

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062122\
 Data File : PL075889.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2022 17:05
 Operator : AR\AJ
 Sample : N3413-01MSD 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EO-01-062022MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/22/2022
 Supervised By :Ankita Jodhani 06/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 02:25:16 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...	5.649	4.636	1647465	4609725	2.441	2.747
28)	SA Decachlor...	11.642	10.378	1943488	3076957	3.174	2.184 #
Target Compounds							
2)	A alpha-BHC	6.231	5.336	4764919	11926307	5.069m	5.267m
3)	MA gamma-BHC...	6.630	5.758	4824851	12069364	5.497	5.566
4)	MA Heptachlor	7.283	6.166	4885902	11233283	5.313m	5.268
5)	MB Aldrin	7.657	6.488	4276451	11223040	5.208m	5.714m
6)	B beta-BHC	6.883	6.136	2747768	4933078	6.695	5.026m
7)	B delta-BHC	7.151	6.396	4254257	11392345	5.529	5.321m
8)	B Heptachlo...	8.124	7.063	3960468	10272765	5.124m	5.614
9)	A Endosulfan I	8.532	7.466	3685917	8795840	5.268m	5.259
10)	B gamma-Chl...	8.394	7.338	5039127	10860073	6.489m	5.923m
11)	B alpha-Chl...	8.476	7.409	4673850	11309007	6.129m	6.194
12)	B 4,4'-DDE	8.662	7.621	3011145	8853554	4.550	5.538
13)	MA Dieldrin	8.823	7.749	3525490	11027612	4.880	6.515m#
14)	MA Endrin	9.065	8.040	2812698	8776691	4.744	6.420 #
15)	B Endosulfa...	9.298	8.351	3858627	8158677	6.201	5.693
16)	A 4,4'-DDD	9.204	8.203	2814429	7019319	5.144	5.338m
17)	MA 4,4'-DDT	9.523	8.463	3047111	6935087	4.757	4.933m
18)	B Endrin al...	9.433	8.539	2601825	6002406	5.080	5.329
19)	B Endosulfa...	9.671	8.767	3274845	7551896	5.228	5.142m
20)	A Methoxychlor	10.009	9.058	1678745	4417667	4.690	5.423
21)	B Endrin ke...	10.176	9.286	5756380	7363280	8.186	4.561 #
22)	Mirex	10.647	9.473	3059752	5733440	5.437	4.465

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

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 ALS Vial : 14 Sample Multiplier: 1

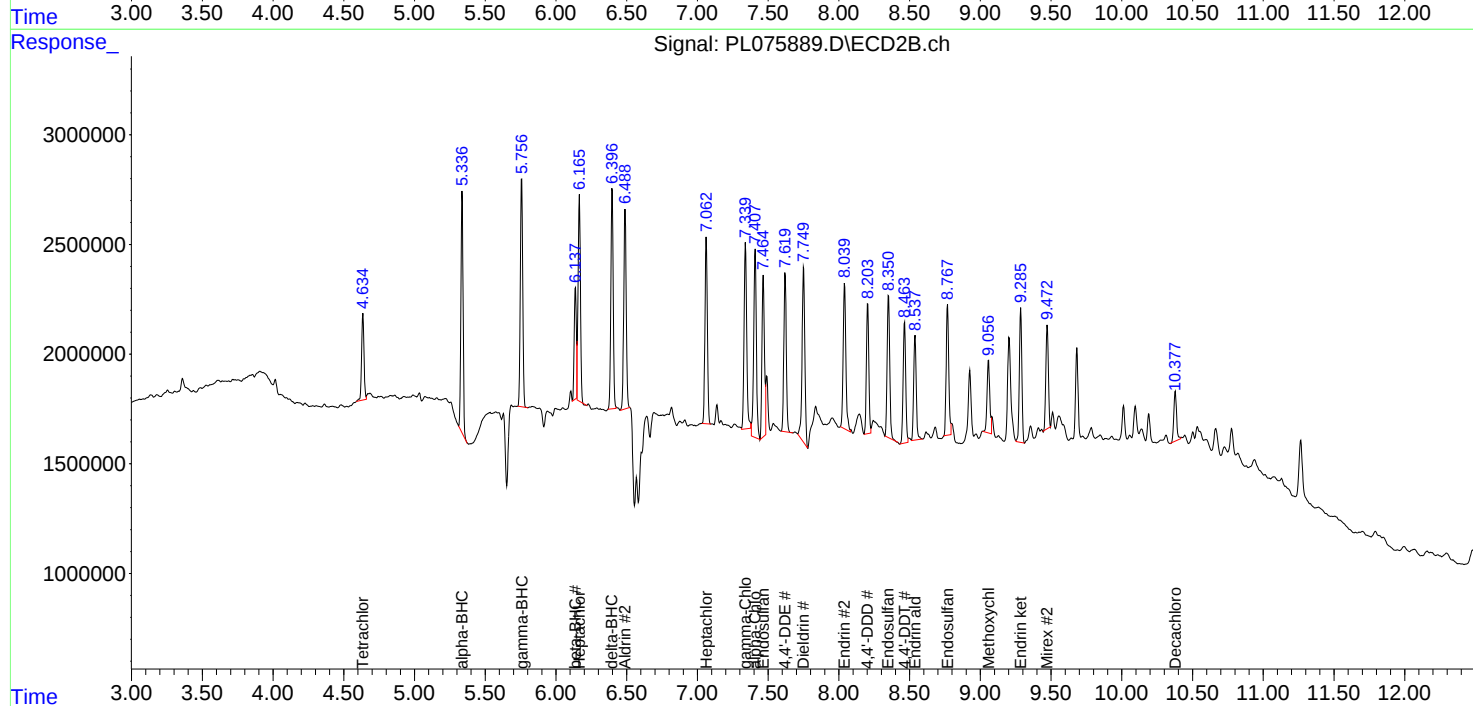
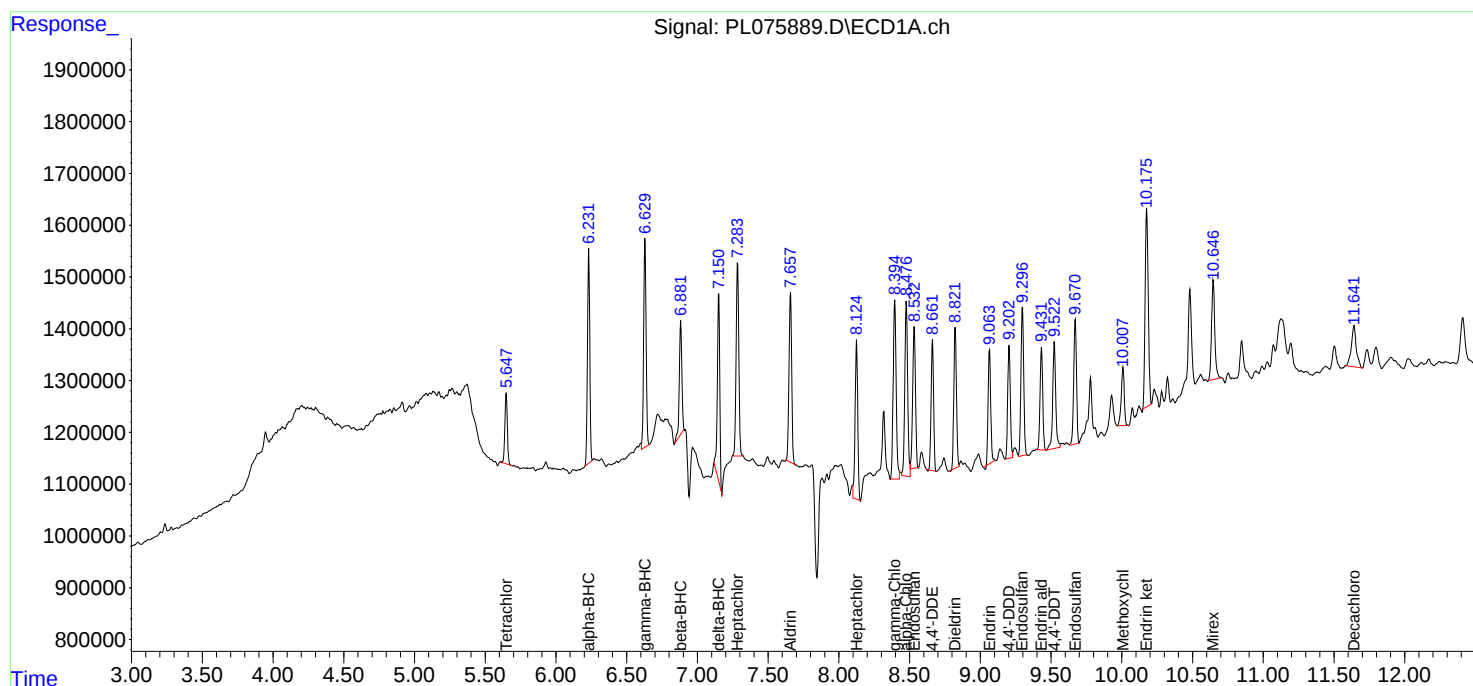
Instrument :
 ECD_L
 ClientSampleId :
 EO-01-062022MSD

