

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110921\
 Data File : PL070873.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2021 12:12
 Operator : AR\AJ
 Sample : M4574-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VWE-B6-110521-0-10MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2021
 Supervised By : mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 04:33:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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...	4.570	5.504	8199488	21950278	16.740	17.409
28)	SA Decachlor...	10.335	11.398	9939132	20663678	14.546	15.451
Target Compounds							
2)	A alpha-BHC	5.276	6.085	29795681	88471726	44.511	48.061
3)	MA gamma-BHC...	5.699	6.481	29020354	83155995	43.263	47.955
4)	MA Heptachlor	6.107	7.128	31270743	83613648	43.582	51.477
5)	MB Aldrin	6.431	7.498	27798847	77002012	43.472	47.420
6)	B beta-BHC	6.081	6.737	13507022	37923661	41.581	44.261
7)	B delta-BHC	6.341	7.003	29230371	82196227	44.167	49.153
8)	B Heptachlo...	7.008	7.965	27605686	73691929	42.460	48.349
9)	A Endosulfan I	7.411	8.370	26507547	65903906	43.273	45.811
10)	B gamma-Chl...	7.285	8.235	28288693	70990590	42.615	45.849
11)	B alpha-Chl...	7.355	8.316	28383747	70000188	42.595	46.023
12)	B 4,4'-DDE	7.570	8.505	25795624	69049069	44.275	46.797
13)	MA Dieldrin	7.697	8.659	26710824	69051015	42.791	47.388
14)	MA Endrin	7.987	8.898	26686859	60215667	47.069m	51.986
15)	B Endosulfa...	8.299	9.133	24917843	56851633	41.163	46.548
16)	A 4,4'-DDD	8.156	9.044	21796503	52230390	42.898	43.401
17)	MA 4,4'-DDT	8.416	9.361	24824015	60379674	45.137	47.861
18)	B Endrin al...	8.488	9.268	19351693	44793418	42.595	46.320
19)	B Endosulfa...	8.719	9.505	26012382	55997341	42.167	45.181
20)	A Methoxychlor	9.012	9.847	16001846	30306461	43.740	44.779
21)	B Endrin ke...	9.237	10.001	30868270	63106377	43.169	43.962
22)	Mirex	9.421	10.466	25790608	46226278	41.995	44.380

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

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 Acq On : 09 Nov 2021 12:12
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 ALS Vial : 8 Sample Multiplier: 1

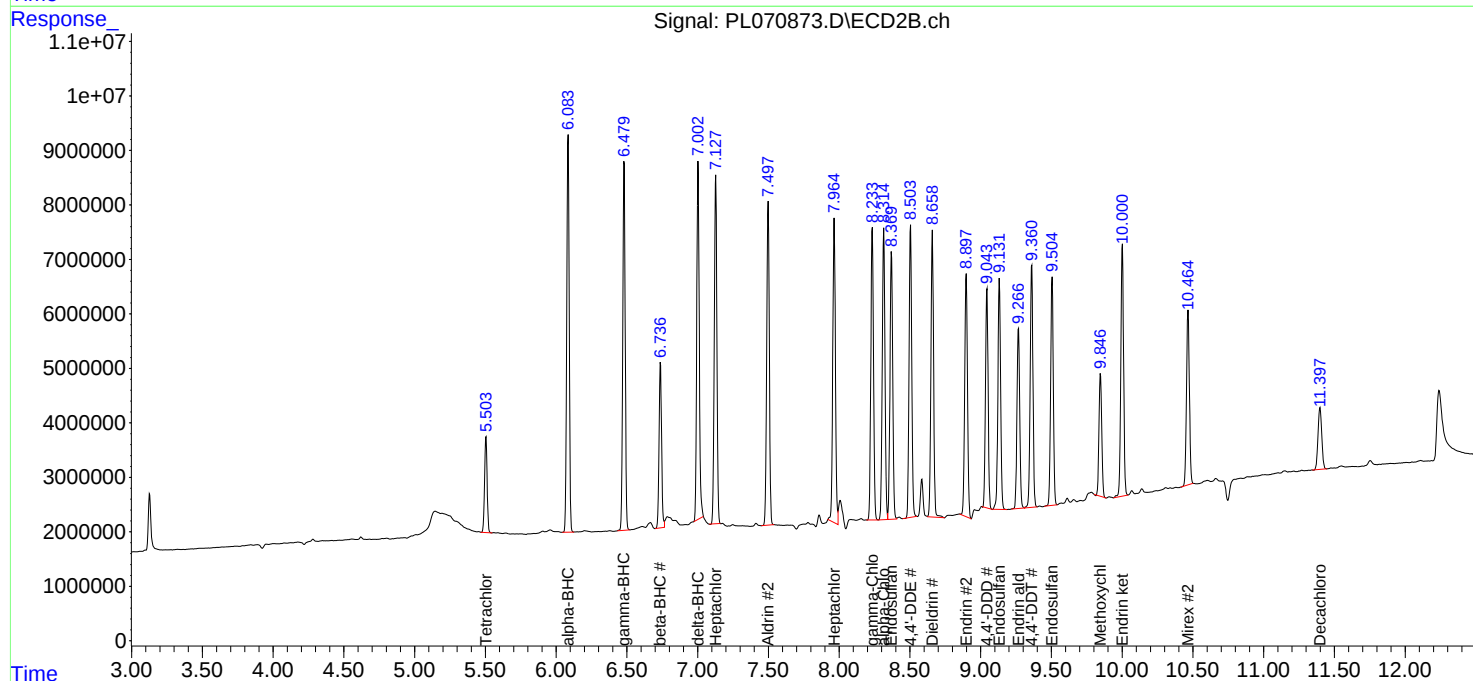
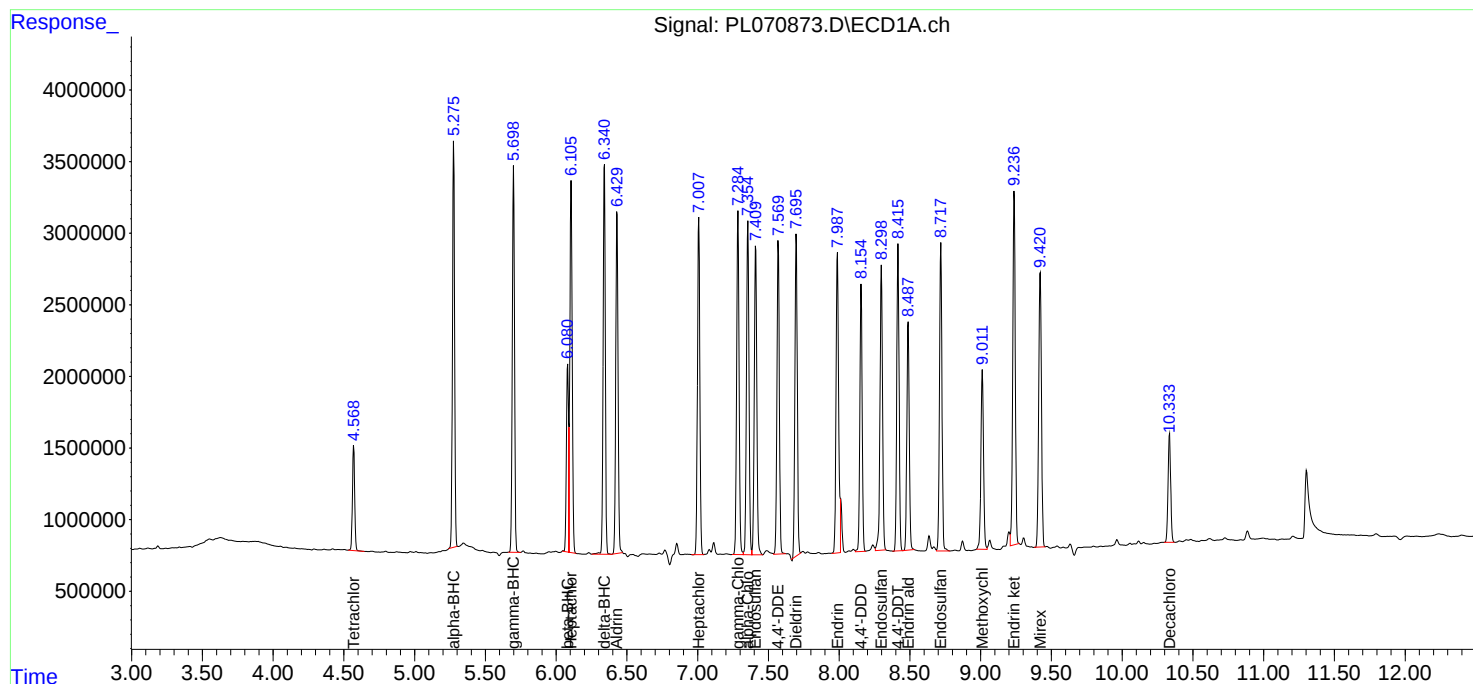
Instrument :
 ECD_L
 ClientSampleId :
 VWE-B6-110521-0-10MSD

