

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
 Data File : FE053373.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 16:11
 Operator : YP\AJ
 Sample : Q1806-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-041425-E2

Integration File: autoint1.e
 Quant Time: Apr 15 22:33:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.896	4958050	30.439 ug/ml
Spiked Amount 50.000		Recovery =	60.88%
12) S 1-chlorooctadecane (S...	13.344	7302236	60.829 ug/ml
Spiked Amount 50.000		Recovery =	121.66%
Target Compounds			
7) T n-Hexadecane (C16)	10.139	301094	1.953 ug/ml
10) T n-Eicosane (C20)	12.884	703840	4.937 ug/ml
11) T n-Heneicosane (C21)	13.529	1214932	8.755 ug/ml
13) T n-Docosane (C22)	14.131	2299266	16.788 ug/ml
14) T n-Tetracosane (C24)	15.201	7547240	55.881 ug/ml
15) T n-Hexacosane (C26)	16.213	383940	2.878 ug/ml
16) T n-Octacosane (C28)	17.208	2189747	16.593 ug/ml
17) T n-Tricontane (C30)	18.074	677830	5.001 ug/ml
18) T n-Dotriacontane (C32)	18.884	525346	3.904 ug/ml
19) T n-Tetratriacontane (C34)	19.726	143077	1.106 ug/ml

(f)=RT Delta > 1/2 Window

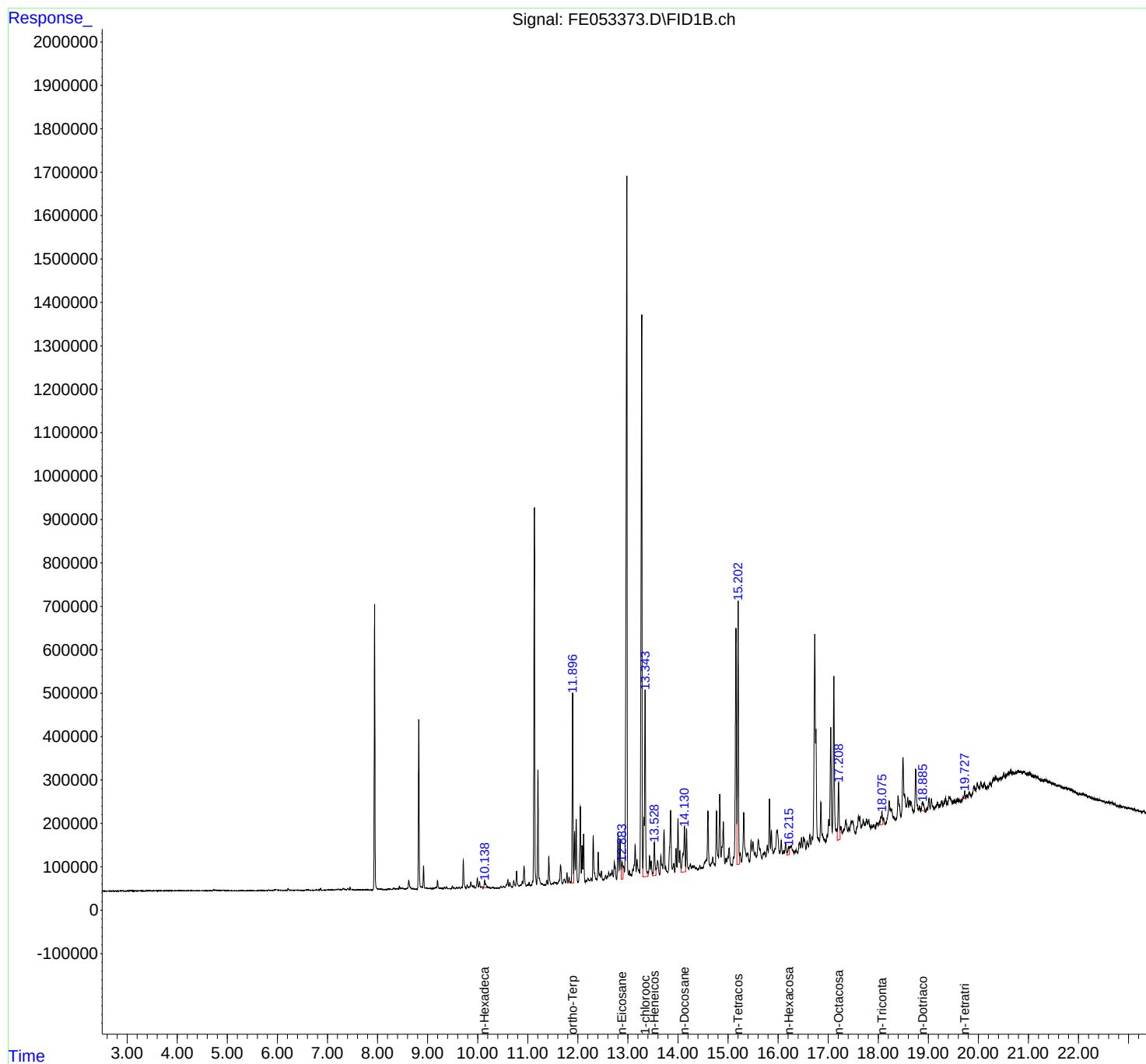
(m)=manual int.

