

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111825AL\
 Data File : FE056898.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2025 12:47
 Operator : YP\AJ
 Sample : Q3640-02DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 18 13:52:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.954	5033249	24.093 ug/ml
Spiked Amount 50.000		Recovery =	48.19%
12) S 1-chlorooctadecane (S...	13.397	1274781	7.912 ug/ml
Spiked Amount 50.000		Recovery =	15.82%
Target Compounds			
6) T n-Tetradecane (C14)	8.552	638146	3.656 ug/ml
7) T n-Hexadecane (C16)	10.189	736742	4.027 ug/ml
8) T n-Octadecane (C18)	11.635	770448	4.071 ug/ml
10) T n-Eicosane (C20)	12.948	1462814	7.849 ug/ml
11) T n-Heneicosane (C21)	13.571	367743	2.000 ug/ml
13) T n-Docosane (C22)	14.153	897978	4.797 ug/ml
14) T n-Tetracosane (C24)	15.251	222104	1.134 ug/ml
15) T n-Hexacosane (C26)	16.302	283968	1.461 ug/ml
18) T n-Dotriacontane (C32)	18.943	127012	0.646 ug/ml
20) T n-Hexatriacontane (C36)	20.471	74829	0.517 ug/ml

(f)=RT Delta > 1/2 Window

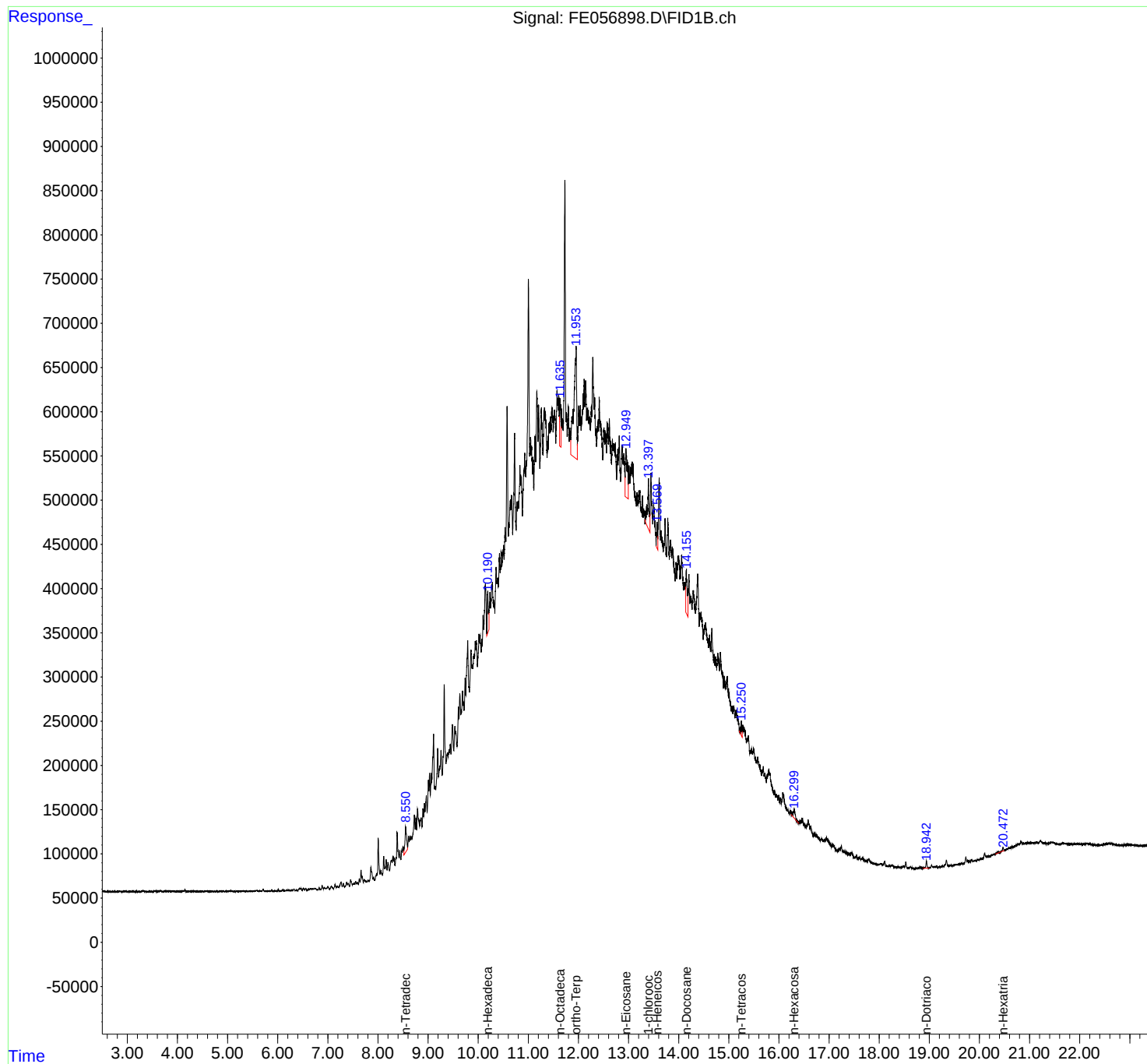
(m)=manual int.

