

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122121\
 Data File : PL071548.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2021 11:04
 Operator : AR\AJ
 Sample : M5142-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 A2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/22/2021
 Supervised By :mohammad ahmed 12/22/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:31:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 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...	4.562	5.499	9996057	24844716	21.089	20.855
28)	SA Decachlor...	10.324	11.391	14385708	22644774	21.652	20.842
Target Compounds							
2)	A alpha-BHC	5.268	6.080	34230762	88934557	53.824	51.715
3)	MA gamma-BHC...	5.691	6.476	33159217	82232779	50.746	51.521
4)	MA Heptachlor	6.097	7.122	36208776	83470076	52.414	52.292
5)	MB Aldrin	6.422	7.492	33554451	79309738	54.492	54.301
6)	B beta-BHC	6.075	6.733	14266377	35875652	49.960	44.819
7)	B delta-BHC	6.333	6.998	32859932	82414616	52.540	53.938m
8)	B Heptachlo...	6.999	7.959	32440025	71672773	53.002	53.431
9)	A Endosulfan I	7.401	8.364	30690867	64544549	52.865	53.777
10)	B gamma-Chl...	7.275	8.229	33404686	71654615	53.817	55.416
11)	B alpha-Chl...	7.345	8.309	33447195	69855597	53.626	54.980
12)	B 4,4'-DDE	7.561	8.499	29874141	68726279	54.741	57.697
13)	MA Dieldrin	7.687	8.653	32735436	69776506	55.900	57.391
14)	MA Endrin	7.978	8.892	30534103	59404968	55.748	58.637
15)	B Endosulfa...	8.290	9.127	30484017	59812412	55.932	59.271
16)	A 4,4'-DDD	8.147	9.039	25327984	52272293	53.813	59.219
17)	MA 4,4'-DDT	8.407	9.356	27146492	55137966	53.193	55.759
18)	B Endrin al...	8.479	9.263	24730912	47184106	58.156	62.640
19)	B Endosulfa...	8.710	9.500	30566589	56542484	53.241	57.691
20)	A Methoxychlor	9.003	9.843	16856062	28514177	52.041	56.804
21)	B Endrin ke...	9.227	9.997	35806284	59505474	54.289	56.587
22)	Mirex	9.410	10.460	32451899	48753287	55.935	60.574

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122121\
Data File : PL071548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2021 11:04
Operator : AR\AJ
Sample : M5142-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

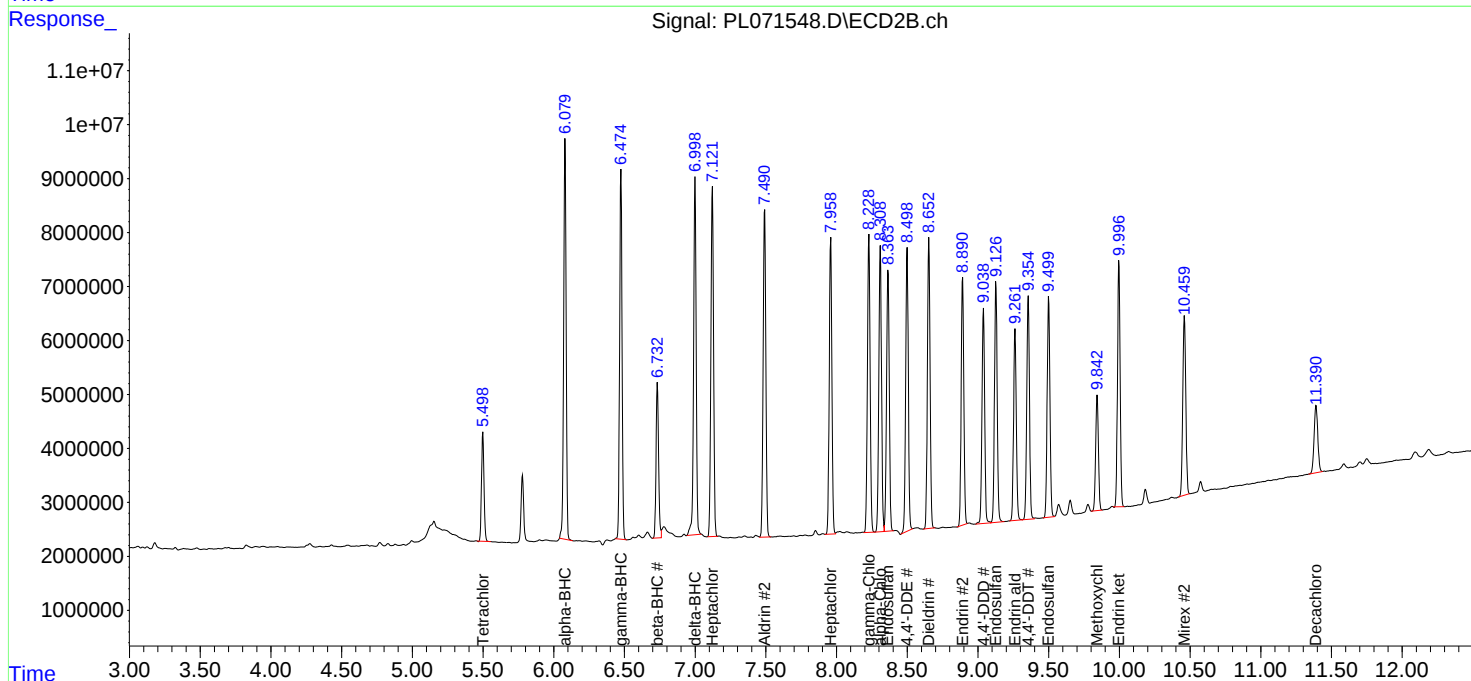
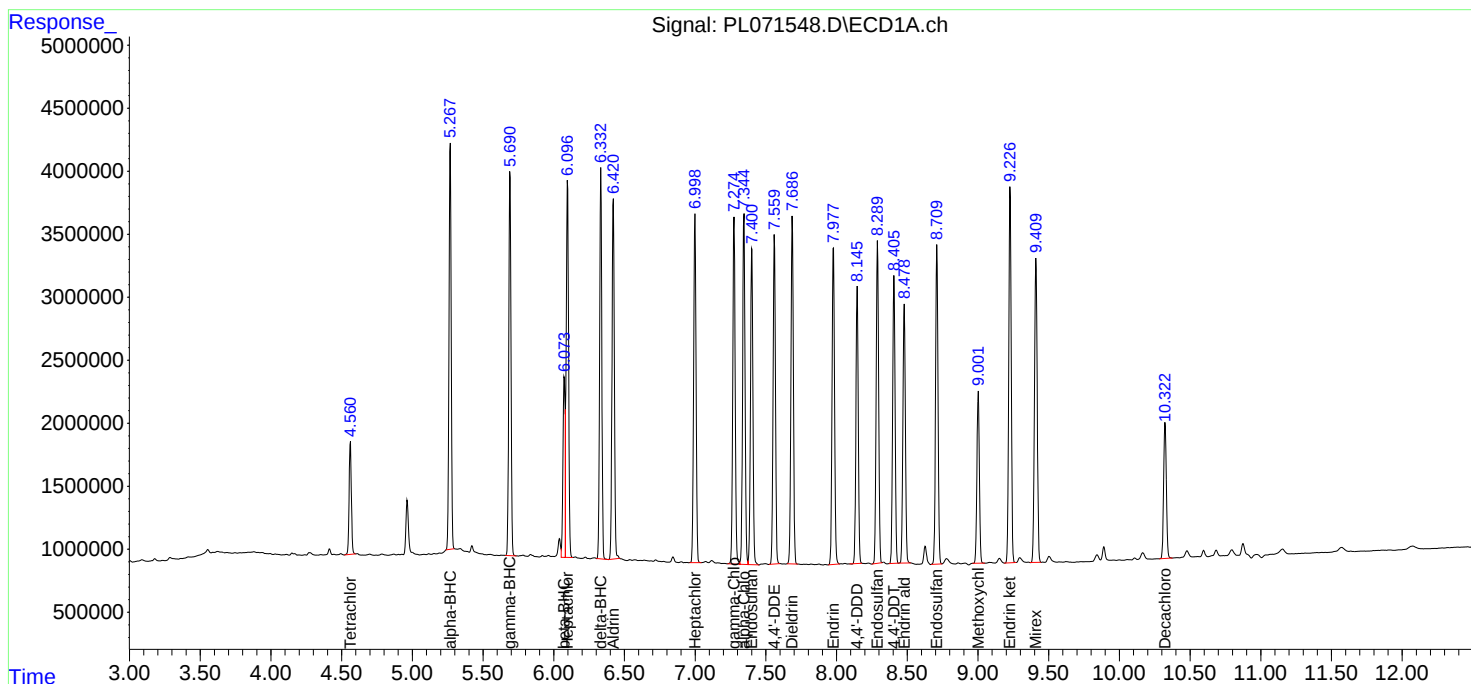
Instrument :
ECD_L
ClientSampleId :
A2MS

