

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054107.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 19:33
 Operator : YP\AJ
 Sample : Q2153-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-0592025

Integration File: autoint1.e
 Quant Time: May 30 22:58:28 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)	11.840	4638965	28.545 ug/ml
Spiked Amount 50.000		Recovery =	57.09%
12) S 1-chlorooctadecane (S...	13.285	3710769	31.301 ug/ml
Spiked Amount 50.000		Recovery =	62.60%
Target Compounds			
7) T n-Hexadecane (C16)	10.078	37823	0.280 ug/ml
8) T n-Octadecane (C18)	11.524	23221	0.172 ug/ml
10) T n-Eicosane (C20)	12.837	70506	0.536 ug/ml
11) T n-Heneicosane (C21)	13.453	1657	0.013 ug/ml
13) T n-Docosane (C22)	14.039	49250	0.386 ug/ml
14) T n-Tetracosane (C24)	15.139	199342	1.593 ug/ml
15) T n-Hexacosane (C26)	16.172	60229	0.492 ug/ml
16) T n-Octacosane (C28)	17.138	121179	0.997 ug/ml
17) T n-Tricontane (C30)	18.008	381645	3.064 ug/ml
18) T n-Dotriacontane (C32)	18.844	208908	1.671 ug/ml
19) T n-Tetratriacontane (C34)	19.633	287704	2.415 ug/ml
20) T n-Hexatriacontane (C36)	20.377	215877	1.864 ug/ml
21) T n-Octatriacontane (C38)	21.104	211962	1.948 ug/ml
22) T n-Tetracontane (C40)	22.002	152585	1.538 ug/ml

(f)=RT Delta > 1/2 Window

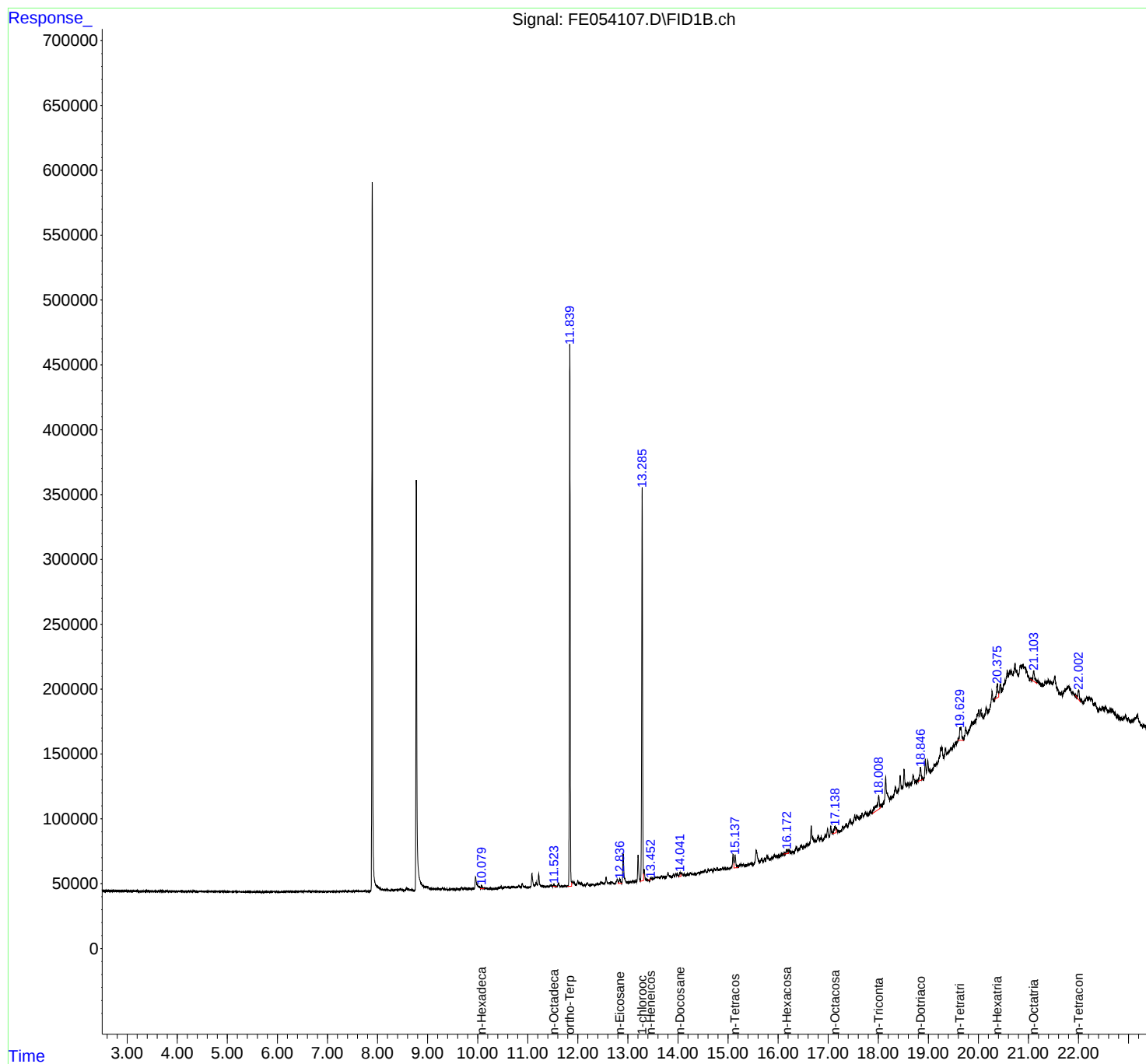
(m)=manual int.