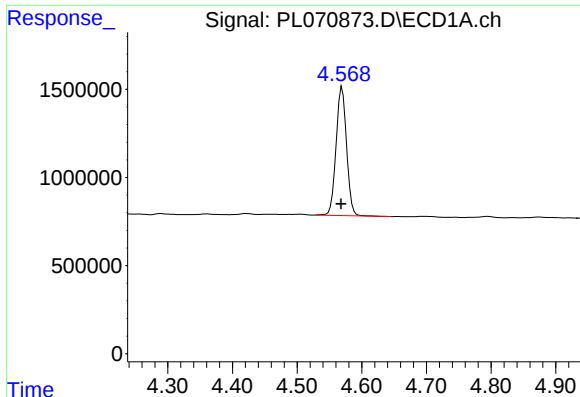
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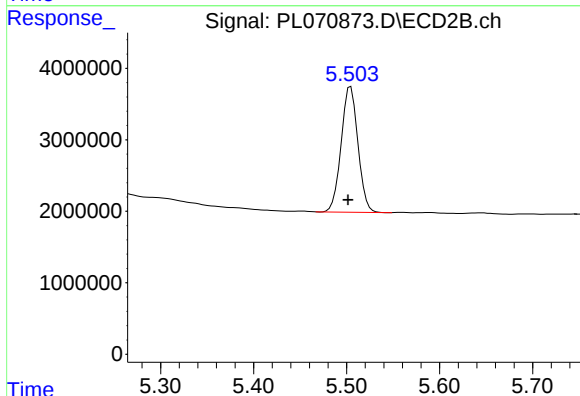
#1 Tetrachloro-m-xylene

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 8199488
Conc: 16.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

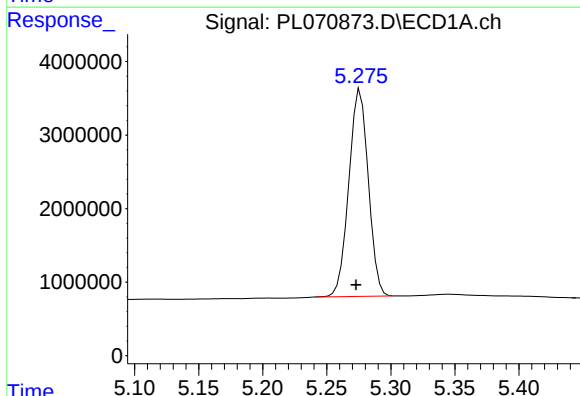
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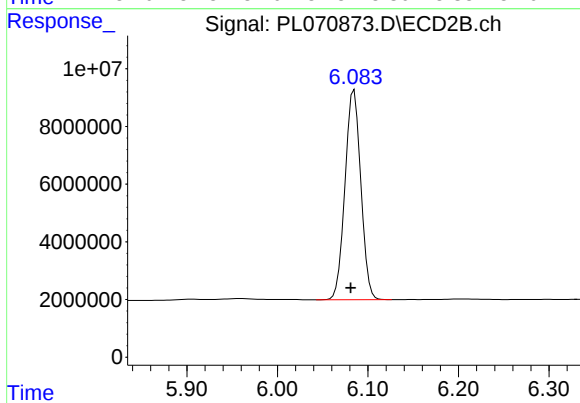
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 21950278
Conc: 17.41 ng/ml



