

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100225AL\
 Data File : FE056140.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2025 07:39
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Oct 03 00:53:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.115	505392	2.693 ug/ml
Spiked Amount 50.000		Recovery =	5.39%
12) S 1-chlorooctadecane (S...	13.466	1107636	7.936 ug/ml
Spiked Amount 50.000		Recovery =	15.87%
Target Compounds			
10) T n-Eicosane (C20)	13.041	558800	3.371 ug/ml
11) T n-Heneicosane (C21)	13.666	616292	3.793 ug/ml
13) T n-Docosane (C22)	14.257	487082	3.048 ug/ml
14) T n-Tetracosane (C24)	15.360	609439	3.999 ug/ml
15) T n-Hexacosane (C26)	16.391	407356	2.856 ug/ml
16) T n-Octacosane (C28)	17.343	366564	2.631 ug/ml
17) T n-Tricontane (C30)	18.233	464280	3.133 ug/ml
18) T n-Dotriacontane (C32)	19.066	756065	5.067 ug/ml
19) T n-Tetratriacontane (C34)	19.849	478879	3.385 ug/ml
20) T n-Hexatriacontane (C36)	20.591	179402	1.398 ug/ml
21) T n-Octatriacontane (C38)	21.363	264125	2.011 ug/ml
22) T n-Tetracontane (C40)	22.334	281538	2.367 ug/ml

(f)=RT Delta > 1/2 Window

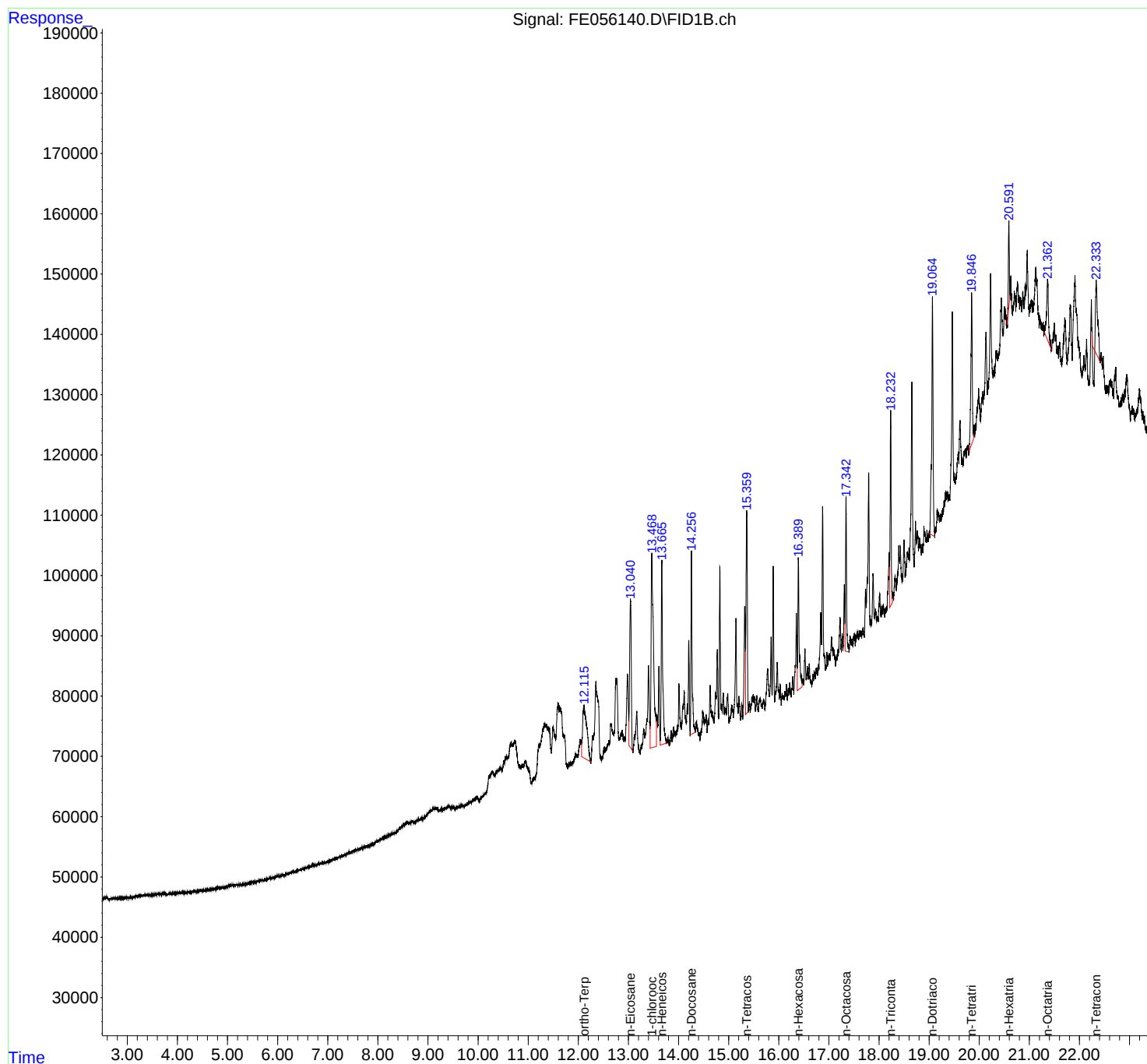
(m)=manual int.