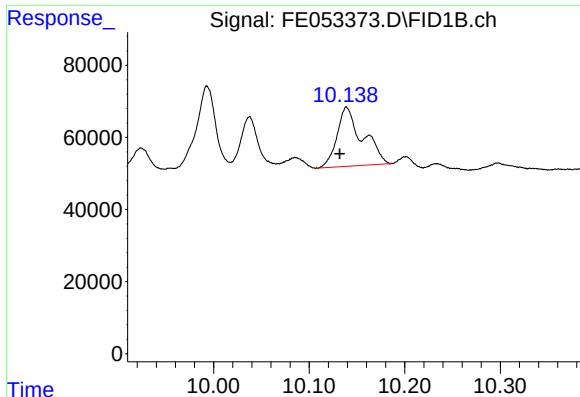
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

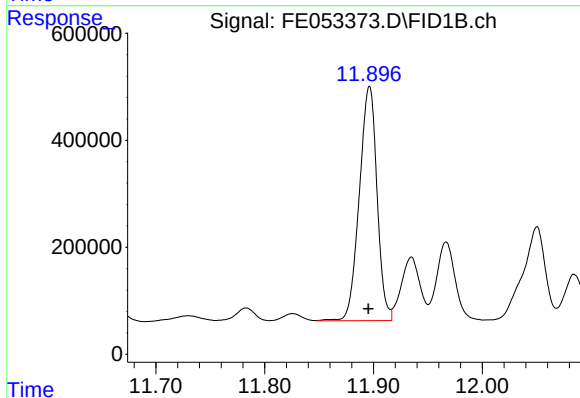




#7 n-Hexadecane (C16)

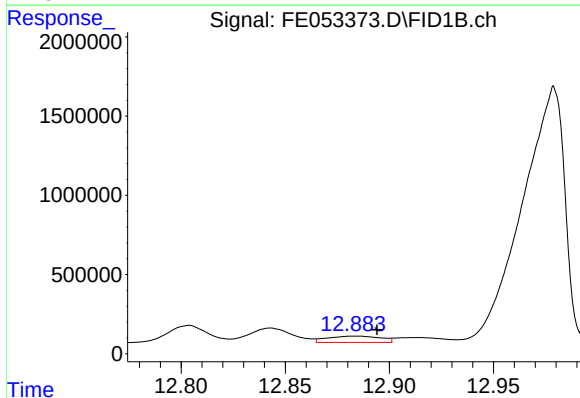
R.T.: 10.139 min
Delta R.T.: 0.007 min
Response: 301094
Conc: 1.95 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-03-041425-E2