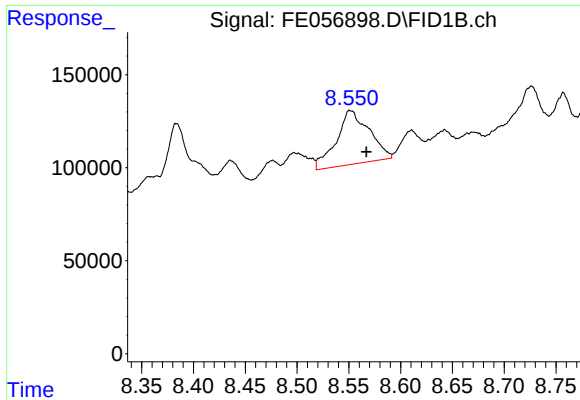
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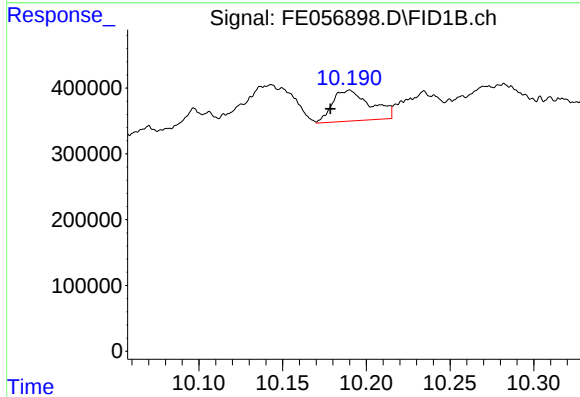




#6 n-Tetradecane (C14)

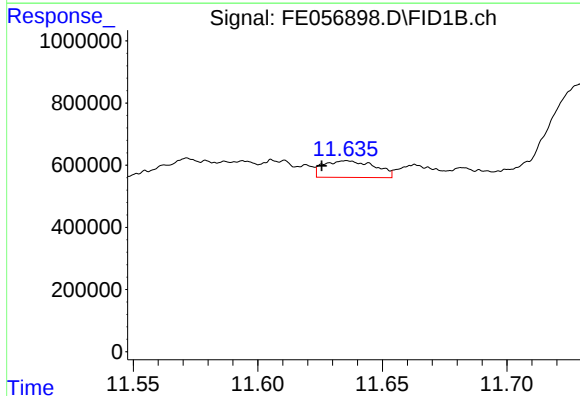
R.T.: 8.552 min
Delta R.T.: -0.015 min
Response: 638146
Conc: 3.66 ug/ml

Instrument :
FID_E
ClientSampleId :