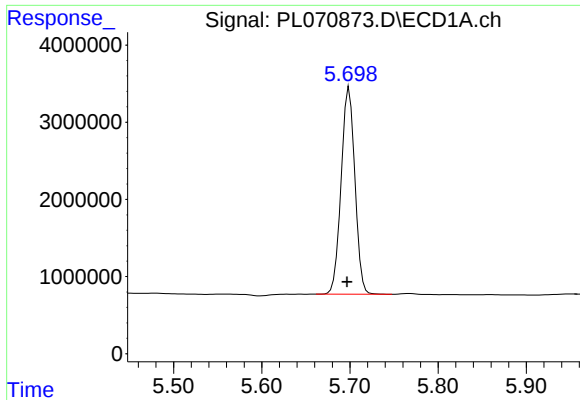
#2 alpha-BHC

R.T.: 5.276 min
Delta R.T.: 0.003 min
Response: 29795681
Conc: 44.51 ng/ml



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 88471726
Conc: 48.06 ng/ml



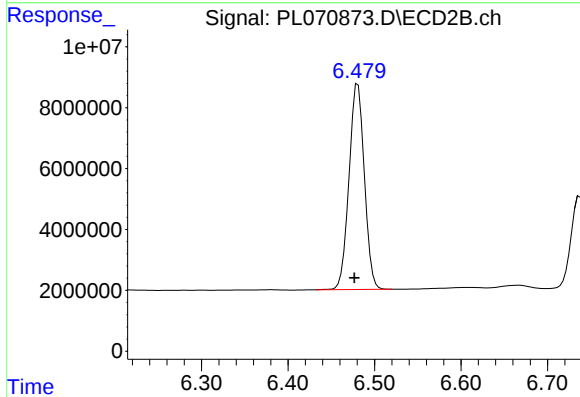
#3 gamma-BHC (Lindane)

R.T.: 5.699 min
Delta R.T.: 0.003 min
Response: 29020354
Conc: 43.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

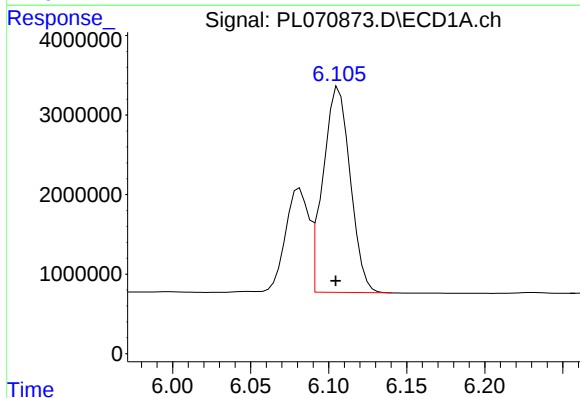
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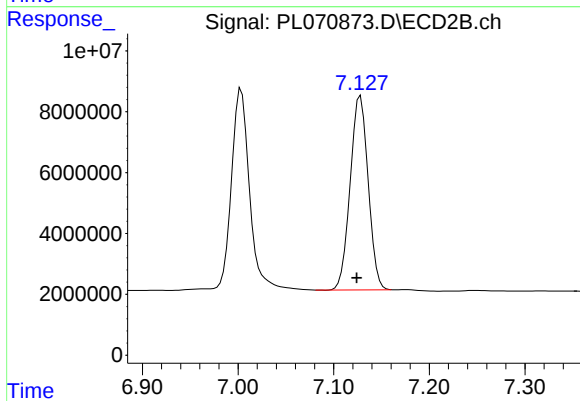
#3 gamma-BHC (Lindane)

R.T.: 6.481 min
Delta R.T.: 0.004 min
Response: 83155995
Conc: 47.95 ng/ml



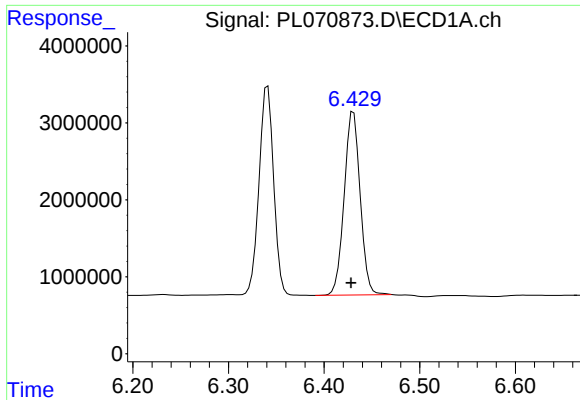
#4 Heptachlor

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 31270743
Conc: 43.58 ng/ml



#4 Heptachlor

R.T.: 7.128 min
Delta R.T.: 0.004 min
Response: 83613648
Conc: 51.48 ng/ml



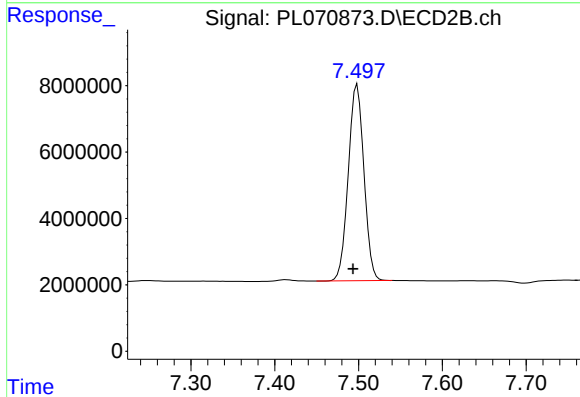
#5 Aldrin

R.T.: 6.431 min
Delta R.T.: 0.002 min
Response: 27798847
Conc: 43.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

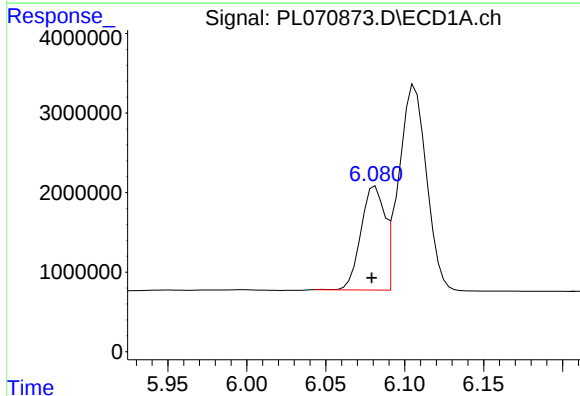
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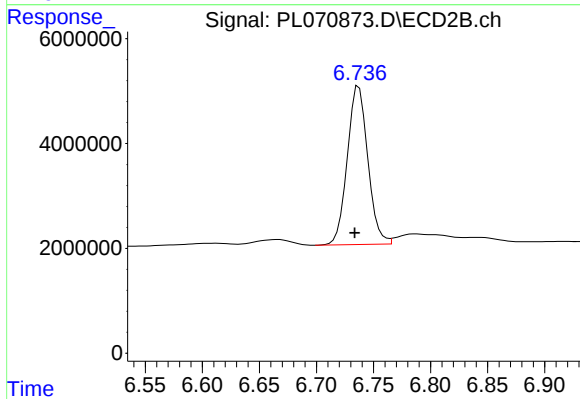
#5 Aldrin