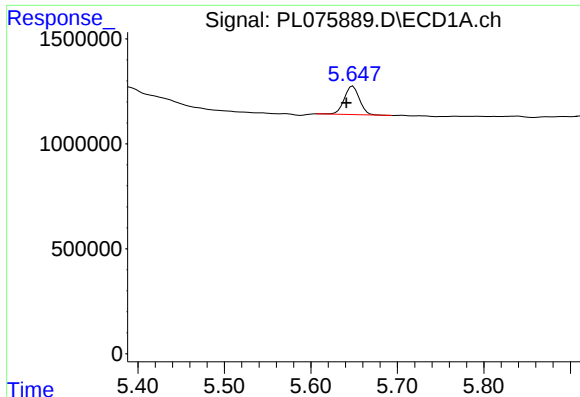
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 06/22/2022

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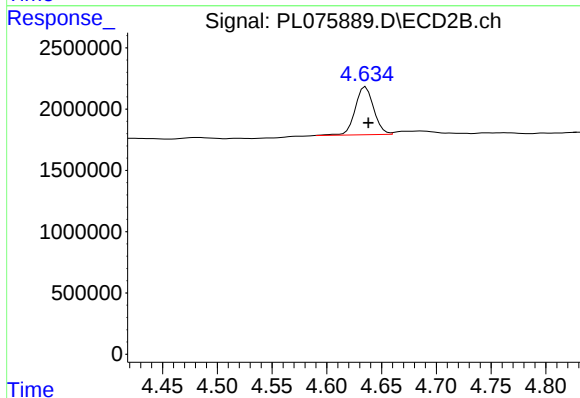
#1 Tetrachloro-m-xylene

R.T.: 5.649 min
Delta R.T.: 0.008 min
Response: 1647465
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-062022MSD

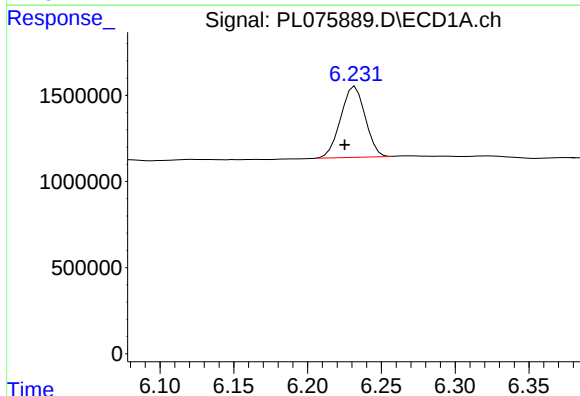
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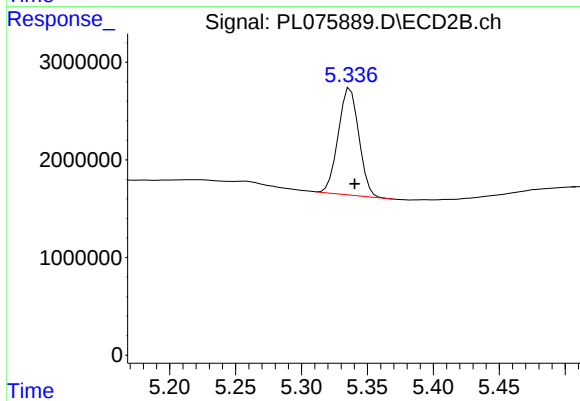
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.002 min
Response: 4609725
Conc: 2.75 ng/ml



