

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054975.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 07:40
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MECL2

Integration File: autoint1.e
 Quant Time: Jul 24 04:28:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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			
12) S 1-chlorooctadecane (S...	13.515	73977	0.586 ug/ml
Spiked Amount 50.000		Recovery =	1.17%
Target Compounds			
8) T n-Octadecane (C18)	11.721	71620	0.489 ug/ml
10) T n-Eicosane (C20)	13.061	243201	1.691 ug/ml
11) T n-Heneicosane (C21)	13.685	264663	1.853 ug/ml
13) T n-Docosane (C22)	14.275	227876	1.596 ug/ml
14) T n-Tetracosane (C24)	15.380	262009	1.802 ug/ml
15) T n-Hexacosane (C26)	16.407	183078	1.265 ug/ml
16) T n-Octacosane (C28)	17.360	272621	1.871 ug/ml
17) T n-Tricontane (C30)	18.250	565528	3.589 ug/ml
18) T n-Dotriacontane (C32)	19.083	611722	3.781 ug/ml
19) T n-Tetratriacontane (C34)	19.868	413964	2.716 ug/ml
20) T n-Hexatriacontane (C36)	20.611	320563	2.384 ug/ml
21) T n-Octatriacontane (C38)	21.388	206791	1.763 ug/ml
22) T n-Tetracontane (C40)	22.380	126880	1.171 ug/ml

(f)=RT Delta > 1/2 Window

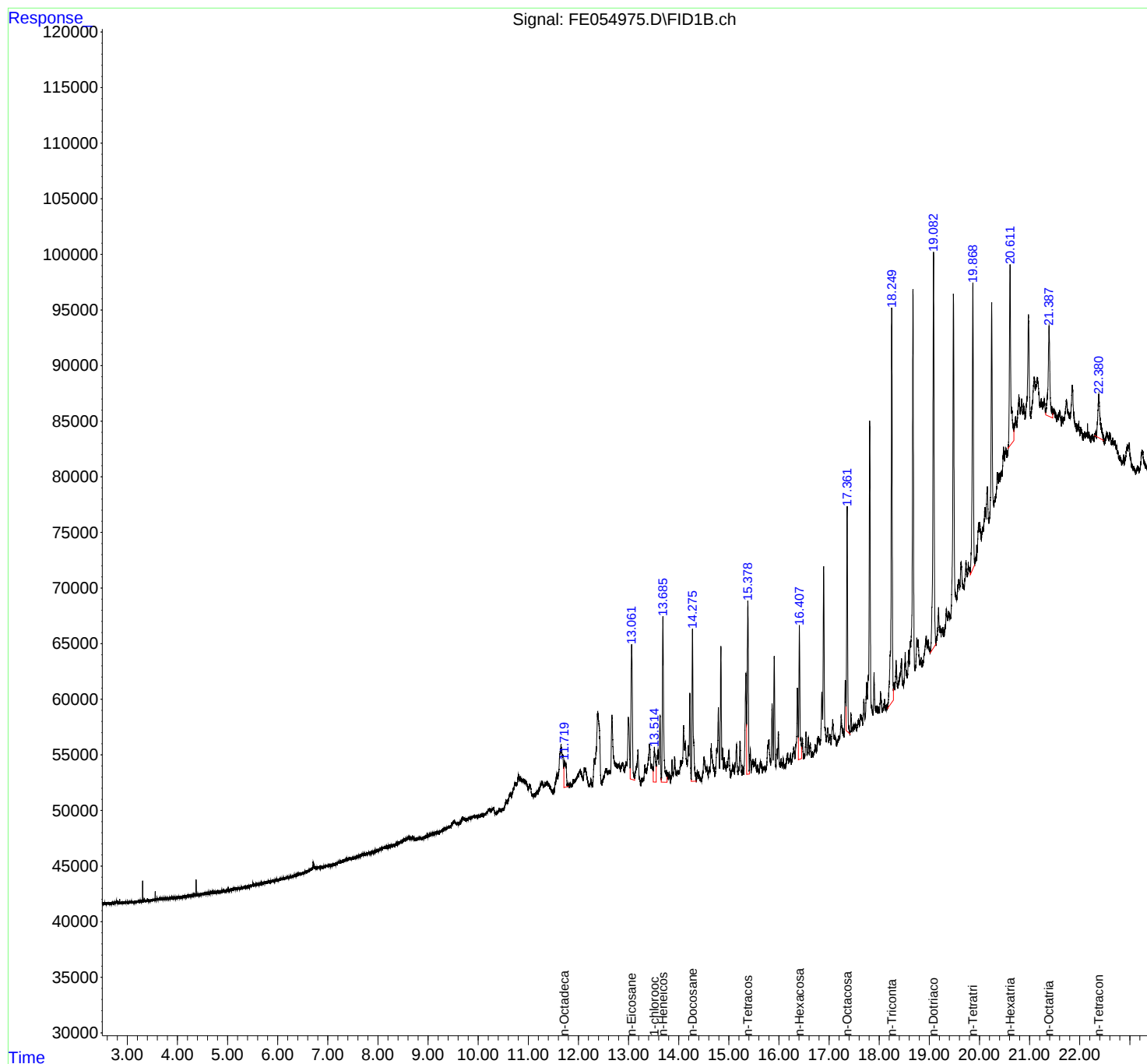
(m)=manual int.