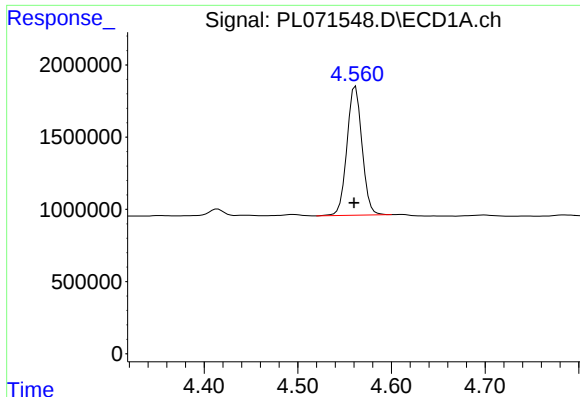
Manual Integrations
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Supervised By :mohammad ahmed 12/22/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 00:31:56 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
Quant Title : GC Extractables
QLast Update : Tue Dec 14 14:29:34 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





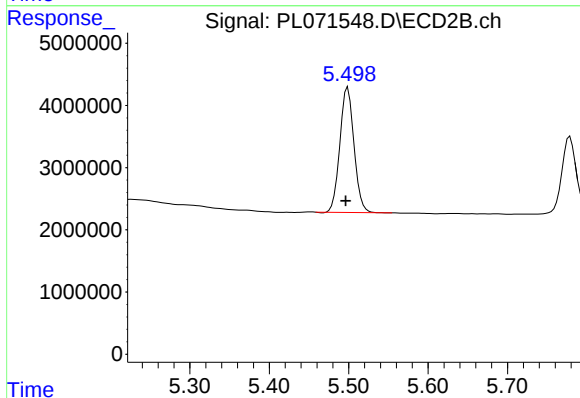
#1 Tetrachloro-m-xylene

R.T.: 4.562 min
Delta R.T.: 0.002 min
Response: 9996057
Conc: 21.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

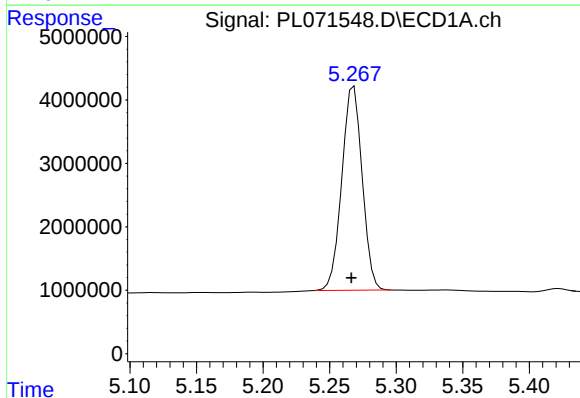
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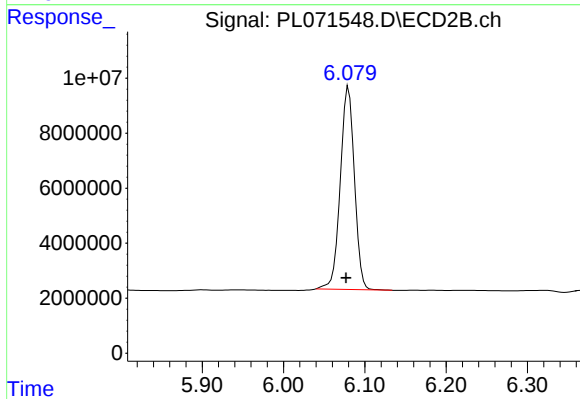
#1 Tetrachloro-m-xylene