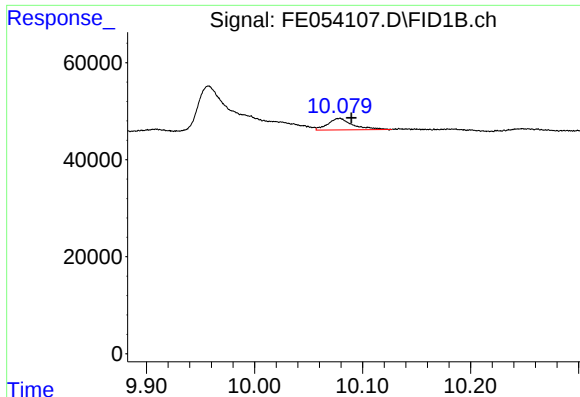
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
Data File : FE054107.D
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

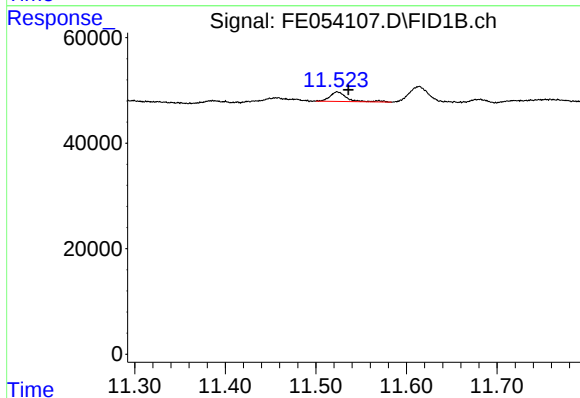




#7 n-Hexadecane (C16)

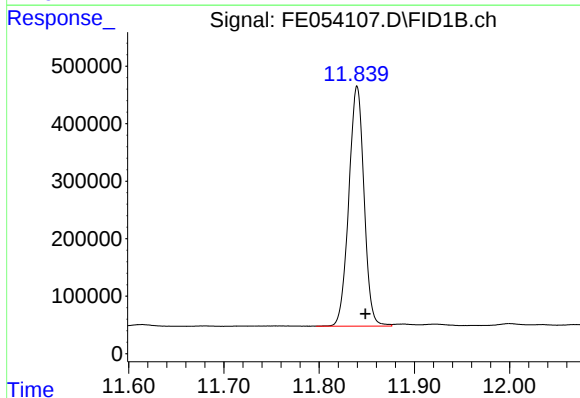
R.T.: 10.078 min
Delta R.T.: -0.011 min
Response: 37823
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-04-0592025



