

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
Data File : FE055005.D
Signal(s) : FID1B.ch
Acq On : 24 Jul 2025 00:27
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 24 04:39:11 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				
Target Compounds				
14) T	n-Tetracosane (C24)	15.384	25554	0.176 ug/ml
15) T	n-Hexacosane (C26)	16.409	39293	0.272 ug/ml
16) T	n-Octacosane (C28)	17.361	34681	0.238 ug/ml
17) T	n-Tricontane (C30)	18.251	104644	0.664 ug/ml
18) T	n-Dotriacontane (C32)	19.085	416575	2.575 ug/ml
19) T	n-Tetratriacontane (C34)	19.874	83014	0.545 ug/ml
20) T	n-Hexatriacontane (C36)	20.614	122476	0.911 ug/ml
21) T	n-Octatriacontane (C38)	21.406	881525	7.516 ug/ml
22) T	n-Tetracontane (C40)	22.368	22202	0.205 ug/ml

(f)=RT Delta > 1/2 Window

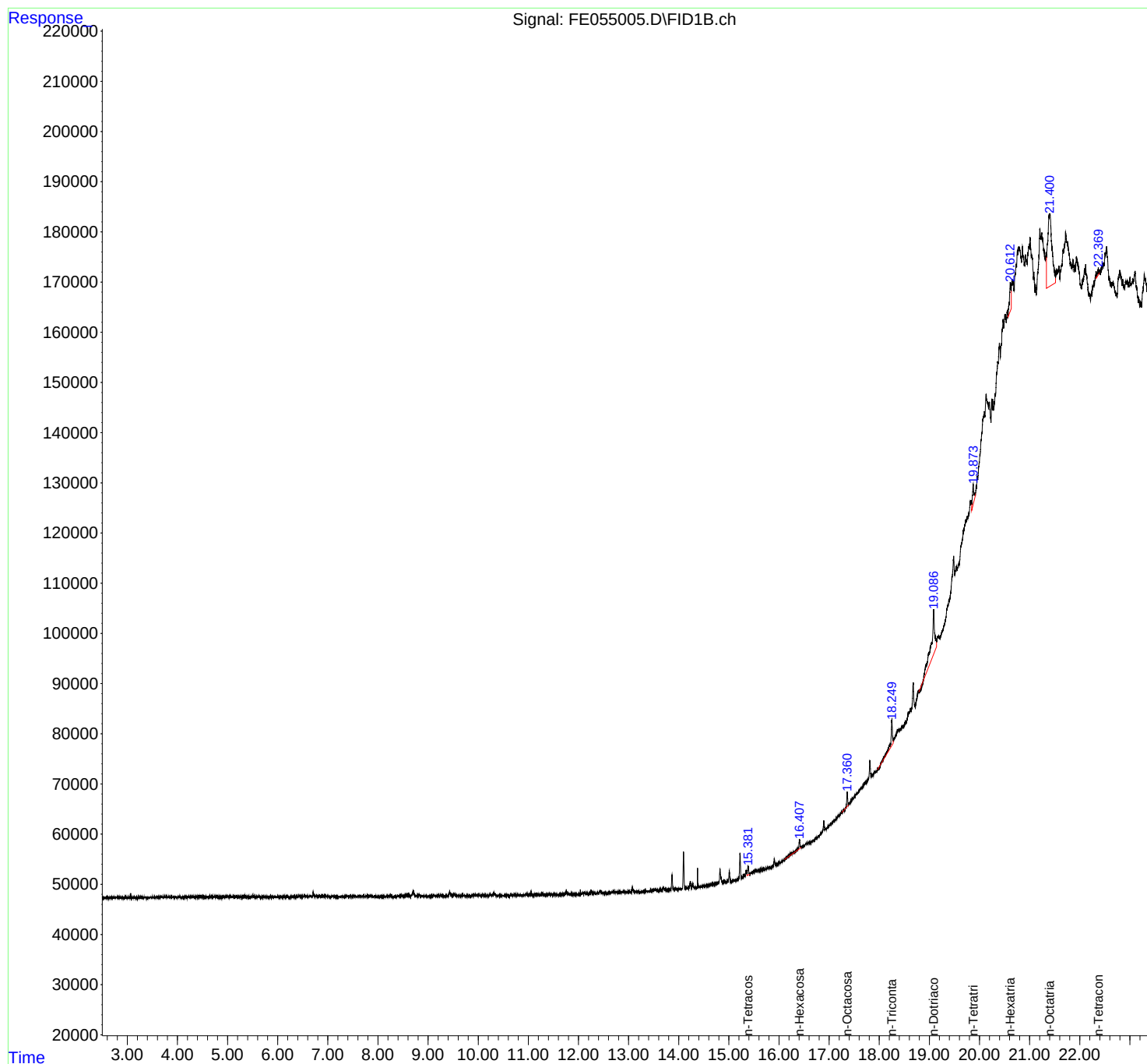
(m)=manual int.

