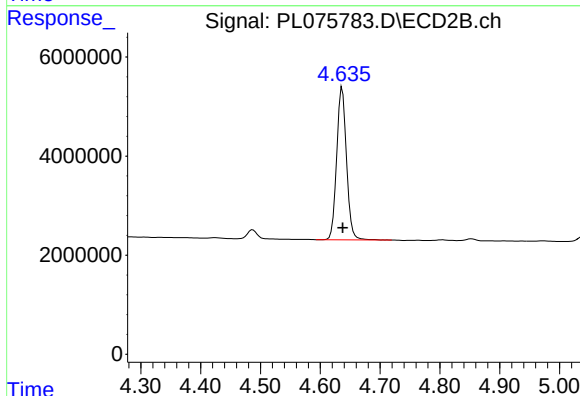
#1 Tetrachloro-m-xylene

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 15282446
Conc: 22.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

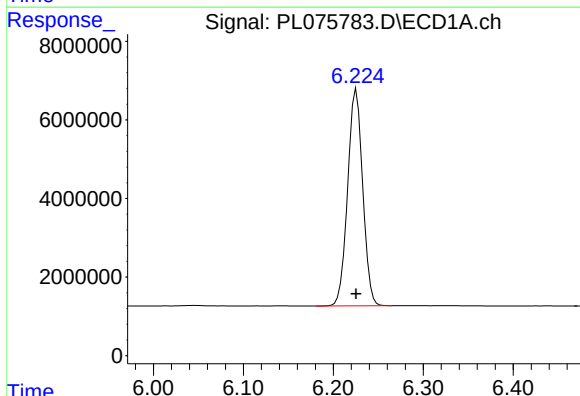
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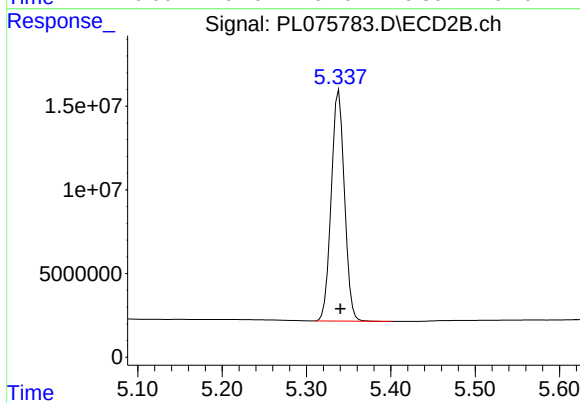
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.001 min
Response: 35182582
Conc: 20.96 ng/ml



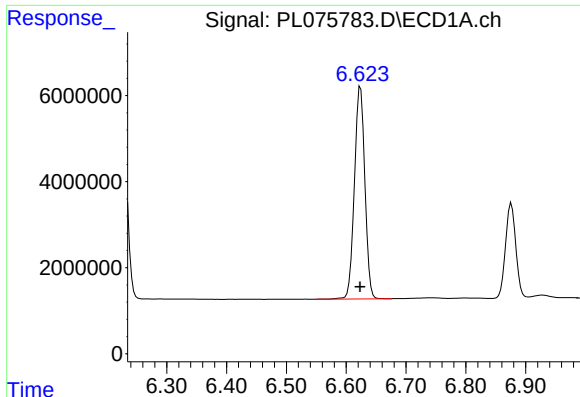
#2 alpha-BHC

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 64078589
Conc: 68.17 ng/ml



#2 alpha-BHC

R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 150172705
Conc: 66.32 ng/ml



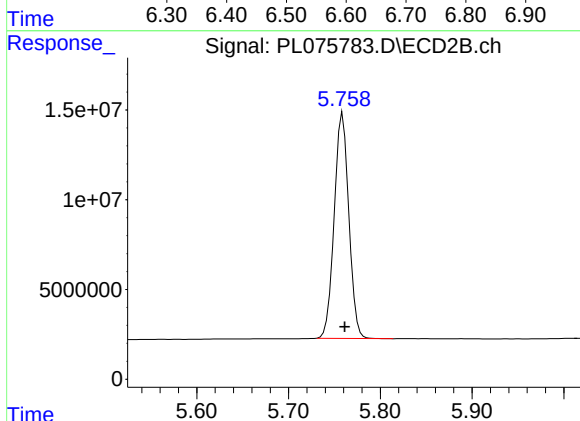
#3 gamma-BHC (Lindane)

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 59738336
Conc: 68.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