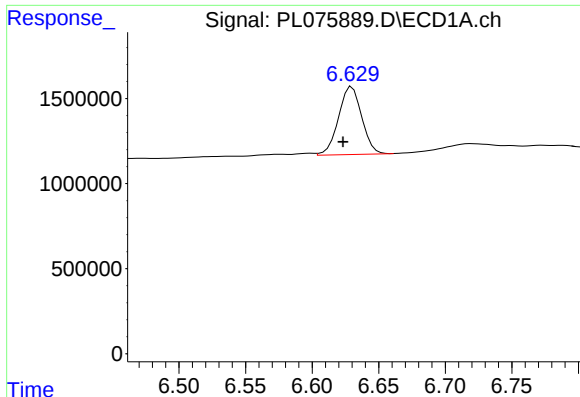
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: 0.006 min
Response: 4764919
Conc: 5.07 ng/ml m



#2 alpha-BHC

R.T.: 5.336 min
Delta R.T.: -0.005 min
Response: 11926307
Conc: 5.27 ng/ml m



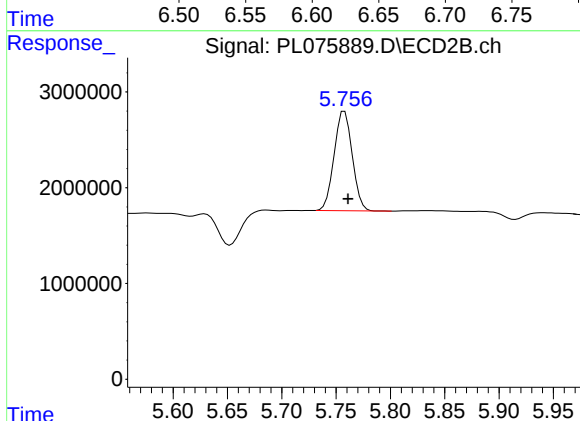
#3 gamma-BHC (Lindane)

R.T.: 6.630 min
Delta R.T.: 0.007 min
Response: 4824851
Conc: 5.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
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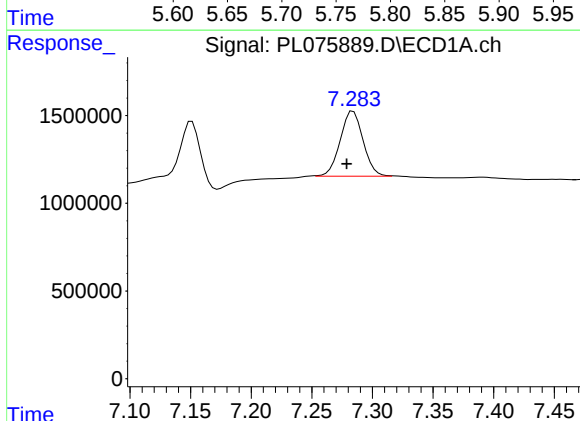
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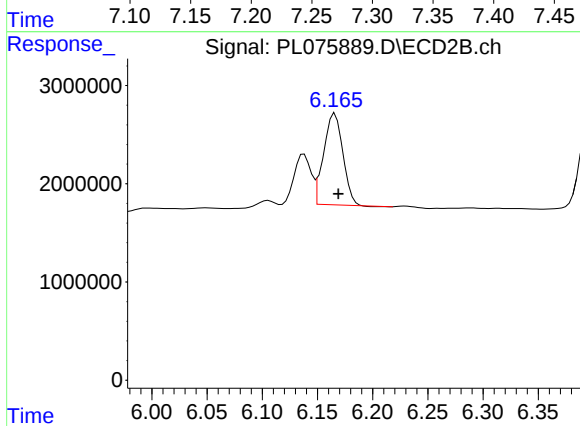
#3 gamma-BHC (Lindane)

R.T.: 5.758 min
Delta R.T.: -0.003 min
Response: 12069364
Conc: 5.57 ng/ml



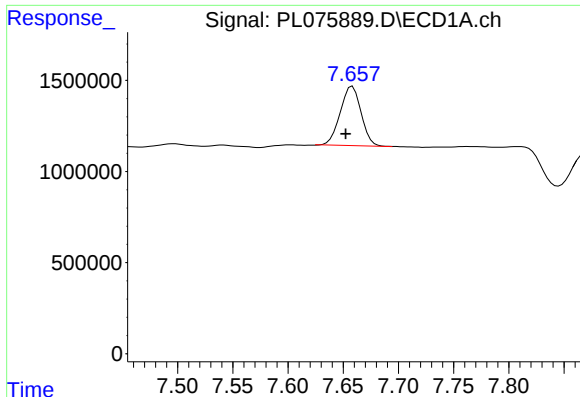
#4 Heptachlor

R.T.: 7.283 min
Delta R.T.: 0.004 min
Response: 4885902
Conc: 5.31 ng/ml m



#4 Heptachlor

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 11233283
Conc: 5.27 ng/ml



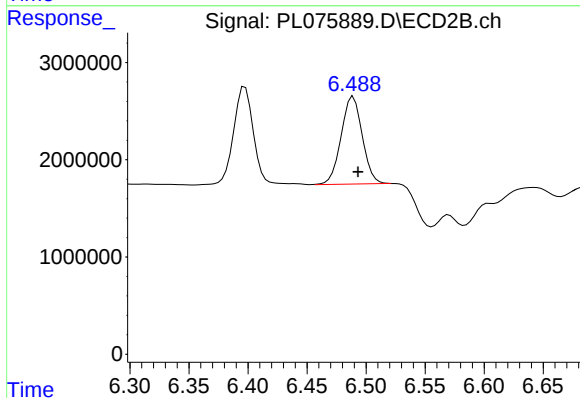
#5 Aldrin

R.T.: 7.657 min
Delta R.T.: 0.005 min
Response: 4276451
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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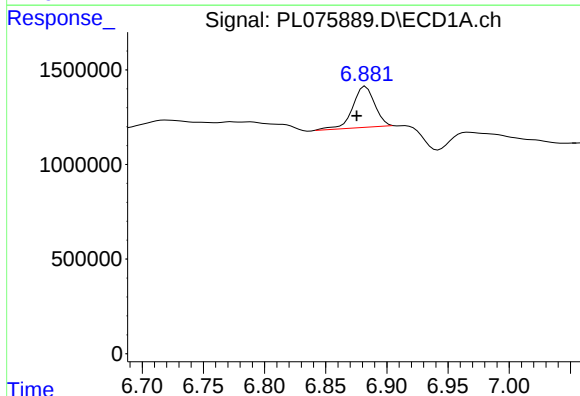
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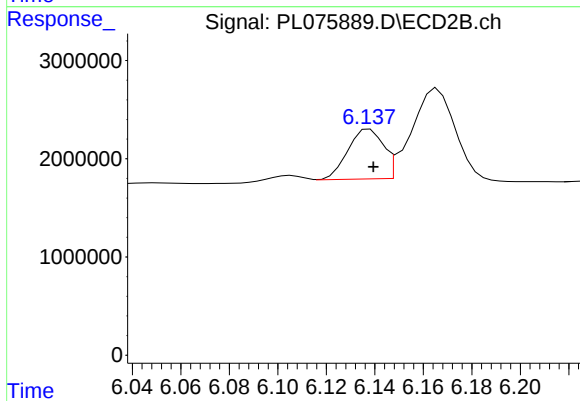
#5 Aldrin