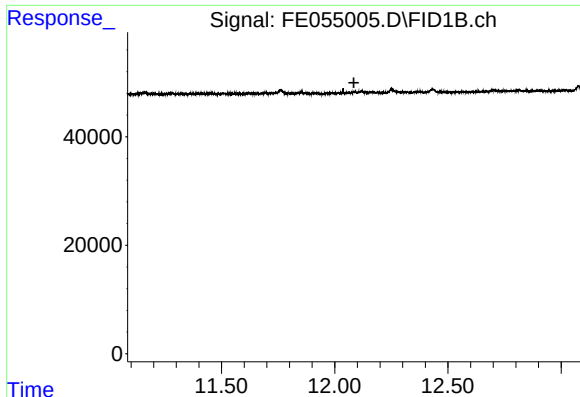
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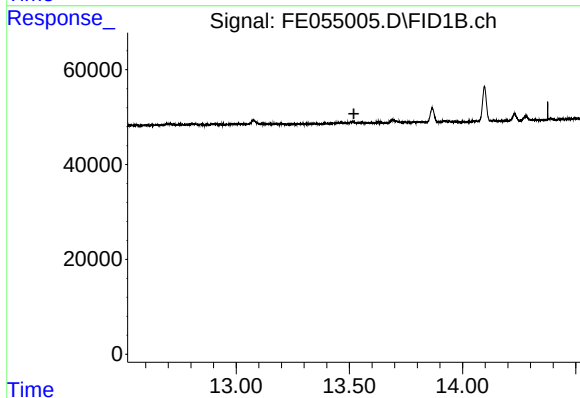




#9 ortho-Terphenyl (SURR)

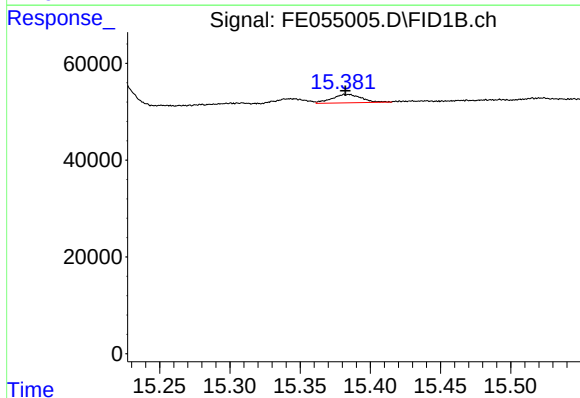
R.T.: 0.000 min
Exp R.T.: 12.085 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



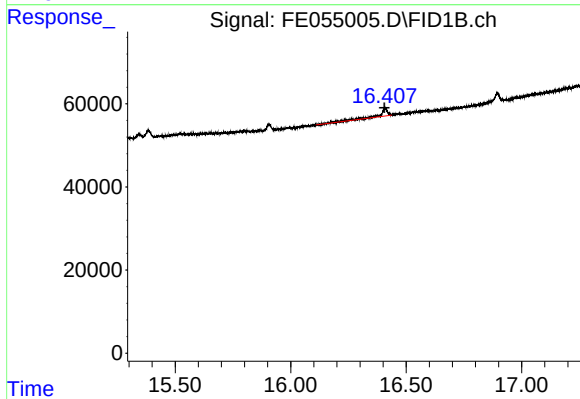
#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.520 min
Response: 0
Conc: N.D.



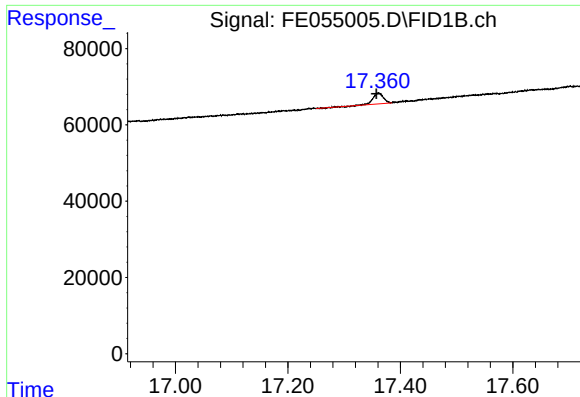
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.001 min
Response: 25554
Conc: 0.18 ug/ml



#15 n-Hexacosane (C26)

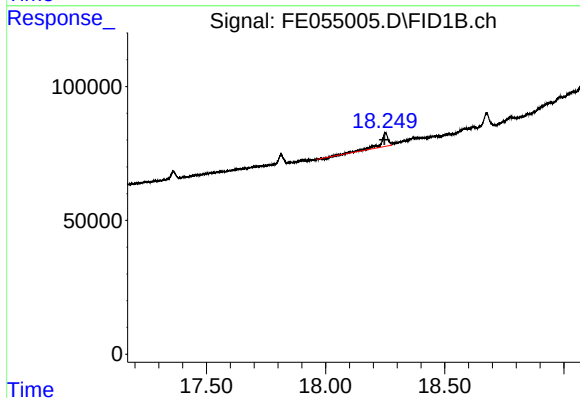
R.T.: 16.409 min
Delta R.T.: 0.003 min
Response: 39293
Conc: 0.27 ug/ml