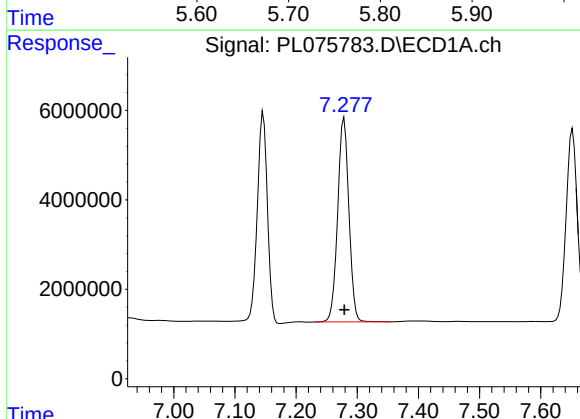
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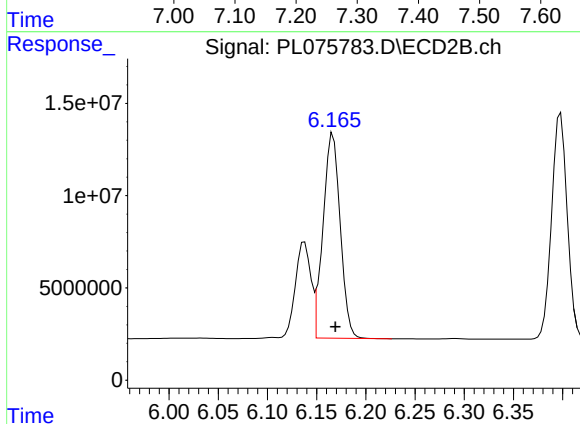
#3 gamma-BHC (Lindane)

R.T.: 5.759 min
Delta R.T.: -0.002 min
Response: 139098449
Conc: 64.14 ng/ml



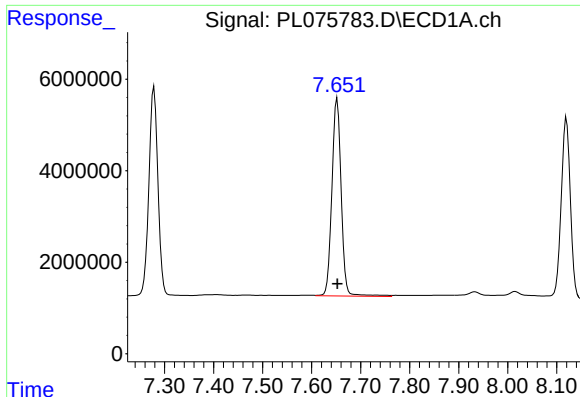
#4 Heptachlor

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 58304102
Conc: 63.41 ng/ml



#4 Heptachlor

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 134628805
Conc: 63.14 ng/ml



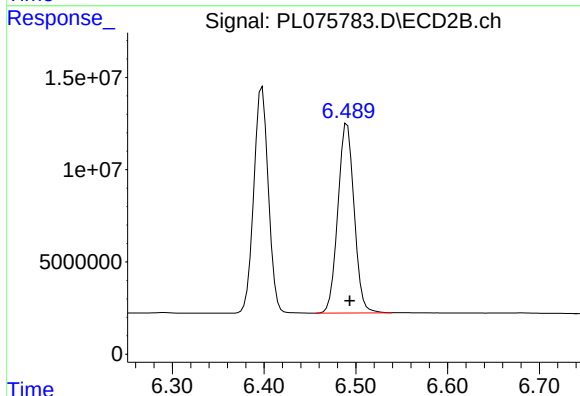
#5 Aldrin

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 57035333
Conc: 69.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

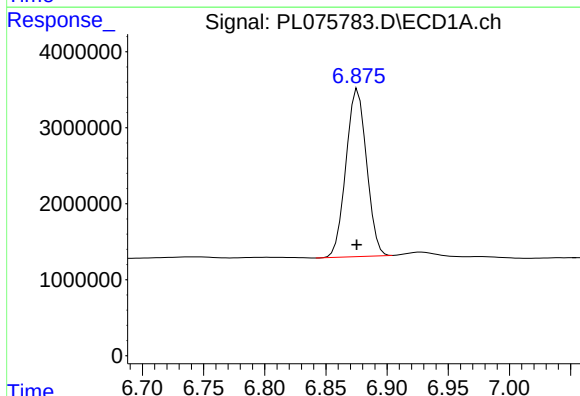
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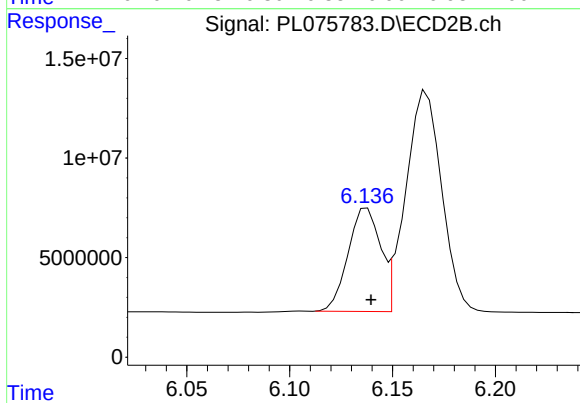
#5 Aldrin

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 126625111
Conc: 64.47 ng/ml



