

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054998.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 20:25
 Operator : YP\AJ
 Sample : Q2676-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-02-07222025

Integration File: autoint1.e
 Quant Time: Jul 24 04:36:33 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			
9) S ortho-Terphenyl (SURR)	12.087	4602698	28.343 ug/ml
Spiked Amount 50.000		Recovery =	56.69%
12) S 1-chlorooctadecane (S...	13.523	3648933	28.892 ug/ml
Spiked Amount 50.000		Recovery =	57.78%
Target Compounds			
10) T n-Eicosane (C20)	13.071	36476	0.254 ug/ml
11) T n-Heneicosane (C21)	13.688	23580	0.165 ug/ml
13) T n-Docosane (C22)	14.275	26079	0.183 ug/ml
14) T n-Tetracosane (C24)	15.375	88156	0.606 ug/ml
15) T n-Hexacosane (C26)	16.405	52596	0.363 ug/ml
16) T n-Octacosane (C28)	17.357	100789	0.692 ug/ml
17) T n-Tricontane (C30)	18.247	175080	1.111 ug/ml
18) T n-Dotriacontane (C32)	19.081	338803	2.094 ug/ml
19) T n-Tetratriacontane (C34)	19.867	198738	1.304 ug/ml
20) T n-Hexatriacontane (C36)	20.607	208711	1.552 ug/ml
21) T n-Octatriacontane (C38)	21.386	277292	2.364 ug/ml
22) T n-Tetracontane (C40)	22.378	140233	1.294 ug/ml

(f)=RT Delta > 1/2 Window

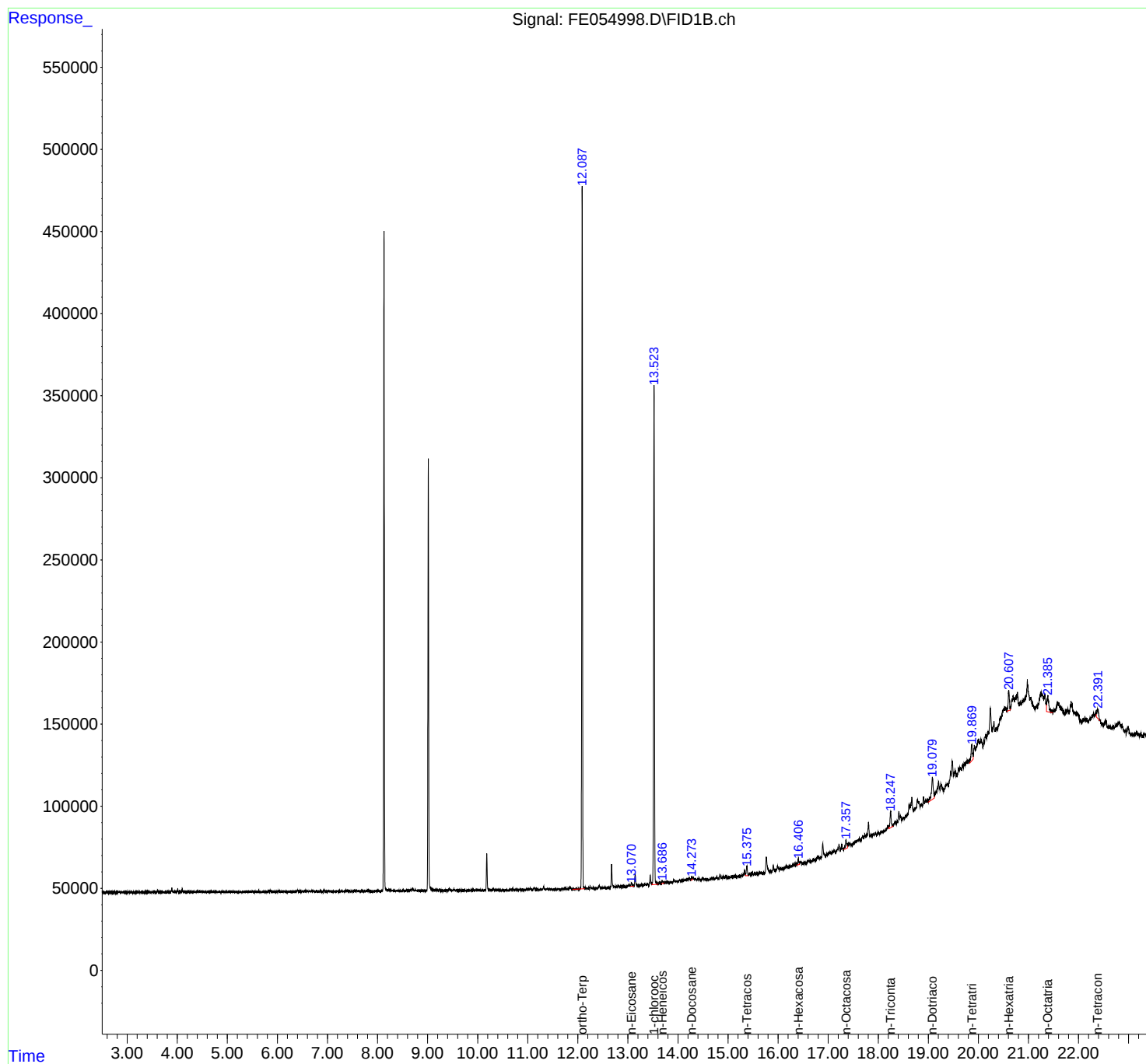
(m)=manual int.