R.T.: 5.499 min
Delta R.T.: 0.002 min
Response: 24844716
Conc: 20.85 ng/ml



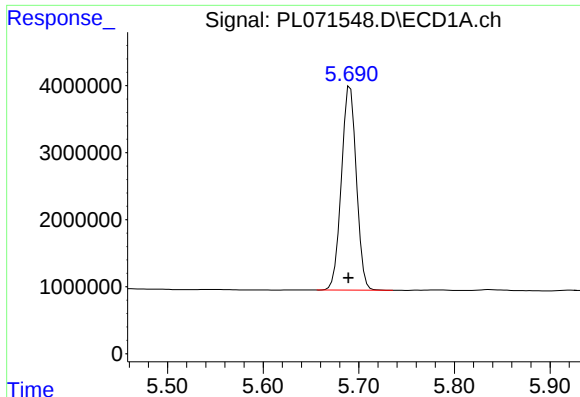
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: 0.002 min
Response: 34230762
Conc: 53.82 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 88934557
Conc: 51.72 ng/ml



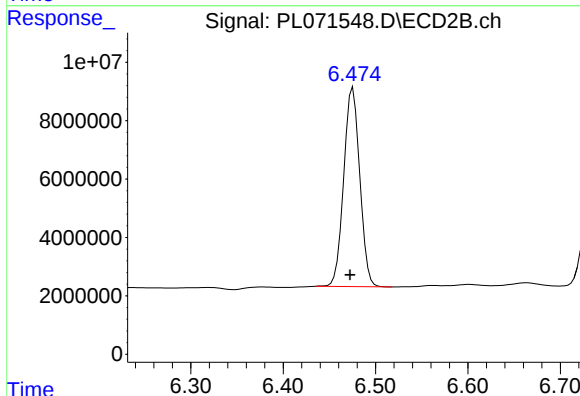
#3 gamma-BHC (Lindane)

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 33159217
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

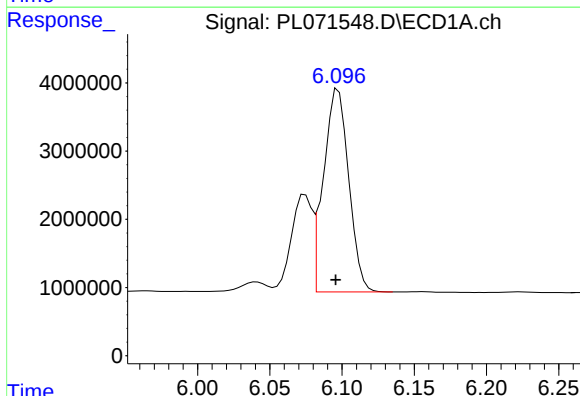
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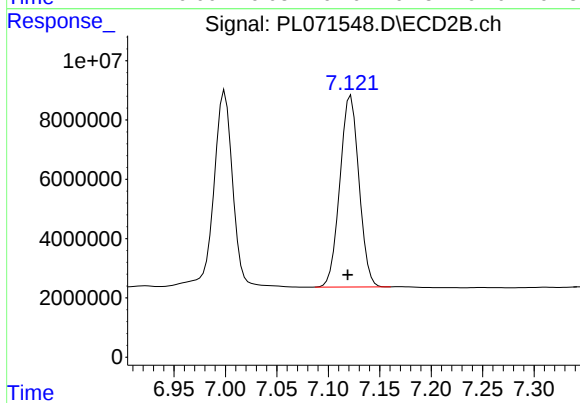
#3 gamma-BHC (Lindane)

R.T.: 6.476 min
Delta R.T.: 0.003 min
Response: 82232779
Conc: 51.52 ng/ml



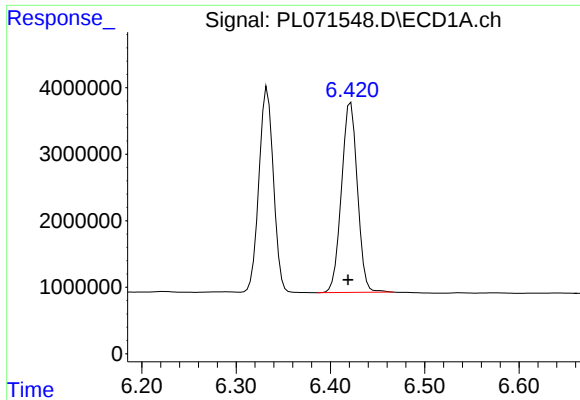
#4 Heptachlor

R.T.: 6.097 min
Delta R.T.: 0.002 min
Response: 36208776
Conc: 52.41 ng/ml



#4 Heptachlor

R.T.: 7.122 min
Delta R.T.: 0.003 min
Response: 83470076
Conc: 52.29 ng/ml



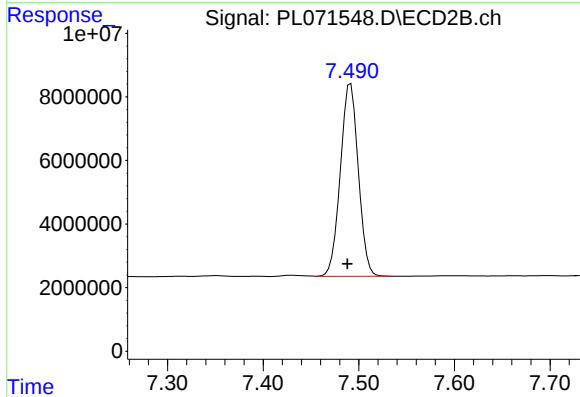
#5 Aldrin

R.T.: 6.422 min
Delta R.T.: 0.003 min
Response: 33554451
Conc: 54.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

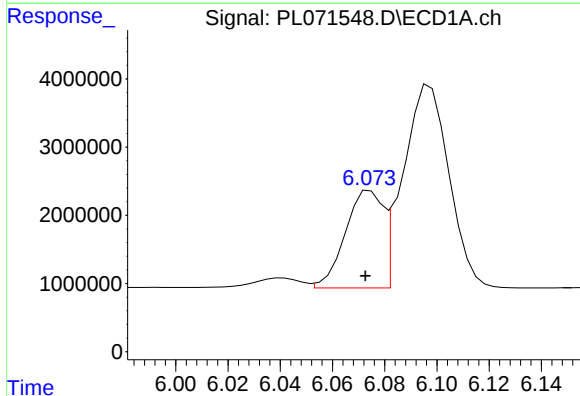
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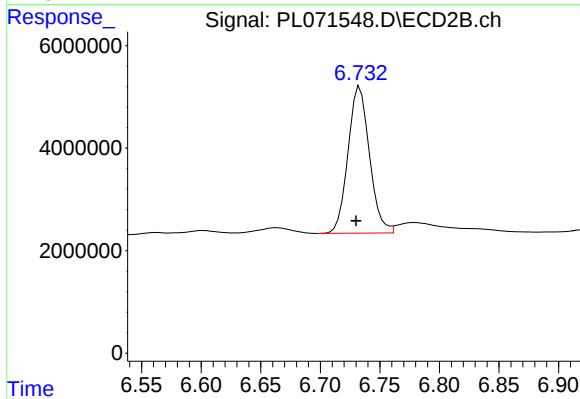
#5 Aldrin

