

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054325.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 06:37
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Jun 13 01:12:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.800	54480	0.330 ug/ml
Spiked Amount 50.000		Recovery =	0.66%
12) S 1-chlorooctadecane (S...	13.212f	25126	0.206 ug/ml
Spiked Amount 50.000		Recovery =	0.41%
Target Compounds			
10) T n-Eicosane (C20)	12.823	200865	1.501 ug/ml
11) T n-Heneicosane (C21)	13.441	214143	1.610 ug/ml
13) T n-Docosane (C22)	14.030	173170	1.321 ug/ml
14) T n-Tetracosane (C24)	15.136	107057	0.830 ug/ml
15) T n-Hexacosane (C26)	16.163	113703	0.906 ug/ml
16) T n-Octacosane (C28)	17.111	49311	0.402 ug/ml
17) T n-Tricontane (C30)	18.000	78460	0.633 ug/ml
18) T n-Dotriacontane (C32)	18.833	124251	0.989 ug/ml
20) T n-Hexatriacontane (C36)	20.360	49536	0.385 ug/ml

(f)=RT Delta > 1/2 Window

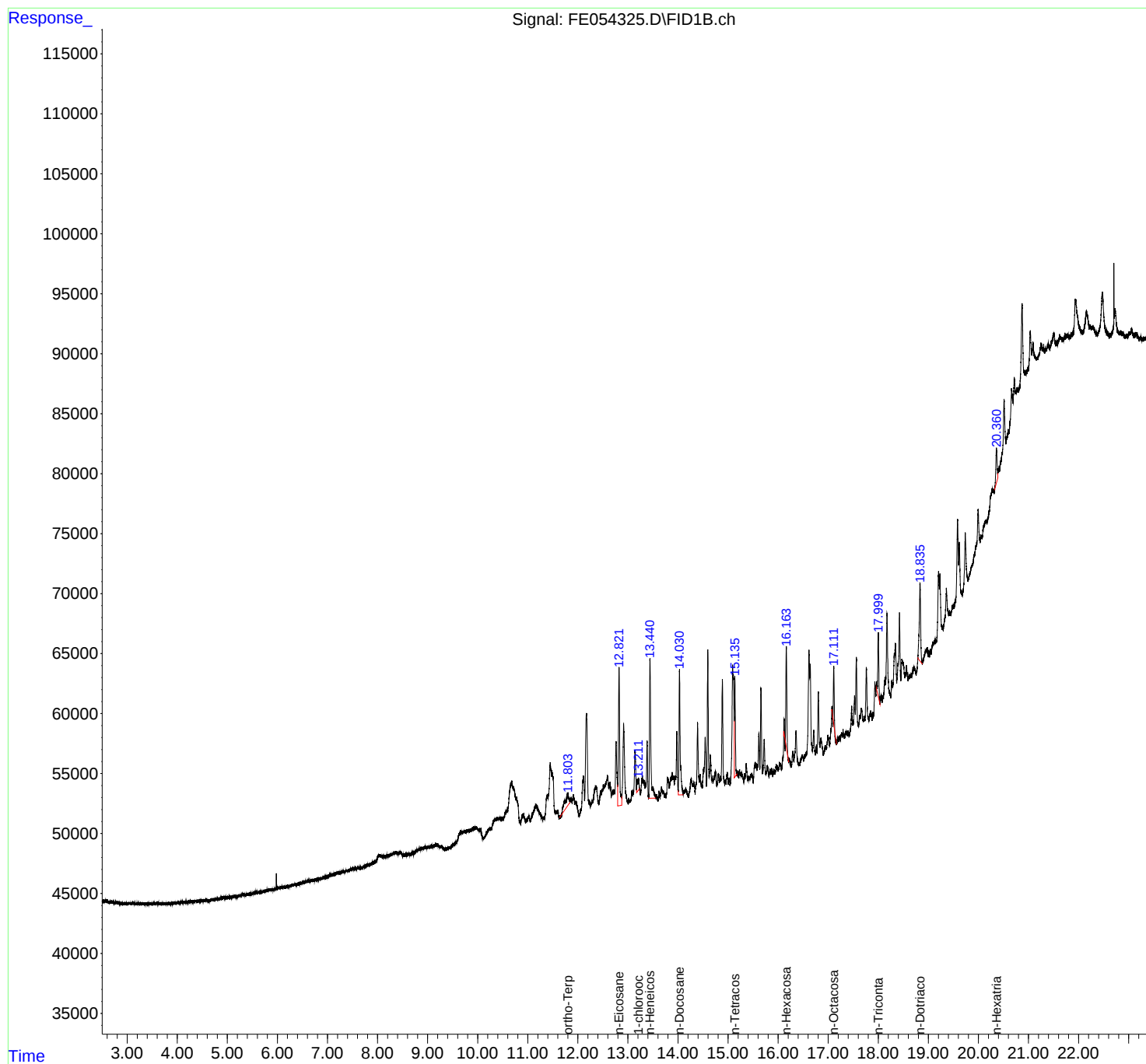
(m)=manual int.

