

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072825AL\
 Data File : FE055052.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2025 17:21
 Operator : YP\AJ
 Sample : Q2705-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 FG1B

Integration File: autoint1.e
 Quant Time: Jul 29 02:40:05 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)	12.092	5266198	35.577 ug/ml
Spiked Amount 50.000		Recovery =	71.15%
12) S 1-chlorooctadecane (S...	13.529	4202139	37.525 ug/ml
Spiked Amount 50.000		Recovery =	75.05%
Target Compounds			
6) T n-Tetradecane (C14)	8.661	63783	0.486 ug/ml
10) T n-Eicosane (C20)	13.078	27456	0.211 ug/ml
14) T n-Tetracosane (C24)	15.386	27686	0.221 ug/ml
15) T n-Hexacosane (C26)	16.411	24819	0.201 ug/ml
16) T n-Octacosane (C28)	17.363	39179	0.316 ug/ml
17) T n-Tricontane (C30)	18.253	145606	1.111 ug/ml
18) T n-Dotriacontane (C32)	19.087	203895	1.564 ug/ml
19) T n-Tetratriacontane (C34)	19.875	53855	0.434 ug/ml
20) T n-Hexatriacontane (C36)	20.617	103193	0.898 ug/ml
21) T n-Octatriacontane (C38)	21.402	118920	1.058 ug/ml
22) T n-Tetracontane (C40)	22.374	16584	0.150 ug/ml

(f)=RT Delta > 1/2 Window

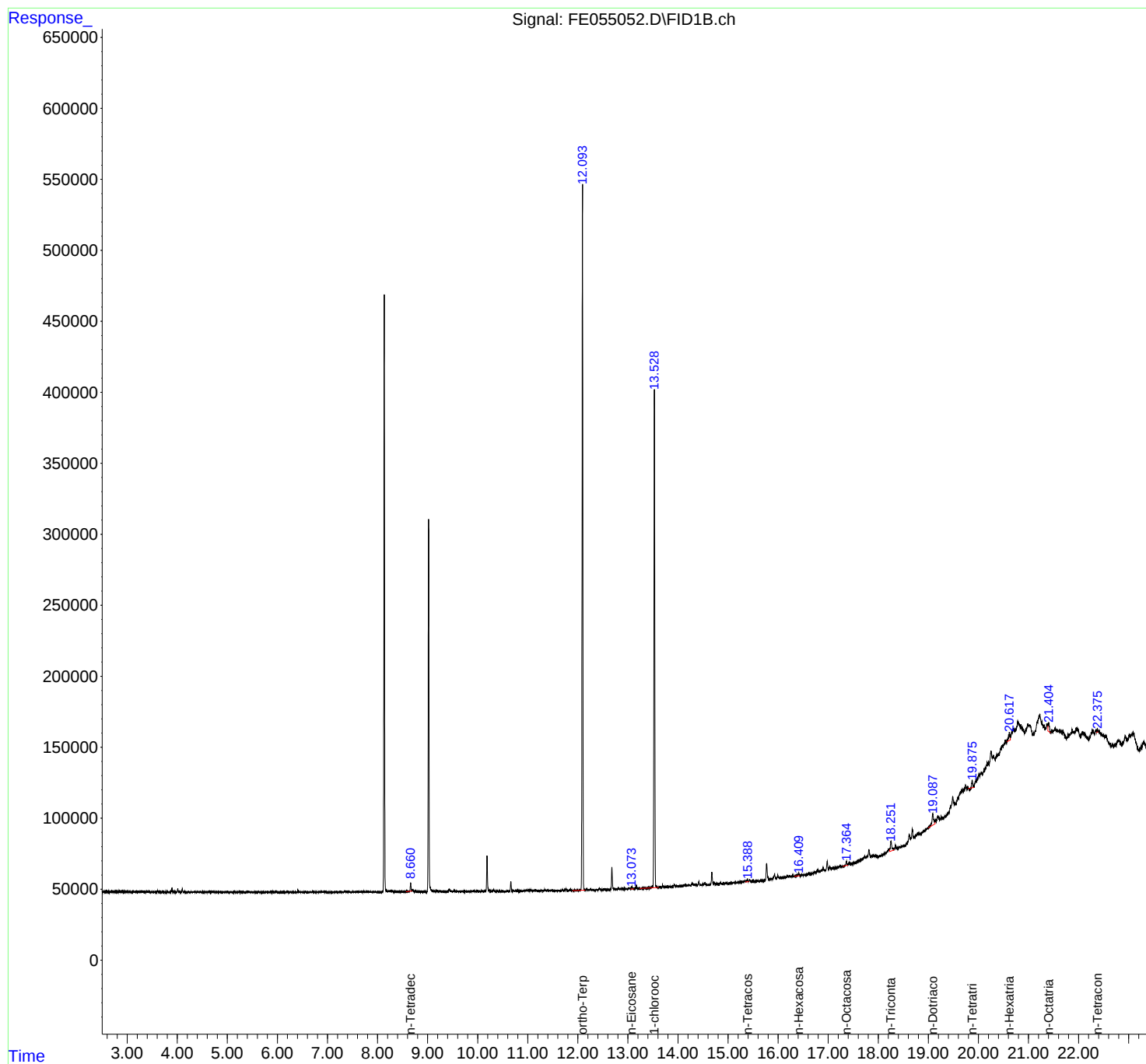
(m)=manual int.