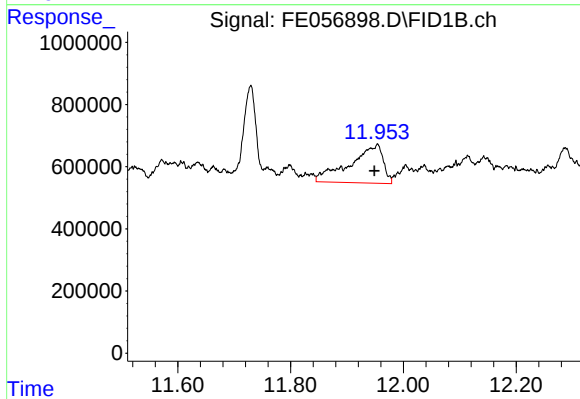
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: 0.010 min
Response: 736742
Conc: 4.03 ug/ml



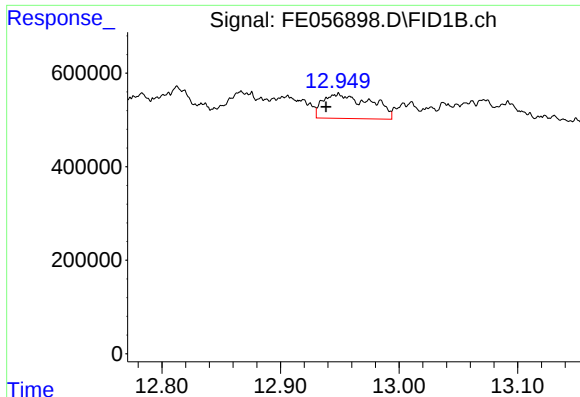
#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.010 min
Response: 770448
Conc: 4.07 ug/ml



#9 ortho-Terphenyl (SURR)

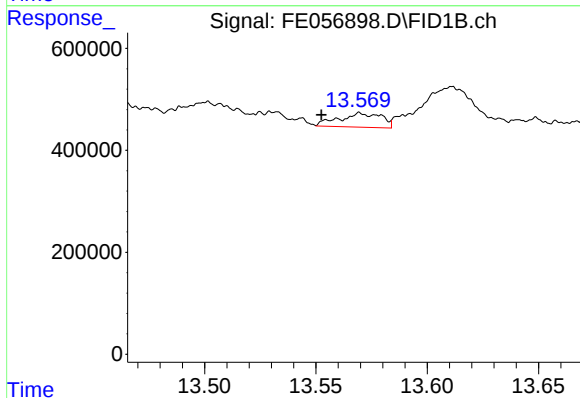
R.T.: 11.954 min
Delta R.T.: 0.005 min
Response: 5033249
Conc: 24.09 ug/ml



#10 n-Eicosane (C20)

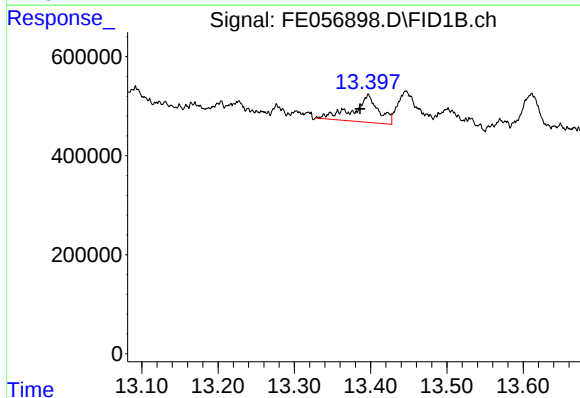
R.T.: 12.948 min
Delta R.T.: 0.010 min
Response: 1462814
Conc: 7.85 ug/ml

Instrument :
FID_E
ClientSampleId :



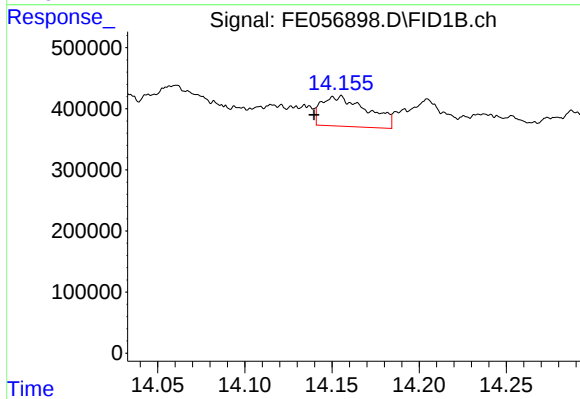
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.019 min
Response: 367743
Conc: 2.00 ug/ml