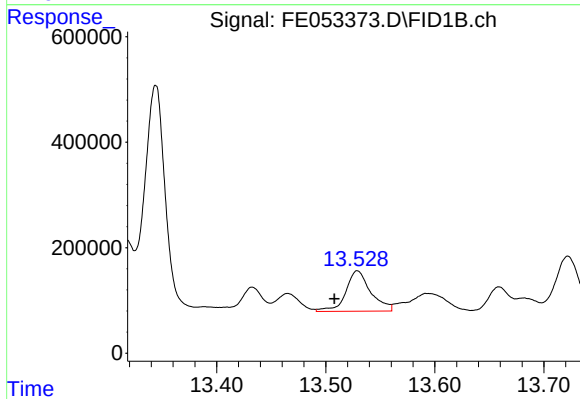
#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 4958050
Conc: 30.44 ug/ml



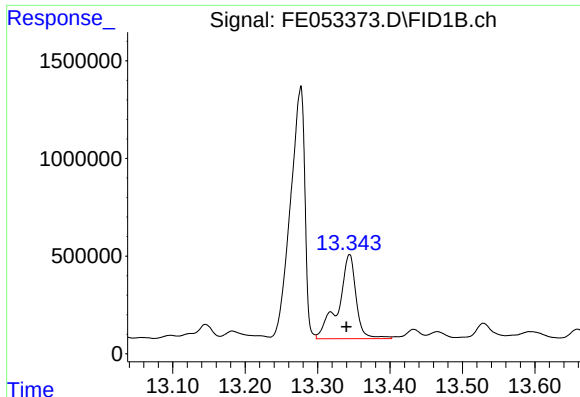
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.010 min
Response: 703840
Conc: 4.94 ug/ml



#11 n-Heneicosane (C21)

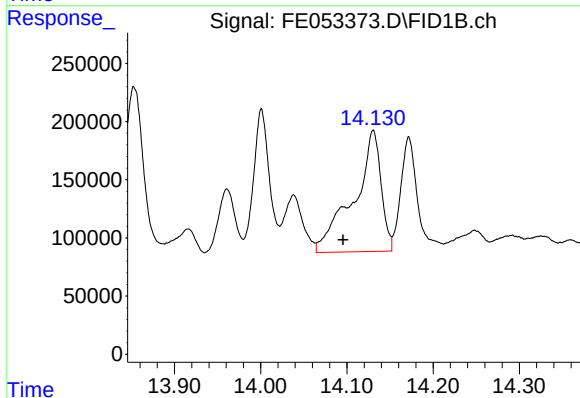
R.T.: 13.529 min
Delta R.T.: 0.021 min
Response: 1214932
Conc: 8.76 ug/ml



#12 1-chlorooctadecane (SURR)

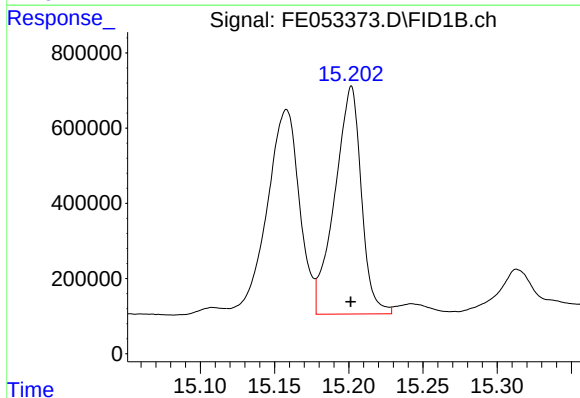
R.T.: 13.344 min
Delta R.T.: 0.004 min
Response: 7302236
Conc: 60.83 ug/ml

Instrument :
FID_E
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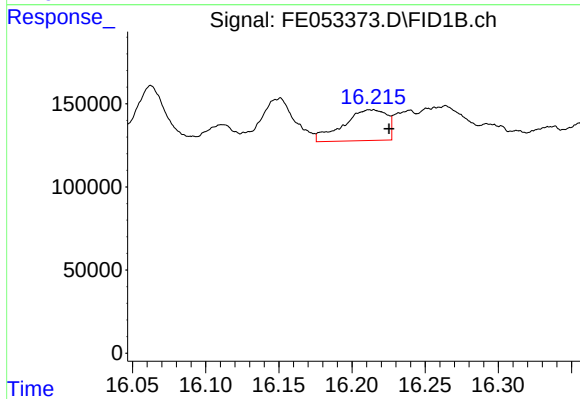
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: 0.035 min
Response: 2299266
Conc: 16.79 ug/ml