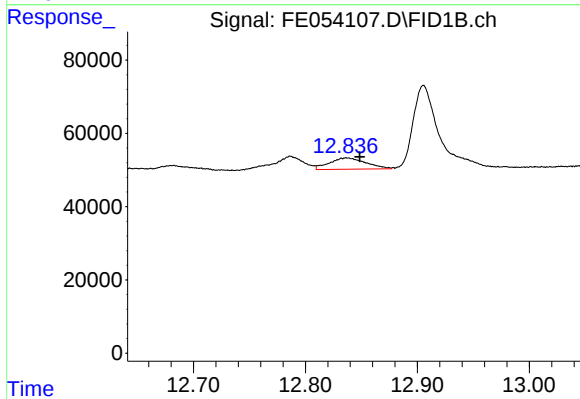
#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.012 min
Response: 23221
Conc: 0.17 ug/ml



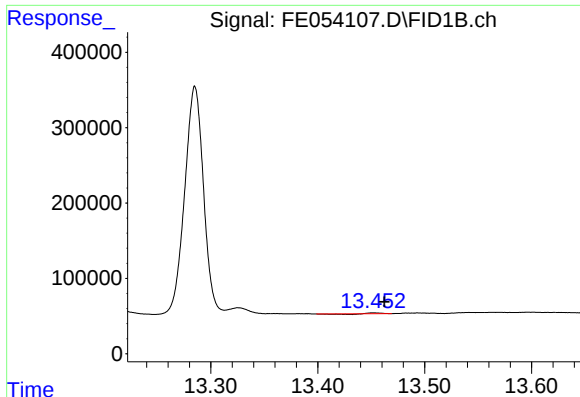
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.009 min
Response: 4638965
Conc: 28.55 ug/ml



#10 n-Eicosane (C20)

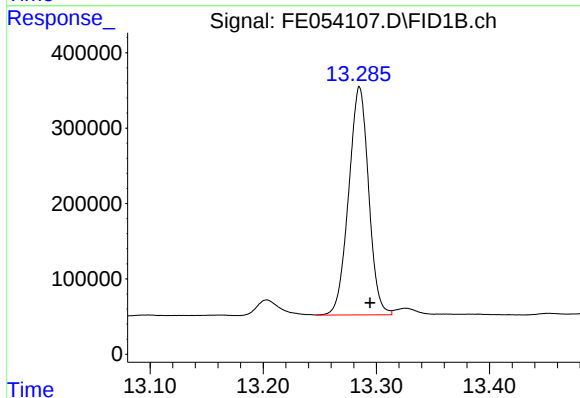
R.T.: 12.837 min
Delta R.T.: -0.012 min
Response: 70506
Conc: 0.54 ug/ml



#11 n-Heneicosane (C21)

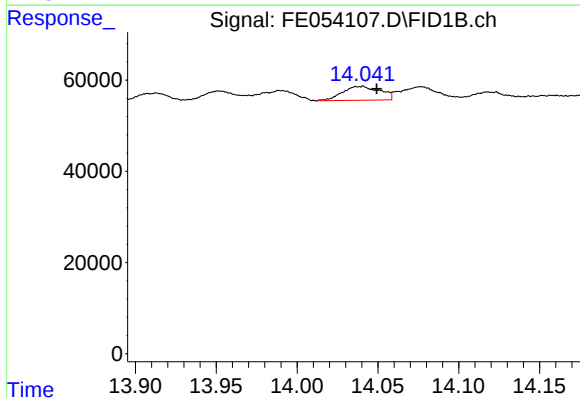
R.T.: 13.453 min
Delta R.T.: -0.010 min
Response: 1657
Conc: 0.01 ug/ml

