

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073025AL\
 Data File : FE055078.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jul 2025 06:41
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 30 11:39:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.118	90152	0.609 ug/ml
Spiked Amount 50.000		Recovery =	1.22%
12) S 1-chlorooctadecane (S...	13.521	83480	0.745 ug/ml
Spiked Amount 50.000		Recovery =	1.49%
Target Compounds			
10) T n-Eicosane (C20)	13.065	336733	2.588 ug/ml
11) T n-Heneicosane (C21)	13.689	355230	2.793 ug/ml
13) T n-Docosane (C22)	14.279	325267	2.578 ug/ml
14) T n-Tetracosane (C24)	15.386	296252	2.364 ug/ml
15) T n-Hexacosane (C26)	16.413	232840	1.885 ug/ml
16) T n-Octacosane (C28)	17.366	426128	3.437 ug/ml
17) T n-Tricontane (C30)	18.255	865902	6.608 ug/ml
18) T n-Dotriacontane (C32)	19.091	886454	6.799 ug/ml
19) T n-Tetratriacontane (C34)	19.875	510372	4.117 ug/ml
20) T n-Hexatriacontane (C36)	20.618	467347	4.068 ug/ml
21) T n-Octatriacontane (C38)	21.400	619014	5.508 ug/ml
22) T n-Tetracontane (C40)	22.401	78671	0.713 ug/ml

(f)=RT Delta > 1/2 Window

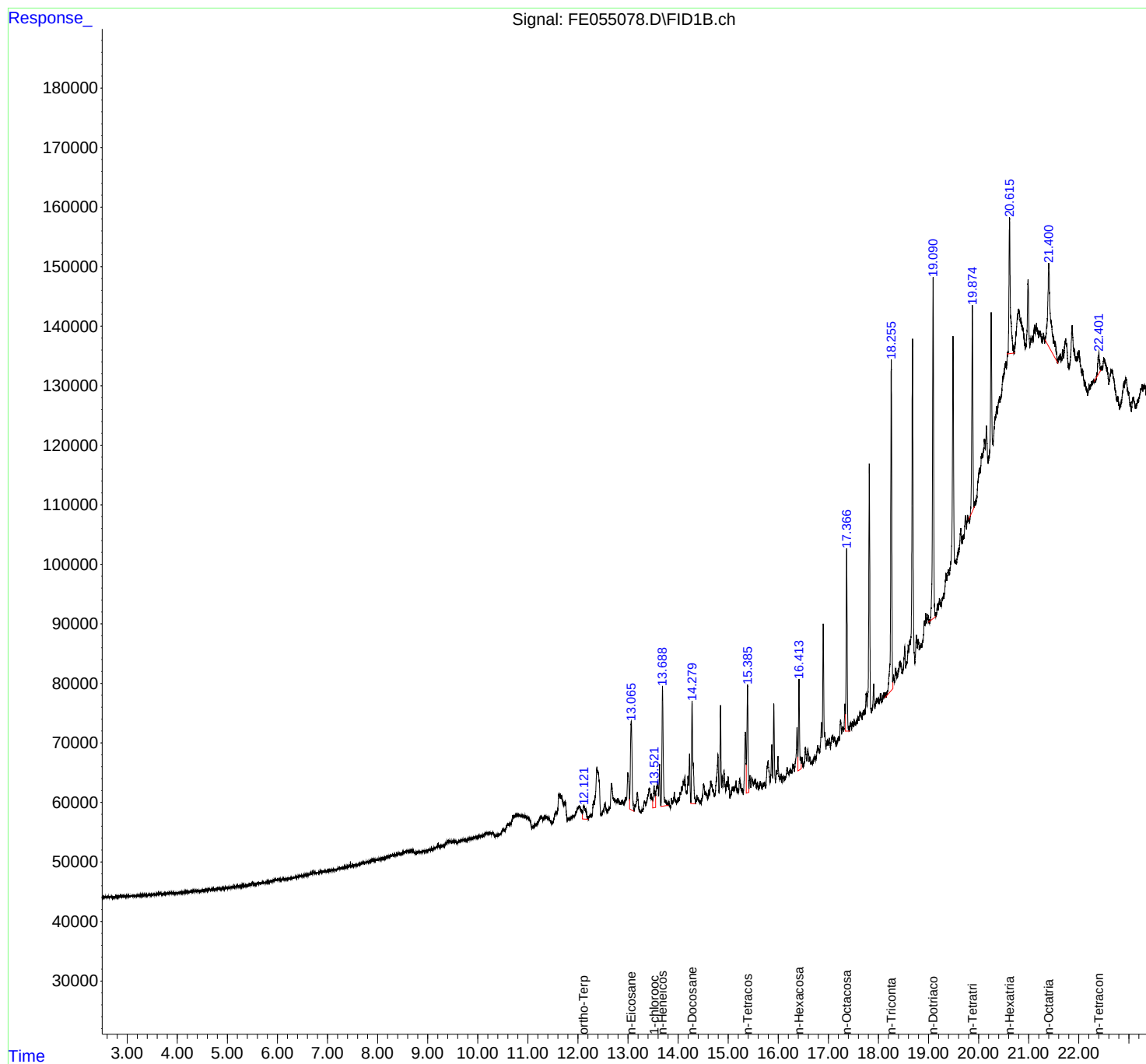
(m)=manual int.