R.T.: 7.498 min
Delta R.T.: 0.005 min
Response: 77002012
Conc: 47.42 ng/ml



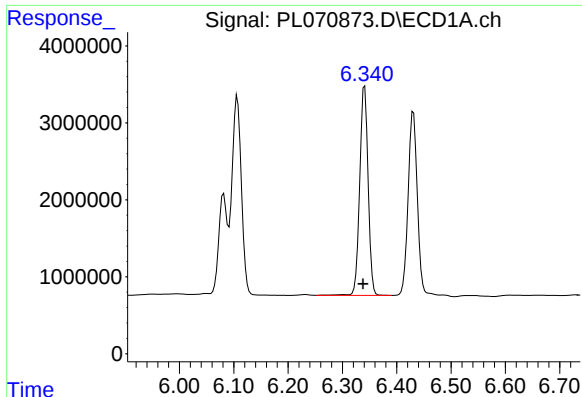
#6 beta-BHC

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 13507022
Conc: 41.58 ng/ml



#6 beta-BHC

R.T.: 6.737 min
Delta R.T.: 0.004 min
Response: 37923661
Conc: 44.26 ng/ml



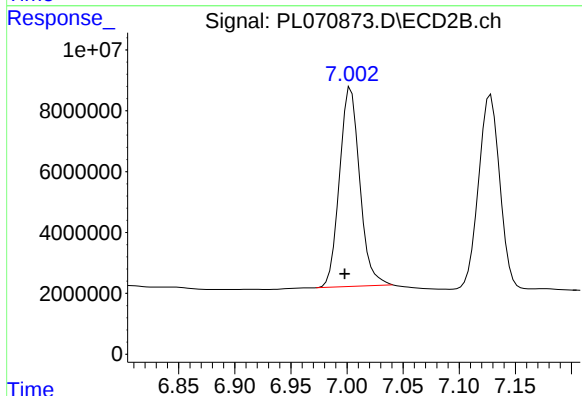
#7 delta-BHC

R.T.: 6.341 min
Delta R.T.: 0.003 min
Response: 29230371
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

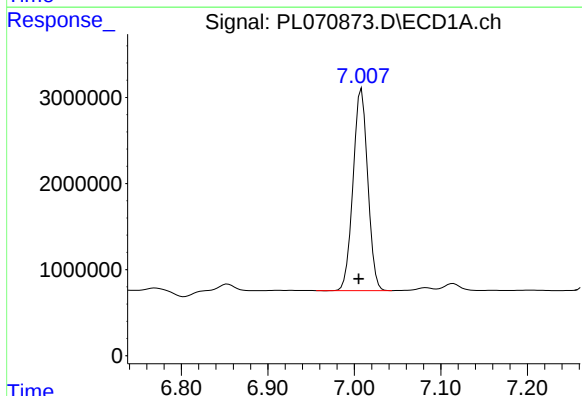
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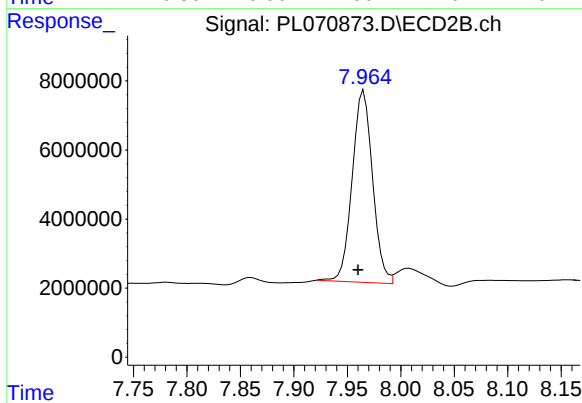
#7 delta-BHC

R.T.: 7.003 min
Delta R.T.: 0.006 min
Response: 82196227
Conc: 49.15 ng/ml



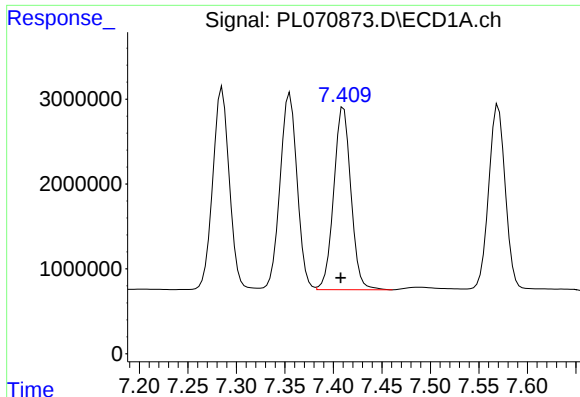
#8 Heptachlor epoxide

R.T.: 7.008 min
Delta R.T.: 0.003 min
Response: 27605686
Conc: 42.46 ng/ml



#8 Heptachlor epoxide

R.T.: 7.965 min
Delta R.T.: 0.005 min
Response: 73691929
Conc: 48.35 ng/ml



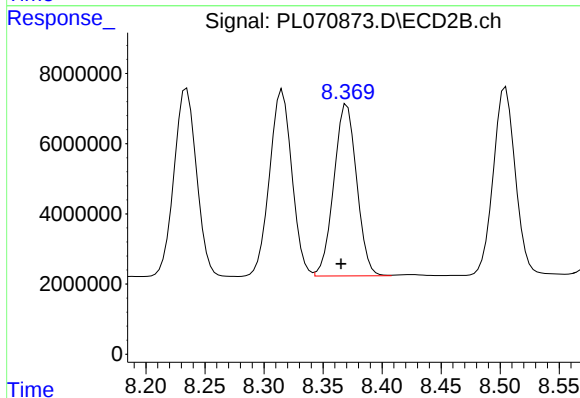
#9 Endosulfan I

R.T.: 7.411 min
Delta R.T.: 0.003 min
Response: 26507547
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