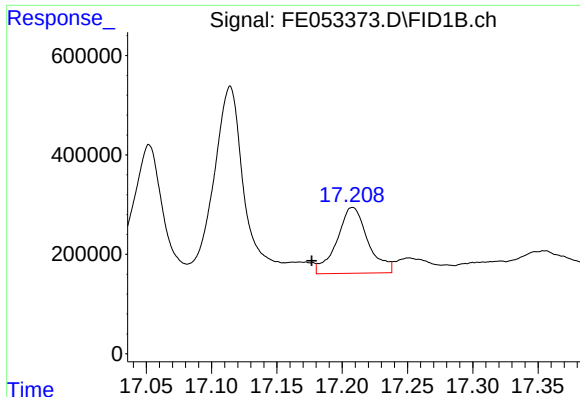
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 7547240
Conc: 55.88 ug/ml



#15 n-Hexacosane (C26)

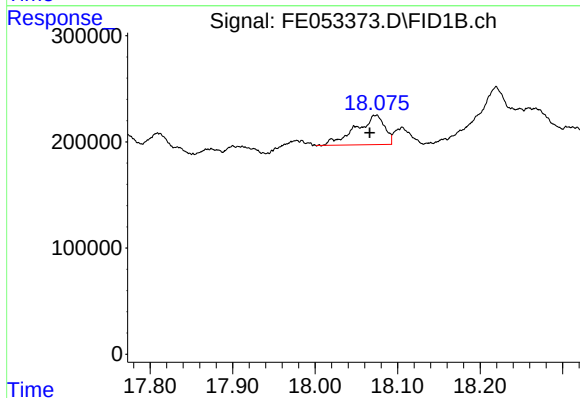
R.T.: 16.213 min
Delta R.T.: -0.012 min
Response: 383940
Conc: 2.88 ug/ml



#16 n-Octacosane (C28)

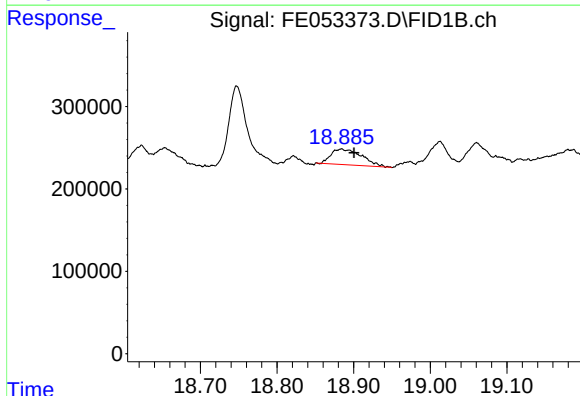
R.T.: 17.208 min
Delta R.T.: 0.031 min
Response: 2189747
Conc: 16.59 ug/ml

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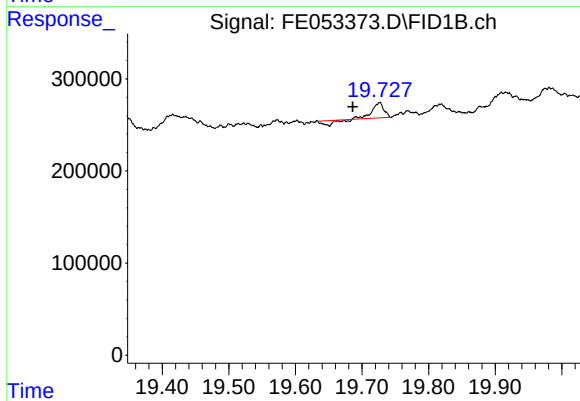
#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: 0.007 min
Response: 677830
Conc: 5.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: -0.017 min
Response: 525346
Conc: 3.90 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.040 min
Response: 143077
Conc: 1.11 ug/ml