

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055196.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 05:25
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Aug 08 11:15:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.031f	104683	0.733 ug/ml
Spiked Amount 50.000		Recovery =	1.47%
12) S 1-chlorooctadecane (S...	13.525	27896	0.259 ug/ml
Spiked Amount 50.000		Recovery =	0.52%
Target Compounds			
8) T n-Octadecane (C18)	11.724	264419	2.027 ug/ml
10) T n-Eicosane (C20)	13.072	224891	1.792 ug/ml
11) T n-Heneicosane (C21)	13.693	239947	1.947 ug/ml
13) T n-Docosane (C22)	14.281	206521	1.691 ug/ml
14) T n-Tetracosane (C24)	15.386	203418	1.672 ug/ml
15) T n-Hexacosane (C26)	16.413	167666	1.401 ug/ml
16) T n-Octacosane (C28)	17.365	280162	2.362 ug/ml
17) T n-Tricontane (C30)	18.255	679364	5.521 ug/ml
18) T n-Dotriacontane (C32)	19.089	687751	5.637 ug/ml
19) T n-Tetratriacontane (C34)	19.876	389608	3.332 ug/ml
20) T n-Hexatriacontane (C36)	20.617	494148	4.521 ug/ml
21) T n-Octatriacontane (C38)	21.400	346843	3.209 ug/ml
22) T n-Tetracontane (C40)	22.397	111553	1.067 ug/ml

(f)=RT Delta > 1/2 Window

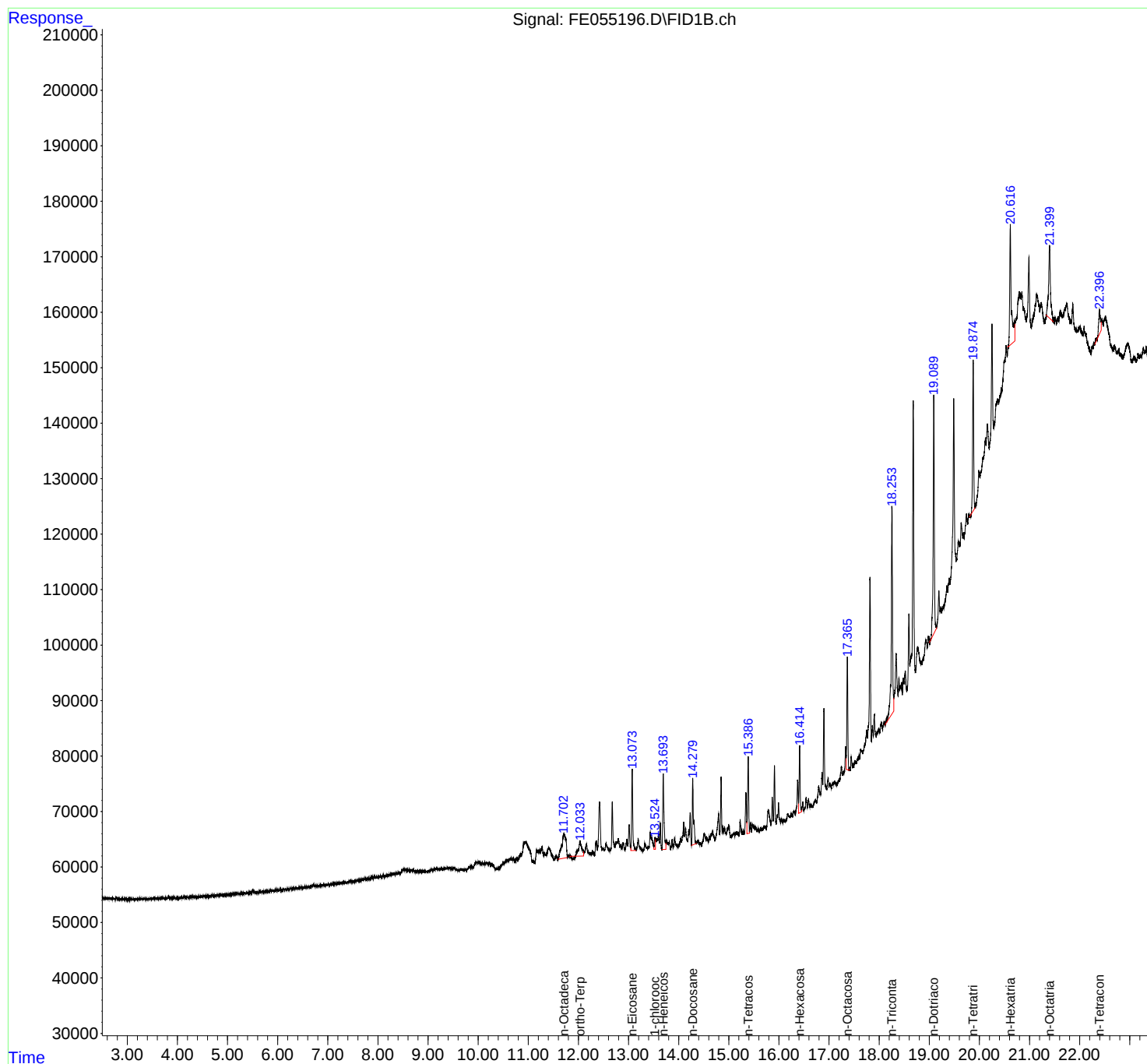
(m)=manual int.