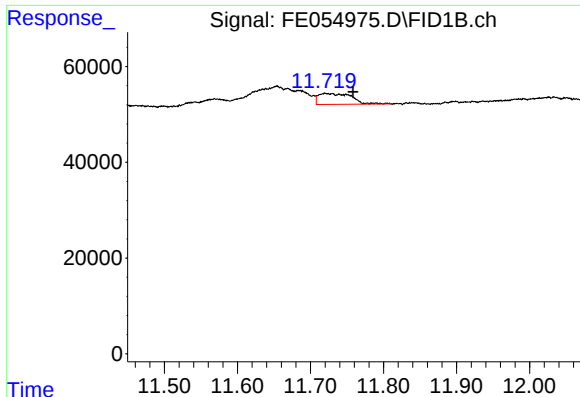
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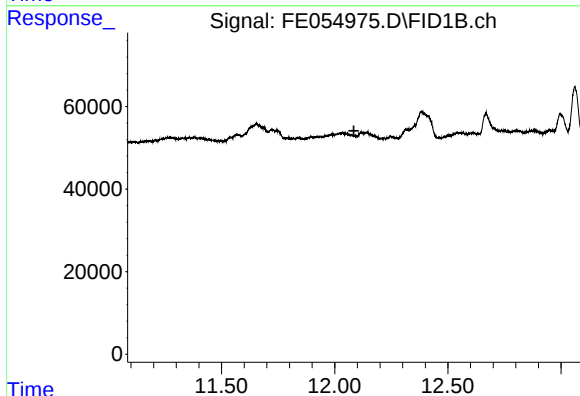




#8 n-Octadecane (C18)

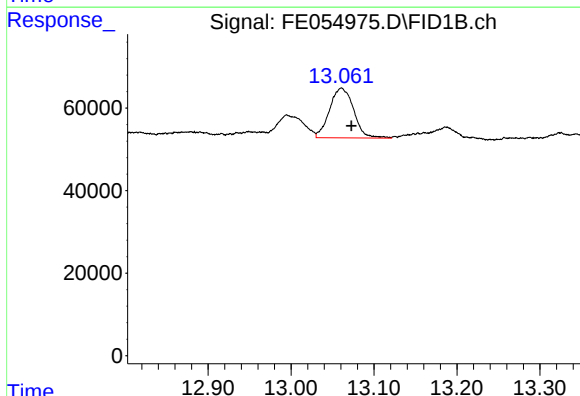
R.T.: 11.721 min
Delta R.T.: -0.037 min
Response: 71620
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



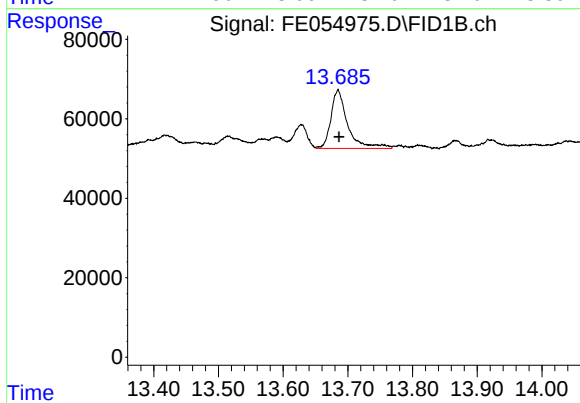
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.085 min
Response: 0
Conc: N.D.



