

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054108.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 20:04
 Operator : YP\AJ
 Sample : Q2153-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-0592025-E2

Integration File: autoint1.e
 Quant Time: May 30 22:58:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.841	4820208	29.661 ug/ml
Spiked Amount 50.000		Recovery =	59.32%
12) S 1-chlorooctadecane (S...	13.285	3821194	32.233 ug/ml
Spiked Amount 50.000		Recovery =	64.47%
Target Compounds			
7) T n-Hexadecane (C16)	10.079	29928	0.222 ug/ml
8) T n-Octadecane (C18)	11.525	18152	0.135 ug/ml
10) T n-Eicosane (C20)	12.838	53204	0.405 ug/ml
11) T n-Heneicosane (C21)	13.453	10935	0.084 ug/ml
13) T n-Docosane (C22)	14.040	42009	0.329 ug/ml
14) T n-Tetracosane (C24)	15.142	147608	1.180 ug/ml
15) T n-Hexacosane (C26)	16.172	69401	0.567 ug/ml
16) T n-Octacosane (C28)	17.133	88164	0.725 ug/ml
17) T n-Tricontane (C30)	18.011	345742	2.776 ug/ml
18) T n-Dotriacontane (C32)	18.845	154227	1.233 ug/ml
19) T n-Tetratriacontane (C34)	19.648	244926	2.056 ug/ml
20) T n-Hexatriacontane (C36)	20.376	256468	2.215 ug/ml
21) T n-Octatriacontane (C38)	21.105	230502	2.118 ug/ml
22) T n-Tetracontane (C40)	21.998	99314	1.001 ug/ml

(f)=RT Delta > 1/2 Window

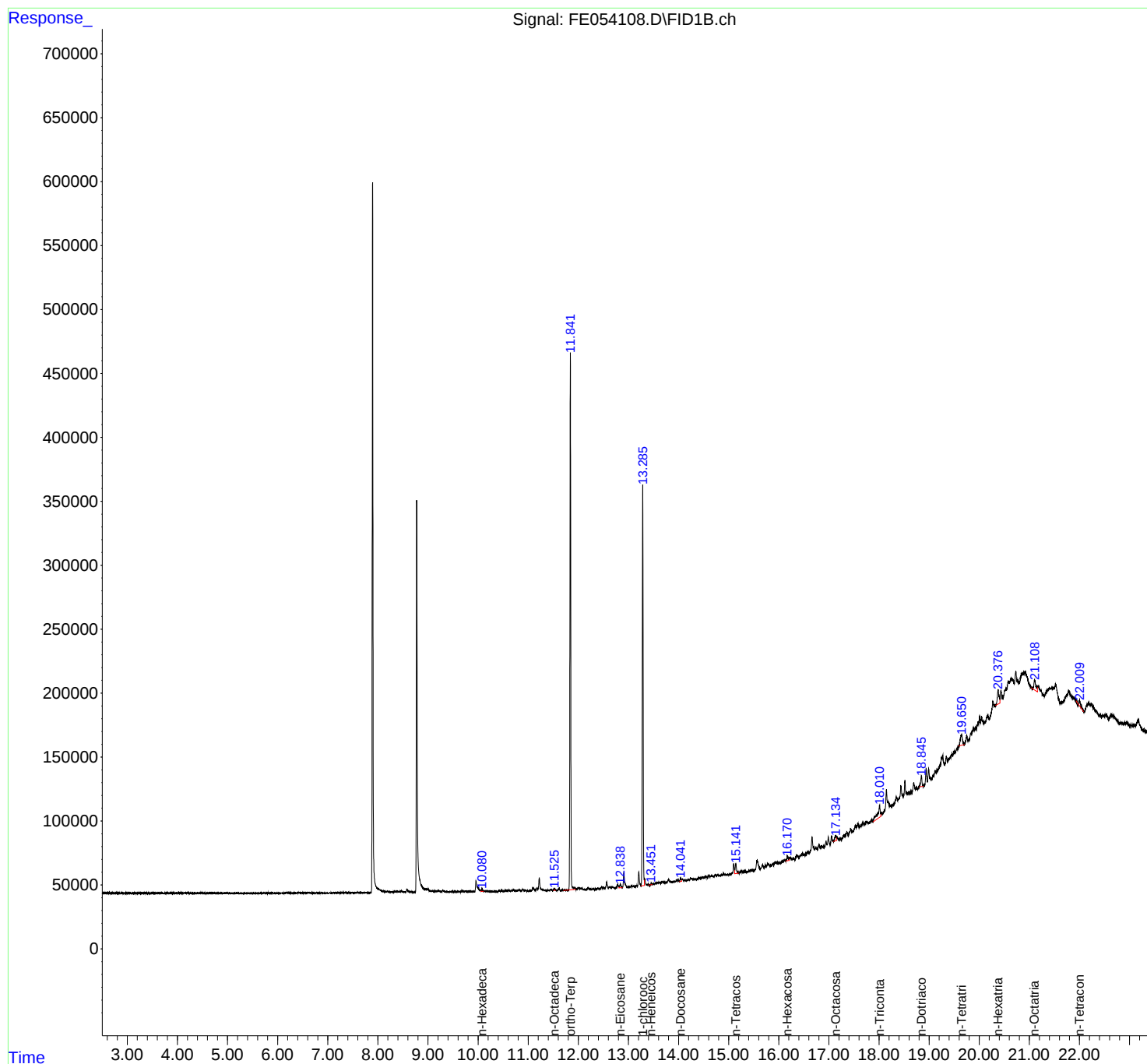
(m)=manual int.