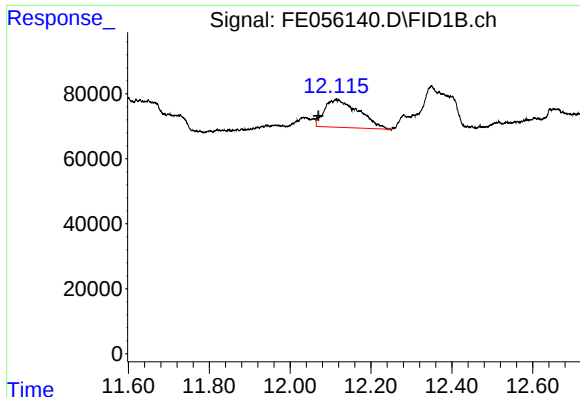
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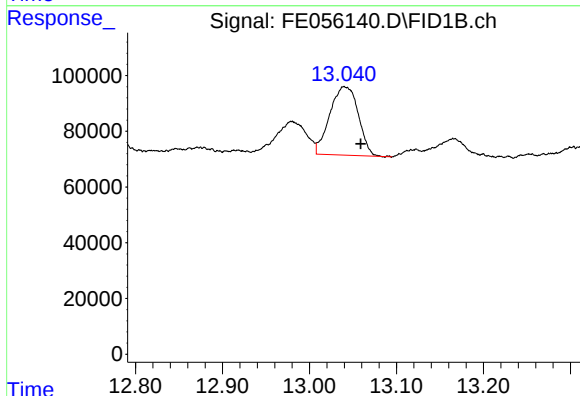




#9 ortho-Terphenyl (SURR)

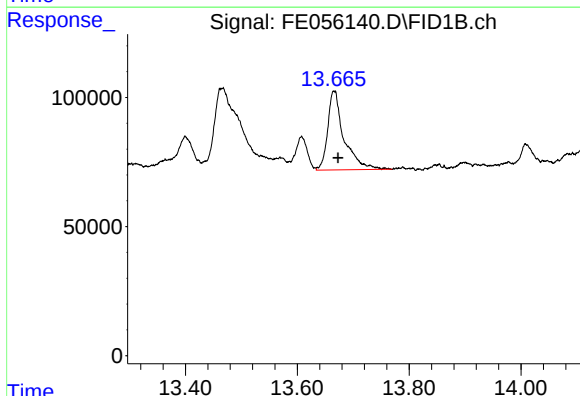
R.T.: 12.115 min
Delta R.T.: 0.045 min
Response: 505392
Conc: 2.69 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



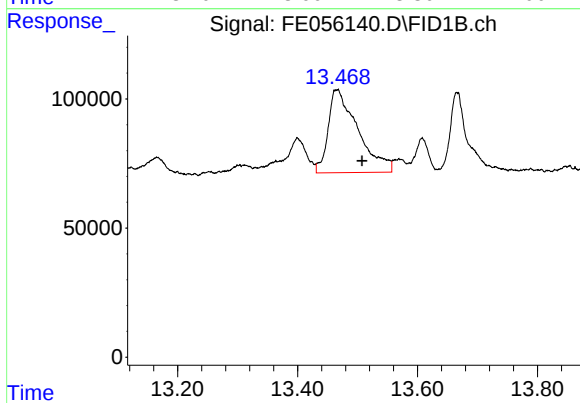
#10 n-Eicosane (C20)

R.T.: 13.041 min
Delta R.T.: -0.018 min
Response: 558800
Conc: 3.37 ug/ml



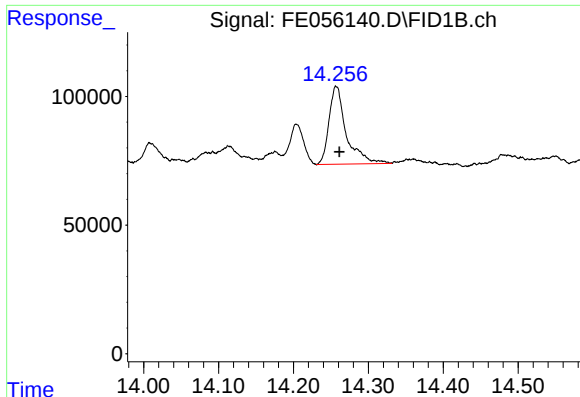
#11 n-Heneicosane (C21)