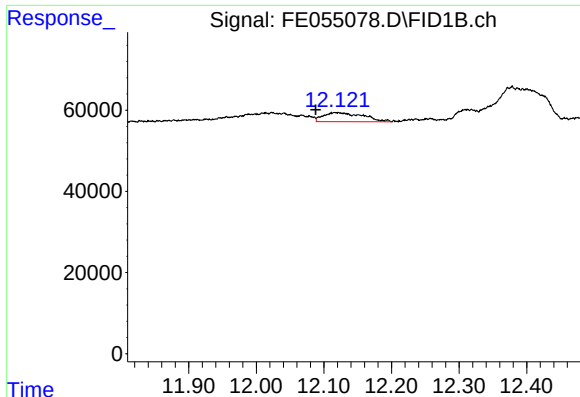
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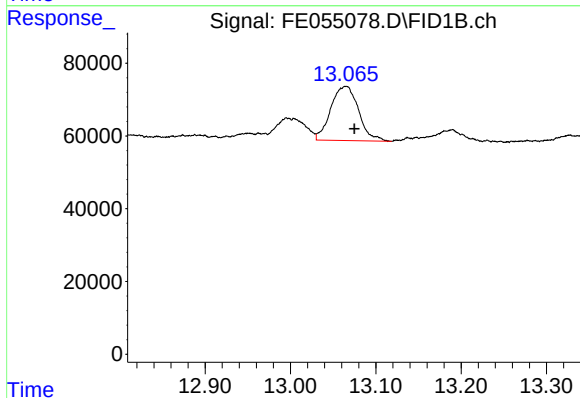




#9 ortho-Terphenyl (SURR)

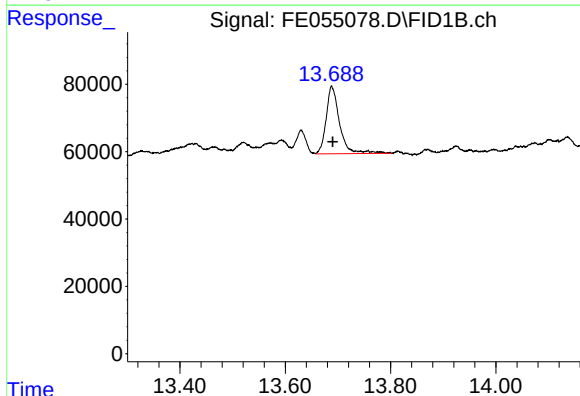
R.T.: 12.118 min
Delta R.T.: 0.030 min
Response: 90152
Conc: 0.61 ug/ml

Instrument :
FID_E
ClientSampleId :



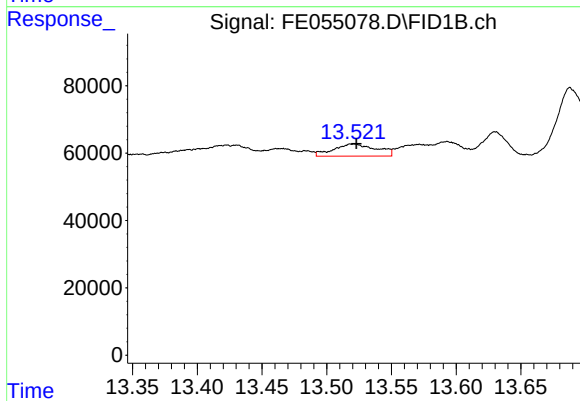
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: -0.010 min
Response: 336733
Conc: 2.59 ug/ml



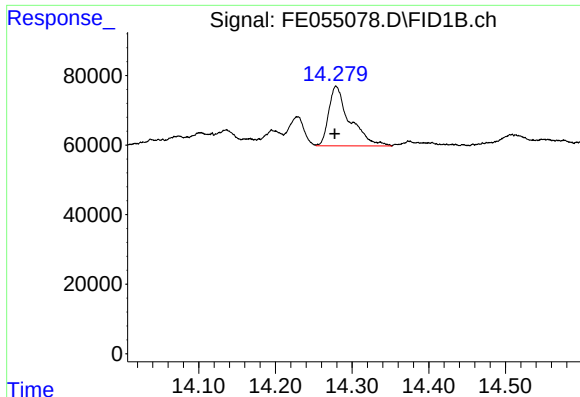
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: -0.001 min
Response: 355230
Conc: 2.79 ug/ml