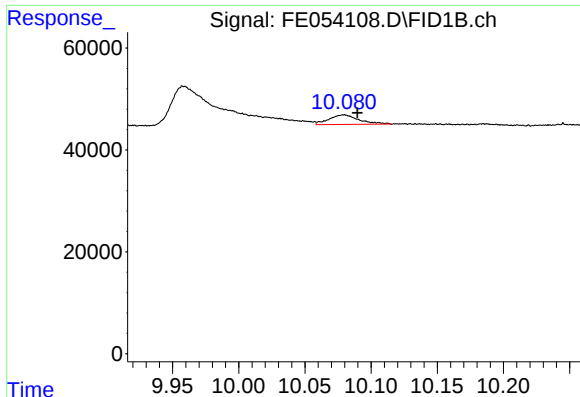
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
Data File : FE054108.D
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

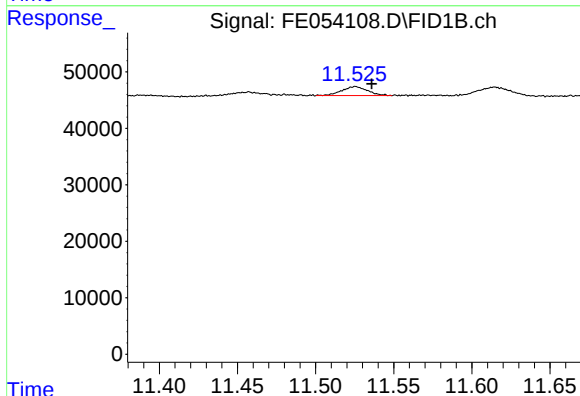




#7 n-Hexadecane (C16)

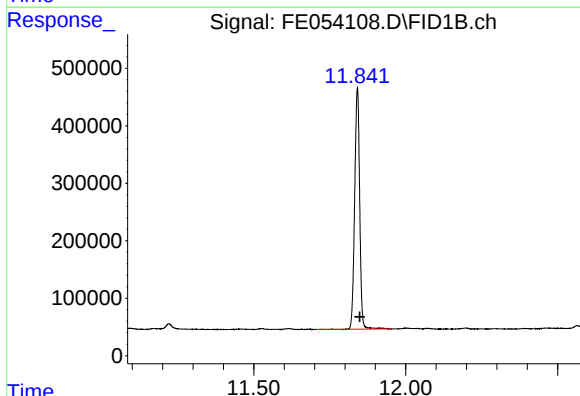
R.T.: 10.079 min
Delta R.T.: -0.010 min
Response: 29928
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-04-0592025-E2