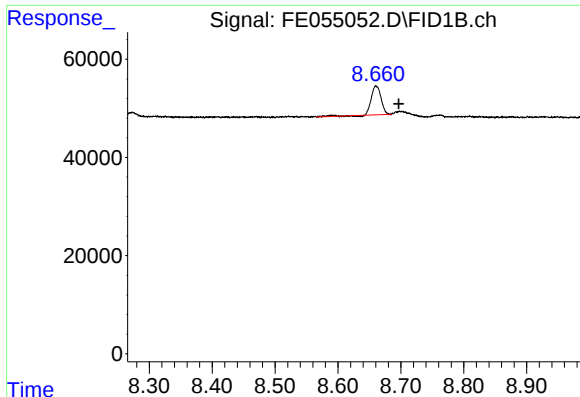
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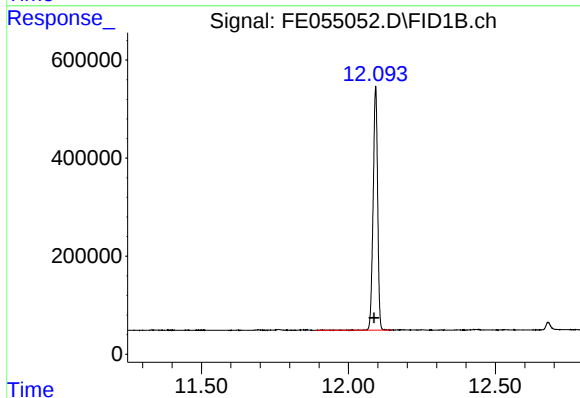




#6 n-Tetradecane (C14)

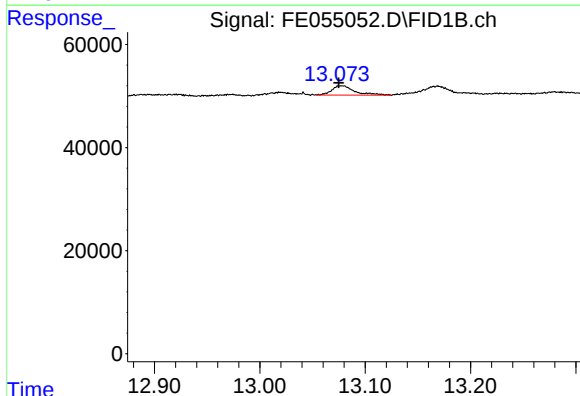
R.T.: 8.661 min
Delta R.T.: -0.036 min
Response: 63783
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :
FG1B



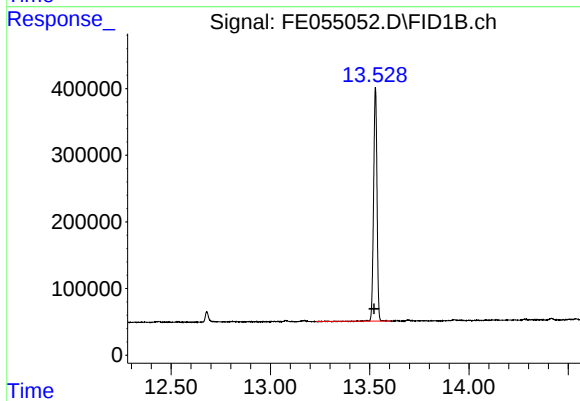
#9 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.004 min
Response: 5266198
Conc: 35.58 ug/ml



