

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
 Data File : PL076098.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 10:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/30/2022
 Supervised By : Ankita Jodhani 06/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 04:13:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 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...	5.649	4.635	41293151	95807360	54.597	50.515
28)	SA Decachlor...	11.640	10.376	32811836	72247177	52.143	47.040
Target Compounds							
2)	A alpha-BHC	6.232	5.337	55375277	126.4E6	56.061	51.723
3)	MA gamma-BHC...	6.629	5.757	52456284	117.5E6	56.662m	50.844
4)	MA Heptachlor	7.284	6.164	51638594	113.9E6	56.292	50.184
5)	MB Aldrin	7.658	6.488	47510034	106.7E6	57.236	51.690
6)	B beta-BHC	6.882	6.137	24155862	50670742	55.155	48.576
7)	B delta-BHC	7.153	6.397	45953104	116.4E6	58.854	51.523
8)	B Heptachlo...	8.125	7.062	36473458	97182748	45.808	50.658
9)	A Endosulfan I	8.533	7.464	40135300	89545798	55.521	51.000
10)	B gamma-Chl...	8.396	7.338	42582376	98963554	54.785	51.483
11)	B alpha-Chl...	8.477	7.407	43279428	97010949	55.731	50.685
12)	B 4,4'-DDE	8.663	7.619	38246647	87148400	56.586	51.344
13)	MA Dieldrin	8.823	7.748	40726461	90931302	55.475	50.532
14)	MA Endrin	9.065	8.039	33135580	76364148	53.145	50.250
15)	B Endosulfa...	9.298	8.349	34465971	74074614	54.323	49.008
16)	A 4,4'-DDD	9.205	8.203	31738505	70471842	55.973	50.809
17)	MA 4,4'-DDT	9.524	8.463	34570681	74528386	56.630	50.391
18)	B Endrin al...	9.433	8.537	27462506	58235600	53.168	48.782
19)	B Endosulfa...	9.671	8.766	34493341	75831933	53.805	49.426
20)	A Methoxychlor	10.008	9.055	18941731	40240533	55.222	47.254
21)	B Endrin ke...	10.173	9.285	40446938	81939383	56.116	49.597
22)	Mirex	10.646	9.471	28903367	63924618	53.739	47.770

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

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ClientSampleId :

PSTDCCC050

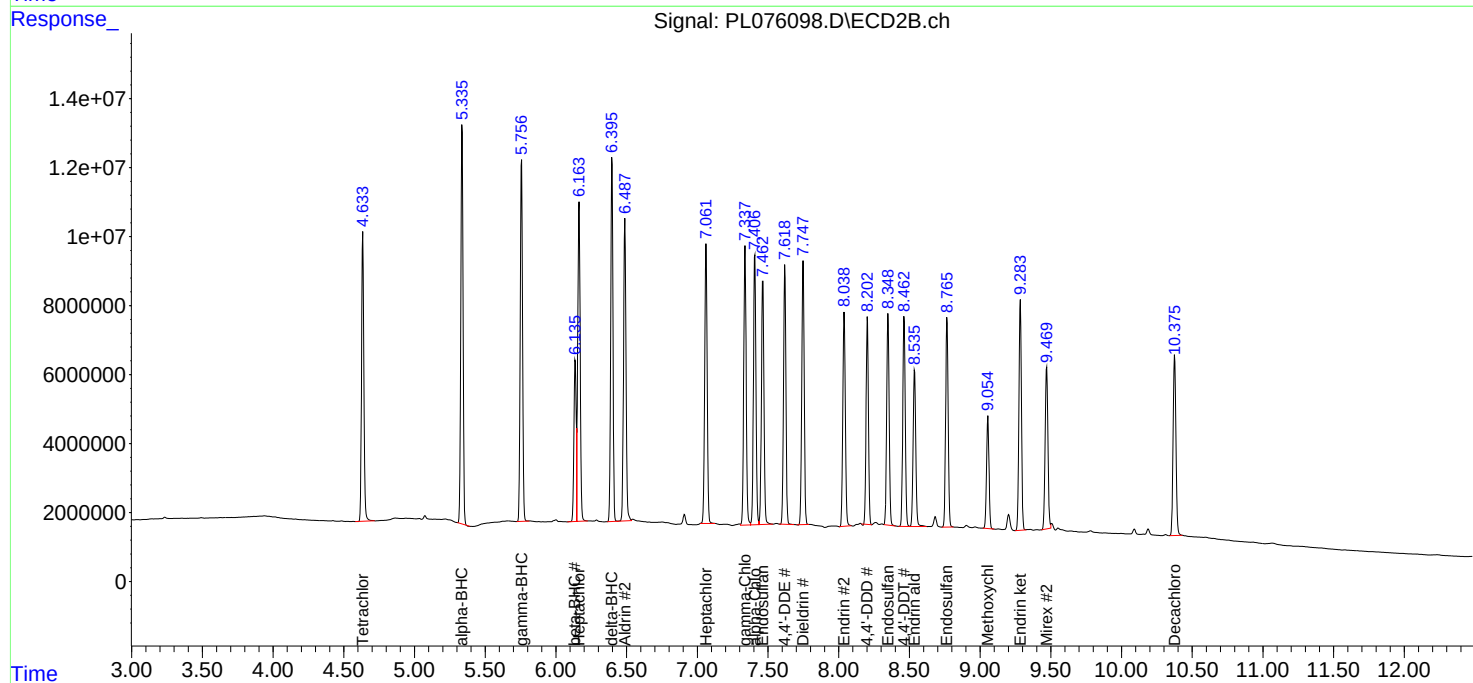
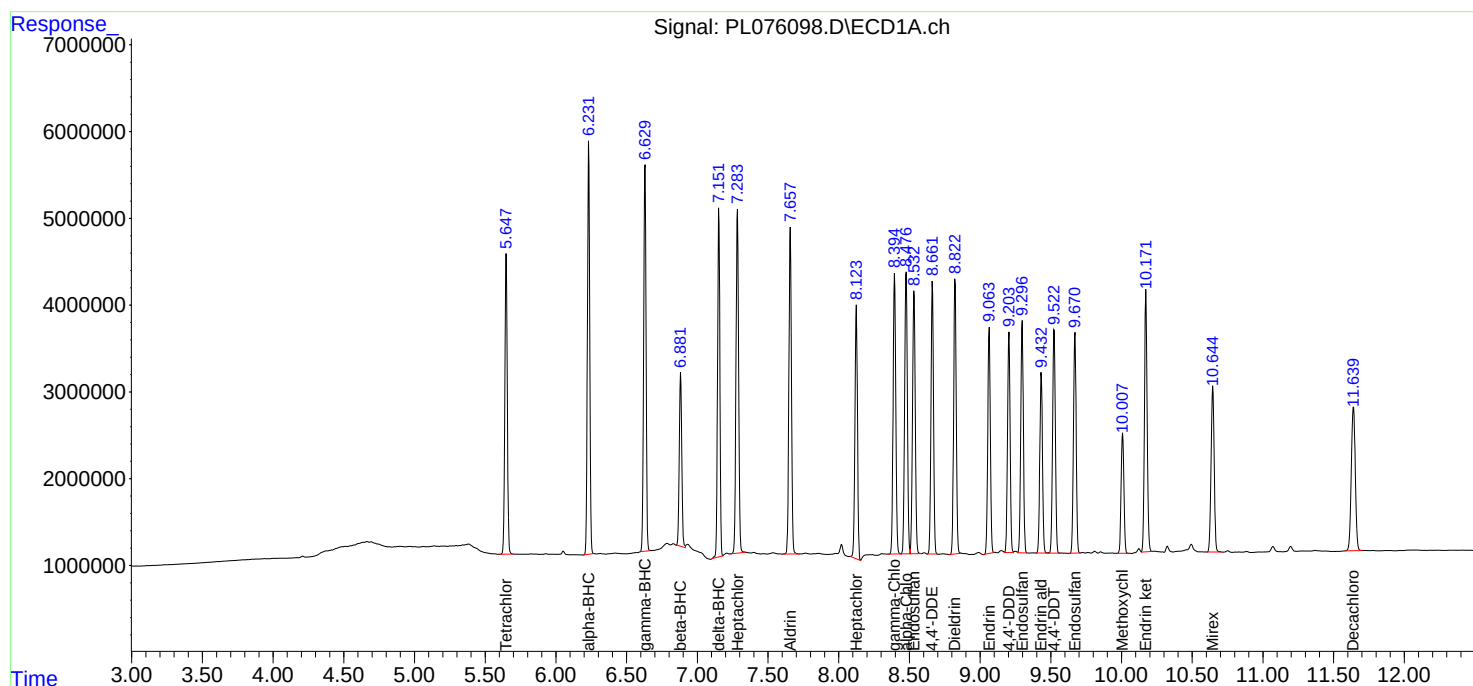
Manual Integrations