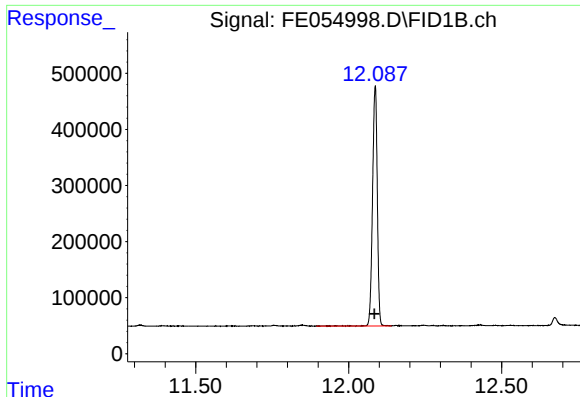
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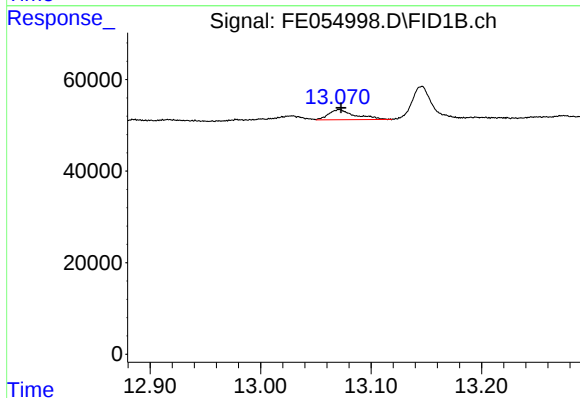




#9 ortho-Terphenyl (SURR)

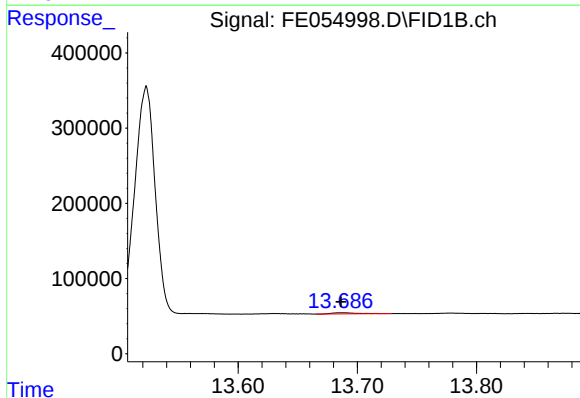
R.T.: 12.087 min
Delta R.T.: 0.002 min
Response: 4602698
Conc: 28.34 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-07222025



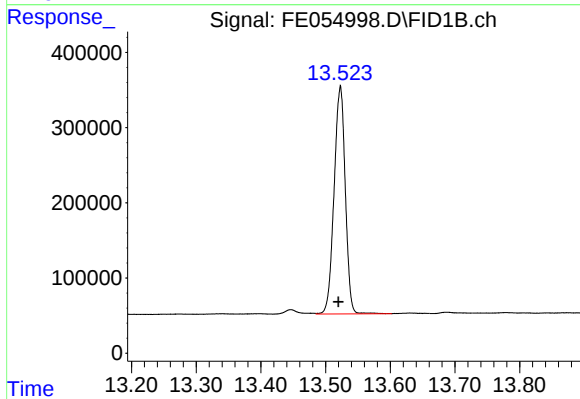
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: -0.002 min
Response: 36476
Conc: 0.25 ug/ml