R.T.: 7.492 min
Delta R.T.: 0.003 min
Response: 79309738
Conc: 54.30 ng/ml



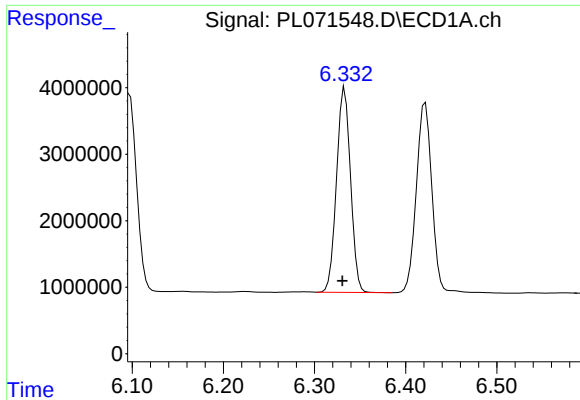
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 14266377
Conc: 49.96 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.003 min
Response: 35875652
Conc: 44.82 ng/ml



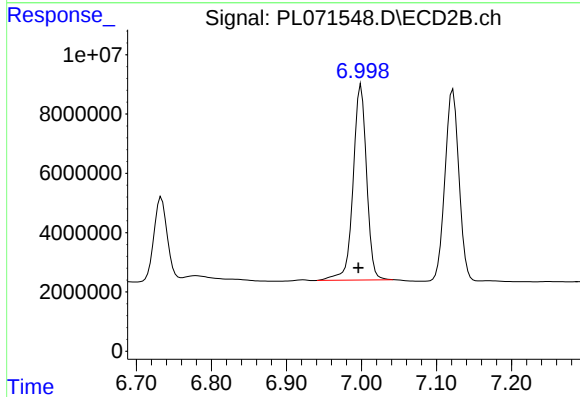
#7 delta-BHC

R.T.: 6.333 min
Delta R.T.: 0.002 min
Response: 32859932
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

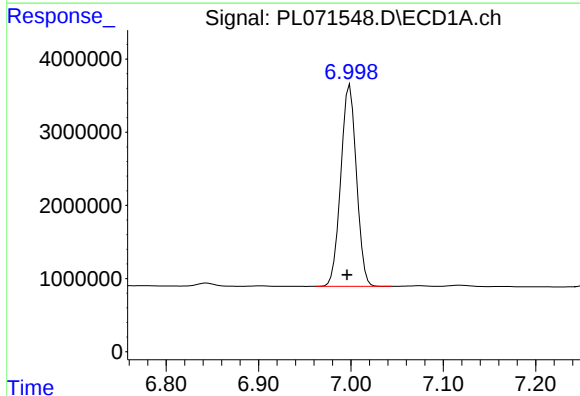
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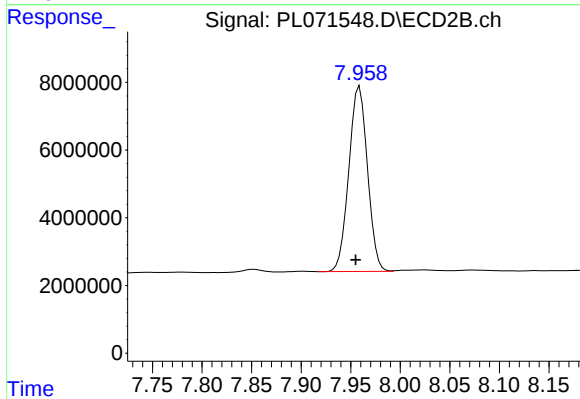
#7 delta-BHC

R.T.: 6.998 min
Delta R.T.: 0.002 min
Response: 82414616
Conc: 53.94 ng/ml m



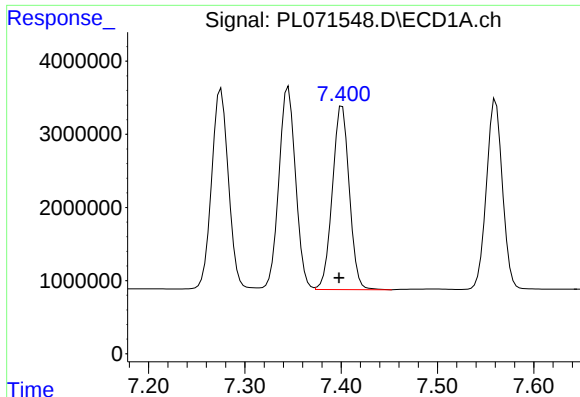
#8 Heptachlor epoxide

R.T.: 6.999 min
Delta R.T.: 0.003 min
Response: 32440025
Conc: 53.00 ng/ml



#8 Heptachlor epoxide

R.T.: 7.959 min
Delta R.T.: 0.004 min
Response: 71672773
Conc: 53.43 ng/ml



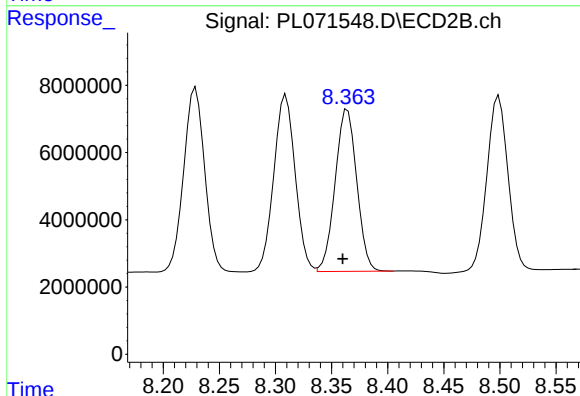
#9 Endosulfan I

R.T.: 7.401 min
Delta R.T.: 0.003 min
Response: 30690867
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