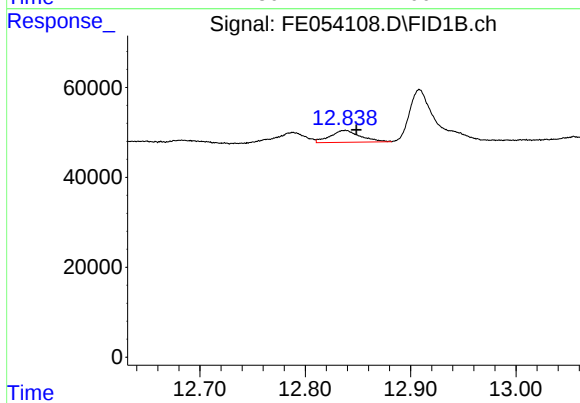
#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.010 min
Response: 18152
Conc: 0.13 ug/ml



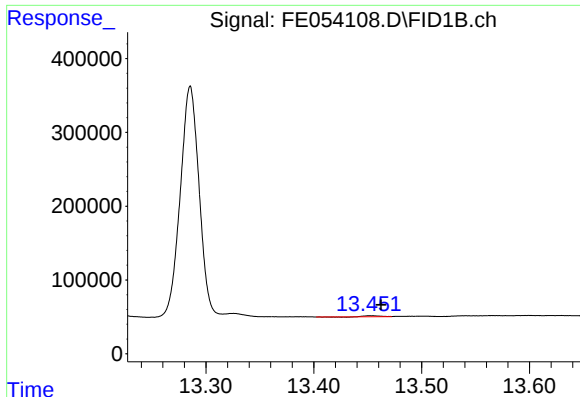
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.008 min
Response: 4820208
Conc: 29.66 ug/ml



#10 n-Eicosane (C20)

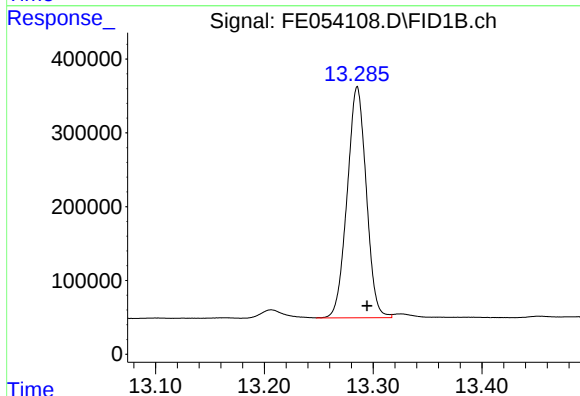
R.T.: 12.838 min
Delta R.T.: -0.011 min
Response: 53204
Conc: 0.40 ug/ml



#11 n-Heneicosane (C21)

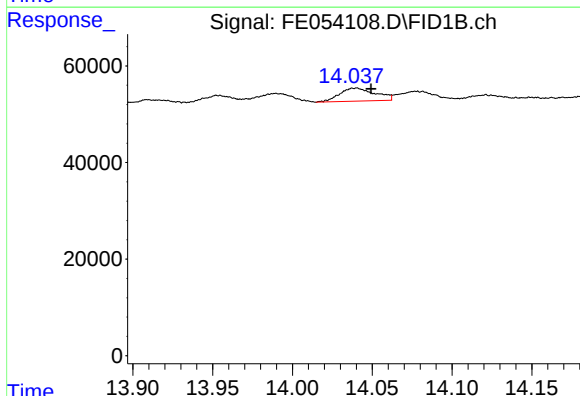
R.T.: 13.453 min
Delta R.T.: -0.009 min
Response: 10935
Conc: 0.08 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-04-0592025-E2