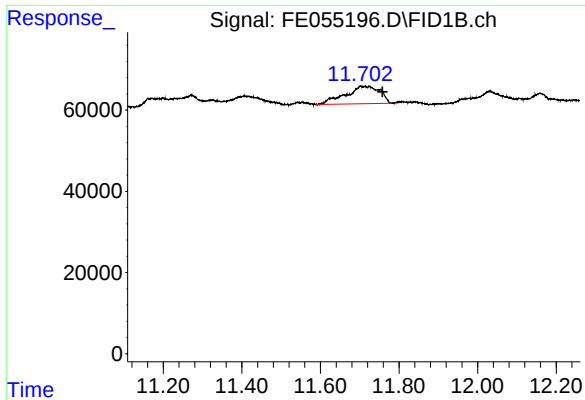
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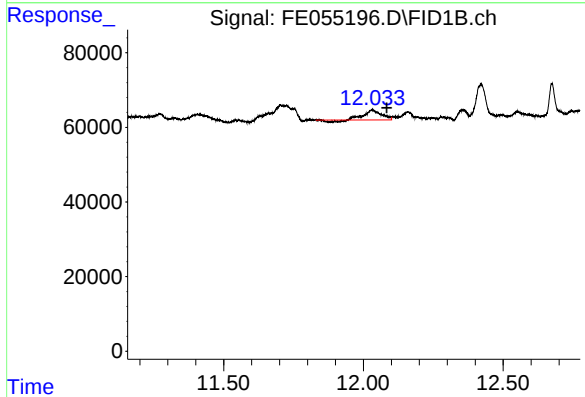




#8 n-Octadecane (C18)

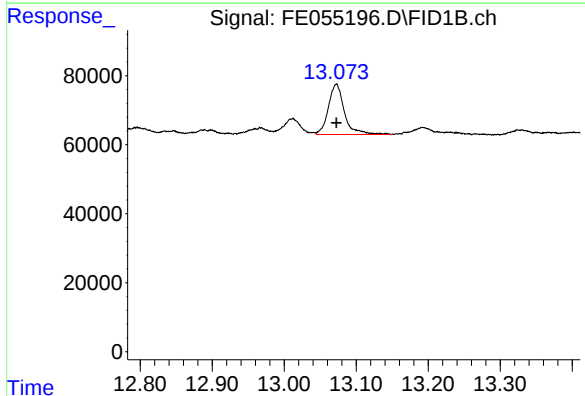
R.T.: 11.724 min
Delta R.T.: -0.034 min
Response: 264419
Conc: 2.03 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