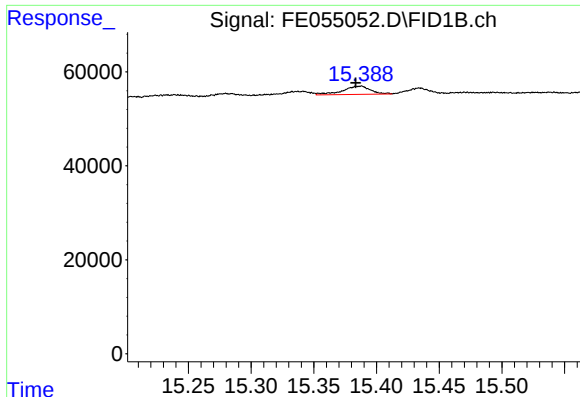
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.003 min
Response: 27456
Conc: 0.21 ug/ml



#12 1-chlorooctadecane (SURR)

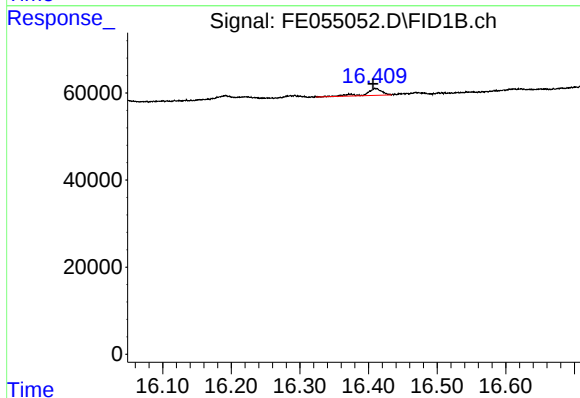
R.T.: 13.529 min
Delta R.T.: 0.006 min
Response: 4202139
Conc: 37.52 ug/ml



#14 n-Tetracosane (C24)

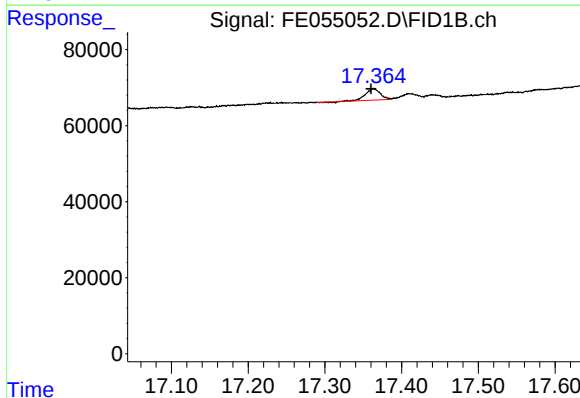
R.T.: 15.386 min
Delta R.T.: 0.003 min
Response: 27686
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :
FG1B



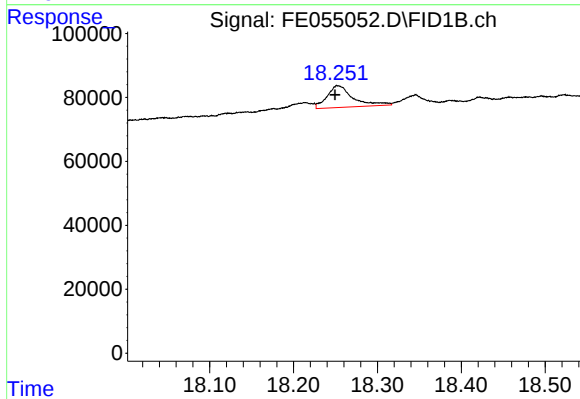
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.004 min
Response: 24819
Conc: 0.20 ug/ml



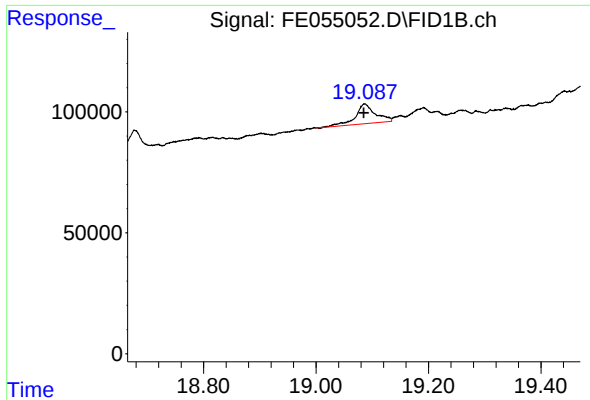
#16 n-Octacosane (C28)