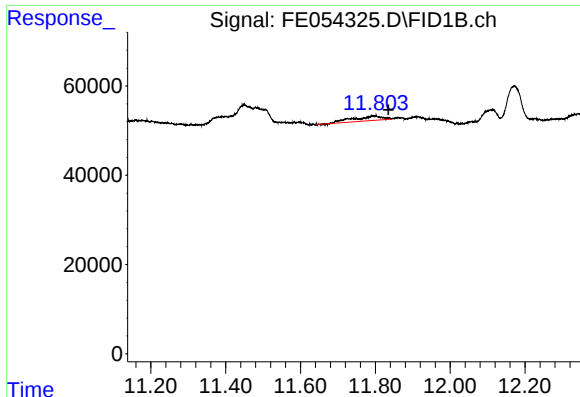
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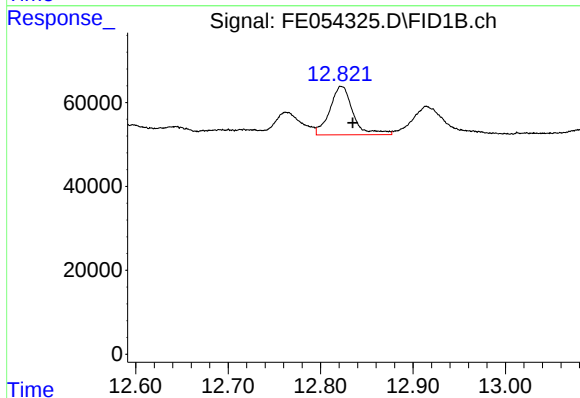




#9 ortho-Terphenyl (SURR)

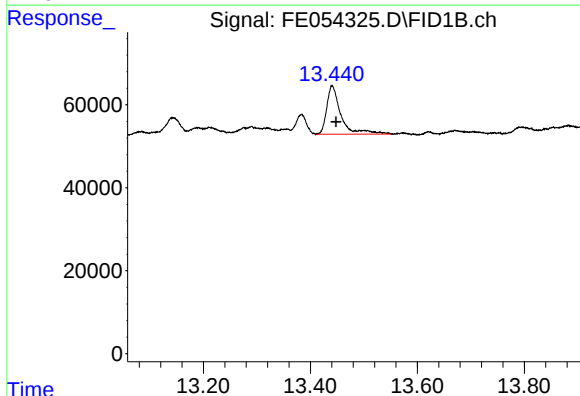
R.T.: 11.800 min
Delta R.T.: -0.035 min
Response: 54480
Conc: 0.33 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



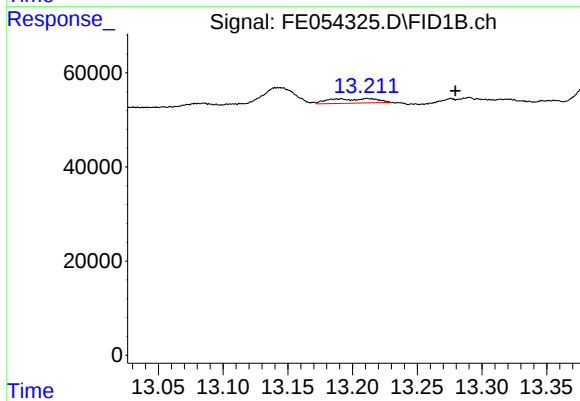
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.012 min
Response: 200865
Conc: 1.50 ug/ml



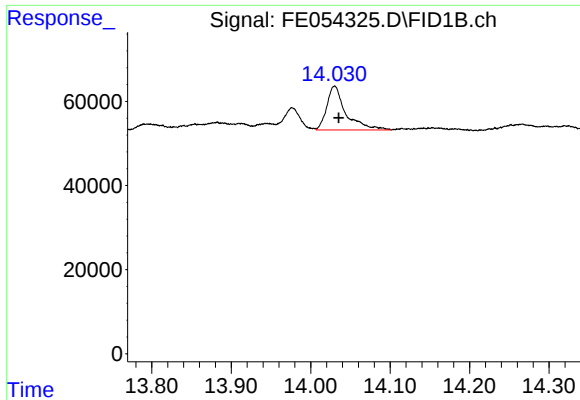
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.007 min
Response: 214143
Conc: 1.61 ug/ml



#12 1-chlorooctadecane (SURR)

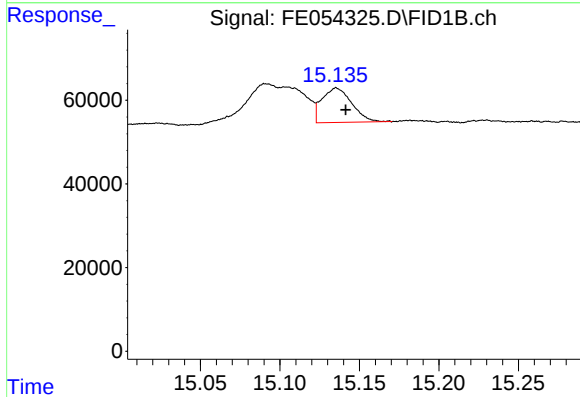
R.T.: 13.212 min
Delta R.T.: -0.067 min
Response: 25126
Conc: 0.21 ug/ml