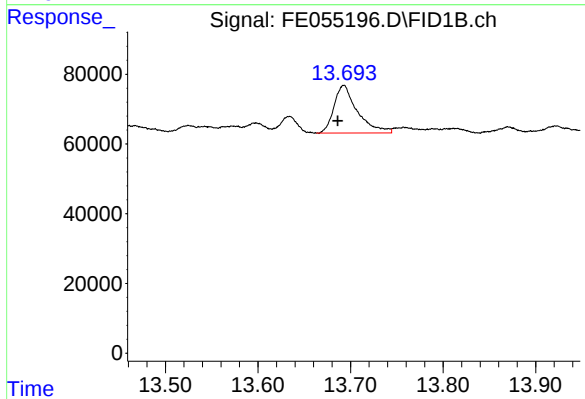
#9 ortho-Terphenyl (SURR)

R.T.: 12.031 min
Delta R.T.: -0.053 min
Response: 104683
Conc: 0.73 ug/ml



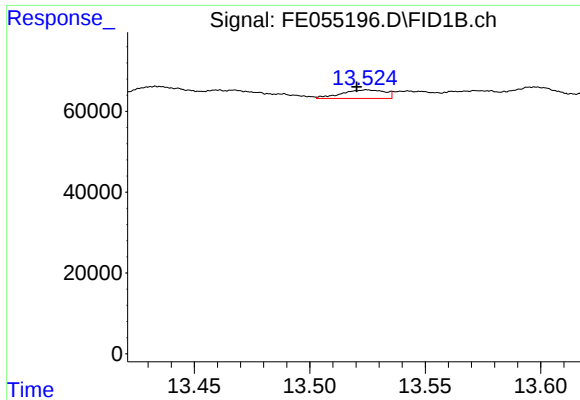
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 224891
Conc: 1.79 ug/ml



#11 n-Heneicosane (C21)

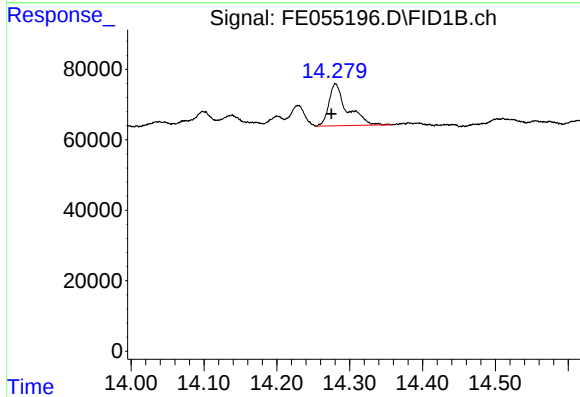
R.T.: 13.693 min
Delta R.T.: 0.006 min
Response: 239947
Conc: 1.95 ug/ml



#12 1-chlorooctadecane (SURR)

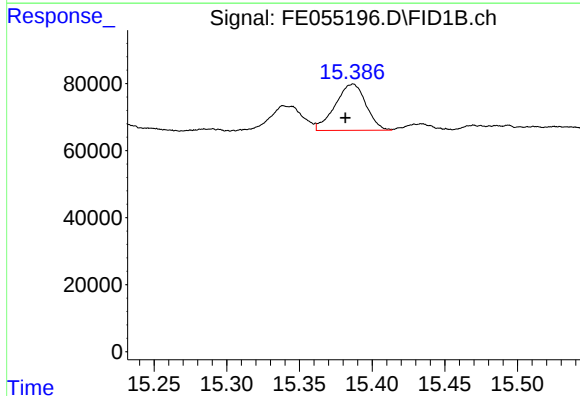
R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 27896
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