R.T.: 6.488 min
Delta R.T.: -0.005 min
Response: 11223040
Conc: 5.71 ng/ml m



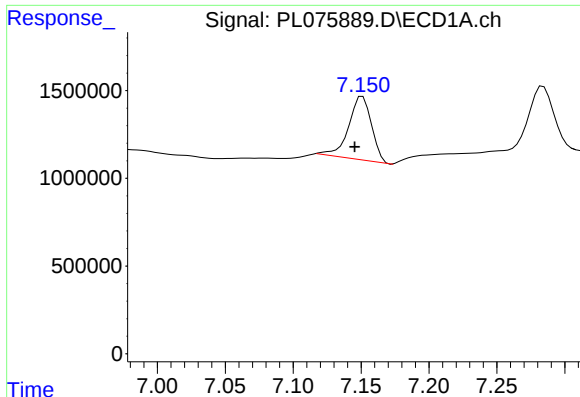
#6 beta-BHC

R.T.: 6.883 min
Delta R.T.: 0.008 min
Response: 2747768
Conc: 6.70 ng/ml



#6 beta-BHC

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 4933078
Conc: 5.03 ng/ml m



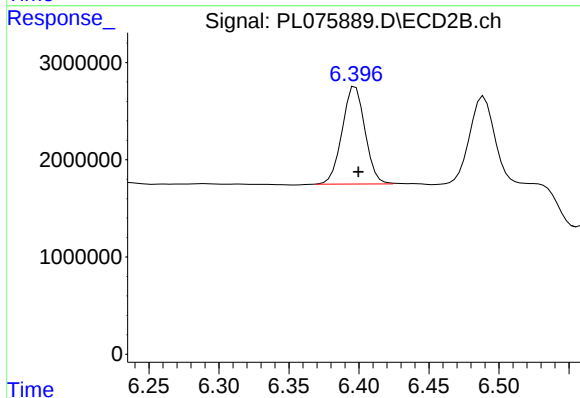
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: 0.006 min
Response: 4254257
Conc: 5.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
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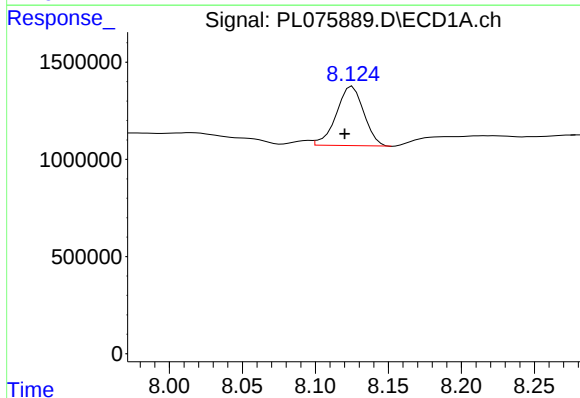
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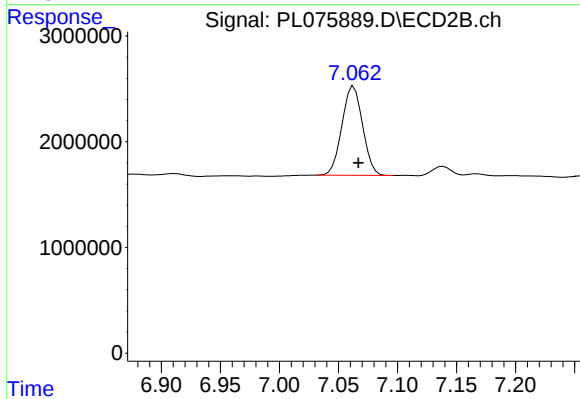
#7 delta-BHC

R.T.: 6.396 min
Delta R.T.: -0.004 min
Response: 11392345
Conc: 5.32 ng/ml m



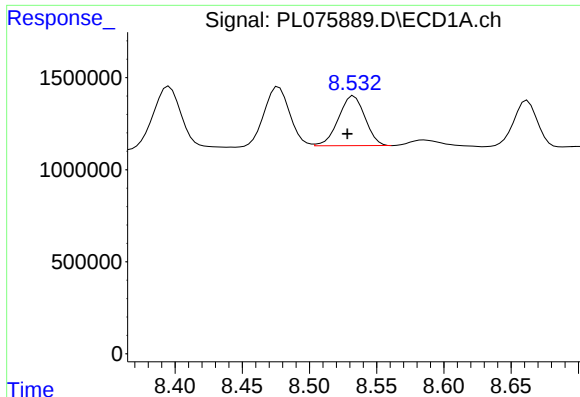
#8 Heptachlor epoxide

R.T.: 8.124 min
Delta R.T.: 0.004 min
Response: 3960468
Conc: 5.12 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.063 min
Delta R.T.: -0.004 min
Response: 10272765
Conc: 5.61 ng/ml



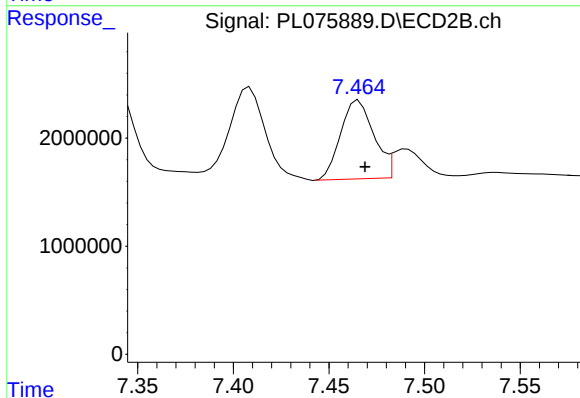
#9 Endosulfan I

R.T.: 8.532 min
Delta R.T.: 0.004 min
Response: 3685917
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-062022MSD