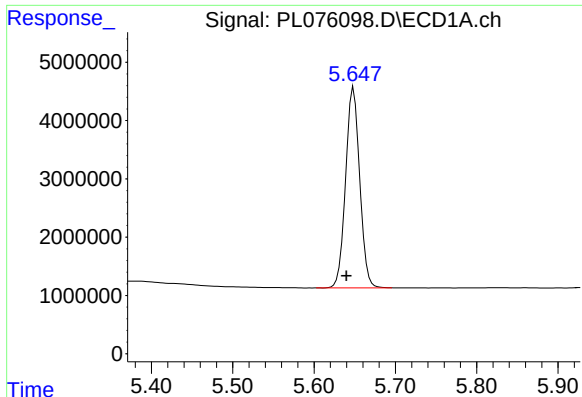
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Reviewed By :Abdul Mirza 06/30/2022
 Supervised By :Ankita Jodhani 06/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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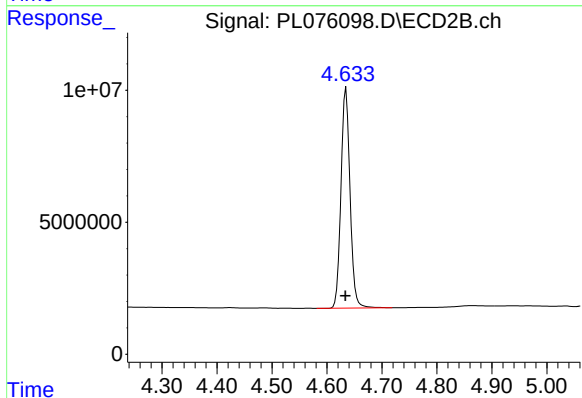
#1 Tetrachloro-m-xylene

R.T.: 5.649 min
Delta R.T.: 0.009 min
Response: 41293151
Conc: 54.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

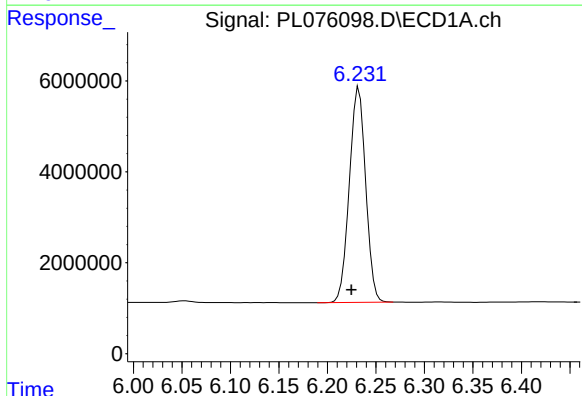
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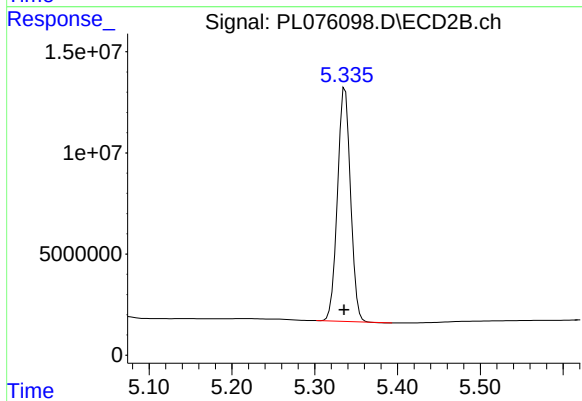
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 95807360
Conc: 50.52 ng/ml