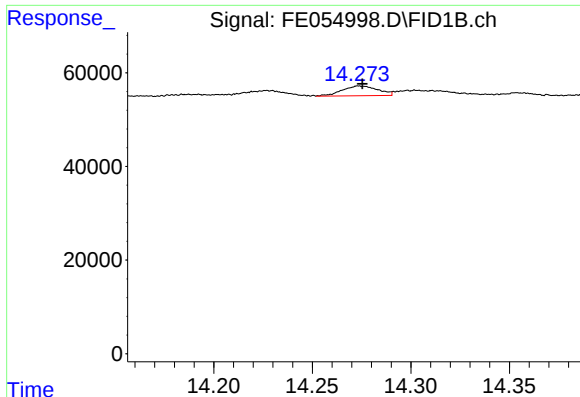
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.001 min
Response: 23580
Conc: 0.17 ug/ml



#12 1-chlorooctadecane (SURR)

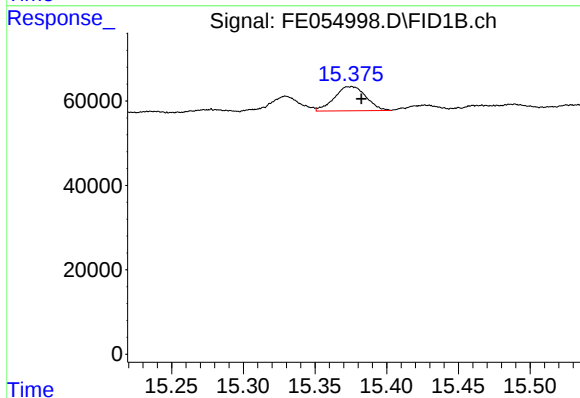
R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 3648933
Conc: 28.89 ug/ml



#13 n-Docosane (C22)

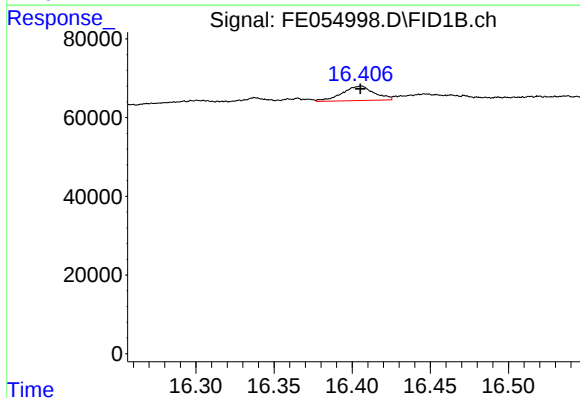
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 26079
Conc: 0.18 ug/ml

Instrument :
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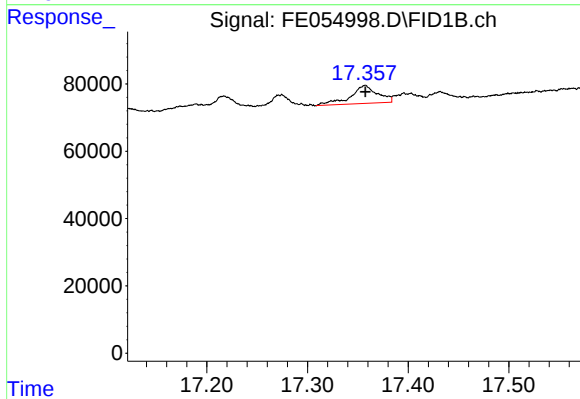
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: -0.007 min
Response: 88156
Conc: 0.61 ug/ml



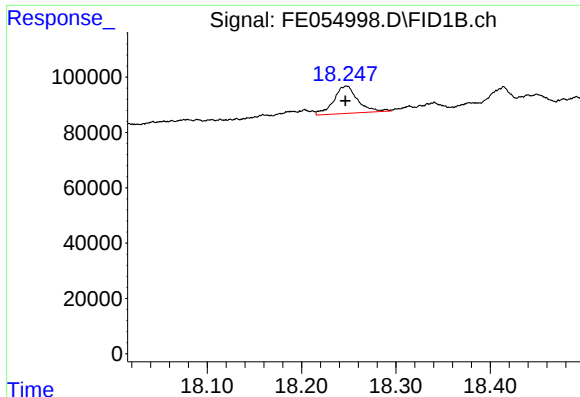
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 52596
Conc: 0.36 ug/ml



#16 n-Octacosane (C28)