#13 n-Docosane (C22)

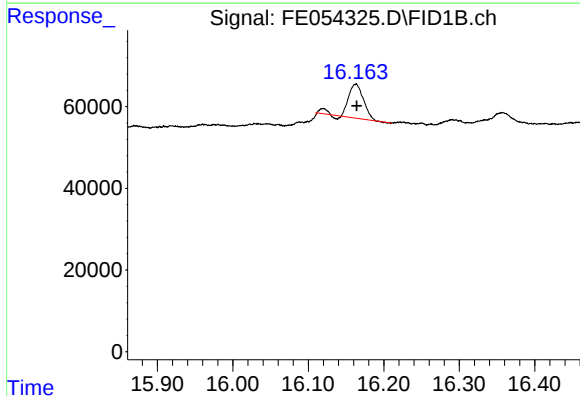
R.T.: 14.030 min
Delta R.T.: -0.005 min
Response: 173170
Conc: 1.32 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



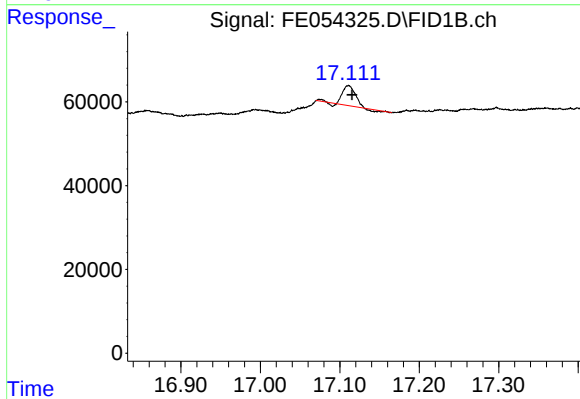
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: -0.006 min
Response: 107057
Conc: 0.83 ug/ml



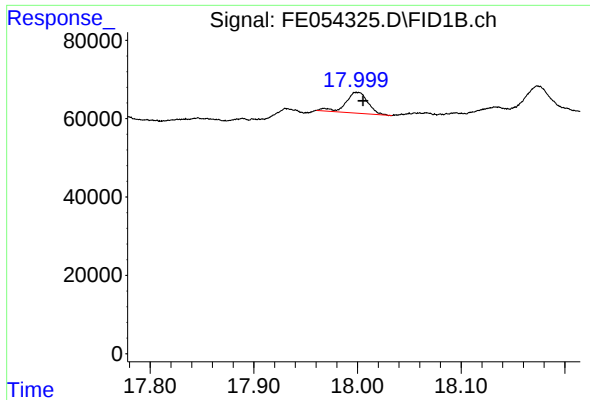
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.001 min
Response: 113703
Conc: 0.91 ug/ml



#16 n-Octacosane (C28)

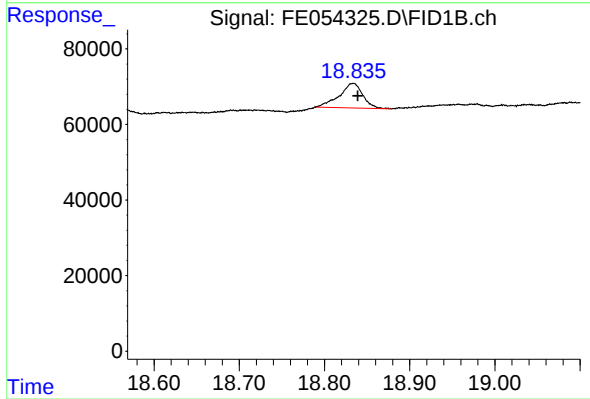
R.T.: 17.111 min
Delta R.T.: -0.004 min
Response: 49311
Conc: 0.40 ug/ml



#17 n-Tricontane (C30)

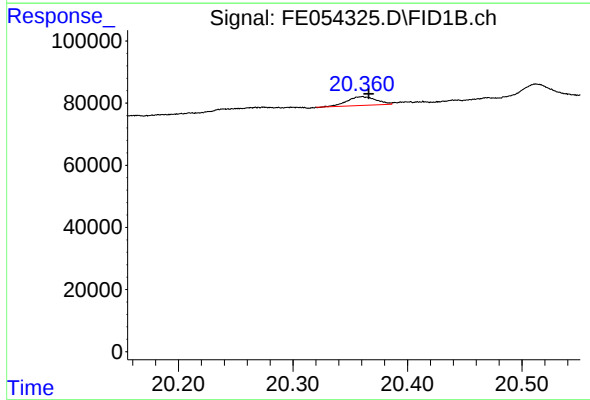
R.T.: 18.000 min
Delta R.T.: -0.005 min
Response: 78460
Conc: 0.63 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.006 min
Response: 124251
Conc: 0.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.006 min
Response: 49536
Conc: 0.38 ug/ml