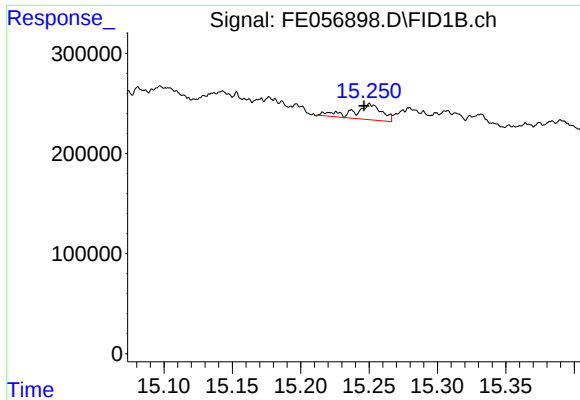
#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: 0.011 min
Response: 1274781
Conc: 7.91 ug/ml



#13 n-Docosane (C22)

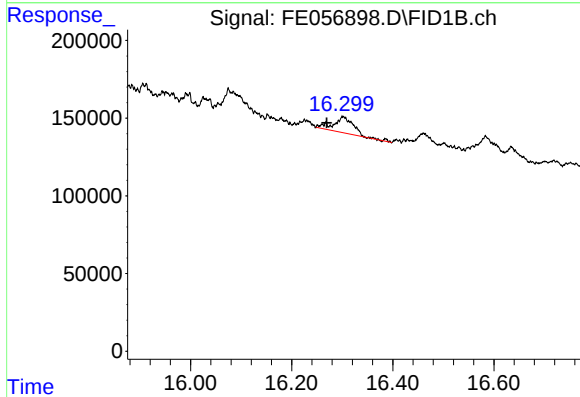
R.T.: 14.153 min
Delta R.T.: 0.013 min
Response: 897978
Conc: 4.80 ug/ml



#14 n-Tetracosane (C24)

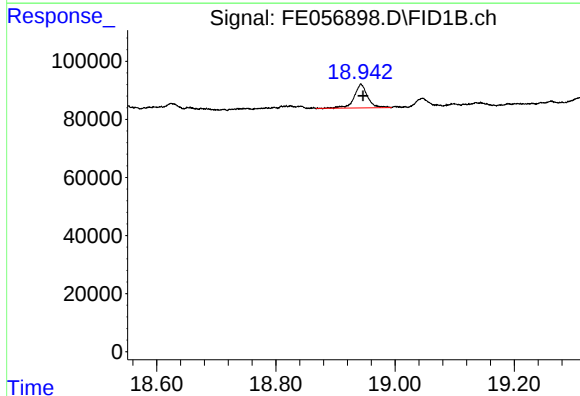
R.T.: 15.251 min
Delta R.T.: 0.005 min
Response: 222104
Conc: 1.13 ug/ml

Instrument :
FID_E
ClientSampleId :



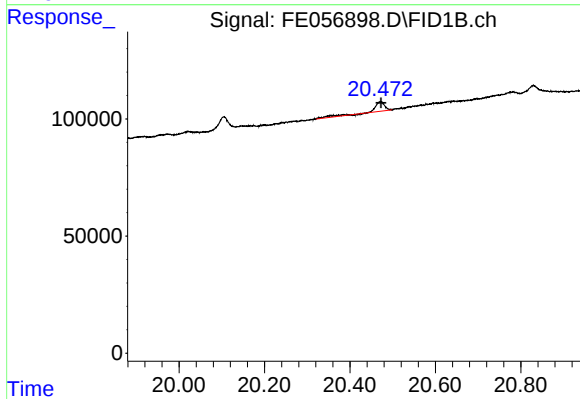
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.033 min
Response: 283968
Conc: 1.46 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.003 min
Response: 127012
Conc: 0.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.471 min
Delta R.T.: -0.001 min
Response: 74829
Conc: 0.52 ug/ml