#12 1-chlorooctadecane (SURR)

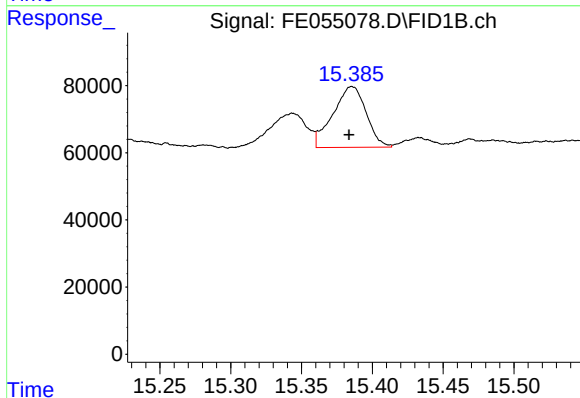
R.T.: 13.521 min
Delta R.T.: -0.002 min
Response: 83480
Conc: 0.75 ug/ml



#13 n-Docosane (C22)

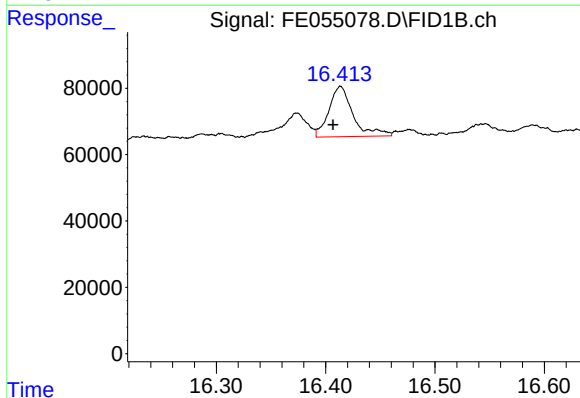
R.T.: 14.279 min
Delta R.T.: 0.002 min
Response: 325267
Conc: 2.58 ug/ml

Instrument :
FID_E
ClientSampleId :



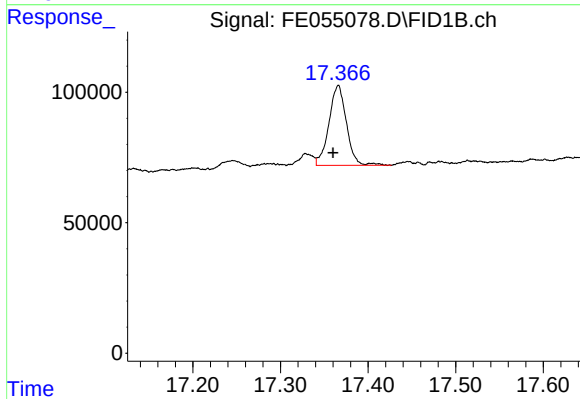
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.002 min
Response: 296252
Conc: 2.36 ug/ml



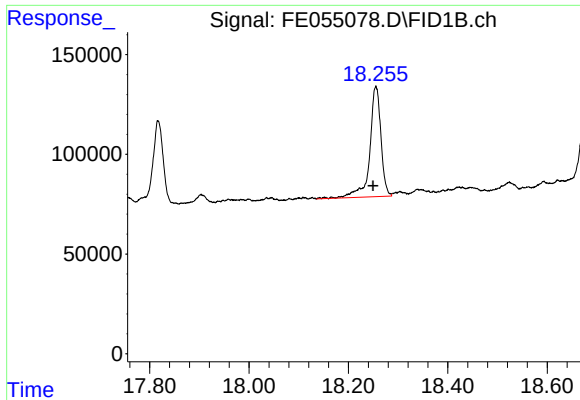
#15 n-Hexacosane (C26)

R.T.: 16.413 min
Delta R.T.: 0.007 min
Response: 232840
Conc: 1.88 ug/ml



#16 n-Octacosane (C28)

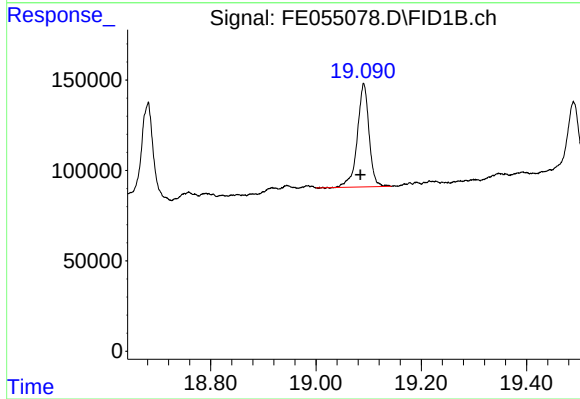
R.T.: 17.366 min
Delta R.T.: 0.006 min
Response: 426128
Conc: 3.44 ug/ml