R.T.: 17.363 min
Delta R.T.: 0.003 min
Response: 39179
Conc: 0.32 ug/ml



#17 n-Tricontane (C30)

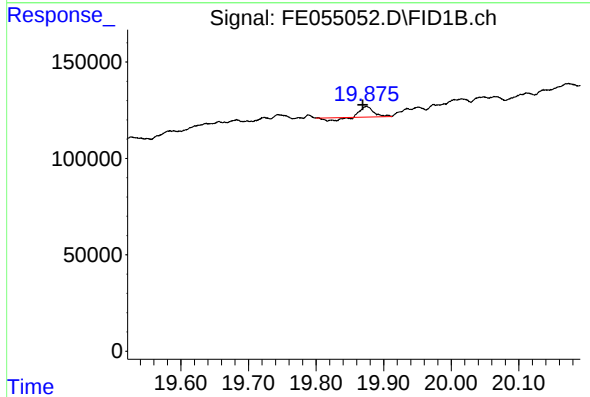
R.T.: 18.253 min
Delta R.T.: 0.004 min
Response: 145606
Conc: 1.11 ug/ml



#18 n-Dotriacontane (C32)

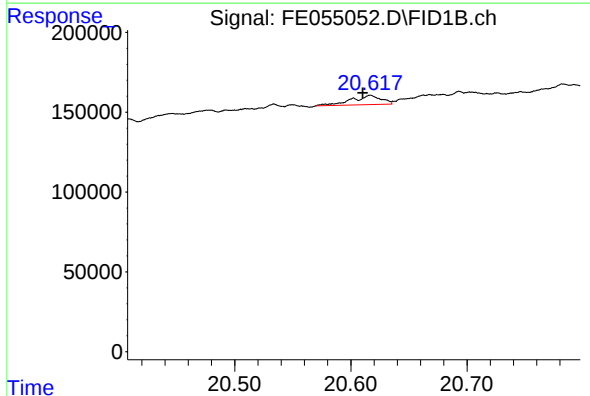
R.T.: 19.087 min
Delta R.T.: 0.002 min
Response: 203895
Conc: 1.56 ug/ml

Instrument :
FID_E
ClientSampleId :
FG1B



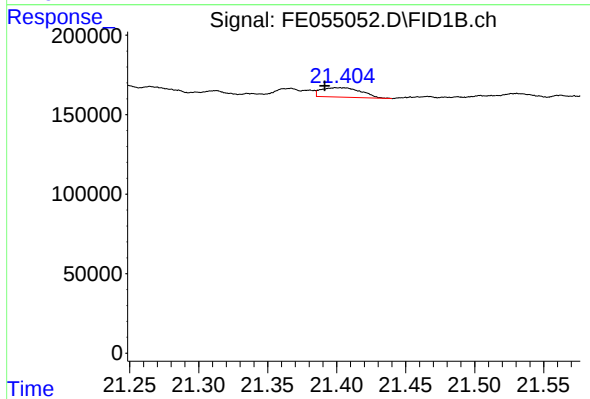
#19 n-Tetratriacontane (C34)

R.T.: 19.875 min
Delta R.T.: 0.006 min
Response: 53855
Conc: 0.43 ug/ml



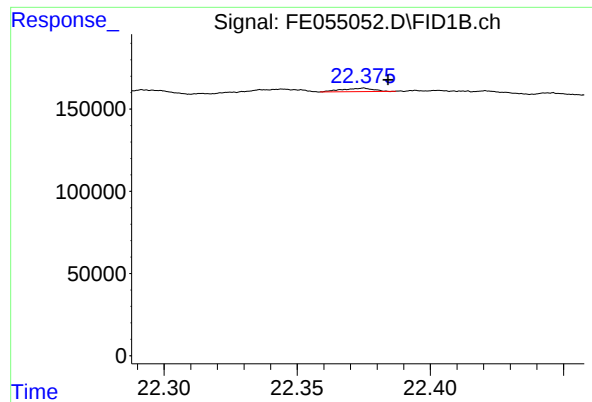
#20 n-Hexatriacontane (C36)

R.T.: 20.617 min
Delta R.T.: 0.007 min
Response: 103193
Conc: 0.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.402 min
Delta R.T.: 0.011 min
Response: 118920
Conc: 1.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.374 min
Delta R.T.: -0.010 min
Response: 16584
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :
FG1B