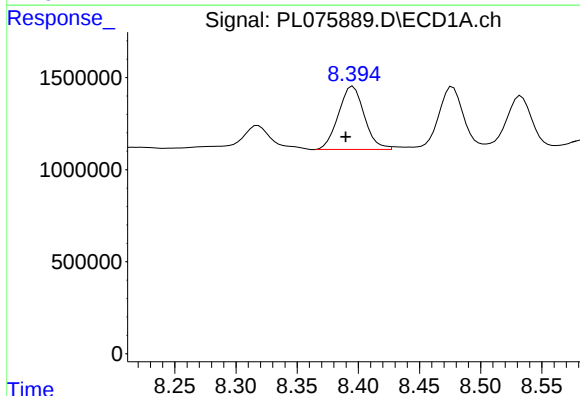
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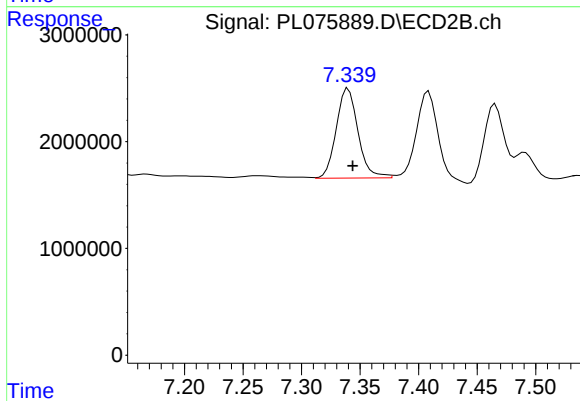
#9 Endosulfan I

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 8795840
Conc: 5.26 ng/ml



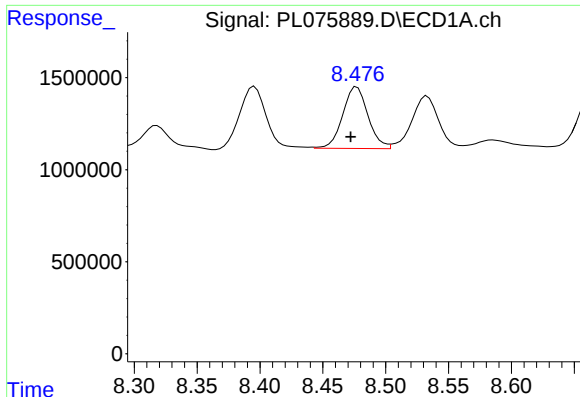
#10 gamma-Chlordane

R.T.: 8.394 min
Delta R.T.: 0.004 min
Response: 5039127
Conc: 6.49 ng/ml m



#10 gamma-Chlordane

R.T.: 7.338 min
Delta R.T.: -0.005 min
Response: 10860073
Conc: 5.92 ng/ml m



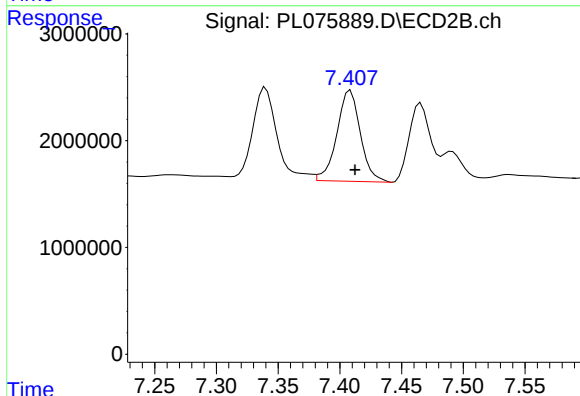
#11 alpha-Chlordane

R.T.: 8.476 min
Delta R.T.: 0.003 min
Response: 4673850
Conc: 6.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
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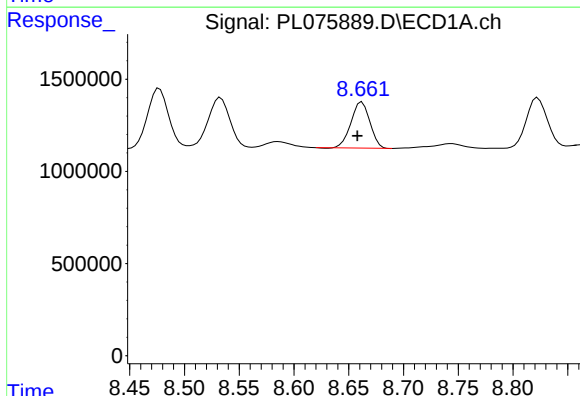
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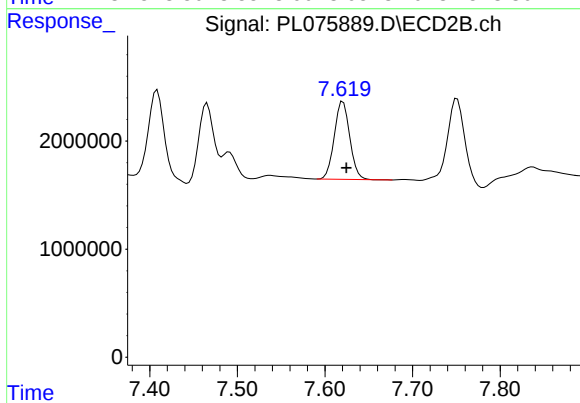
#11 alpha-Chlordane

R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 11309007
Conc: 6.19 ng/ml



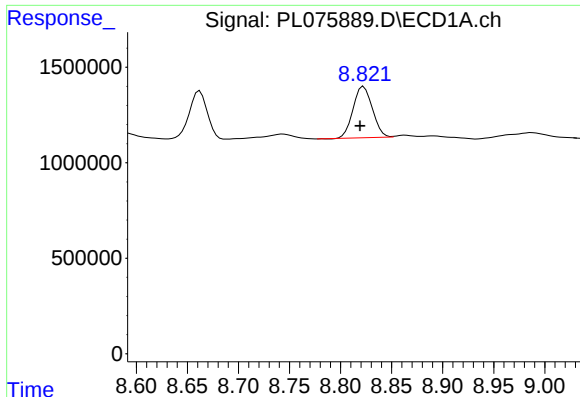
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: 0.004 min
Response: 3011145
Conc: 4.55 ng/ml