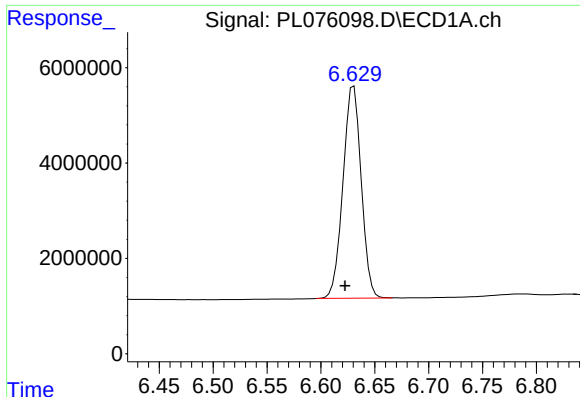
#2 alpha-BHC

R.T.: 6.232 min
Delta R.T.: 0.008 min
Response: 55375277
Conc: 56.06 ng/ml



#2 alpha-BHC

R.T.: 5.337 min
Delta R.T.: 0.001 min
Response: 126423071
Conc: 51.72 ng/ml



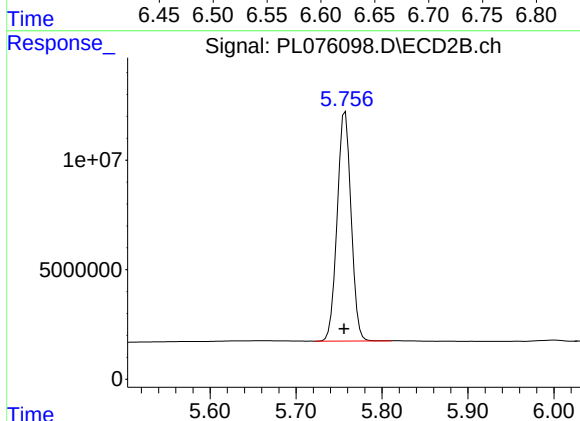
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: 0.007 min
Response: 52456284
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

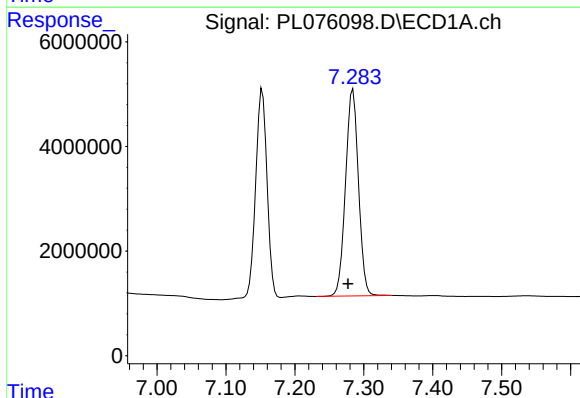
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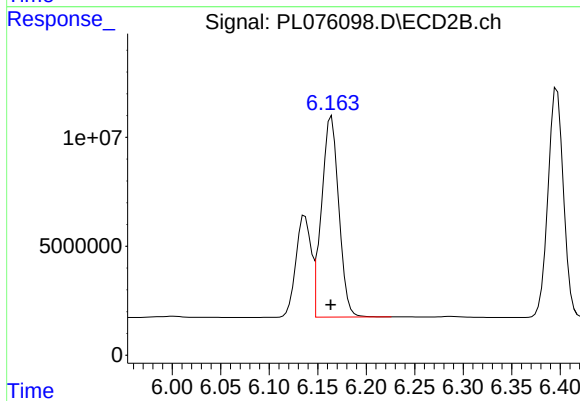
#3 gamma-BHC (Lindane)

R.T.: 5.757 min
Delta R.T.: 0.001 min
Response: 117542615
Conc: 50.84 ng/ml



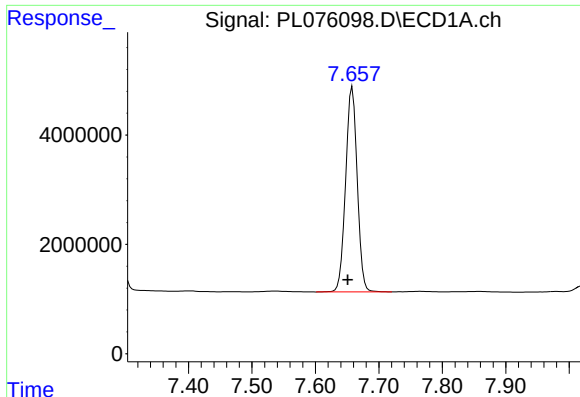
#4 Heptachlor

R.T.: 7.284 min
Delta R.T.: 0.007 min
Response: 51638594
Conc: 56.29 ng/ml



#4 Heptachlor

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 113853530
Conc: 50.18 ng/ml



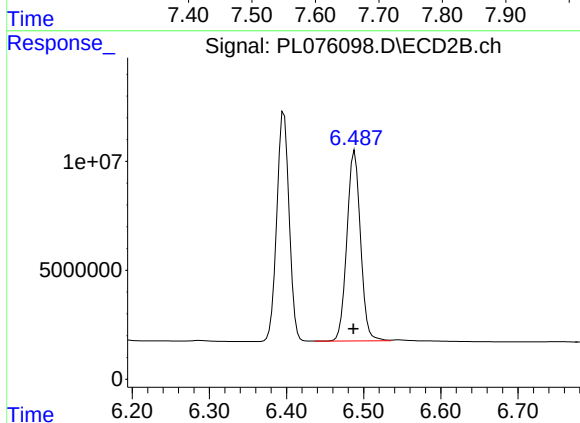
#5 Aldrin

R.T.: 7.658 min
Delta R.T.: 0.007 min
Response: 47510034
Conc: 57.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

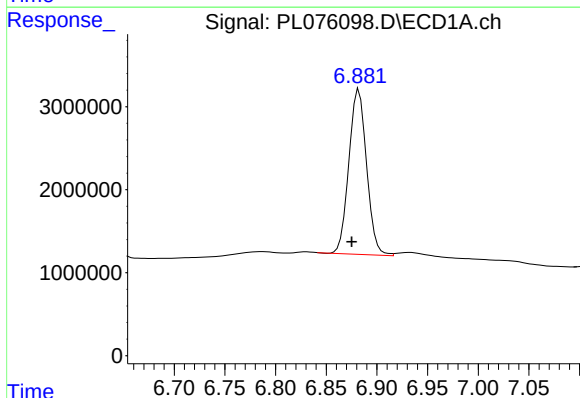
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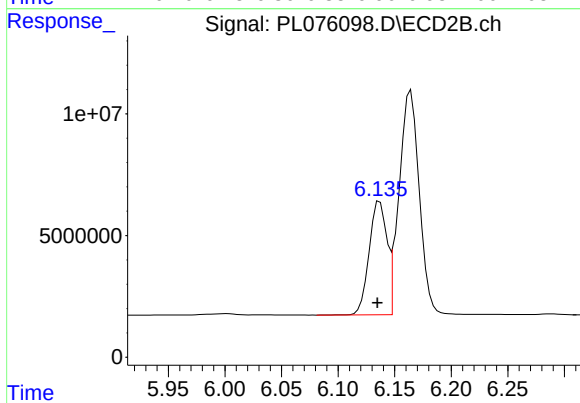
#5 Aldrin