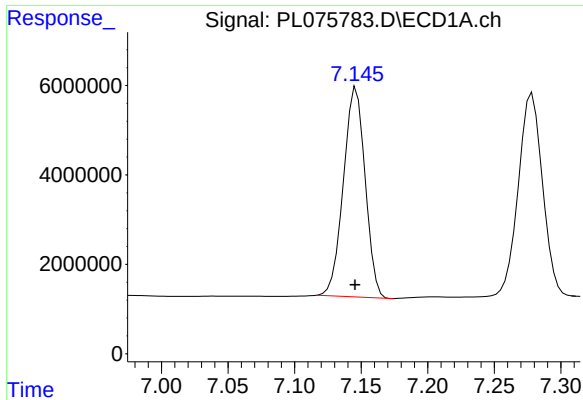
#6 beta-BHC

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 25868175
Conc: 63.03 ng/ml



#6 beta-BHC

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 56543649
Conc: 57.61 ng/ml



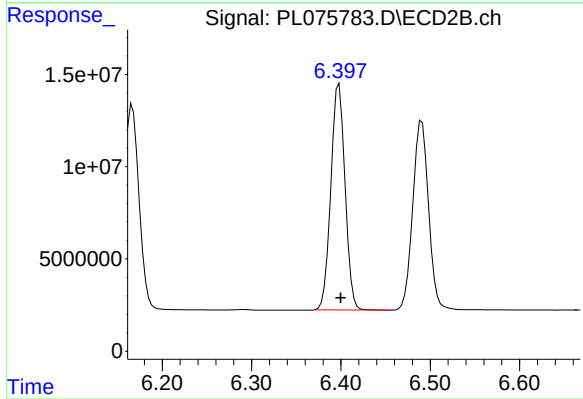
#7 delta-BHC

R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 53329040
Conc: 69.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

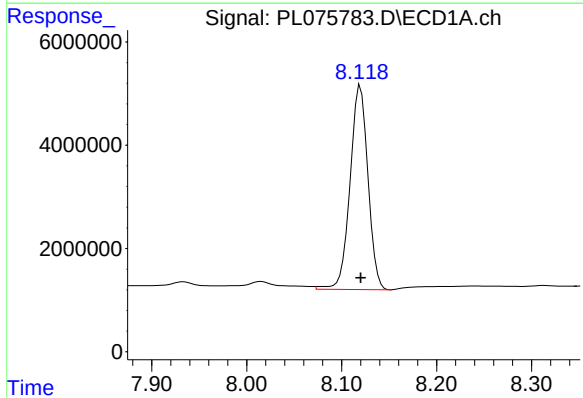
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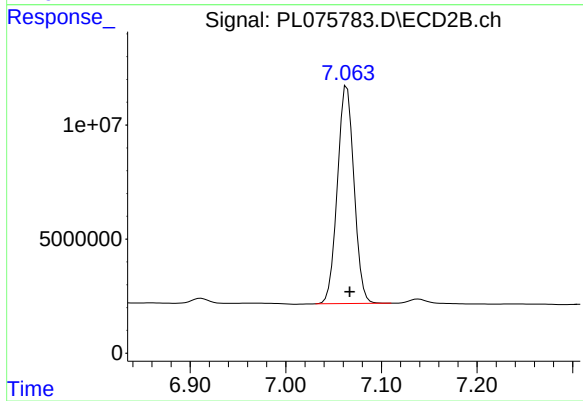
#7 delta-BHC

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 135269220
Conc: 63.18 ng/ml



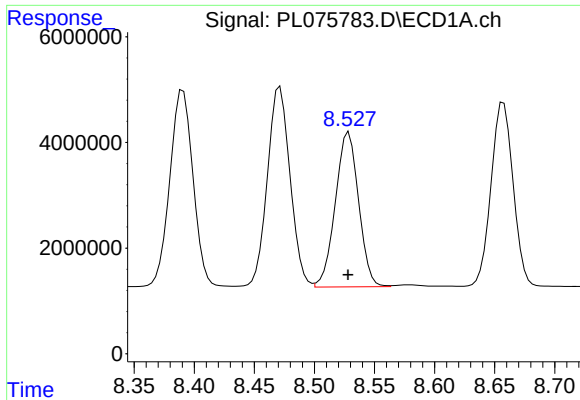
#8 Heptachlor epoxide

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 51804627
Conc: 67.02 ng/ml



#8 Heptachlor epoxide

R.T.: 7.064 min
Delta R.T.: -0.003 min
Response: 115377266
Conc: 63.05 ng/ml



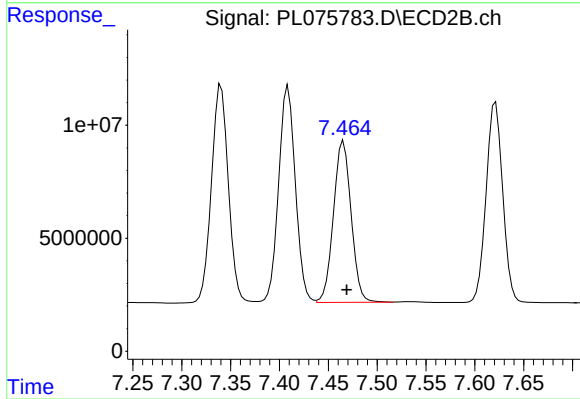
#9 Endosulfan I

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 39515451
Conc: 56.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