#12 4,4'-DDE

R.T.: 7.621 min
Delta R.T.: -0.004 min
Response: 8853554
Conc: 5.54 ng/ml



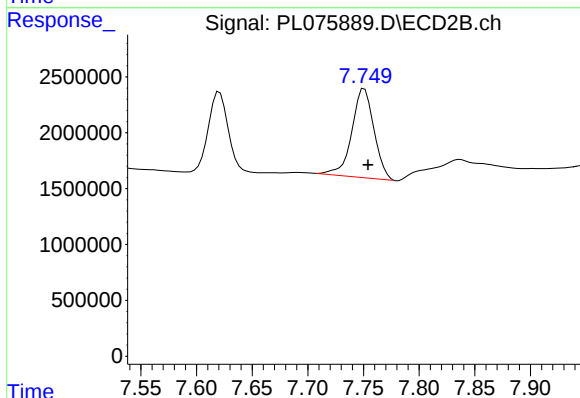
#13 Dieldrin

R.T.: 8.823 min
Delta R.T.: 0.004 min
Response: 3525490
Conc: 4.88 ng/ml

Instrument :
ECD_L
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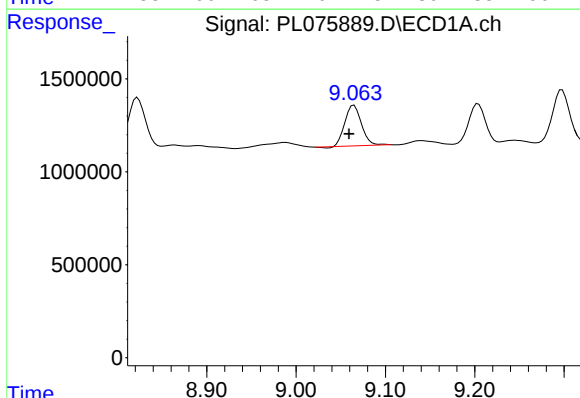
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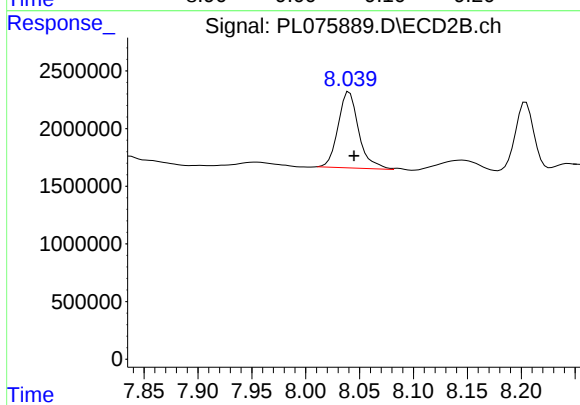
#13 Dieldrin

R.T.: 7.749 min
Delta R.T.: -0.005 min
Response: 11027612
Conc: 6.52 ng/ml m



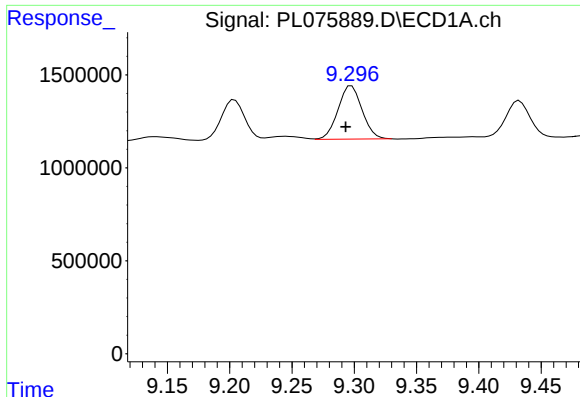
#14 Endrin

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 2812698
Conc: 4.74 ng/ml



#14 Endrin

R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 8776691
Conc: 6.42 ng/ml



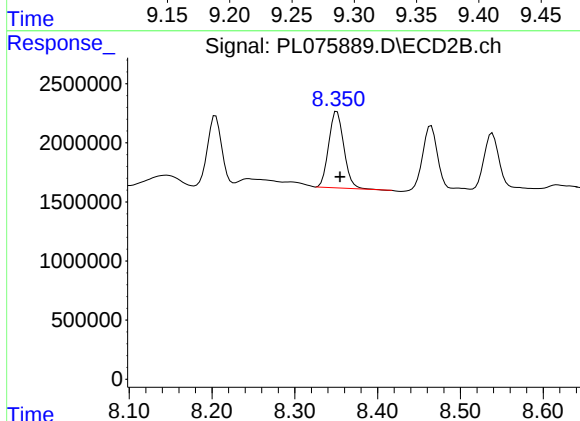
#15 Endosulfan II

R.T.: 9.298 min
Delta R.T.: 0.004 min
Response: 3858627
Conc: 6.20 ng/ml

Instrument :
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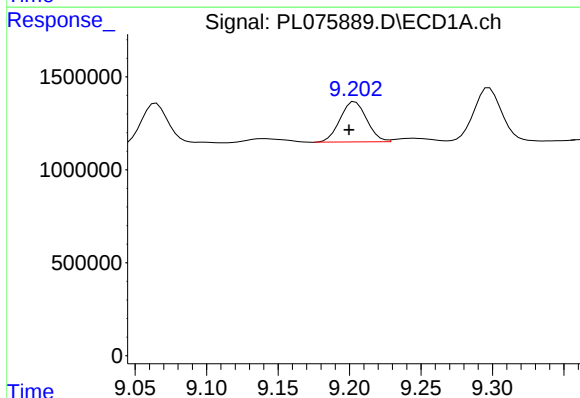
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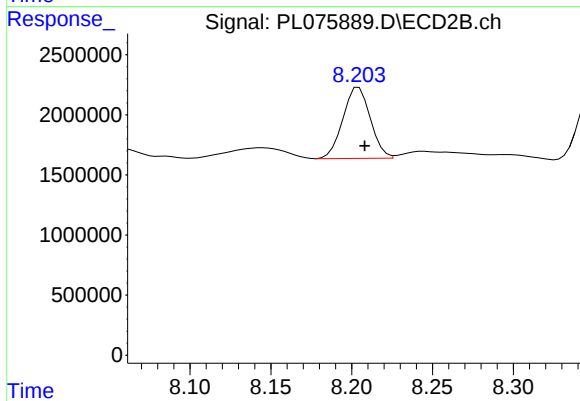
#15 Endosulfan II