R.T.: 6.488 min
Delta R.T.: 0.001 min
Response: 106717074
Conc: 51.69 ng/ml



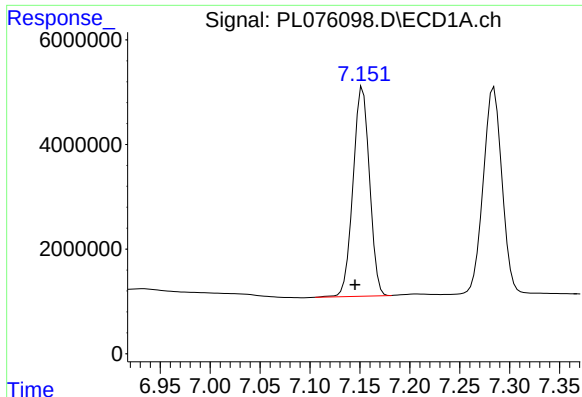
#6 beta-BHC

R.T.: 6.882 min
Delta R.T.: 0.007 min
Response: 24155862
Conc: 55.15 ng/ml



#6 beta-BHC

R.T.: 6.137 min
Delta R.T.: 0.002 min
Response: 50670742
Conc: 48.58 ng/ml



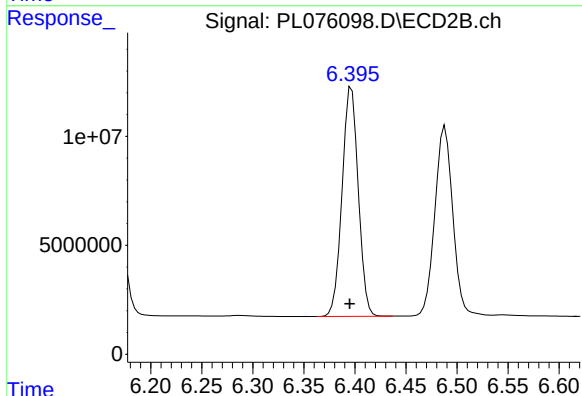
#7 delta-BHC

R.T.: 7.153 min
Delta R.T.: 0.008 min
Response: 45953104
Conc: 58.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

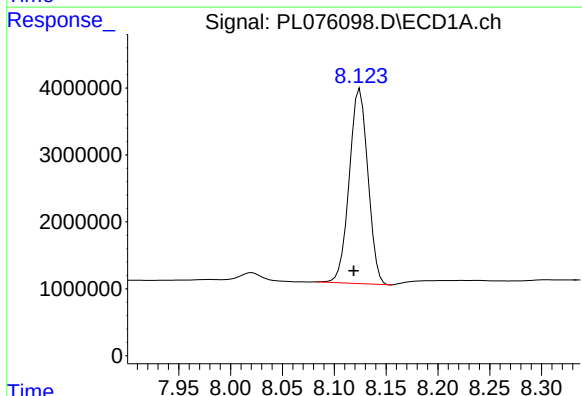
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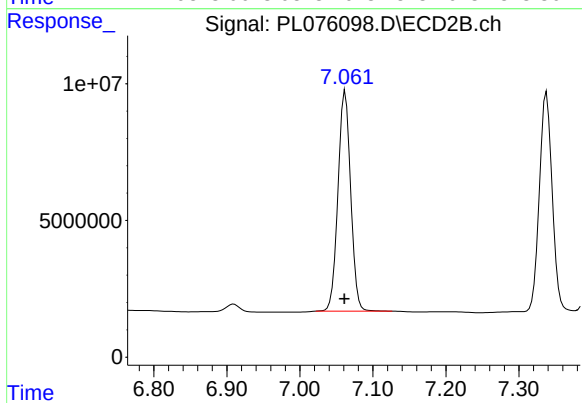
#7 delta-BHC

R.T.: 6.397 min
Delta R.T.: 0.002 min
Response: 116384949
Conc: 51.52 ng/ml



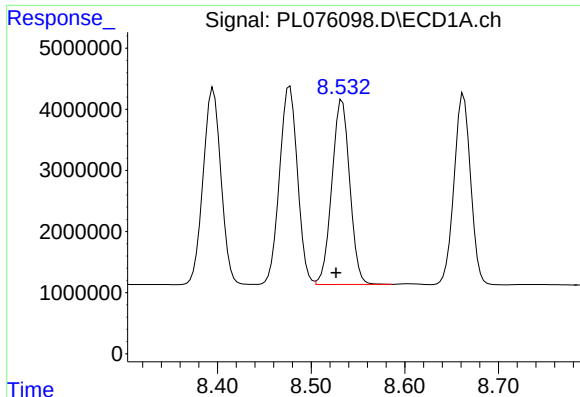
#8 Heptachlor epoxide

R.T.: 8.125 min
Delta R.T.: 0.006 min
Response: 36473458
Conc: 45.81 ng/ml



#8 Heptachlor epoxide

R.T.: 7.062 min
Delta R.T.: 0.001 min
Response: 97182748
Conc: 50.66 ng/ml



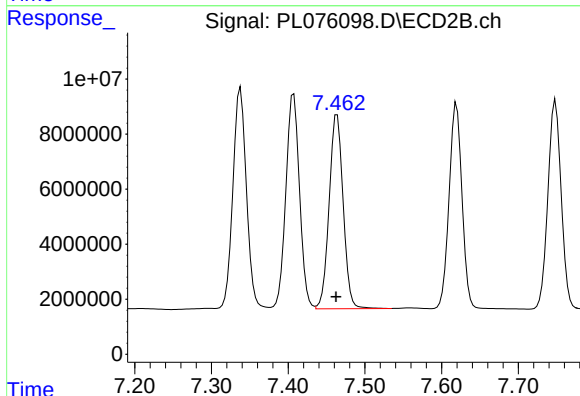
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: 0.007 min
Response: 40135300
Conc: 55.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