#17 n-Tricontane (C30)

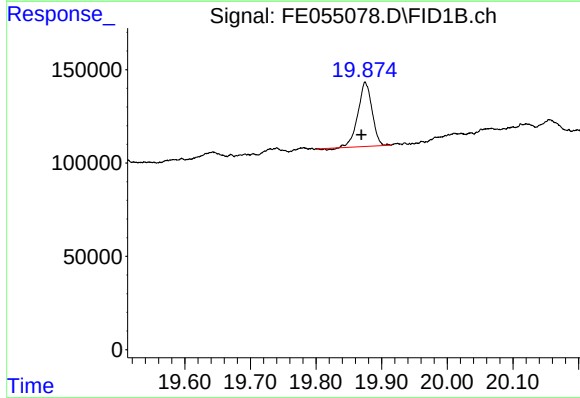
R.T.: 18.255 min
Delta R.T.: 0.006 min
Response: 865902
Conc: 6.61 ug/ml

Instrument :
FID_E
ClientSampleId :



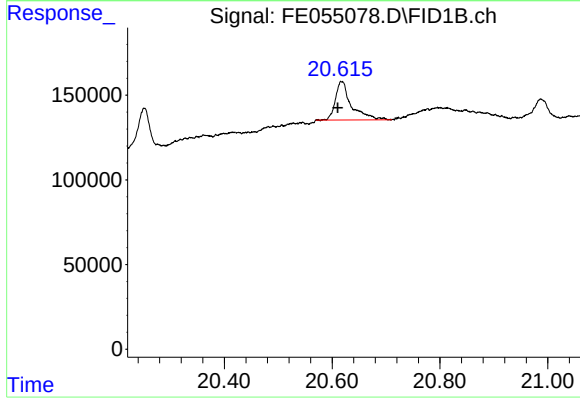
#18 n-Dotriacontane (C32)

R.T.: 19.091 min
Delta R.T.: 0.006 min
Response: 886454
Conc: 6.80 ug/ml



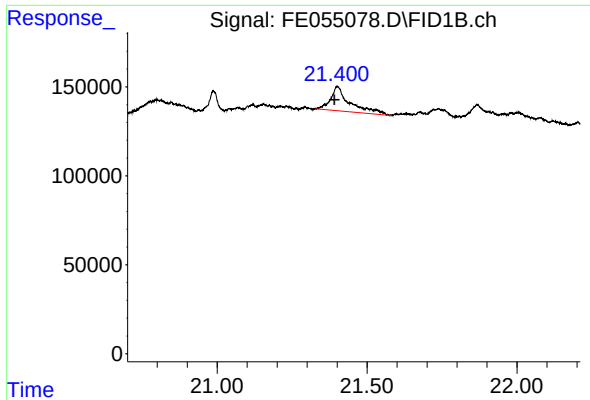
#19 n-Tetratriacontane (C34)

R.T.: 19.875 min
Delta R.T.: 0.006 min
Response: 510372
Conc: 4.12 ug/ml



#20 n-Hexatriacontane (C36)

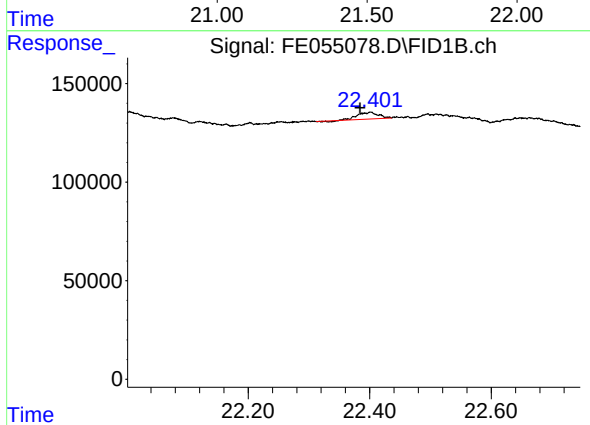
R.T.: 20.618 min
Delta R.T.: 0.008 min
Response: 467347
Conc: 4.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.400 min
Delta R.T.: 0.009 min
Response: 619014
Conc: 5.51 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.401 min
Delta R.T.: 0.017 min
Response: 78671
Conc: 0.71 ug/ml