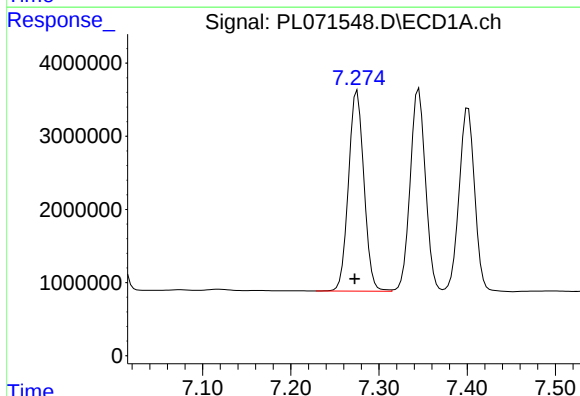
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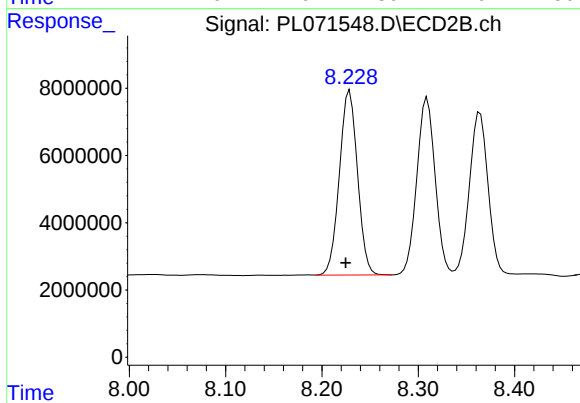
#9 Endosulfan I

R.T.: 8.364 min
Delta R.T.: 0.004 min
Response: 64544549
Conc: 53.78 ng/ml



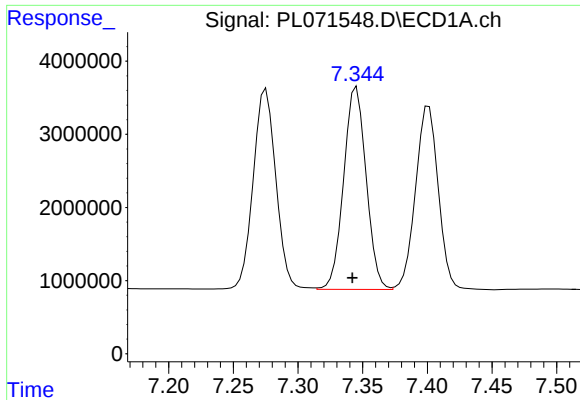
#10 gamma-Chlordane

R.T.: 7.275 min
Delta R.T.: 0.003 min
Response: 33404686
Conc: 53.82 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: 0.004 min
Response: 71654615
Conc: 55.42 ng/ml



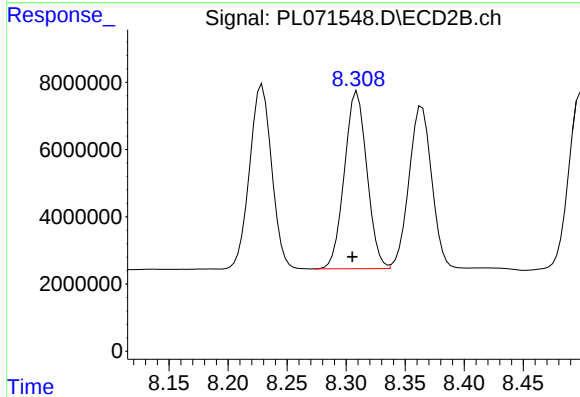
#11 alpha-Chlordane

R.T.: 7.345 min
Delta R.T.: 0.003 min
Response: 33447195
Conc: 53.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

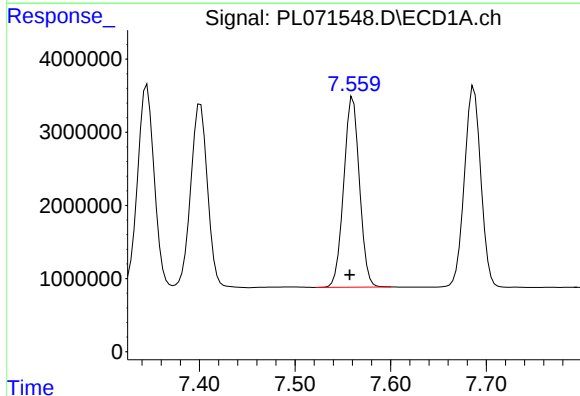
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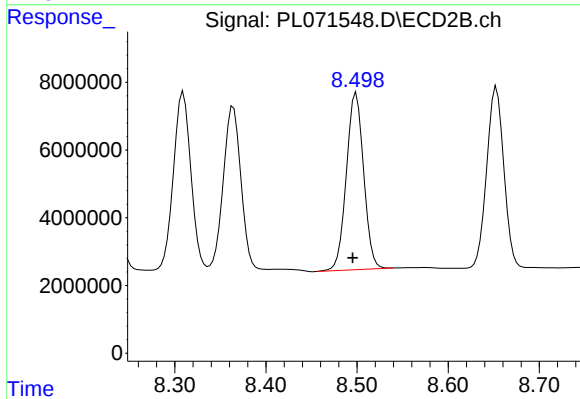
#11 alpha-Chlordane

R.T.: 8.309 min
Delta R.T.: 0.004 min
Response: 69855597
Conc: 54.98 ng/ml



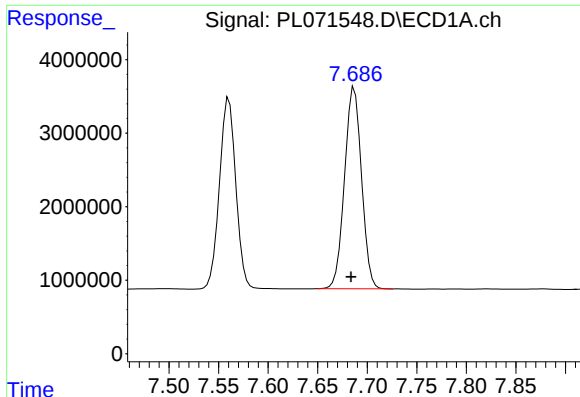
#12 4,4'-DDE

R.T.: 7.561 min
Delta R.T.: 0.003 min
Response: 29874141
Conc: 54.74 ng/ml



#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: 0.004 min
Response: 68726279
Conc: 57.70 ng/ml