R.T.: 8.351 min
Delta R.T.: -0.003 min
Response: 8158677
Conc: 5.69 ng/ml



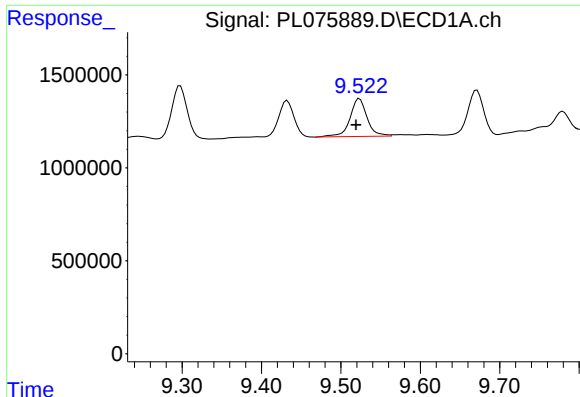
#16 4,4'-DDD

R.T.: 9.204 min
Delta R.T.: 0.004 min
Response: 2814429
Conc: 5.14 ng/ml



#16 4,4'-DDD

R.T.: 8.203 min
Delta R.T.: -0.005 min
Response: 7019319
Conc: 5.34 ng/ml m



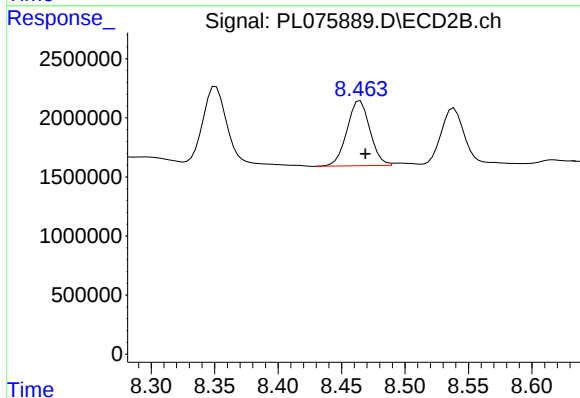
#17 4,4'-DDT

R.T.: 9.523 min
Delta R.T.: 0.004 min
Response: 3047111
Conc: 4.76 ng/ml

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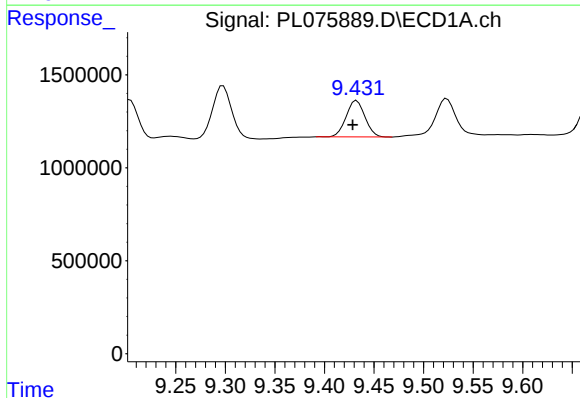
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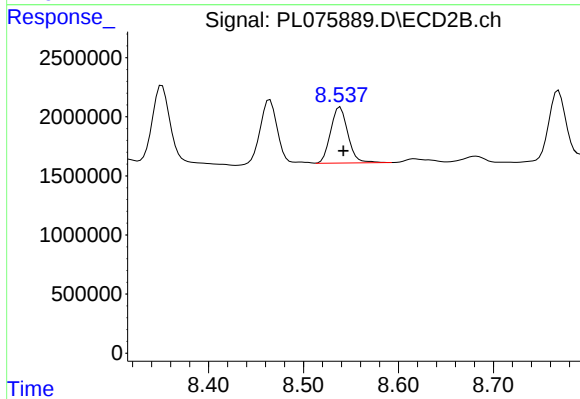
#17 4,4'-DDT

R.T.: 8.463 min
Delta R.T.: -0.005 min
Response: 6935087
Conc: 4.93 ng/ml m



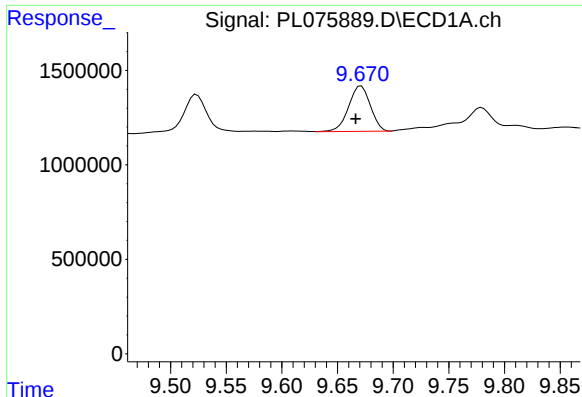
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: 0.004 min
Response: 2601825
Conc: 5.08 ng/ml



#18 Endrin aldehyde

R.T.: 8.539 min
Delta R.T.: -0.003 min
Response: 6002406
Conc: 5.33 ng/ml



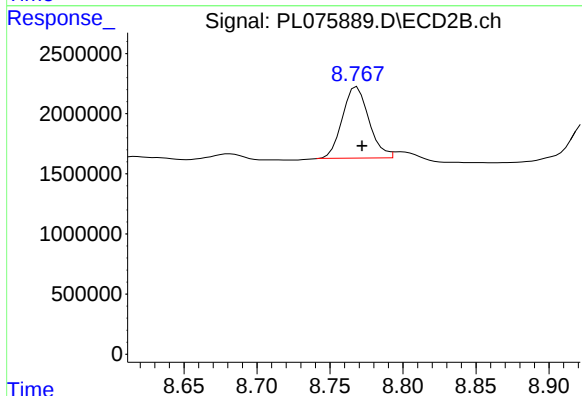
#19 Endosulfan Sulfate

R.T.: 9.671 min
Delta R.T.: 0.005 min
Response: 3274845
Conc: 5.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-062022MSD

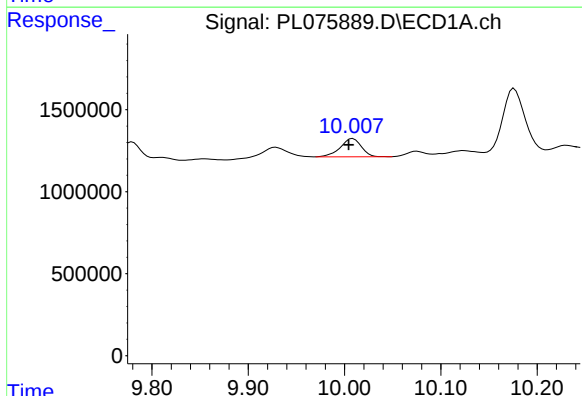
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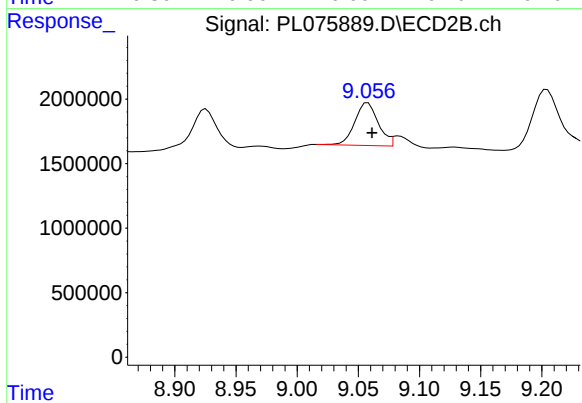
#19 Endosulfan Sulfate