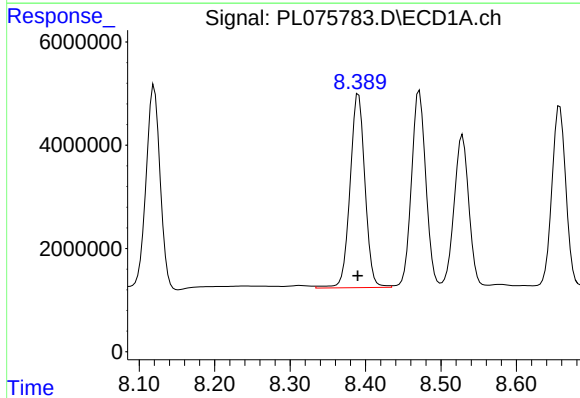
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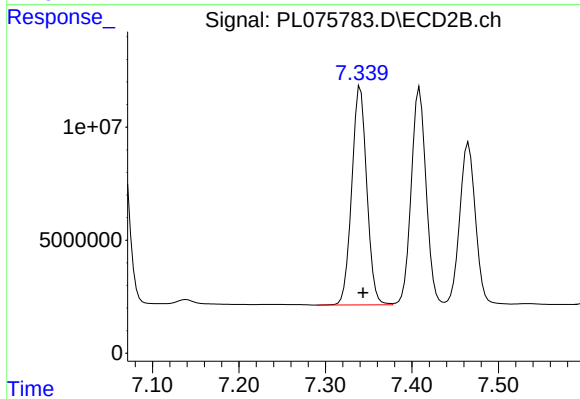
#9 Endosulfan I

R.T.: 7.465 min
Delta R.T.: -0.003 min
Response: 89976685
Conc: 53.80 ng/ml



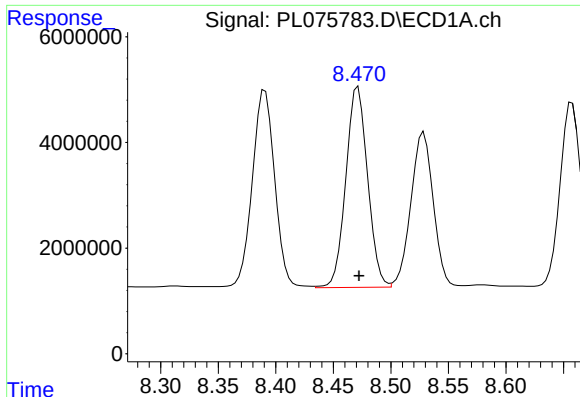
#10 gamma-Chlordane

R.T.: 8.391 min
Delta R.T.: 0.000 min
Response: 51596197
Conc: 66.44 ng/ml



#10 gamma-Chlordane

R.T.: 7.340 min
Delta R.T.: -0.003 min
Response: 116509524
Conc: 63.54 ng/ml



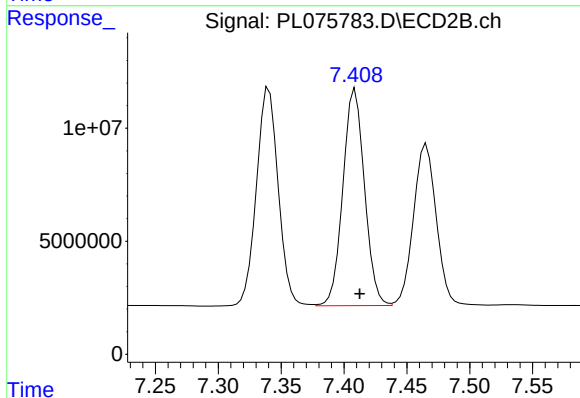
#11 alpha-Chlordane

R.T.: 8.471 min
Delta R.T.: 0.000 min
Response: 50264008
Conc: 65.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

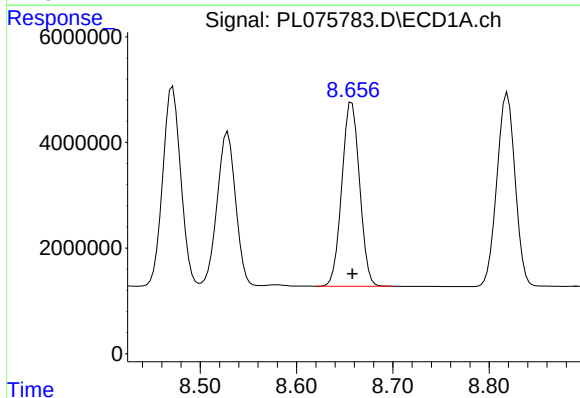
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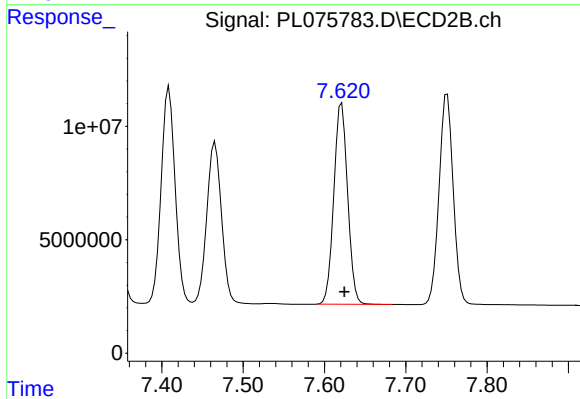
#11 alpha-Chlordane