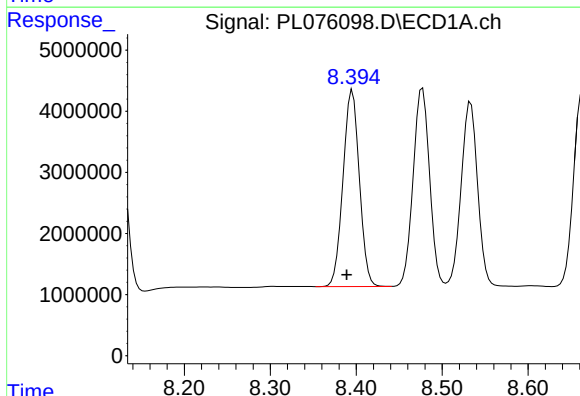
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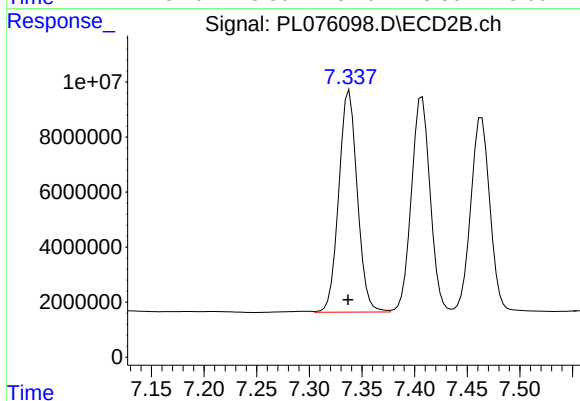
#9 Endosulfan I

R.T.: 7.464 min
Delta R.T.: 0.001 min
Response: 89545798
Conc: 51.00 ng/ml



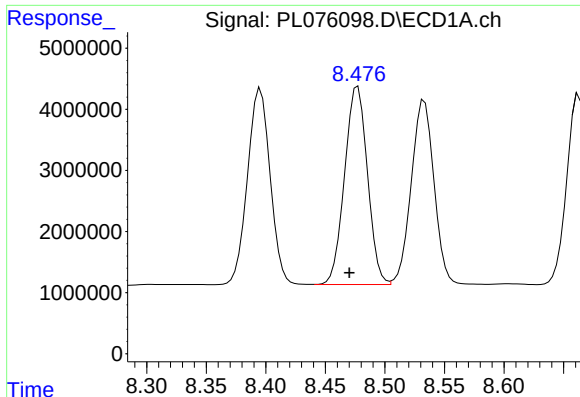
#10 gamma-Chlordane

R.T.: 8.396 min
Delta R.T.: 0.007 min
Response: 42582376
Conc: 54.78 ng/ml



#10 gamma-Chlordane

R.T.: 7.338 min
Delta R.T.: 0.001 min
Response: 98963554
Conc: 51.48 ng/ml



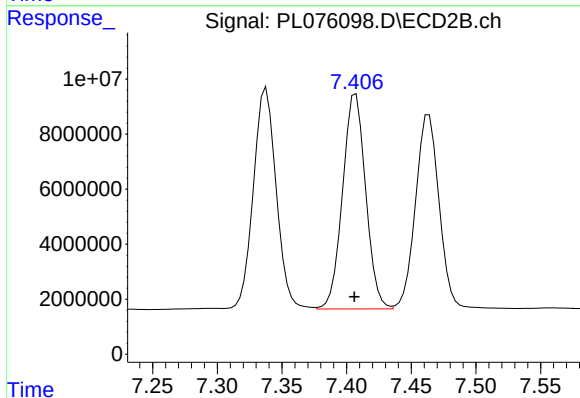
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: 0.007 min
Response: 43279428
Conc: 55.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

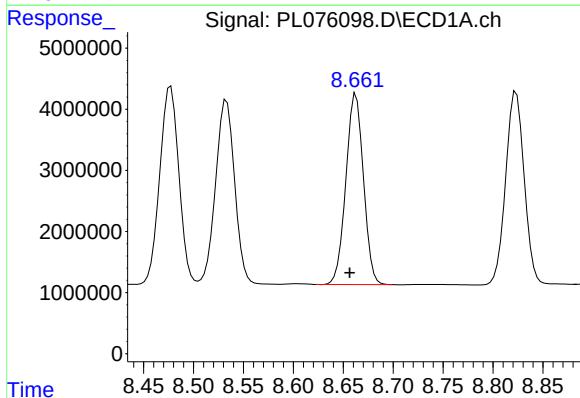
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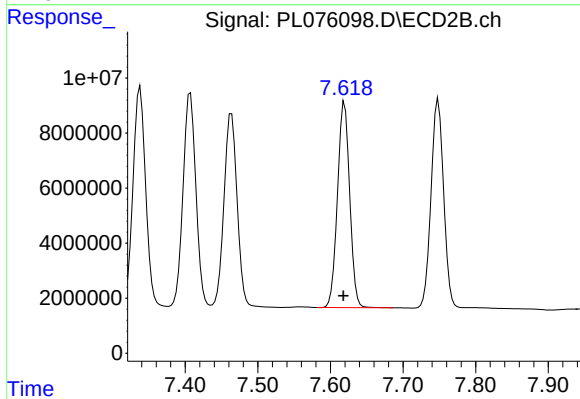
#11 alpha-Chlordane

R.T.: 7.407 min
Delta R.T.: 0.001 min
Response: 97010949
Conc: 50.69 ng/ml



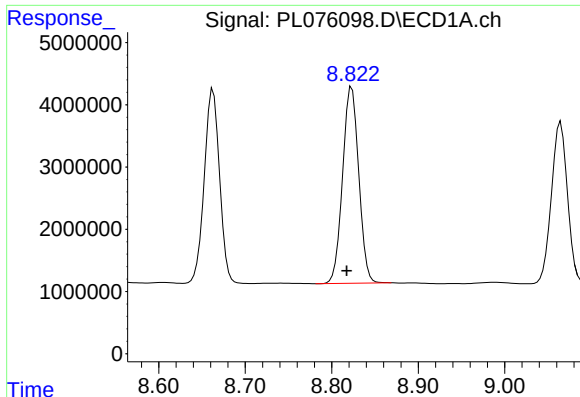
#12 4,4'-DDE

R.T.: 8.663 min
Delta R.T.: 0.006 min
Response: 38246647
Conc: 56.59 ng/ml



#12 4,4'-DDE

R.T.: 7.619 min
Delta R.T.: 0.001 min
Response: 87148400
Conc: 51.34 ng/ml



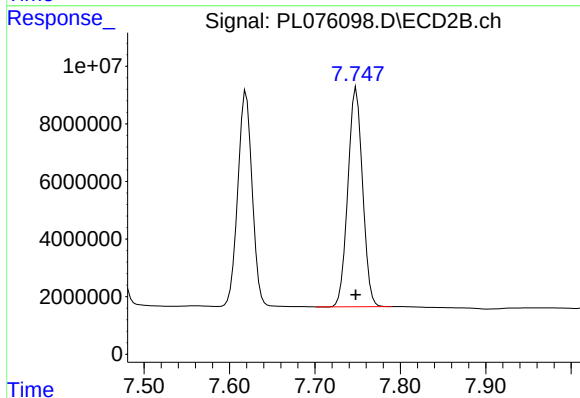
#13 Dieldrin

R.T.: 8.823 min
Delta R.T.: 0.006 min
Response: 40726461
Conc: 55.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