Instrument :
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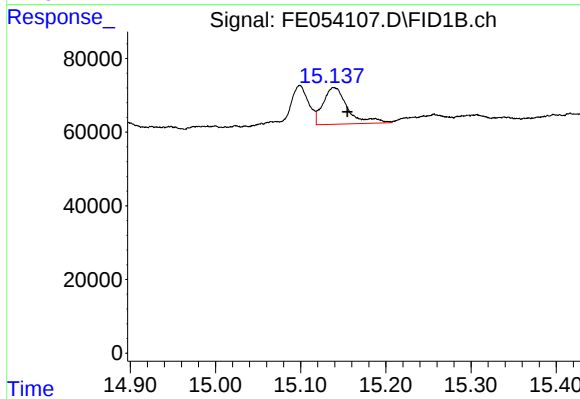
#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.009 min
Response: 3710769
Conc: 31.30 ug/ml



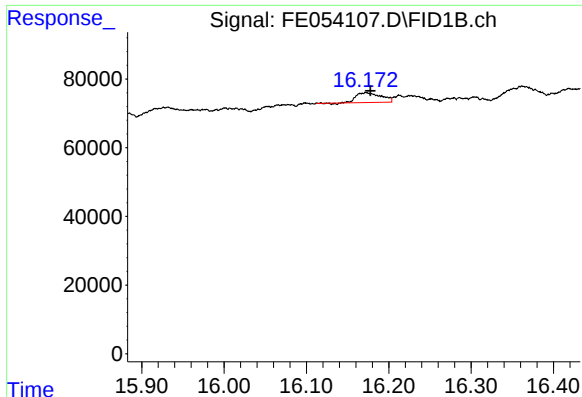
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.010 min
Response: 49250
Conc: 0.39 ug/ml



#14 n-Tetracosane (C24)

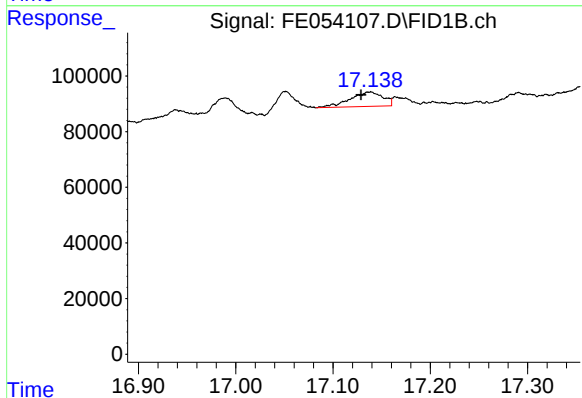
R.T.: 15.139 min
Delta R.T.: -0.015 min
Response: 199342
Conc: 1.59 ug/ml



#15 n-Hexacosane (C26)

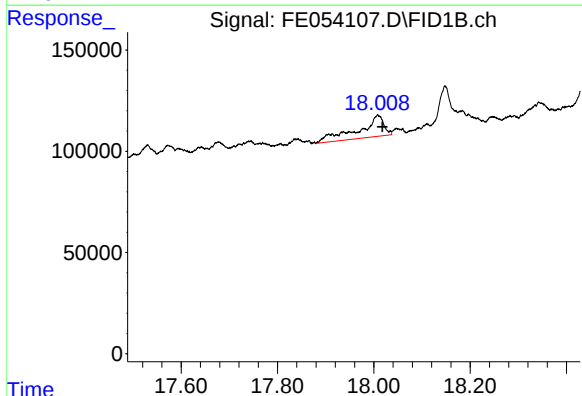
R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 60229
Conc: 0.49 ug/ml

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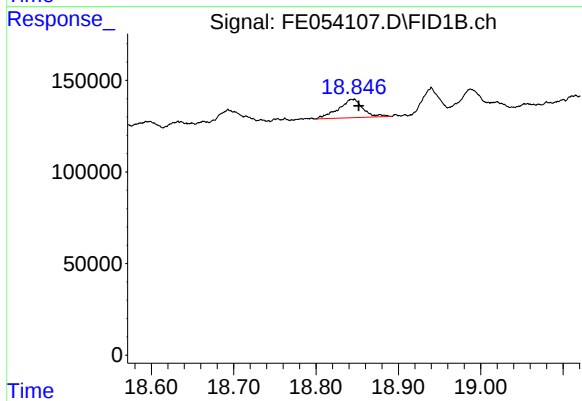
#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.009 min
Response: 121179
Conc: 1.00 ug/ml