R.T.: 13.666 min
Delta R.T.: -0.007 min
Response: 616292
Conc: 3.79 ug/ml



#12 1-chlorooctadecane (SURR)

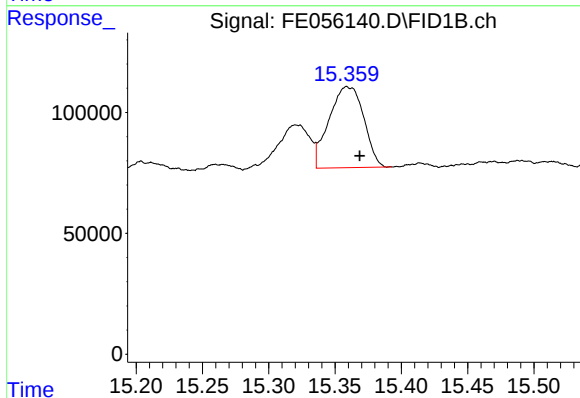
R.T.: 13.466 min
Delta R.T.: -0.042 min
Response: 1107636
Conc: 7.94 ug/ml



#13 n-Docosane (C22)

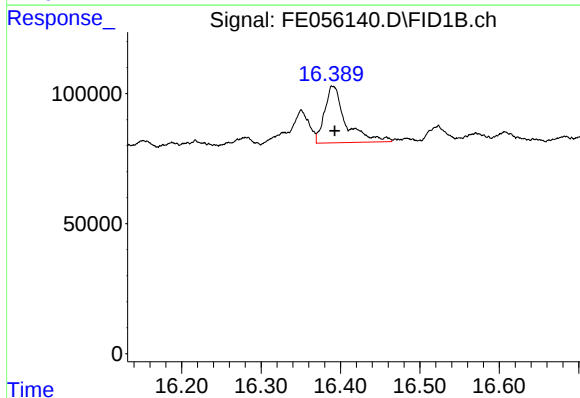
R.T.: 14.257 min
Delta R.T.: -0.004 min
Response: 487082
Conc: 3.05 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



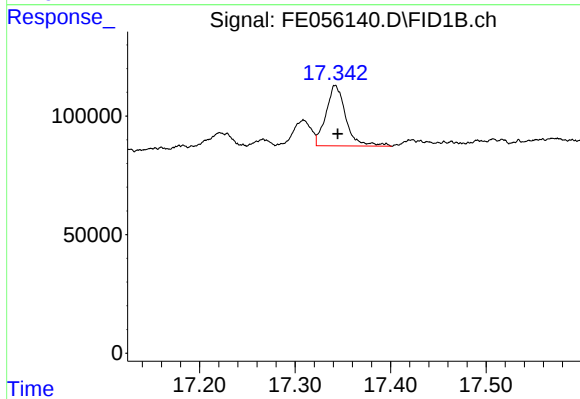
#14 n-Tetracosane (C24)

R.T.: 15.360 min
Delta R.T.: -0.009 min
Response: 609439
Conc: 4.00 ug/ml



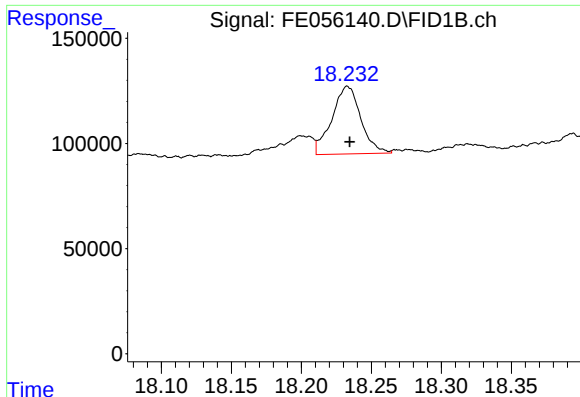
#15 n-Hexacosane (C26)

R.T.: 16.391 min
Delta R.T.: -0.002 min
Response: 407356
Conc: 2.86 ug/ml



#16 n-Octacosane (C28)