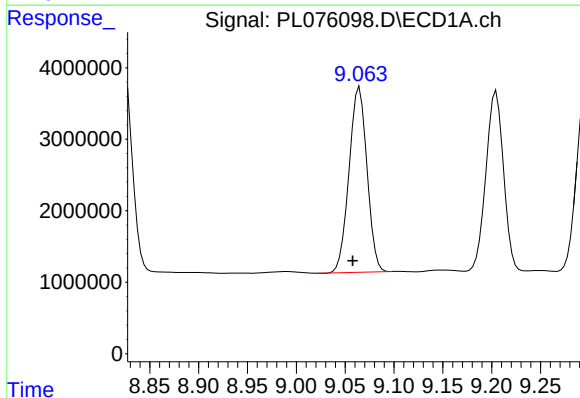
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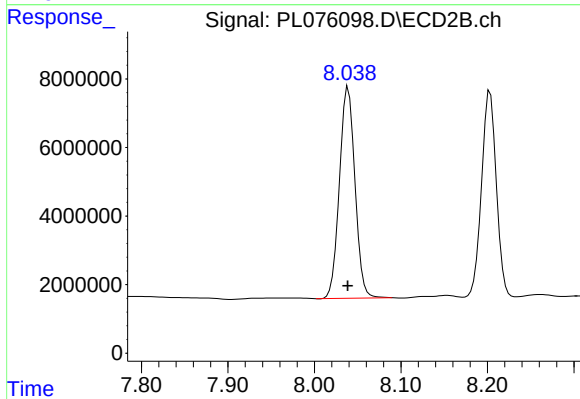
#13 Dieldrin

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 90931302
Conc: 50.53 ng/ml



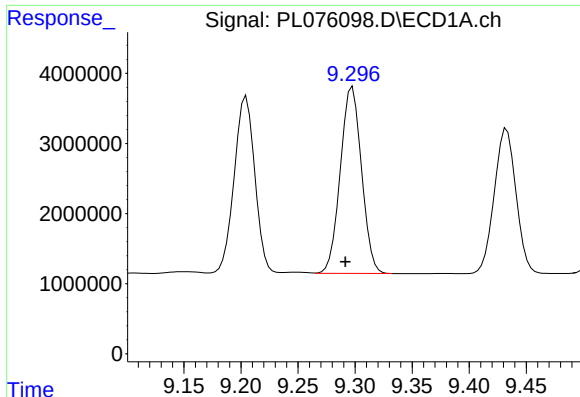
#14 Endrin

R.T.: 9.065 min
Delta R.T.: 0.007 min
Response: 33135580
Conc: 53.14 ng/ml



#14 Endrin

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 76364148
Conc: 50.25 ng/ml



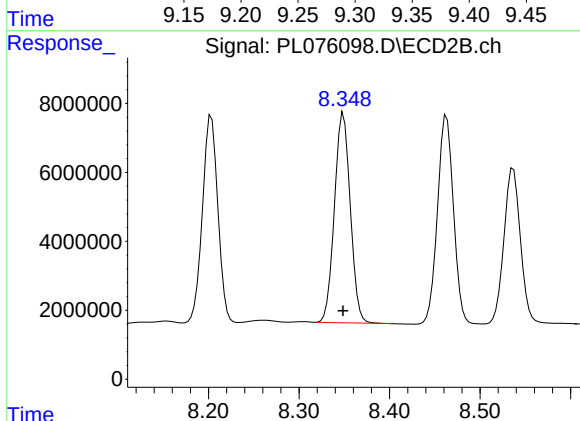
#15 Endosulfan II

R.T.: 9.298 min
Delta R.T.: 0.006 min
Response: 34465971
Conc: 54.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

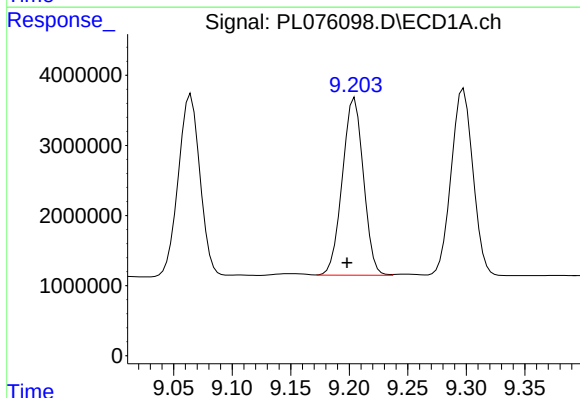
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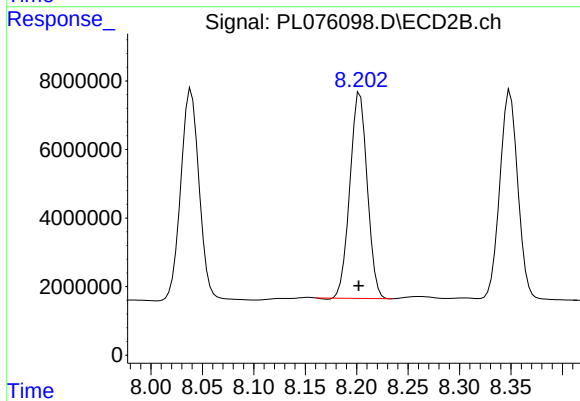
#15 Endosulfan II