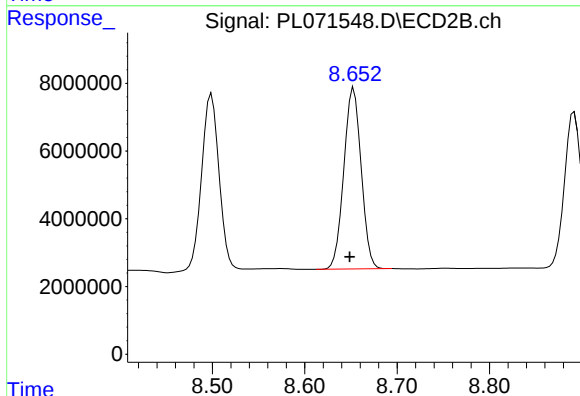
#13 Dieldrin

R.T.: 7.687 min
Delta R.T.: 0.003 min
Response: 32735436
Conc: 55.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

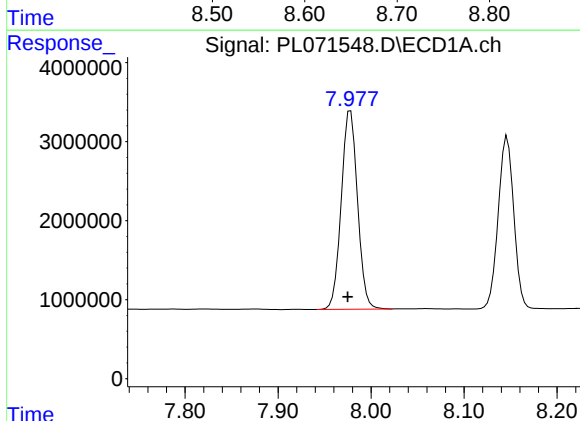
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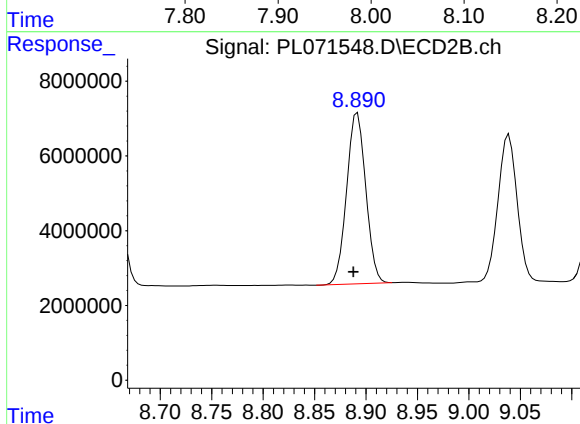
#13 Dieldrin

R.T.: 8.653 min
Delta R.T.: 0.005 min
Response: 69776506
Conc: 57.39 ng/ml



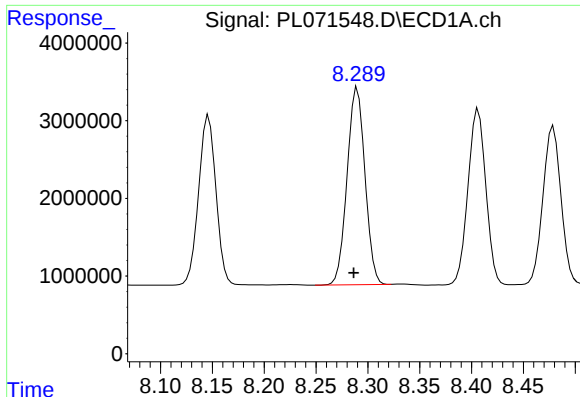
#14 Endrin

R.T.: 7.978 min
Delta R.T.: 0.003 min
Response: 30534103
Conc: 55.75 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.004 min
Response: 59404968
Conc: 58.64 ng/ml



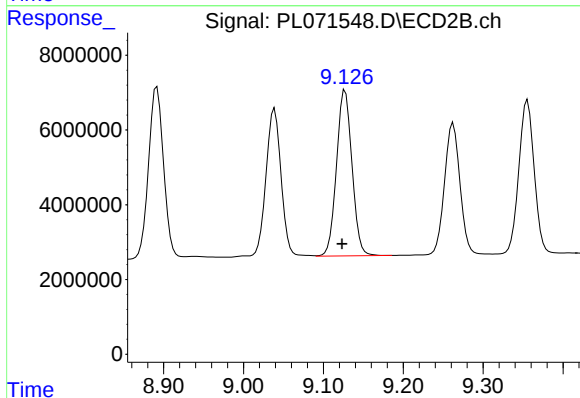
#15 Endosulfan II

R.T.: 8.290 min
Delta R.T.: 0.004 min
Response: 30484017
Conc: 55.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

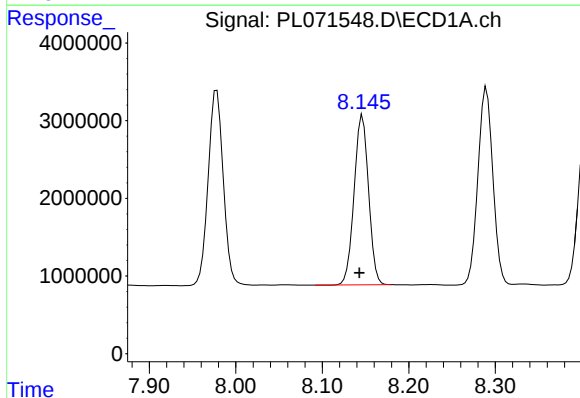
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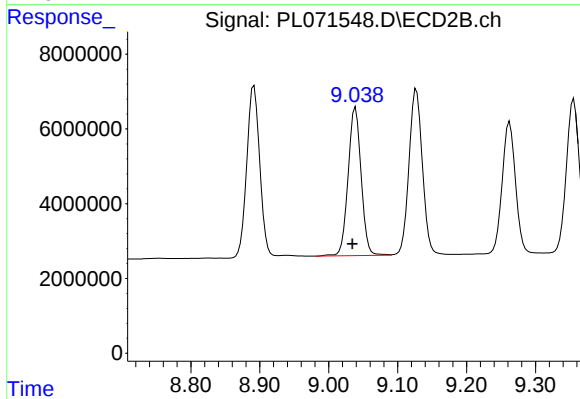
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.004 min
Response: 59812412
Conc: 59.27 ng/ml