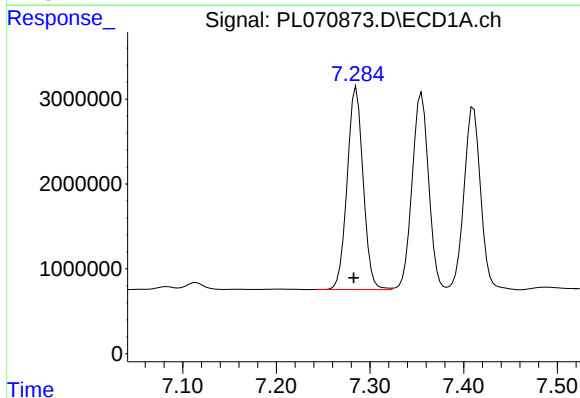
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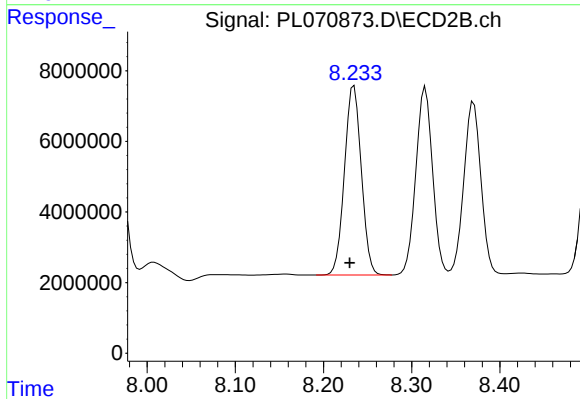
#9 Endosulfan I

R.T.: 8.370 min
Delta R.T.: 0.005 min
Response: 65903906
Conc: 45.81 ng/ml



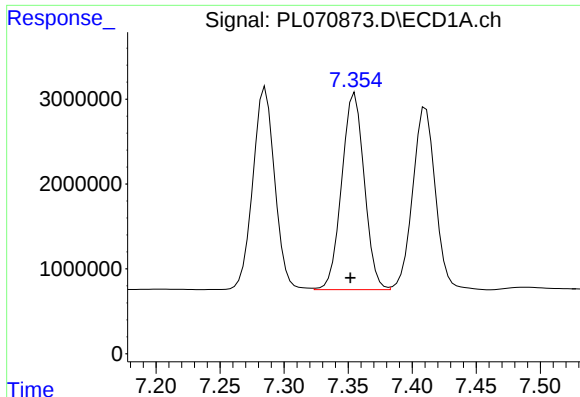
#10 gamma-Chlordane

R.T.: 7.285 min
Delta R.T.: 0.003 min
Response: 28288693
Conc: 42.61 ng/ml



#10 gamma-Chlordane

R.T.: 8.235 min
Delta R.T.: 0.005 min
Response: 70990590
Conc: 45.85 ng/ml



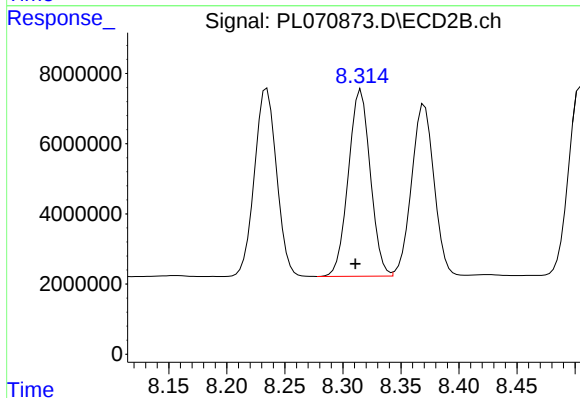
#11 alpha-Chlordane

R.T.: 7.355 min
Delta R.T.: 0.003 min
Response: 28383747
Conc: 42.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

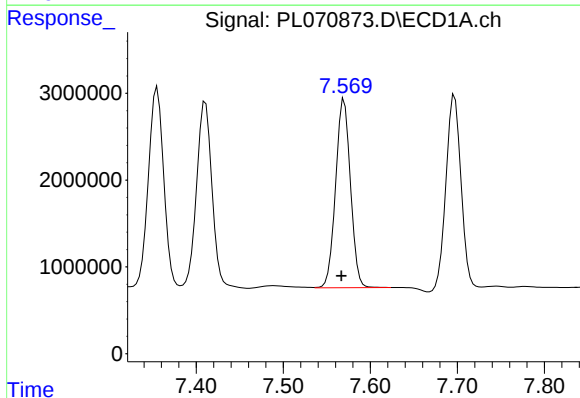
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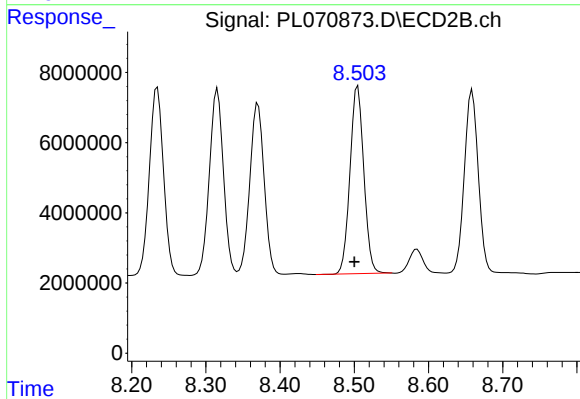
#11 alpha-Chlordane