#16 n-Octacosane (C28)

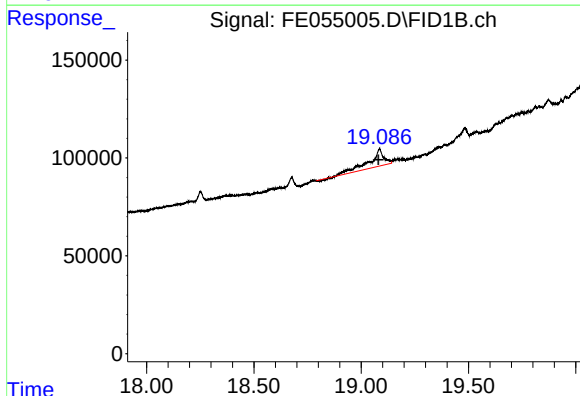
R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 34681
Conc: 0.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



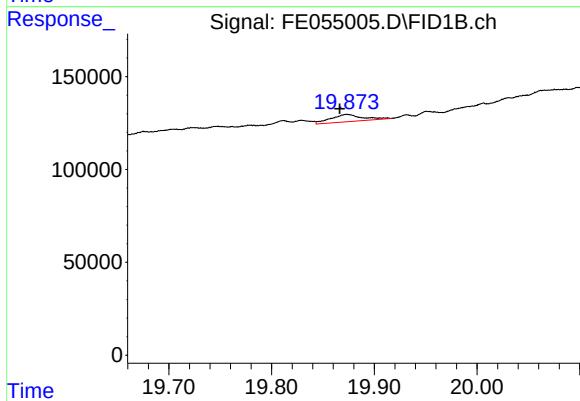
#17 n-Tricontane (C30)

R.T.: 18.251 min
Delta R.T.: 0.004 min
Response: 104644
Conc: 0.66 ug/ml



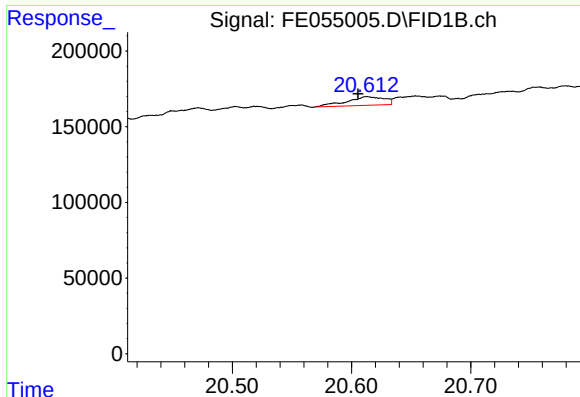
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 416575
Conc: 2.57 ug/ml



#19 n-Tetratriacontane (C34)

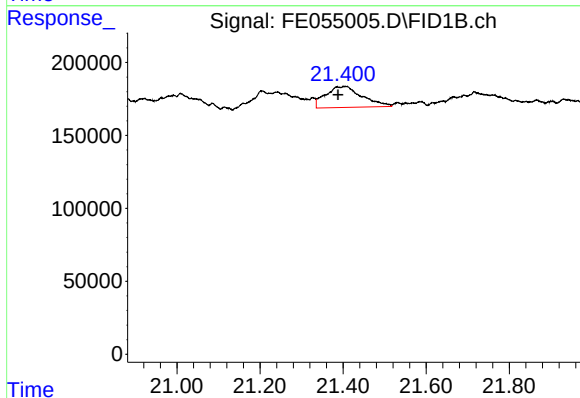
R.T.: 19.874 min
Delta R.T.: 0.007 min
Response: 83014
Conc: 0.54 ug/ml



#20 n-Hexatriacontane (C36)

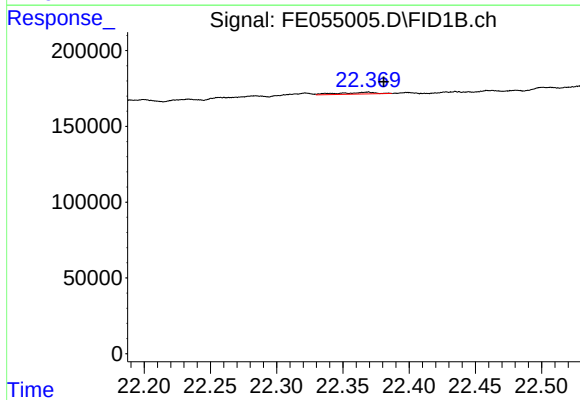
R.T.: 20.614 min
Delta R.T.: 0.008 min
Response: 122476
Conc: 0.91 ug/ml

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#21 n-Octatriacontane (C38)

R.T.: 21.406 min
Delta R.T.: 0.018 min
Response: 881525
Conc: 7.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: -0.012 min
Response: 22202
Conc: 0.20 ug/ml