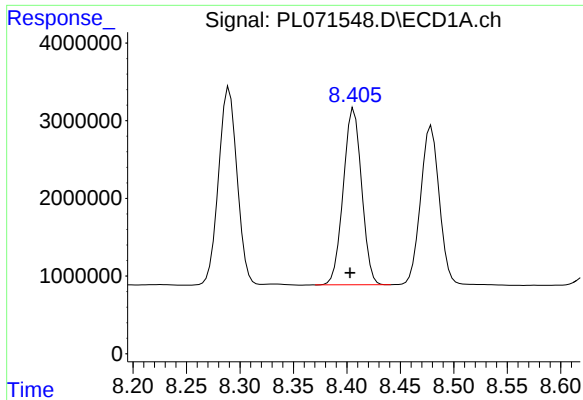
#16 4,4'-DDD

R.T.: 8.147 min
Delta R.T.: 0.004 min
Response: 25327984
Conc: 53.81 ng/ml



#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.005 min
Response: 52272293
Conc: 59.22 ng/ml



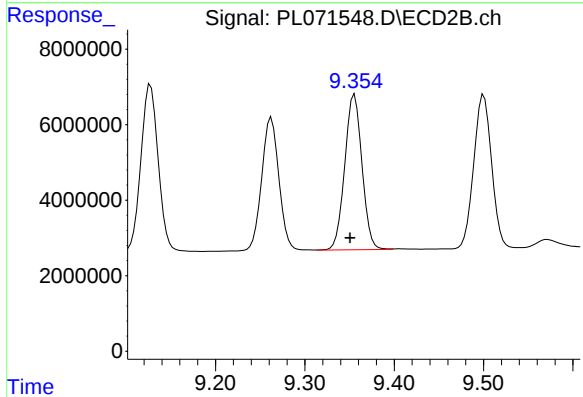
#17 4,4'-DDT

R.T.: 8.407 min
Delta R.T.: 0.003 min
Response: 27146492
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

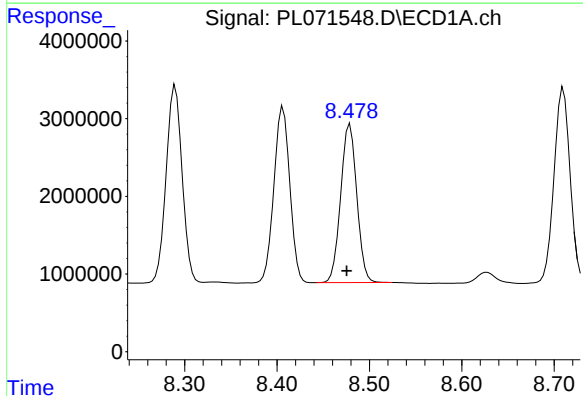
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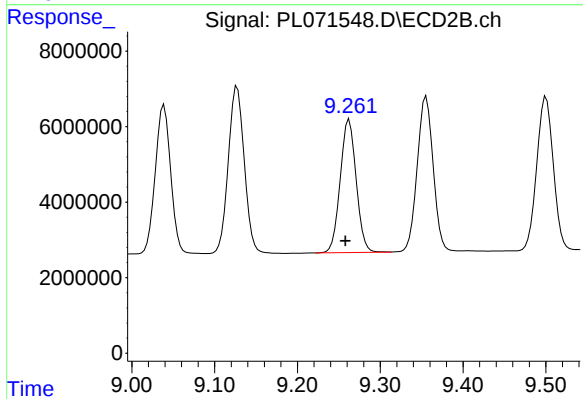
#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.005 min
Response: 55137966
Conc: 55.76 ng/ml



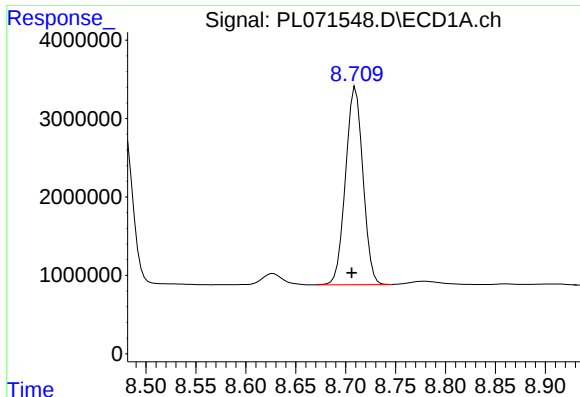
#18 Endrin aldehyde

R.T.: 8.479 min
Delta R.T.: 0.003 min
Response: 24730912
Conc: 58.16 ng/ml



#18 Endrin aldehyde

R.T.: 9.263 min
Delta R.T.: 0.005 min
Response: 47184106
Conc: 62.64 ng/ml



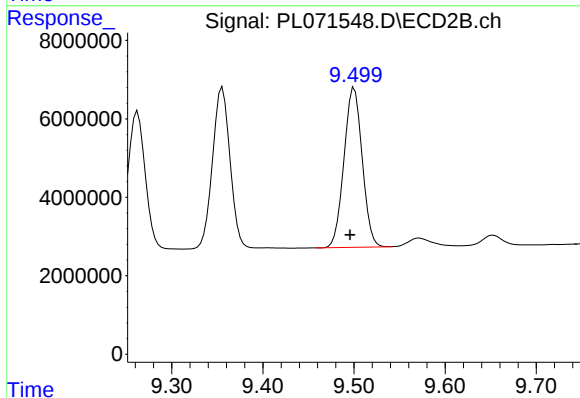
#19 Endosulfan Sulfate

R.T.: 8.710 min
Delta R.T.: 0.004 min
Response: 30566589
Conc: 53.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

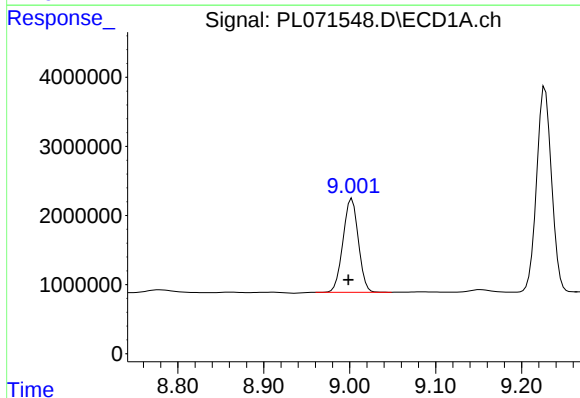
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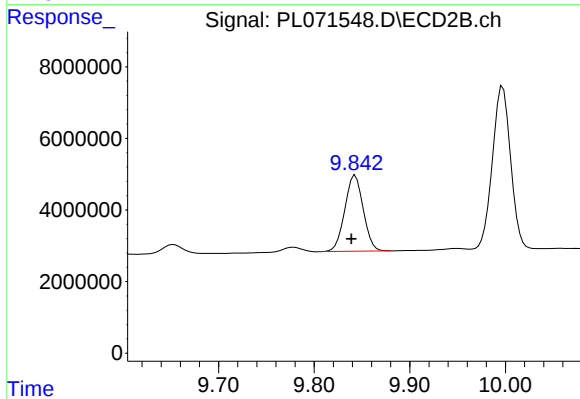
#19 Endosulfan Sulfate