R.T.: 8.316 min
Delta R.T.: 0.005 min
Response: 70000188
Conc: 46.02 ng/ml



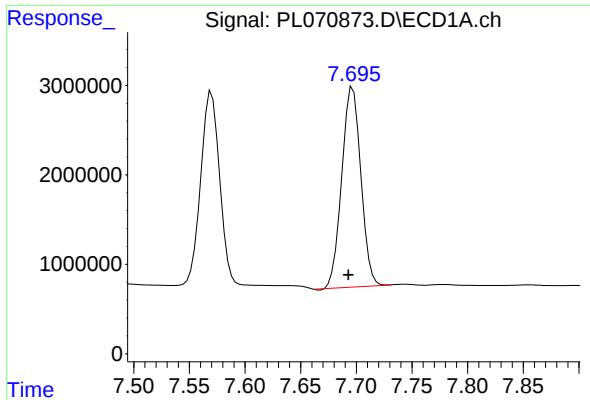
#12 4,4'-DDE

R.T.: 7.570 min
Delta R.T.: 0.003 min
Response: 25795624
Conc: 44.27 ng/ml



#12 4,4'-DDE

R.T.: 8.505 min
Delta R.T.: 0.004 min
Response: 69049069
Conc: 46.80 ng/ml



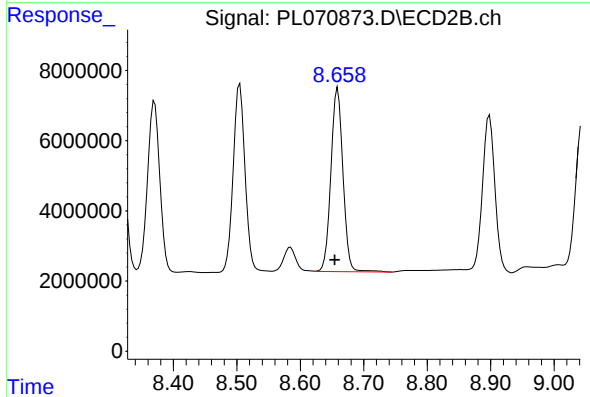
#13 Dieldrin

R.T.: 7.697 min
Delta R.T.: 0.004 min
Response: 26710824
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
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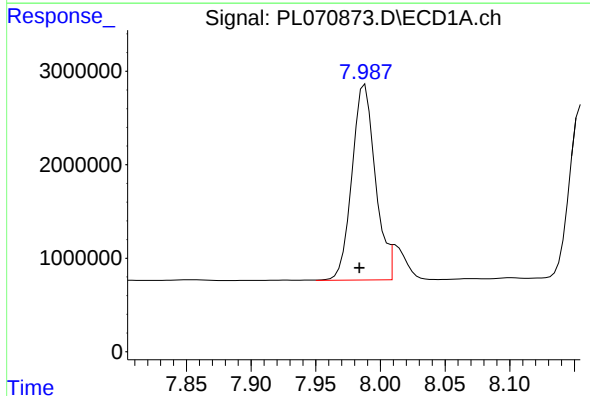
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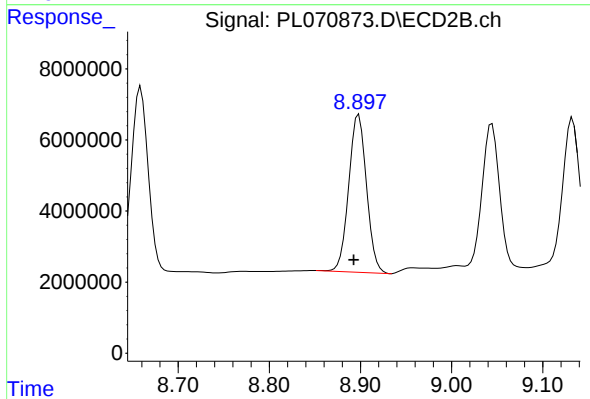
#13 Dieldrin

R.T.: 8.659 min
Delta R.T.: 0.005 min
Response: 69051015
Conc: 47.39 ng/ml



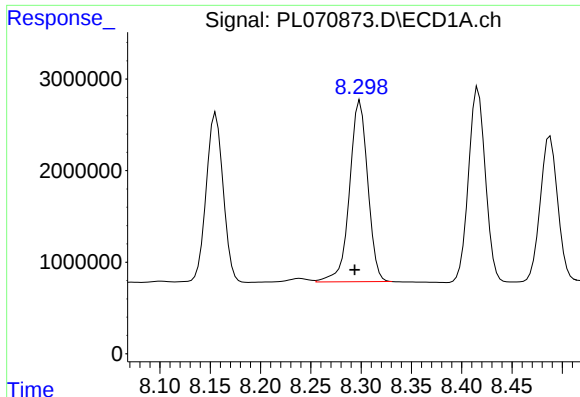
#14 Endrin

R.T.: 7.987 min
Delta R.T.: 0.003 min
Response: 26686859
Conc: 47.07 ng/ml m



#14 Endrin

R.T.: 8.898 min
Delta R.T.: 0.005 min
Response: 60215667
Conc: 51.99 ng/ml



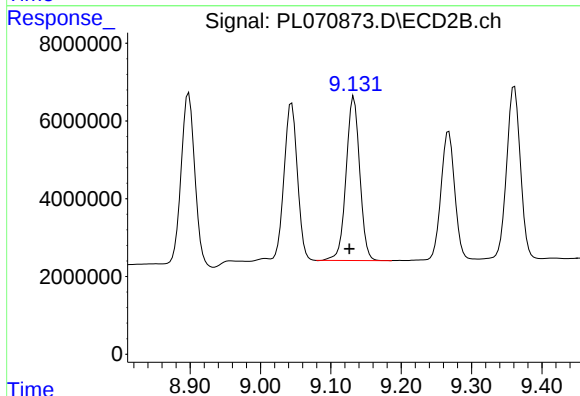
#15 Endosulfan II

R.T.: 8.299 min
Delta R.T.: 0.005 min
Response: 24917843
Conc: 41.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

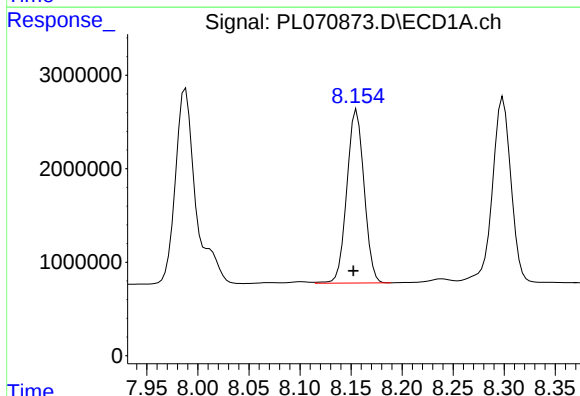
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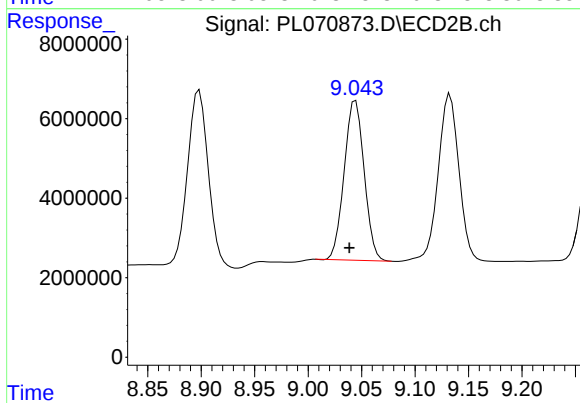
#15 Endosulfan II