R.T.: 7.409 min
Delta R.T.: -0.003 min
Response: 114609963
Conc: 62.77 ng/ml



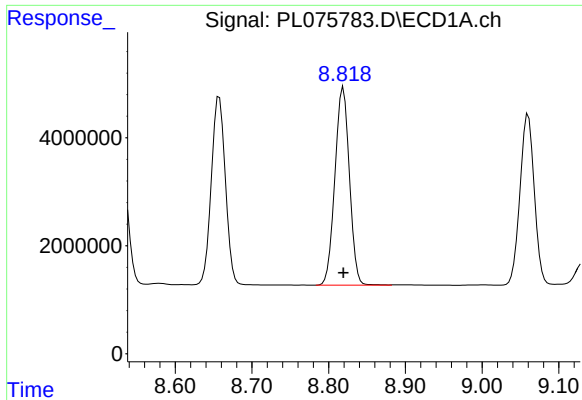
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 44423835
Conc: 67.12 ng/ml



#12 4,4'-DDE

R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 104535863
Conc: 65.39 ng/ml



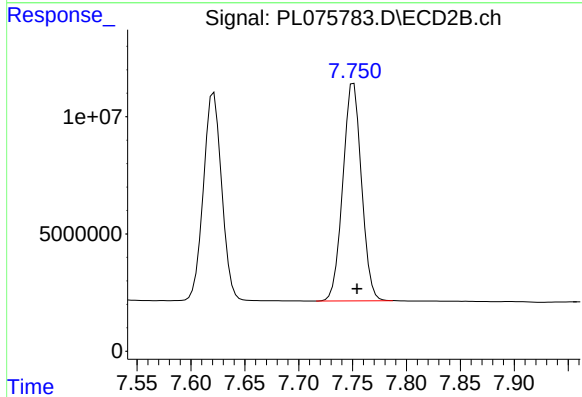
#13 Dieldrin

R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 48177354
Conc: 66.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

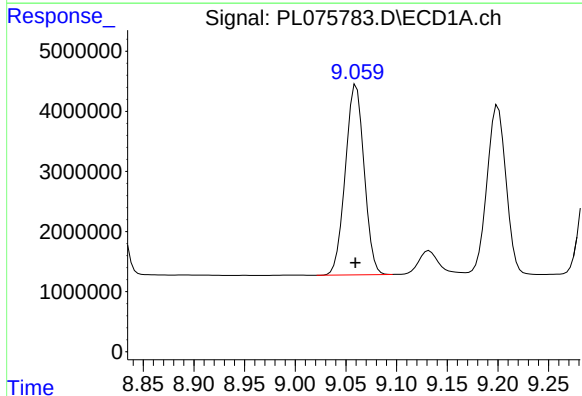
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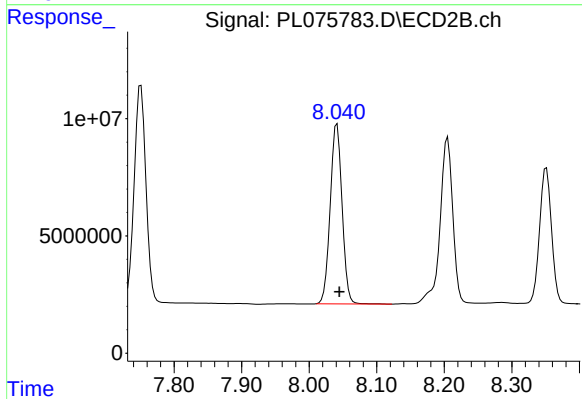
#13 Dieldrin

R.T.: 7.750 min
Delta R.T.: -0.004 min
Response: 111876844
Conc: 66.10 ng/ml m



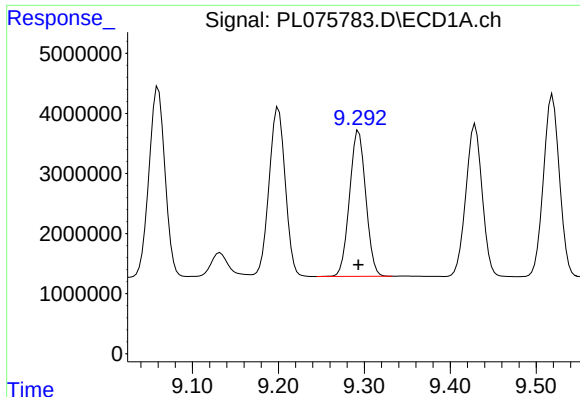
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 40776762
Conc: 68.77 ng/ml



#14 Endrin

R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 94152402
Conc: 68.87 ng/ml



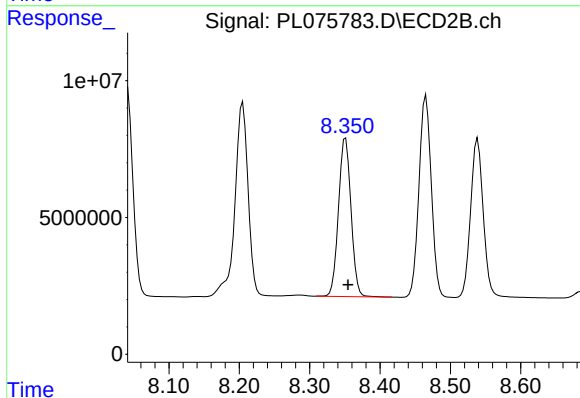
#15 Endosulfan II

R.T.: 9.294 min
Delta R.T.: 0.000 min
Response: 31953991
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