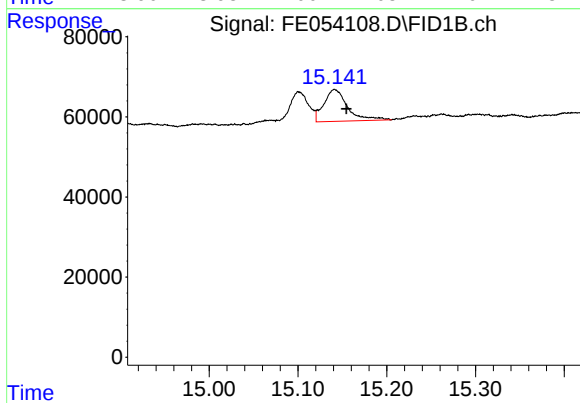
#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.009 min
Response: 3821194
Conc: 32.23 ug/ml



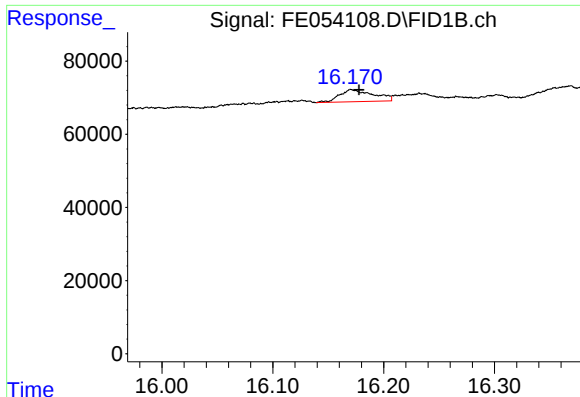
#13 n-Docosane (C22)

R.T.: 14.040 min
Delta R.T.: -0.010 min
Response: 42009
Conc: 0.33 ug/ml



#14 n-Tetracosane (C24)

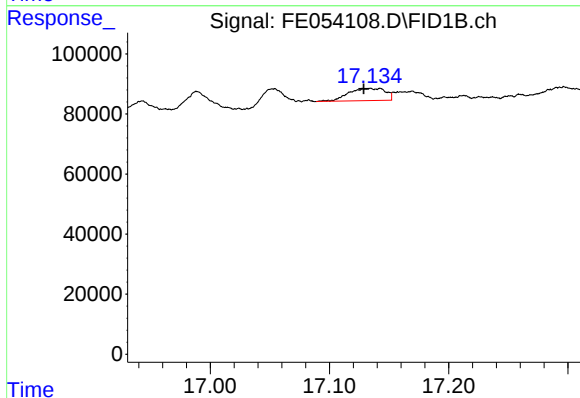
R.T.: 15.142 min
Delta R.T.: -0.013 min
Response: 147608
Conc: 1.18 ug/ml



#15 n-Hexacosane (C26)

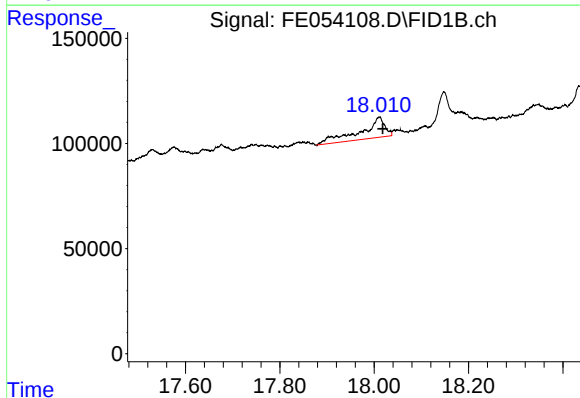
R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 69401
Conc: 0.57 ug/ml

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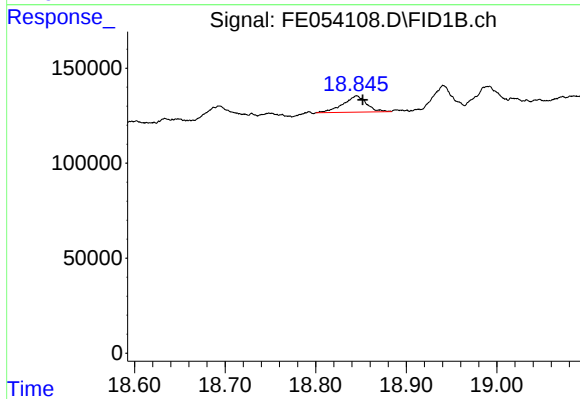
#16 n-Octacosane (C28)