R.T.: 9.133 min
Delta R.T.: 0.006 min
Response: 56851633
Conc: 46.55 ng/ml



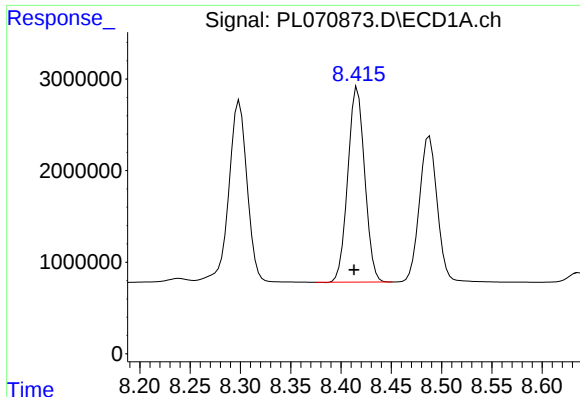
#16 4,4'-DDD

R.T.: 8.156 min
Delta R.T.: 0.003 min
Response: 21796503
Conc: 42.90 ng/ml



#16 4,4'-DDD

R.T.: 9.044 min
Delta R.T.: 0.006 min
Response: 52230390
Conc: 43.40 ng/ml



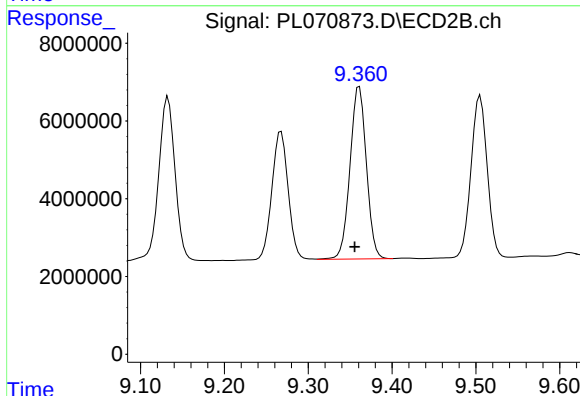
#17 4,4'-DDT

R.T.: 8.416 min
Delta R.T.: 0.003 min
Response: 24824015
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
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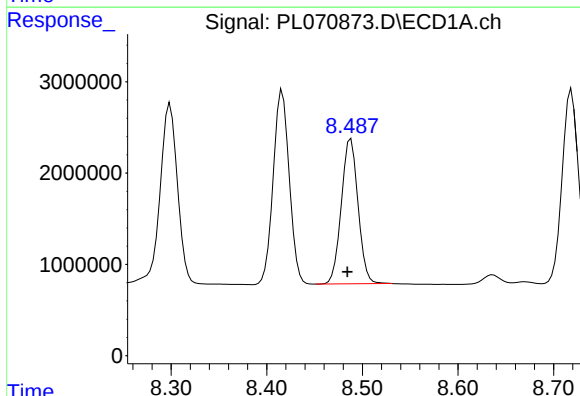
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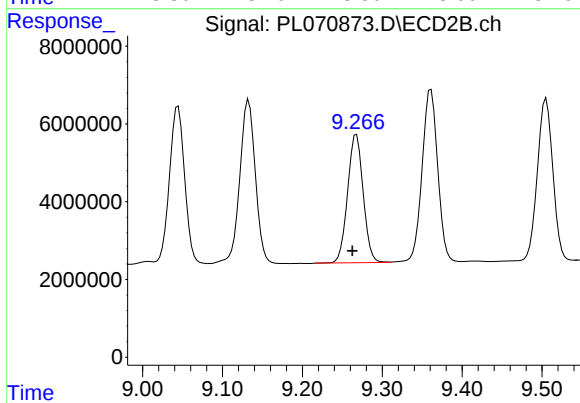
#17 4,4'-DDT

R.T.: 9.361 min
Delta R.T.: 0.005 min
Response: 60379674
Conc: 47.86 ng/ml



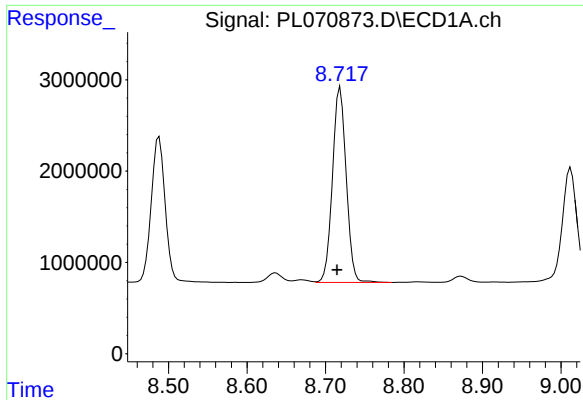
#18 Endrin aldehyde

R.T.: 8.488 min
Delta R.T.: 0.004 min
Response: 19351693
Conc: 42.60 ng/ml



#18 Endrin aldehyde

R.T.: 9.268 min
Delta R.T.: 0.005 min
Response: 44793418
Conc: 46.32 ng/ml



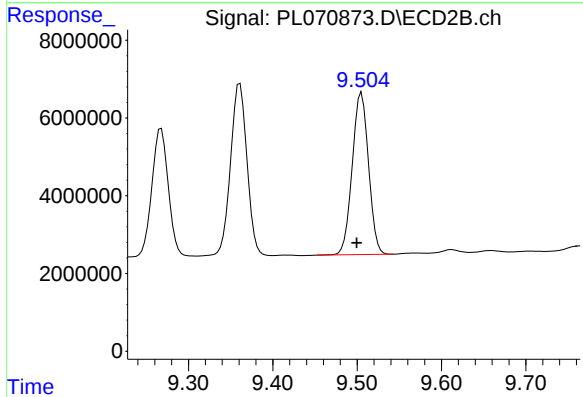
#19 Endosulfan Sulfate

R.T.: 8.719 min
Delta R.T.: 0.004 min
Response: 26012382
Conc: 42.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

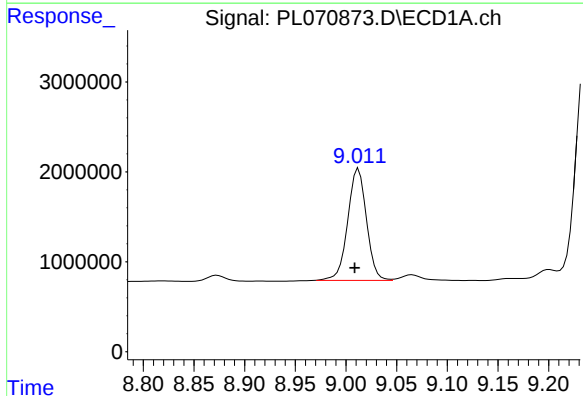
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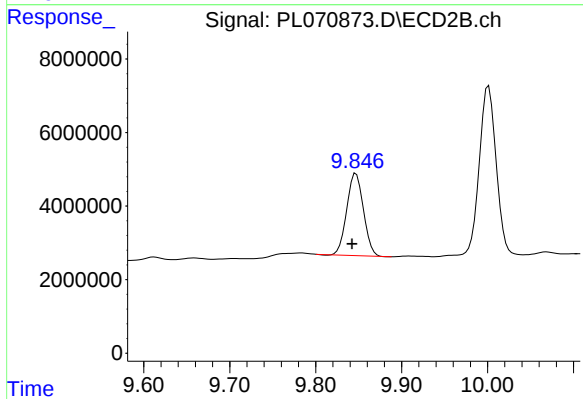
#19 Endosulfan Sulfate