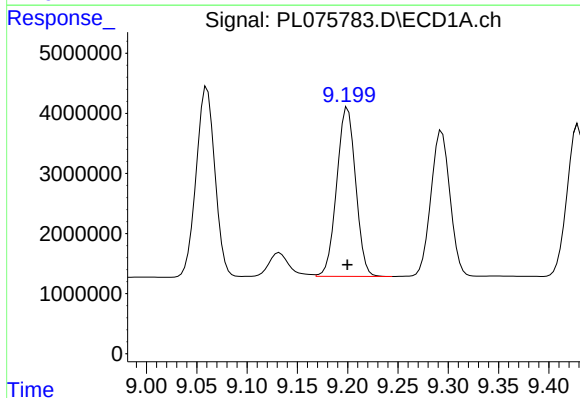
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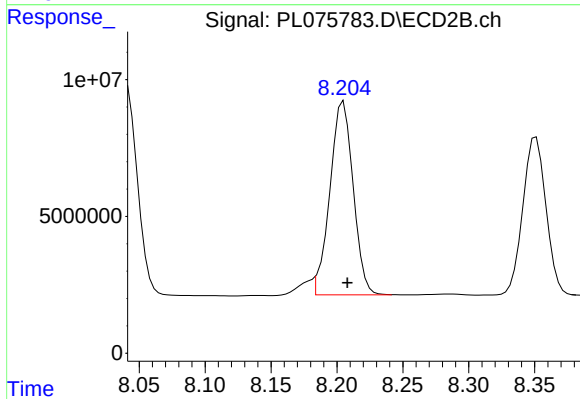
#15 Endosulfan II

R.T.: 8.351 min
Delta R.T.: -0.003 min
Response: 71511402
Conc: 49.90 ng/ml



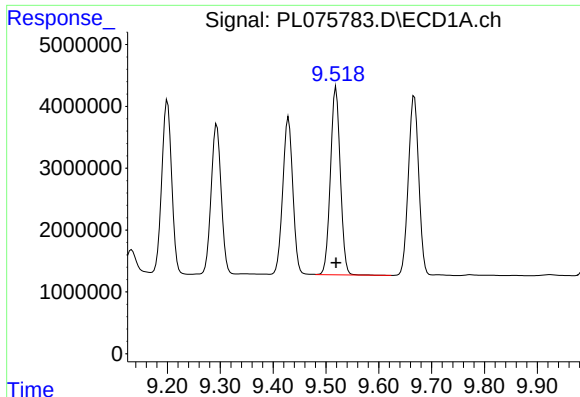
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 36753306
Conc: 67.17 ng/ml



#16 4,4'-DDD

R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 86294785
Conc: 65.63 ng/ml m



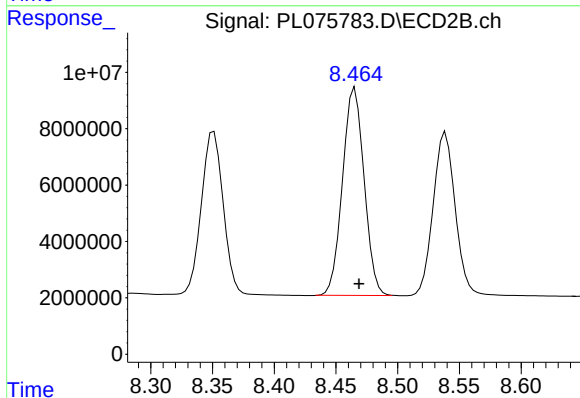
#17 4,4'-DDT

R.T.: 9.519 min
Delta R.T.: 0.000 min
Response: 39375147
Conc: 61.47 ng/ml

Instrument :
ECD_L
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COM-4MS

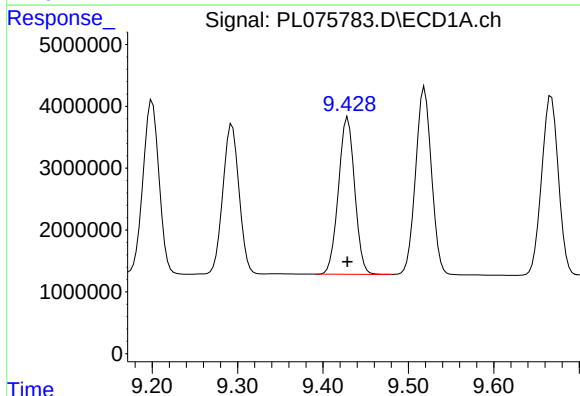
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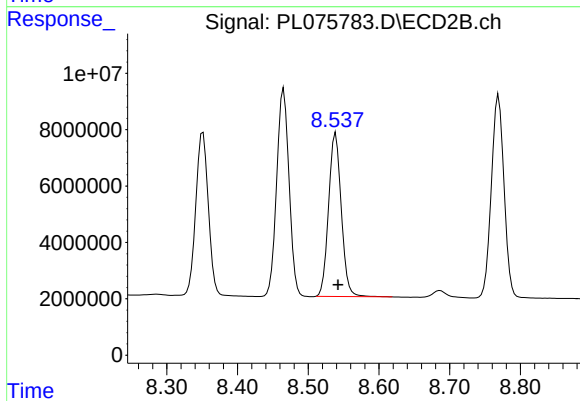
#17 4,4'-DDT