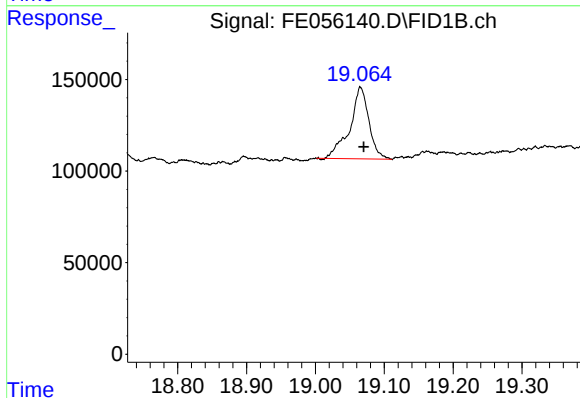
R.T.: 17.343 min
Delta R.T.: -0.002 min
Response: 366564
Conc: 2.63 ug/ml



#17 n-Tricontane (C30)

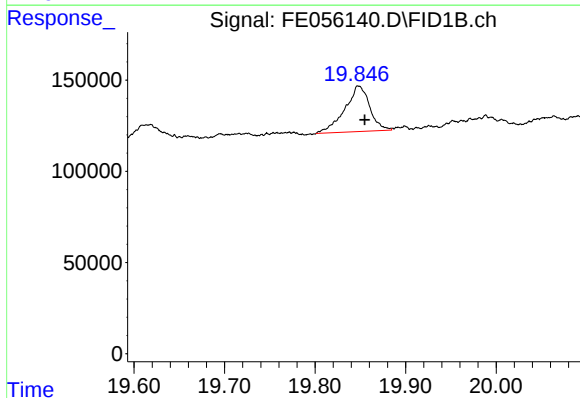
R.T.: 18.233 min
Delta R.T.: -0.002 min
Response: 464280
Conc: 3.13 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



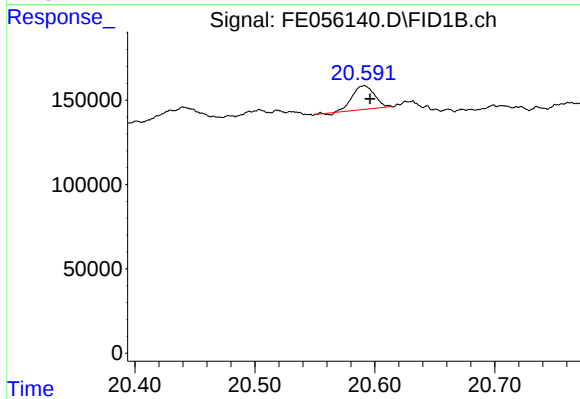
#18 n-Dotriacontane (C32)

R.T.: 19.066 min
Delta R.T.: -0.005 min
Response: 756065
Conc: 5.07 ug/ml



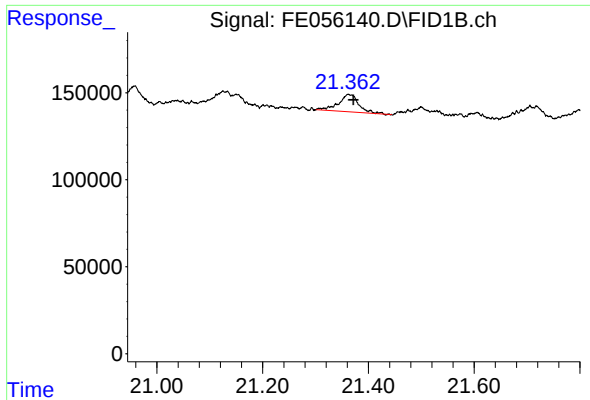
#19 n-Tetratriacontane (C34)

R.T.: 19.849 min
Delta R.T.: -0.006 min
Response: 478879
Conc: 3.39 ug/ml



#20 n-Hexatriacontane (C36)

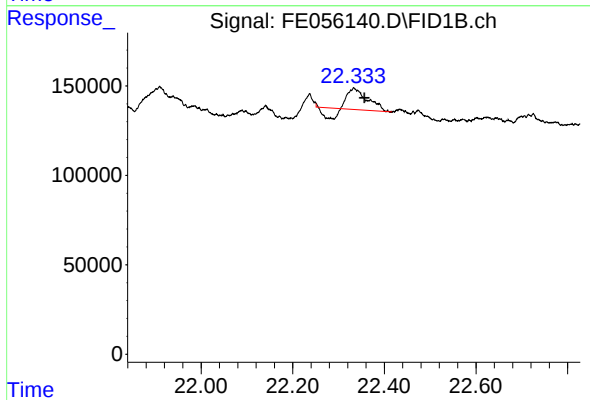
R.T.: 20.591 min
Delta R.T.: -0.005 min
Response: 179402
Conc: 1.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.009 min
Response: 264125
Conc: 2.01 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: -0.023 min
Response: 281538
Conc: 2.37 ug/ml