R.T.: 9.500 min
Delta R.T.: 0.005 min
Response: 56542484
Conc: 57.69 ng/ml



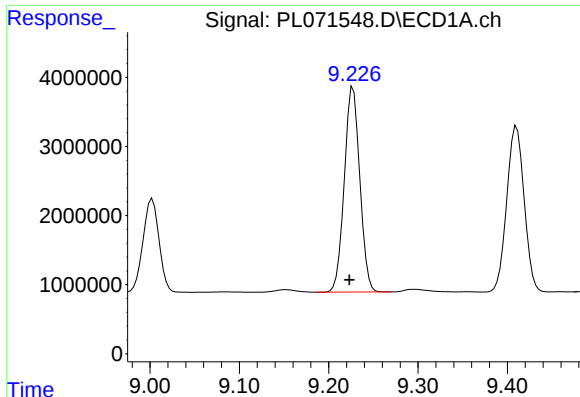
#20 Methoxychlor

R.T.: 9.003 min
Delta R.T.: 0.004 min
Response: 16856062
Conc: 52.04 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.004 min
Response: 28514177
Conc: 56.80 ng/ml



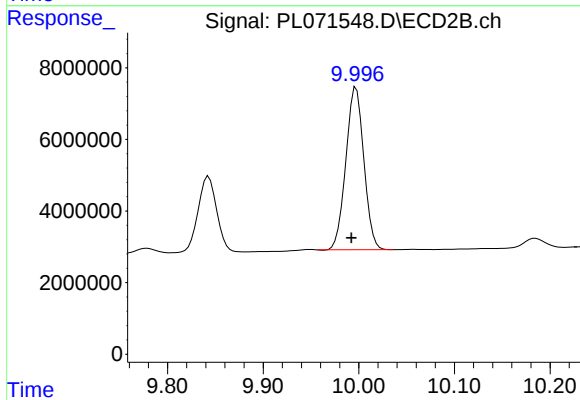
#21 Endrin ketone

R.T.: 9.227 min
Delta R.T.: 0.004 min
Response: 35806284
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

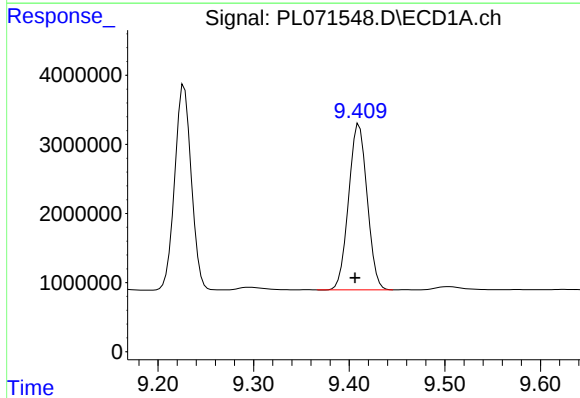
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APPROVED

Reviewed By :Abdul Mirza 12/22/2021
Supervised By :mohammad ahmed 12/22/2021



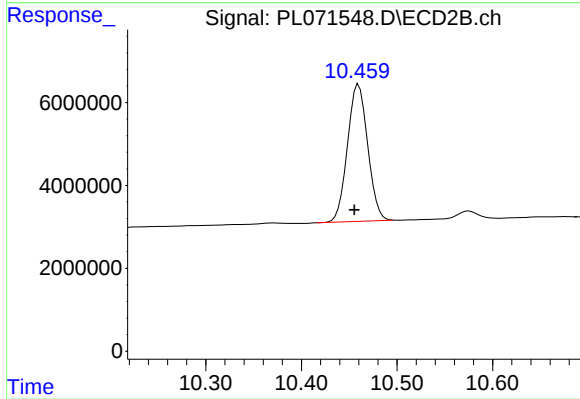
#21 Endrin ketone

R.T.: 9.997 min
Delta R.T.: 0.005 min
Response: 59505474
Conc: 56.59 ng/ml



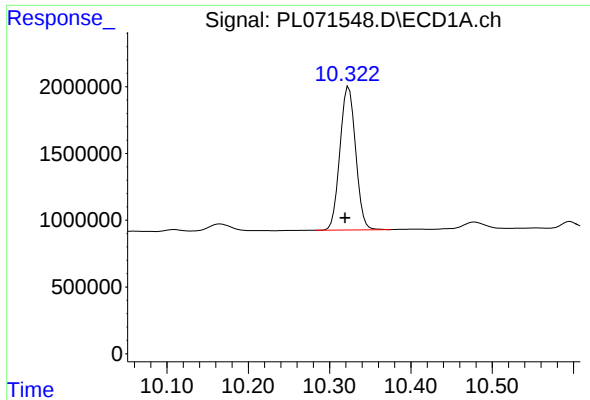
#22 Mirex

R.T.: 9.410 min
Delta R.T.: 0.004 min
Response: 32451899
Conc: 55.93 ng/ml



#22 Mirex

R.T.: 10.460 min
Delta R.T.: 0.004 min
Response: 48753287
Conc: 60.57 ng/ml



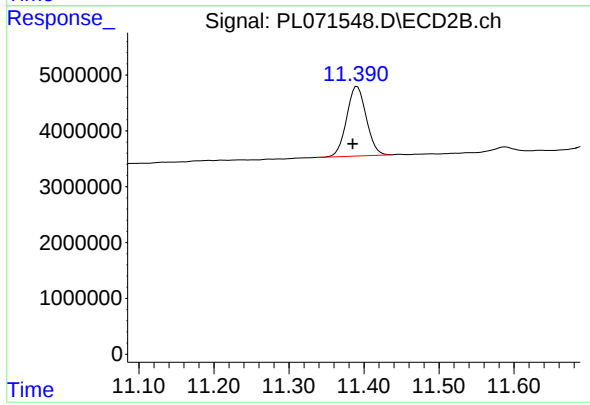
#28 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: 0.005 min
Response: 14385708
Conc: 21.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: 0.006 min
Response: 22644774
Conc: 20.84 ng/ml