R.T.: 8.464 min
Delta R.T.: -0.005 min
Response: 89813799
Conc: 63.89 ng/ml m



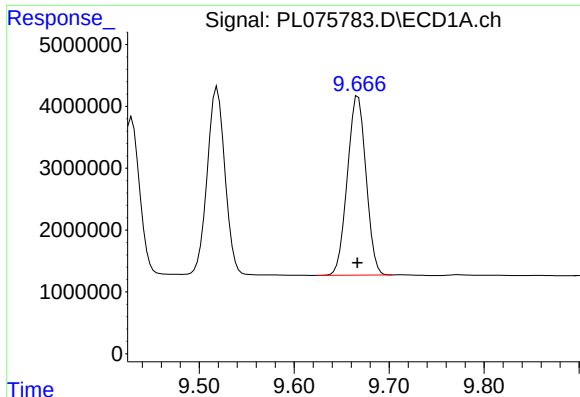
#18 Endrin aldehyde

R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 33590608
Conc: 65.58 ng/ml



#18 Endrin aldehyde

R.T.: 8.539 min
Delta R.T.: -0.003 min
Response: 72222534
Conc: 64.12 ng/ml



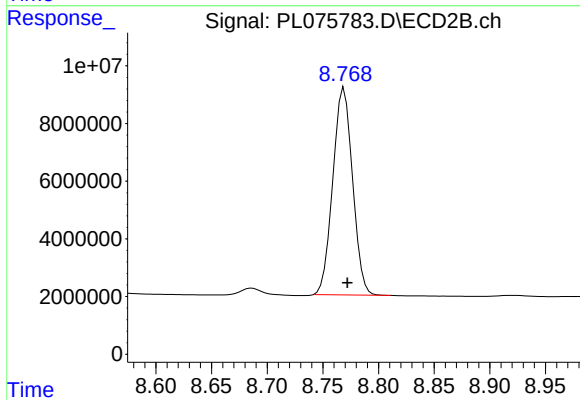
#19 Endosulfan Sulfate

R.T.: 9.667 min
Delta R.T.: 0.000 min
Response: 39534122
Conc: 63.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

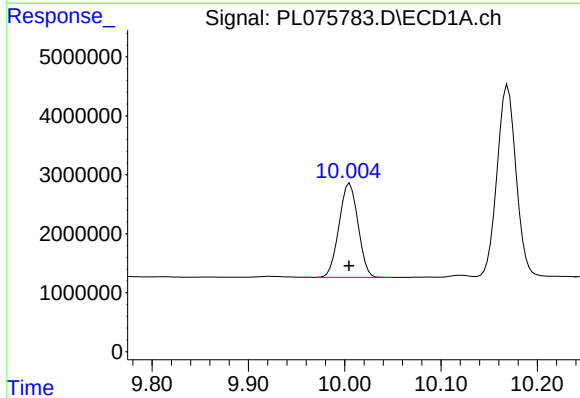
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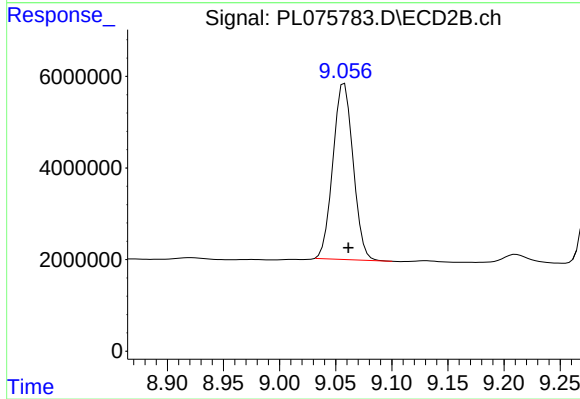
#19 Endosulfan Sulfate