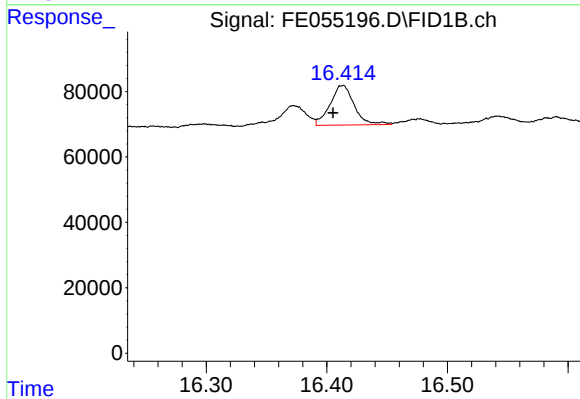
#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 206521
Conc: 1.69 ug/ml



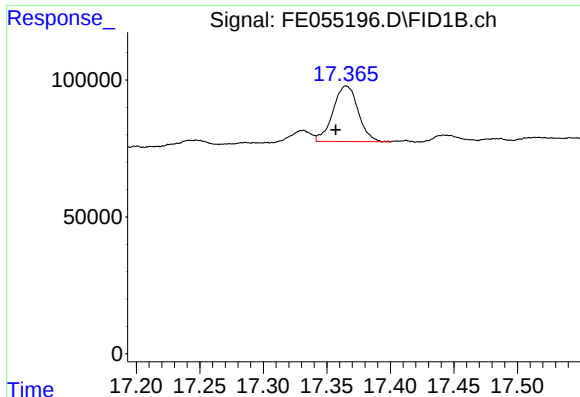
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.005 min
Response: 203418
Conc: 1.67 ug/ml



#15 n-Hexacosane (C26)

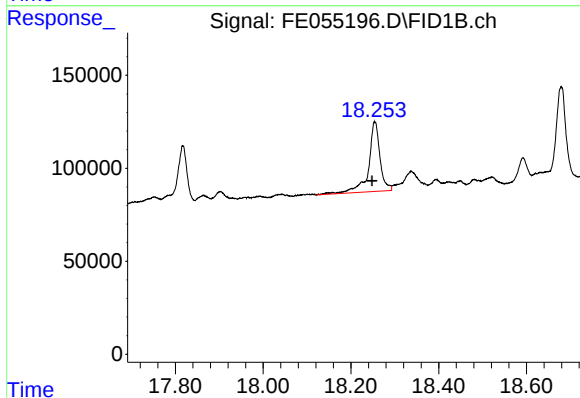
R.T.: 16.413 min
Delta R.T.: 0.008 min
Response: 167666
Conc: 1.40 ug/ml



#16 n-Octacosane (C28)

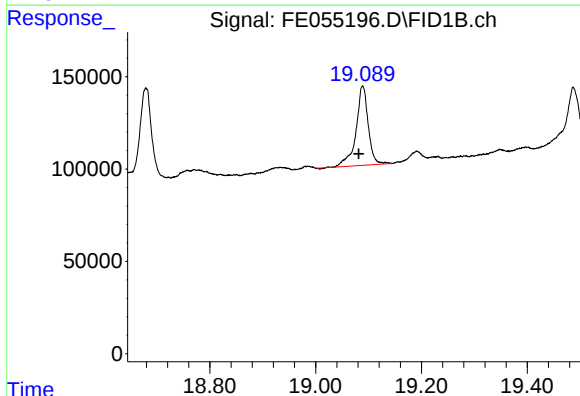
R.T.: 17.365 min
Delta R.T.: 0.008 min
Response: 280162
Conc: 2.36 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