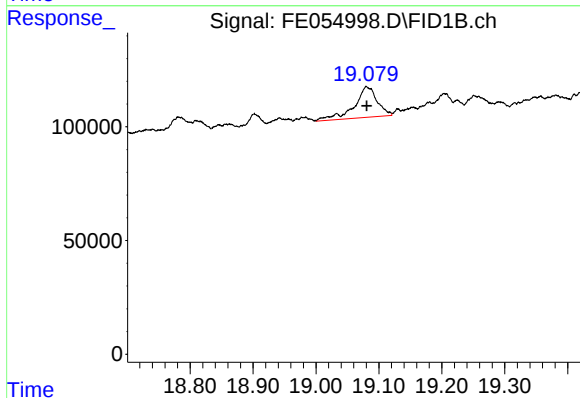
R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 100789
Conc: 0.69 ug/ml



#17 n-Tricontane (C30)

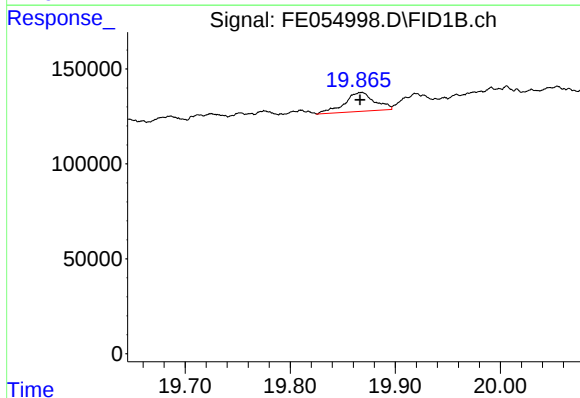
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 175080
Conc: 1.11 ug/ml

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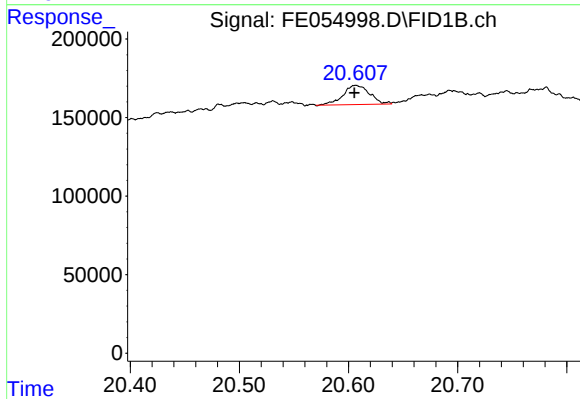
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 338803
Conc: 2.09 ug/ml



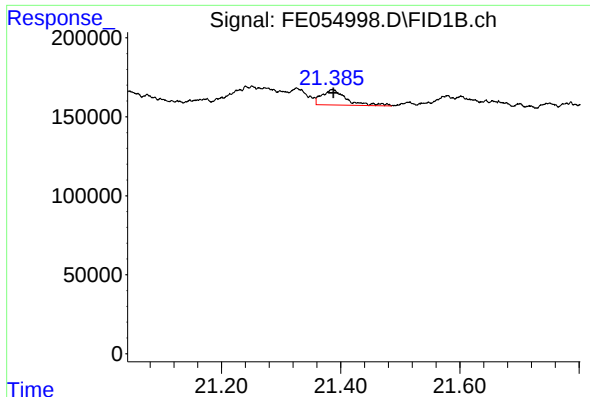
#19 n-Tetratriacontane (C34)

R.T.: 19.867 min
Delta R.T.: 0.000 min
Response: 198738
Conc: 1.30 ug/ml



#20 n-Hexatriacontane (C36)

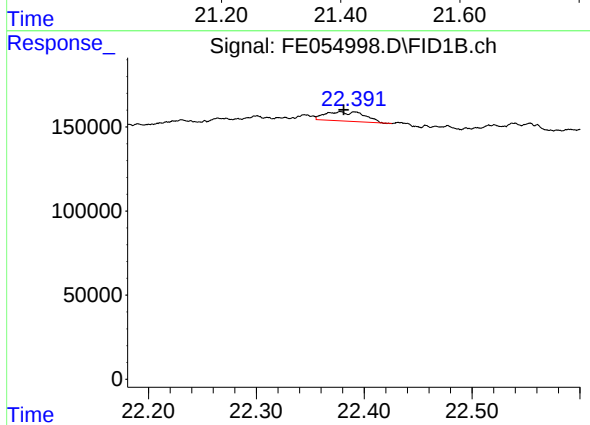
R.T.: 20.607 min
Delta R.T.: 0.001 min
Response: 208711
Conc: 1.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.001 min
Response: 277292
Conc: 2.36 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-02-07222025



#22 n-Tetracontane (C40)

R.T.: 22.378 min
Delta R.T.: -0.003 min
Response: 140233
Conc: 1.29 ug/ml