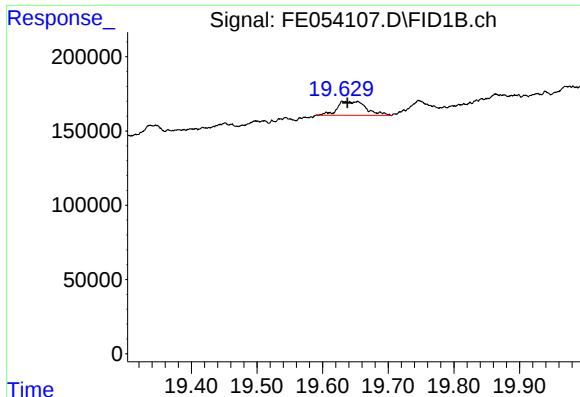
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.010 min
Response: 381645
Conc: 3.06 ug/ml



#18 n-Dotriacontane (C32)

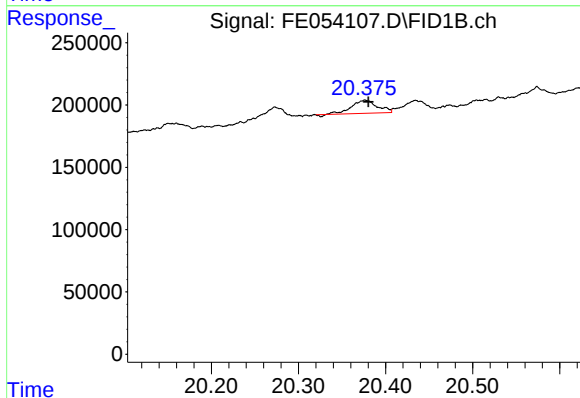
R.T.: 18.844 min
Delta R.T.: -0.008 min
Response: 208908
Conc: 1.67 ug/ml



#19 n-Tetratriacontane (C34)

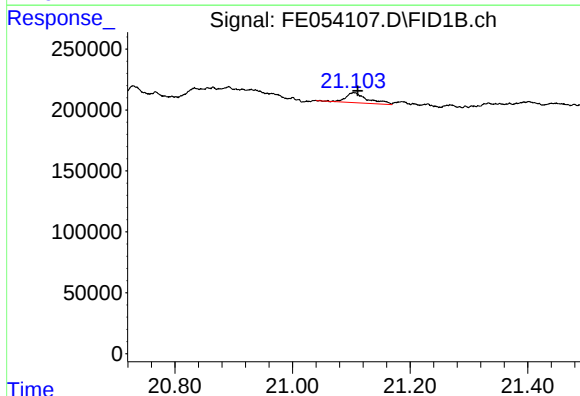
R.T.: 19.633 min
Delta R.T.: -0.005 min
Response: 287704
Conc: 2.42 ug/ml

Instrument :
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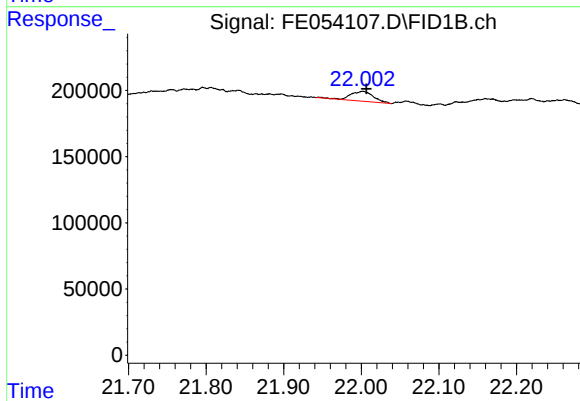
#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.004 min
Response: 215877
Conc: 1.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.007 min
Response: 211962
Conc: 1.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: -0.005 min
Response: 152585
Conc: 1.54 ug/ml