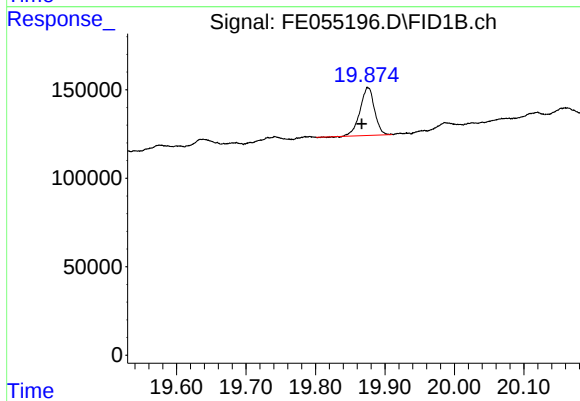
#17 n-Tricontane (C30)

R.T.: 18.255 min
Delta R.T.: 0.007 min
Response: 679364
Conc: 5.52 ug/ml



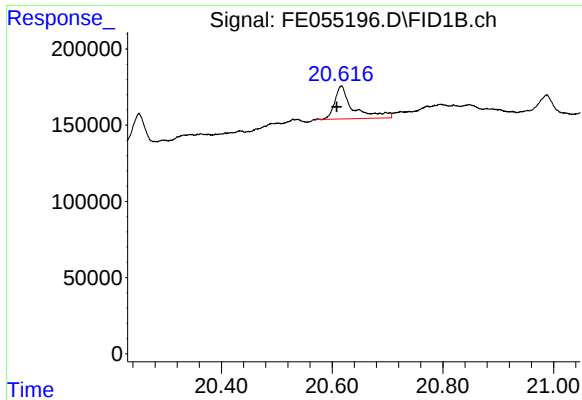
#18 n-Dotriacontane (C32)

R.T.: 19.089 min
Delta R.T.: 0.008 min
Response: 687751
Conc: 5.64 ug/ml



#19 n-Tetratriacontane (C34)

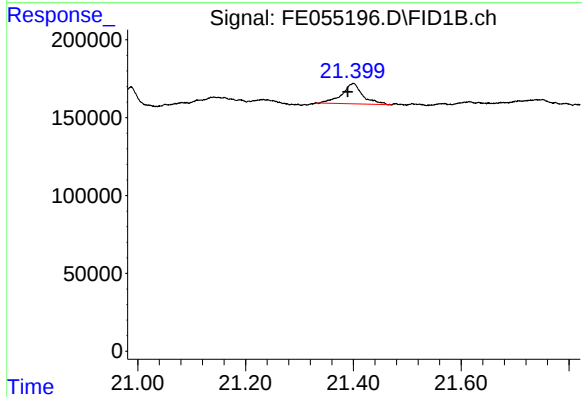
R.T.: 19.876 min
Delta R.T.: 0.009 min
Response: 389608
Conc: 3.33 ug/ml



#20 n-Hexatriacontane (C36)

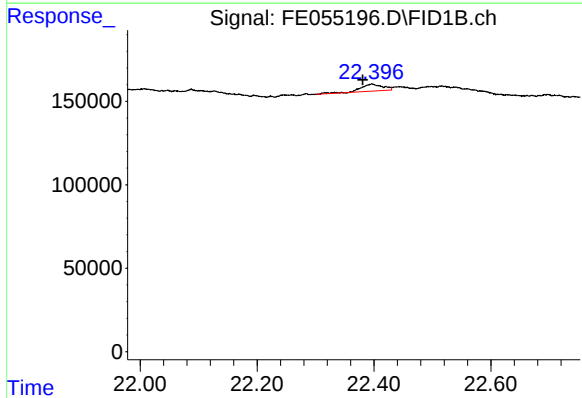
R.T.: 20.617 min
Delta R.T.: 0.008 min
Response: 494148
Conc: 4.52 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#21 n-Octatriacontane (C38)

R.T.: 21.400 min
Delta R.T.: 0.010 min
Response: 346843
Conc: 3.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.397 min
Delta R.T.: 0.016 min
Response: 111553
Conc: 1.07 ug/ml