R.T.: 8.769 min
Delta R.T.: -0.003 min
Response: 88592403
Conc: 60.32 ng/ml



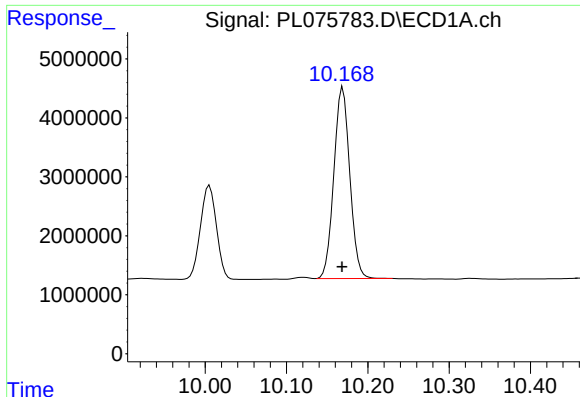
#20 Methoxychlor

R.T.: 10.005 min
Delta R.T.: 0.001 min
Response: 21812363
Conc: 60.93 ng/ml



#20 Methoxychlor

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 48120716
Conc: 59.07 ng/ml



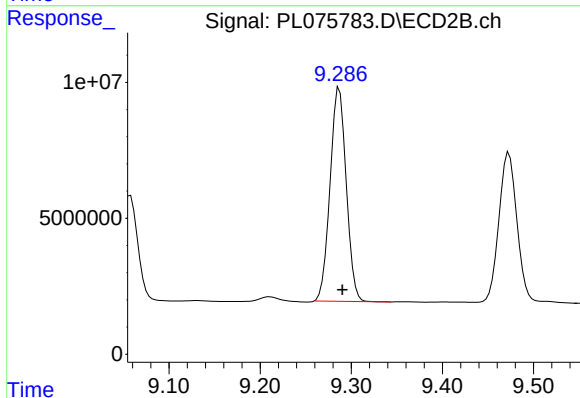
#21 Endrin ketone

R.T.: 10.169 min
Delta R.T.: 0.001 min
Response: 44217723
Conc: 62.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

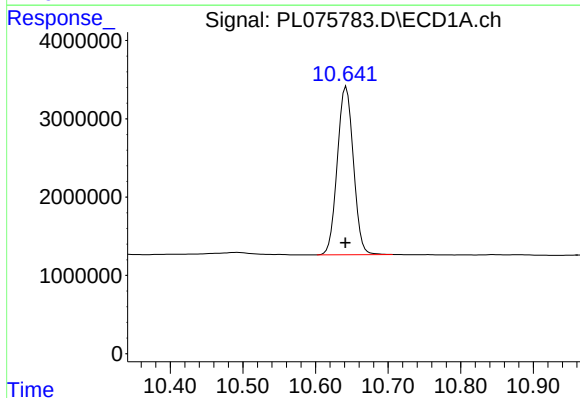
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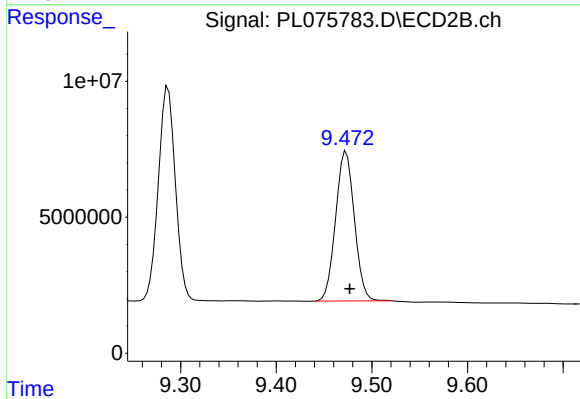
#21 Endrin ketone

R.T.: 9.287 min
Delta R.T.: -0.003 min
Response: 96684605
Conc: 59.89 ng/ml



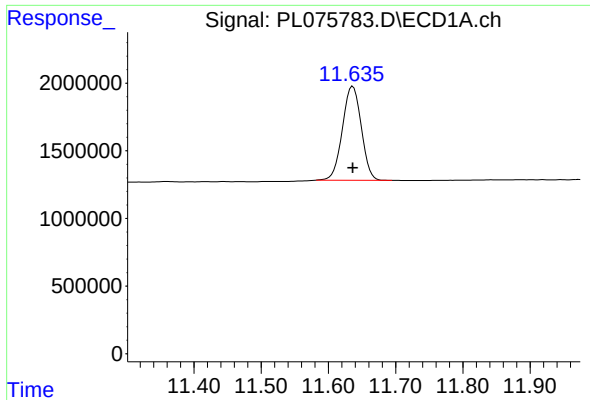
#22 Mirex

R.T.: 10.642 min
Delta R.T.: 0.001 min
Response: 33077414
Conc: 58.77 ng/ml



#22 Mirex

R.T.: 9.473 min
Delta R.T.: -0.004 min
Response: 74954120
Conc: 58.37 ng/ml



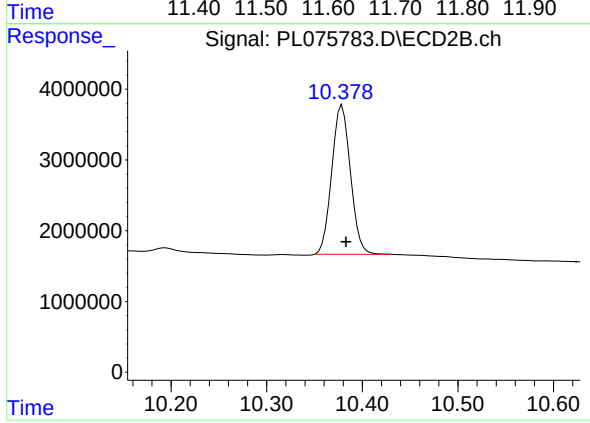
#28 Decachlorobiphenyl

R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 13553481
Conc: 22.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
COM-4MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/15/2022
Supervised By :Ankita Jodhani 06/15/2022



#28 Decachlorobiphenyl

R.T.: 10.379 min
Delta R.T.: -0.004 min
Response: 28570050
Conc: 20.28 ng/ml