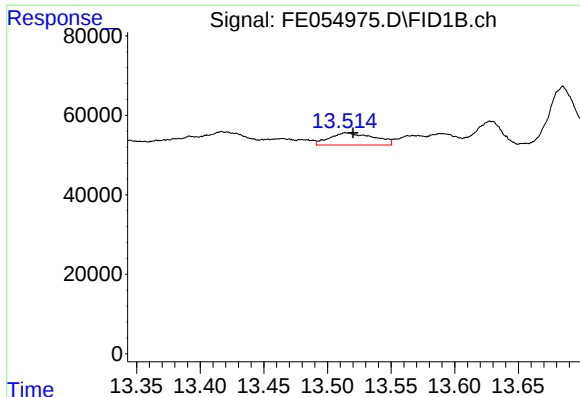
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.012 min
Response: 243201
Conc: 1.69 ug/ml



#11 n-Heneicosane (C21)

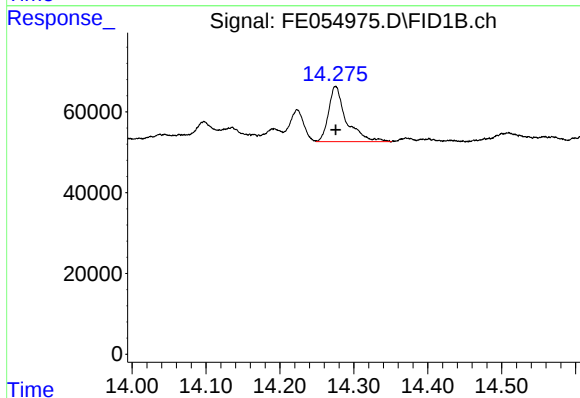
R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 264663
Conc: 1.85 ug/ml



#12 1-chlorooctadecane (SURR)

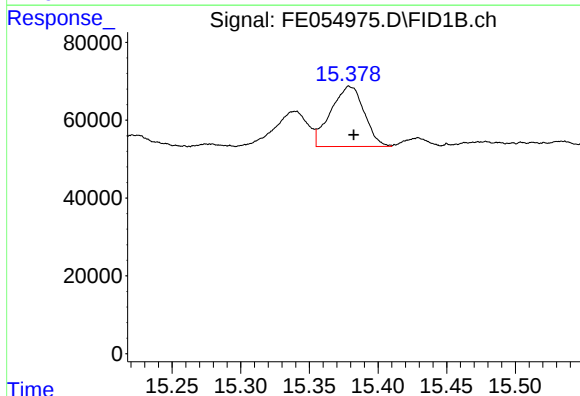
R.T.: 13.515 min
Delta R.T.: -0.005 min
Response: 73977
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



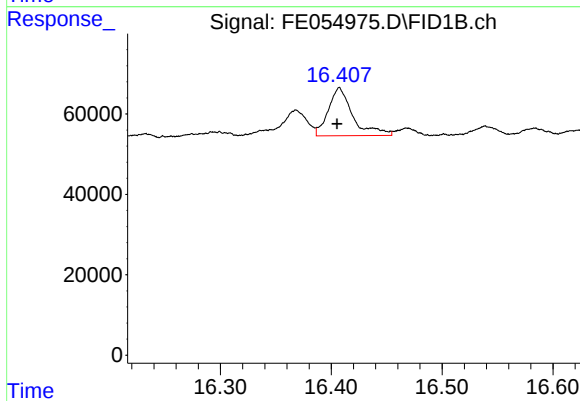
#13 n-Docosane (C22)

R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 227876
Conc: 1.60 ug/ml



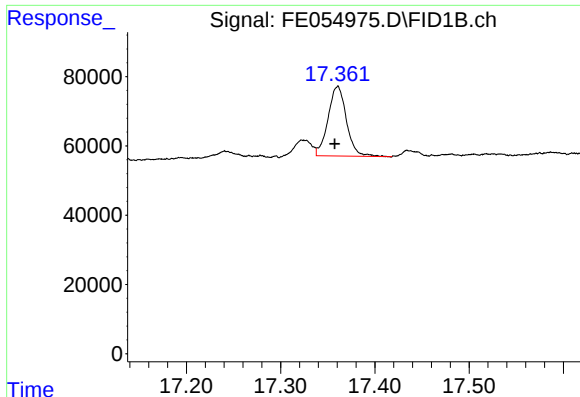
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.003 min
Response: 262009
Conc: 1.80 ug/ml



#15 n-Hexacosane (C26)

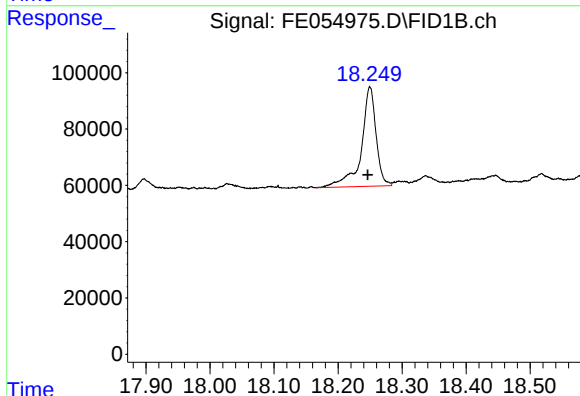
R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 183078
Conc: 1.27 ug/ml



#16 n-Octacosane (C28)