R.T.: 9.505 min
Delta R.T.: 0.006 min
Response: 55997341
Conc: 45.18 ng/ml



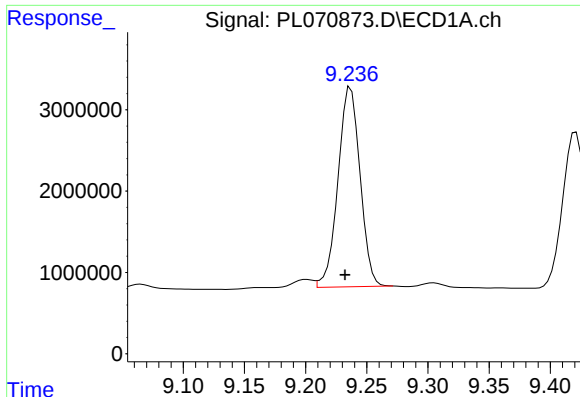
#20 Methoxychlor

R.T.: 9.012 min
Delta R.T.: 0.004 min
Response: 16001846
Conc: 43.74 ng/ml



#20 Methoxychlor

R.T.: 9.847 min
Delta R.T.: 0.005 min
Response: 30306461
Conc: 44.78 ng/ml



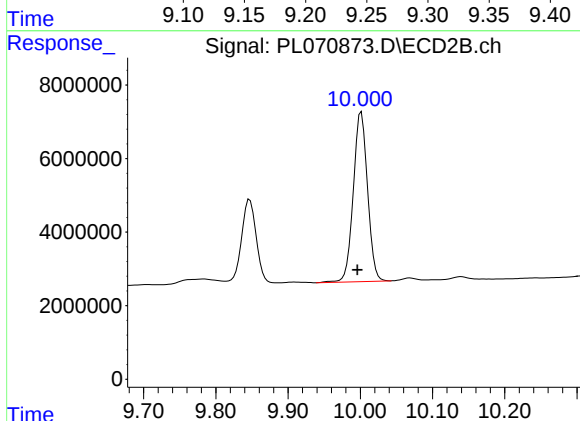
#21 Endrin ketone

R.T.: 9.237 min
Delta R.T.: 0.005 min
Response: 30868270
Conc: 43.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

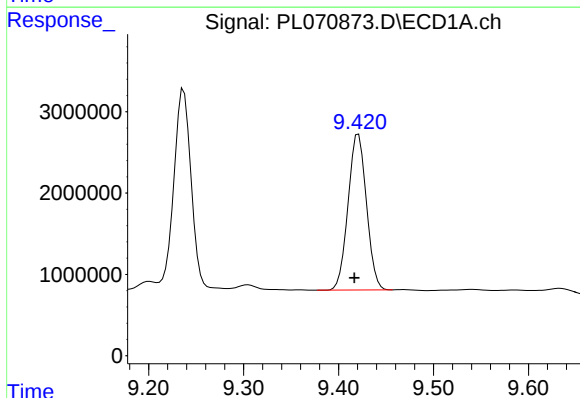
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



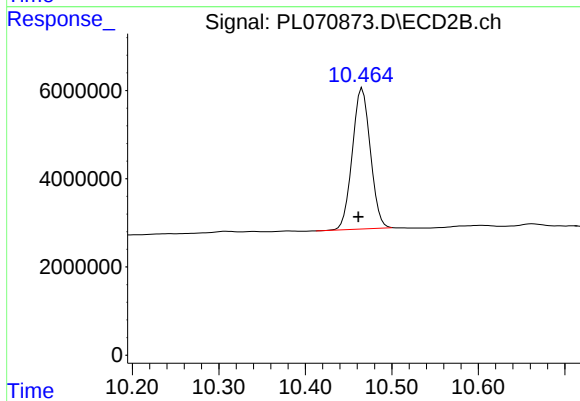
#21 Endrin ketone

R.T.: 10.001 min
Delta R.T.: 0.005 min
Response: 63106377
Conc: 43.96 ng/ml



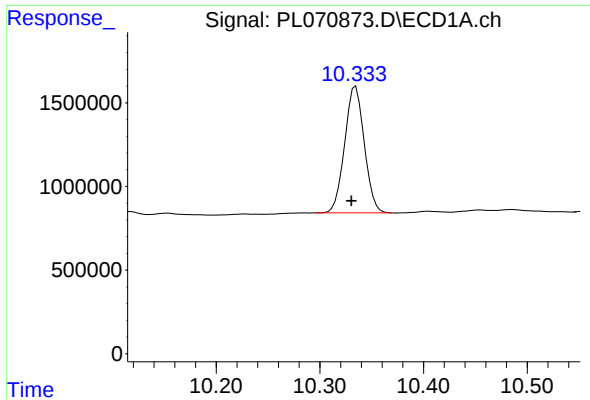
#22 Mirex

R.T.: 9.421 min
Delta R.T.: 0.004 min
Response: 25790608
Conc: 42.00 ng/ml



#22 Mirex

R.T.: 10.466 min
Delta R.T.: 0.005 min
Response: 46226278
Conc: 44.38 ng/ml



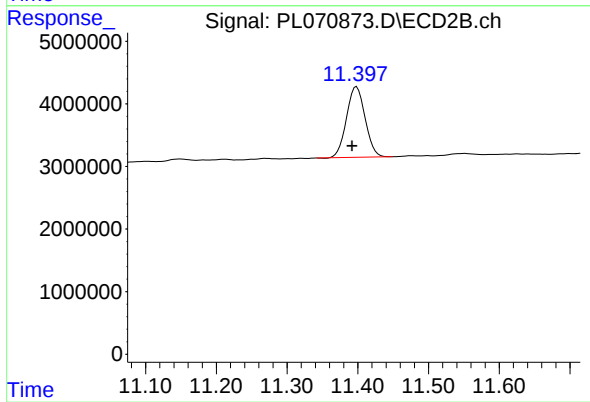
#28 Decachlorobiphenyl

R.T.: 10.335 min
Delta R.T.: 0.004 min
Response: 9939132
Conc: 14.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
VWE-B6-110521-0-10MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.398 min
Delta R.T.: 0.006 min
Response: 20663678
Conc: 15.45 ng/ml