R.T.: 8.767 min
Delta R.T.: -0.005 min
Response: 7551896
Conc: 5.14 ng/ml m



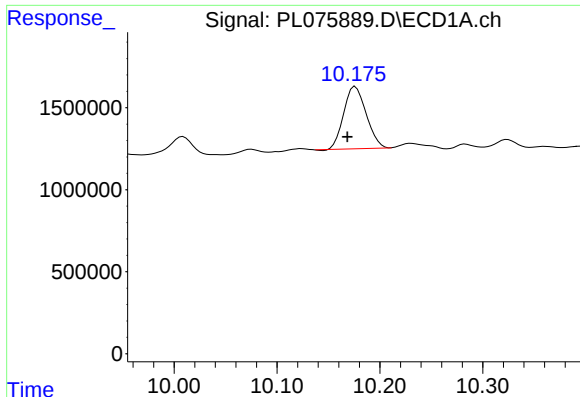
#20 Methoxychlor

R.T.: 10.009 min
Delta R.T.: 0.004 min
Response: 1678745
Conc: 4.69 ng/ml



#20 Methoxychlor

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 4417667
Conc: 5.42 ng/ml



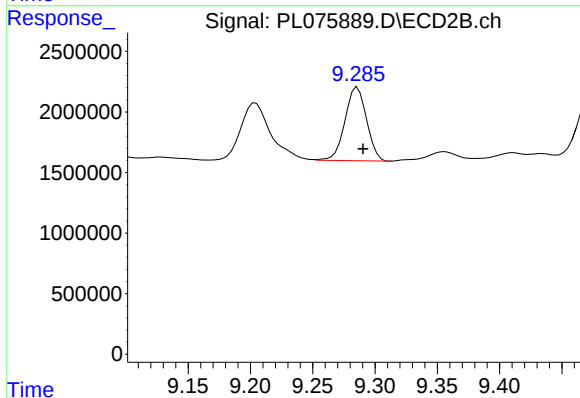
#21 Endrin ketone

R.T.: 10.176 min
Delta R.T.: 0.008 min
Response: 5756380
Conc: 8.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-062022MSD

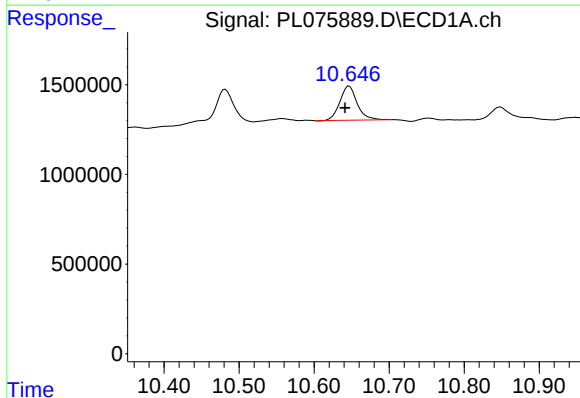
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/22/2022
Supervised By :Ankita Jodhani 06/22/2022



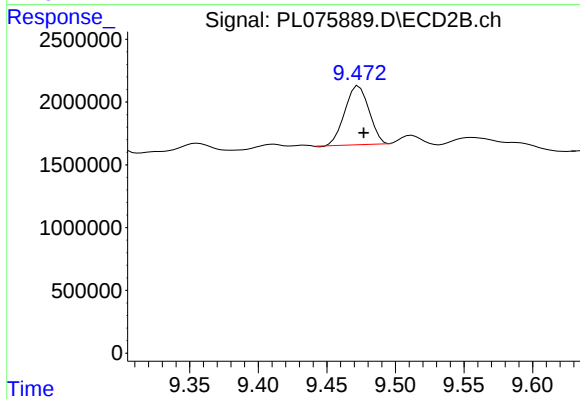
#21 Endrin ketone

R.T.: 9.286 min
Delta R.T.: -0.004 min
Response: 7363280
Conc: 4.56 ng/ml



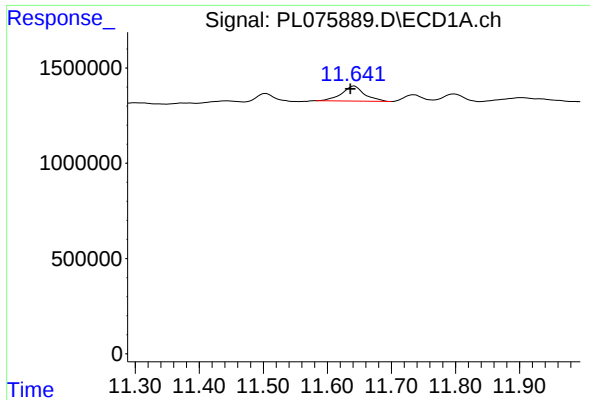
#22 Mirex

R.T.: 10.647 min
Delta R.T.: 0.006 min
Response: 3059752
Conc: 5.44 ng/ml



#22 Mirex

R.T.: 9.473 min
Delta R.T.: -0.004 min
Response: 5733440
Conc: 4.46 ng/ml



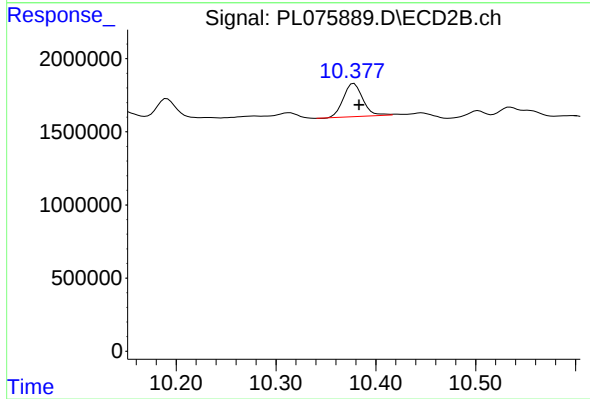
#28 Decachlorobiphenyl

R.T.: 11.642 min
Delta R.T.: 0.006 min
Response: 1943488
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-062022MSD

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#28 Decachlorobiphenyl

R.T.: 10.378 min
Delta R.T.: -0.005 min
Response: 3076957
Conc: 2.18 ng/ml