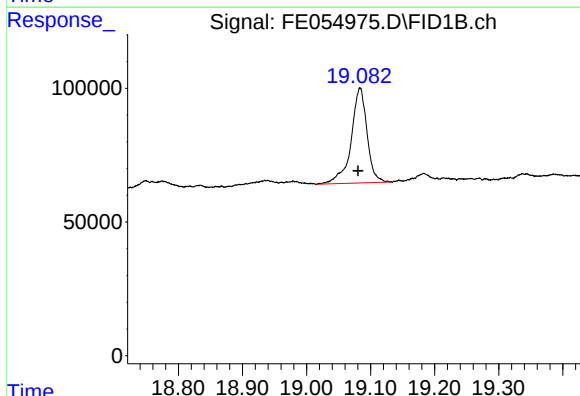
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 272621
Conc: 1.87 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



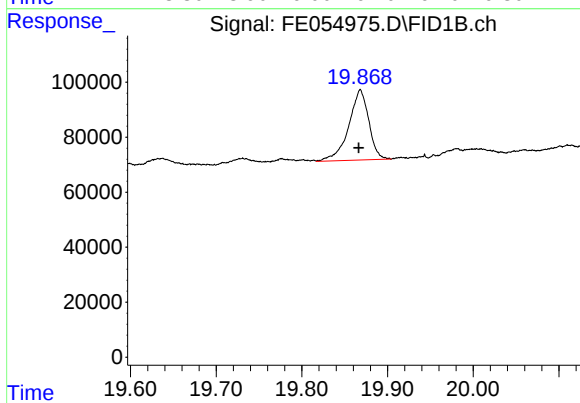
#17 n-Tricontane (C30)

R.T.: 18.250 min
Delta R.T.: 0.003 min
Response: 565528
Conc: 3.59 ug/ml



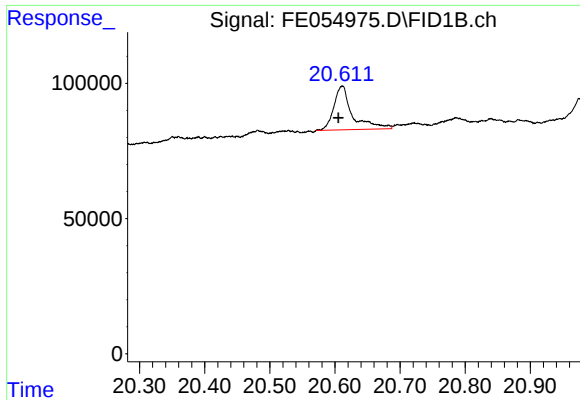
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.003 min
Response: 611722
Conc: 3.78 ug/ml



#19 n-Tetratriacontane (C34)

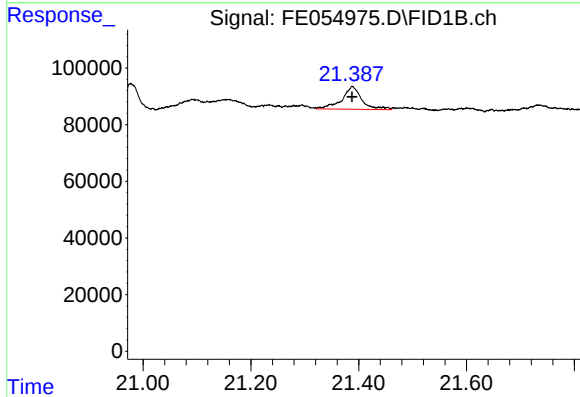
R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 413964
Conc: 2.72 ug/ml



#20 n-Hexatriacontane (C36)

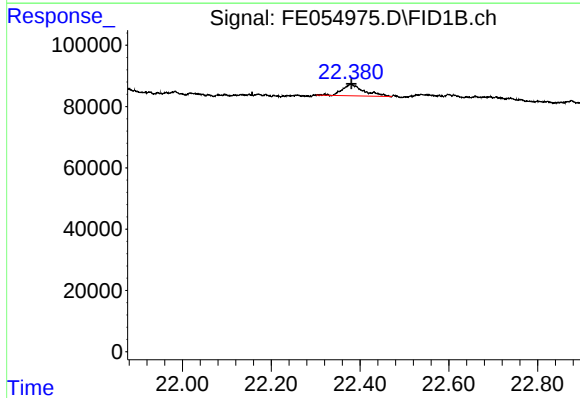
R.T.: 20.611 min
Delta R.T.: 0.005 min
Response: 320563
Conc: 2.38 ug/ml

Instrument :
FID_E
ClientSampleId :
MECL2



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: 0.000 min
Response: 206791
Conc: 1.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: -0.001 min
Response: 126880
Conc: 1.17 ug/ml