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 74074614
Conc: 49.01 ng/ml



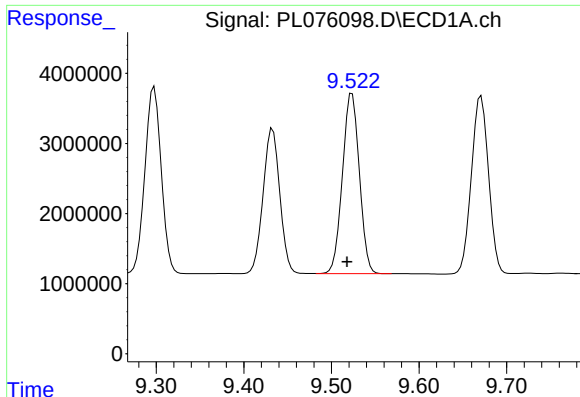
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: 0.006 min
Response: 31738505
Conc: 55.97 ng/ml



#16 4,4'-DDD

R.T.: 8.203 min
Delta R.T.: 0.001 min
Response: 70471842
Conc: 50.81 ng/ml



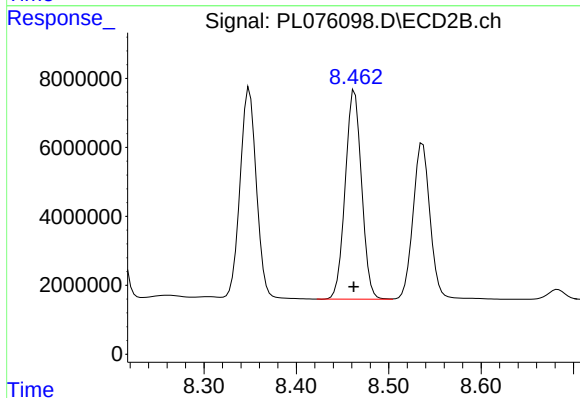
#17 4,4'-DDT

R.T.: 9.524 min
Delta R.T.: 0.006 min
Response: 34570681
Conc: 56.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

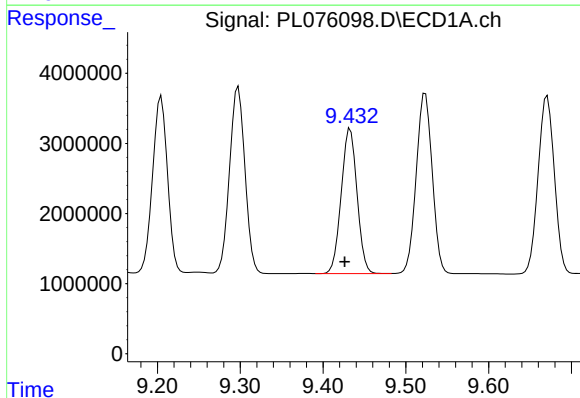
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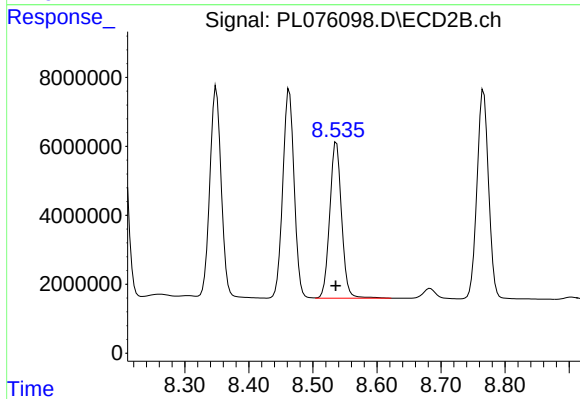
#17 4,4'-DDT

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 74528386
Conc: 50.39 ng/ml



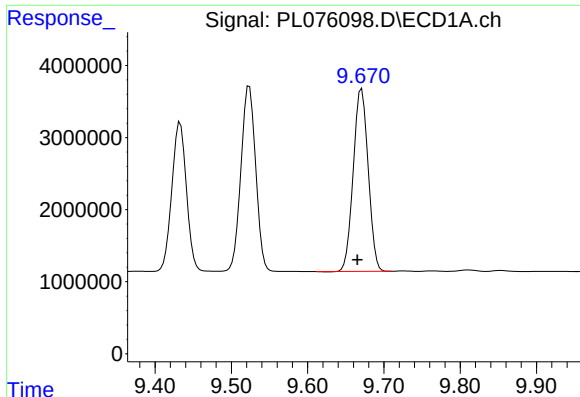
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: 0.007 min
Response: 27462506
Conc: 53.17 ng/ml



#18 Endrin aldehyde

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 58235600
Conc: 48.78 ng/ml



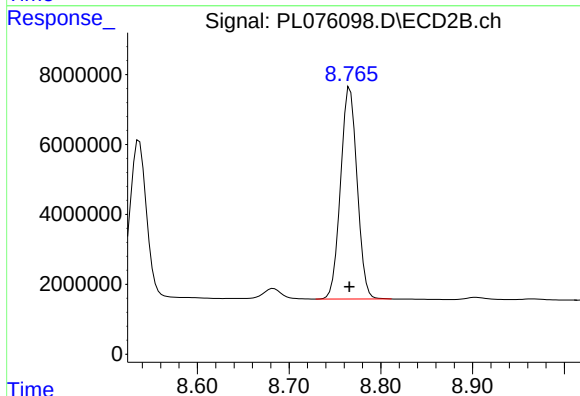
#19 Endosulfan Sulfate

R.T.: 9.671 min
Delta R.T.: 0.006 min
Response: 34493341
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

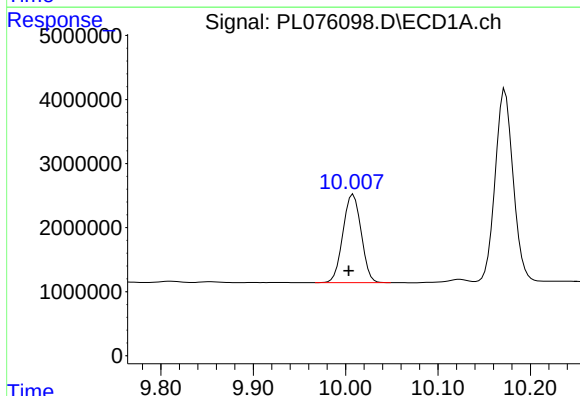
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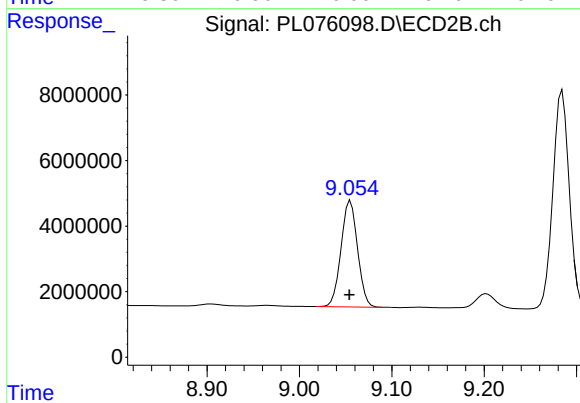
#19 Endosulfan Sulfate