R.T.: 17.133 min
Delta R.T.: 0.004 min
Response: 88164
Conc: 0.73 ug/ml



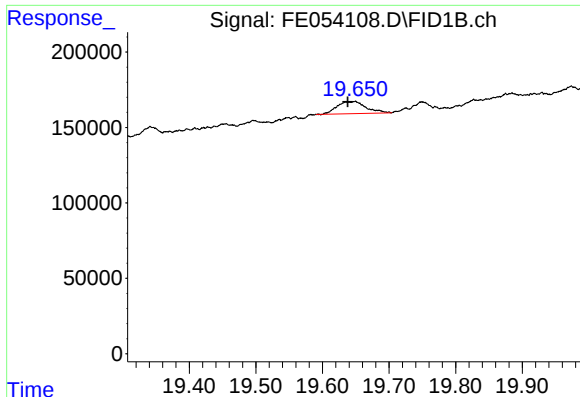
#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: -0.007 min
Response: 345742
Conc: 2.78 ug/ml



#18 n-Dotriacontane (C32)

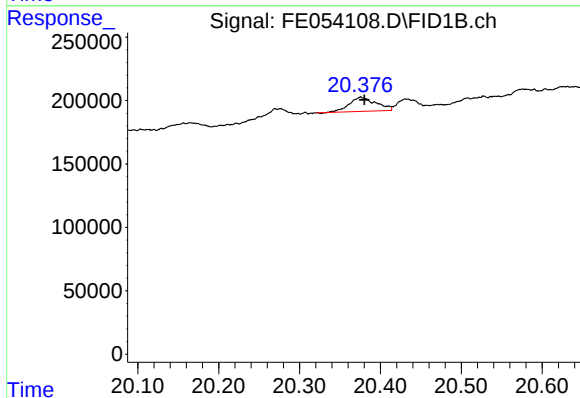
R.T.: 18.845 min
Delta R.T.: -0.007 min
Response: 154227
Conc: 1.23 ug/ml



#19 n-Tetratriacontane (C34)

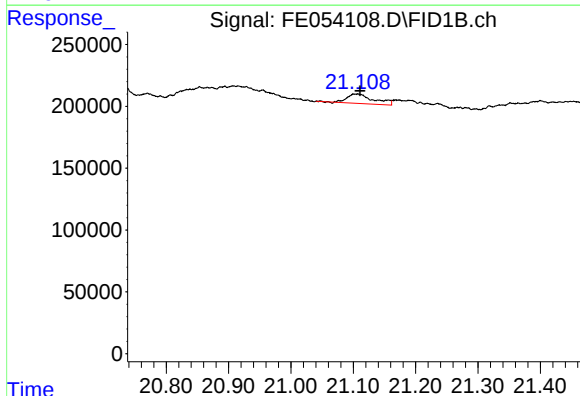
R.T.: 19.648 min
Delta R.T.: 0.010 min
Response: 244926
Conc: 2.06 ug/ml

Instrument :
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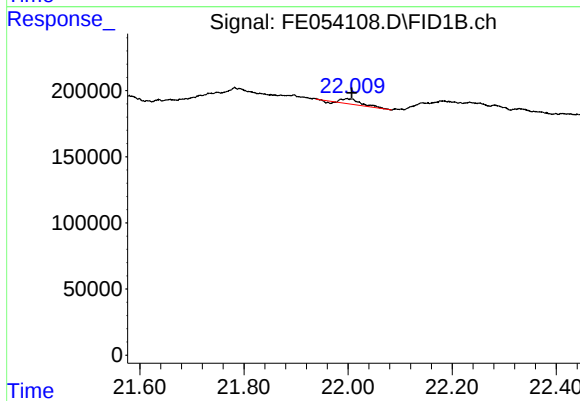
#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.004 min
Response: 256468
Conc: 2.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.006 min
Response: 230502
Conc: 2.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.009 min
Response: 99314
Conc: 1.00 ug/ml