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 75831933
Conc: 49.43 ng/ml



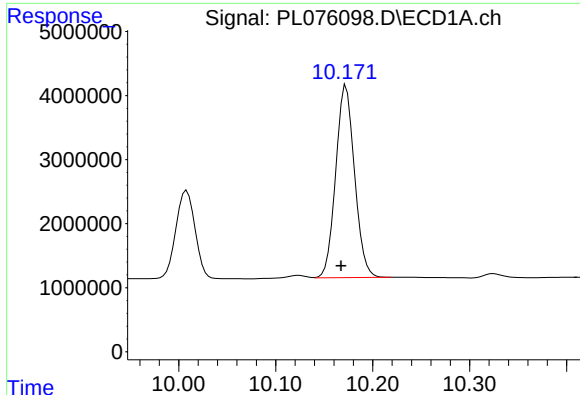
#20 Methoxychlor

R.T.: 10.008 min
Delta R.T.: 0.005 min
Response: 18941731
Conc: 55.22 ng/ml



#20 Methoxychlor

R.T.: 9.055 min
Delta R.T.: 0.001 min
Response: 40240533
Conc: 47.25 ng/ml



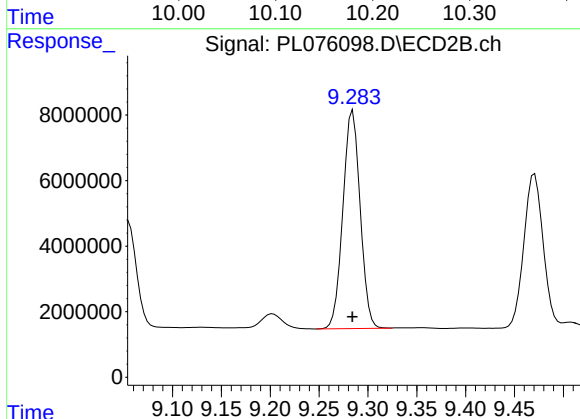
#21 Endrin ketone

R.T.: 10.173 min
Delta R.T.: 0.005 min
Response: 40446938
Conc: 56.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

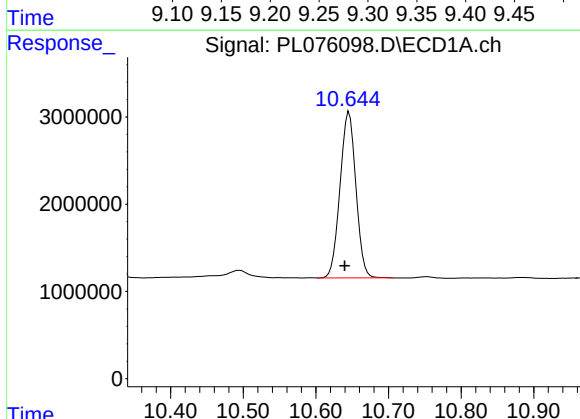
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Supervised By :Ankita Jodhani 06/30/2022



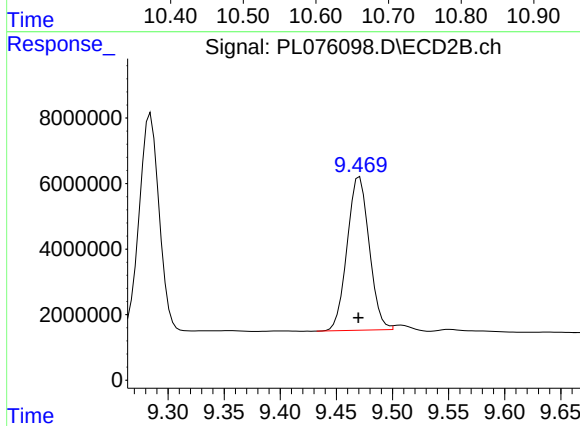
#21 Endrin ketone

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 81939383
Conc: 49.60 ng/ml



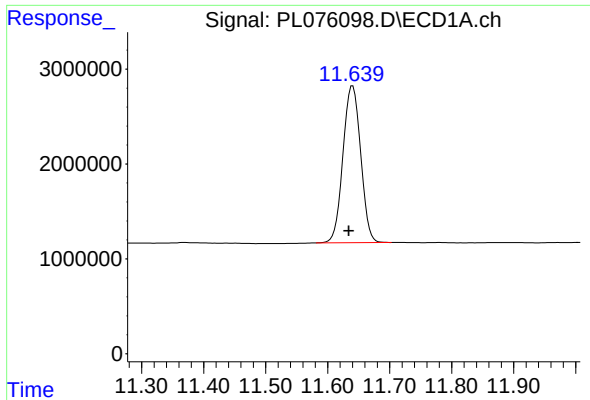
#22 Mirex

R.T.: 10.646 min
Delta R.T.: 0.006 min
Response: 28903367
Conc: 53.74 ng/ml



#22 Mirex

R.T.: 9.471 min
Delta R.T.: 0.001 min
Response: 63924618
Conc: 47.77 ng/ml



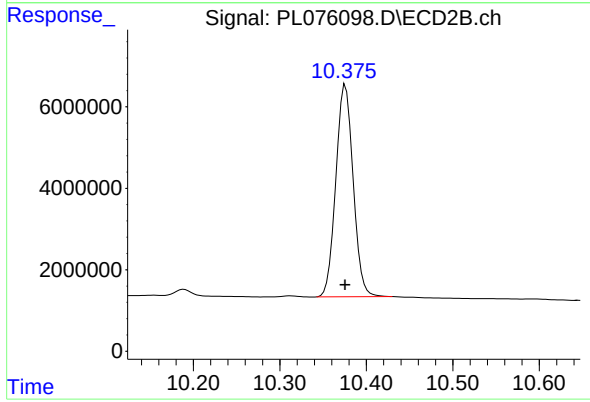
#28 Decachlorobiphenyl

R.T.: 11.640 min
Delta R.T.: 0.007 min
Response: 32811836
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2022
Supervised By :Ankita Jodhani 06/30/2022



#28 Decachlorobiphenyl

R.T.: 10.376 min
Delta R.T.: 0.000 min
Response: 72247177
Conc: 47.04 ng/ml