

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041525AL\
 Data File : FE053360.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2025 09:08
 Operator : YP\AJ
 Sample : Q1788-02DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-1-EPHDL

Integration File: autoint1.e
 Quant Time: Apr 15 22:29:58 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)	11.897	2779439	17.064 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
12) S 1-chlorooctadecane (S...	13.344	3555681	29.620 ug/ml
Spiked Amount 50.000		Recovery =	59.24%
Target Compounds			
10) T n-Eicosane (C20)	12.884	240901	1.690 ug/ml
11) T n-Heneicosane (C21)	13.531	453774	3.270 ug/ml
13) T n-Docosane (C22)	14.130	725900	5.300 ug/ml
14) T n-Tetracosane (C24)	15.194	3279883	24.285 ug/ml
15) T n-Hexacosane (C26)	16.232	292826	2.195 ug/ml
16) T n-Octacosane (C28)	17.203	821075	6.222 ug/ml
17) T n-Tricontane (C30)	18.074	292640	2.159 ug/ml
18) T n-Dotriacontane (C32)	18.908	195156	1.450 ug/ml
19) T n-Tetratriacontane (C34)	19.711	133281	1.030 ug/ml
20) T n-Hexatriacontane (C36)	20.437	48873	0.411 ug/ml

(f)=RT Delta > 1/2 Window

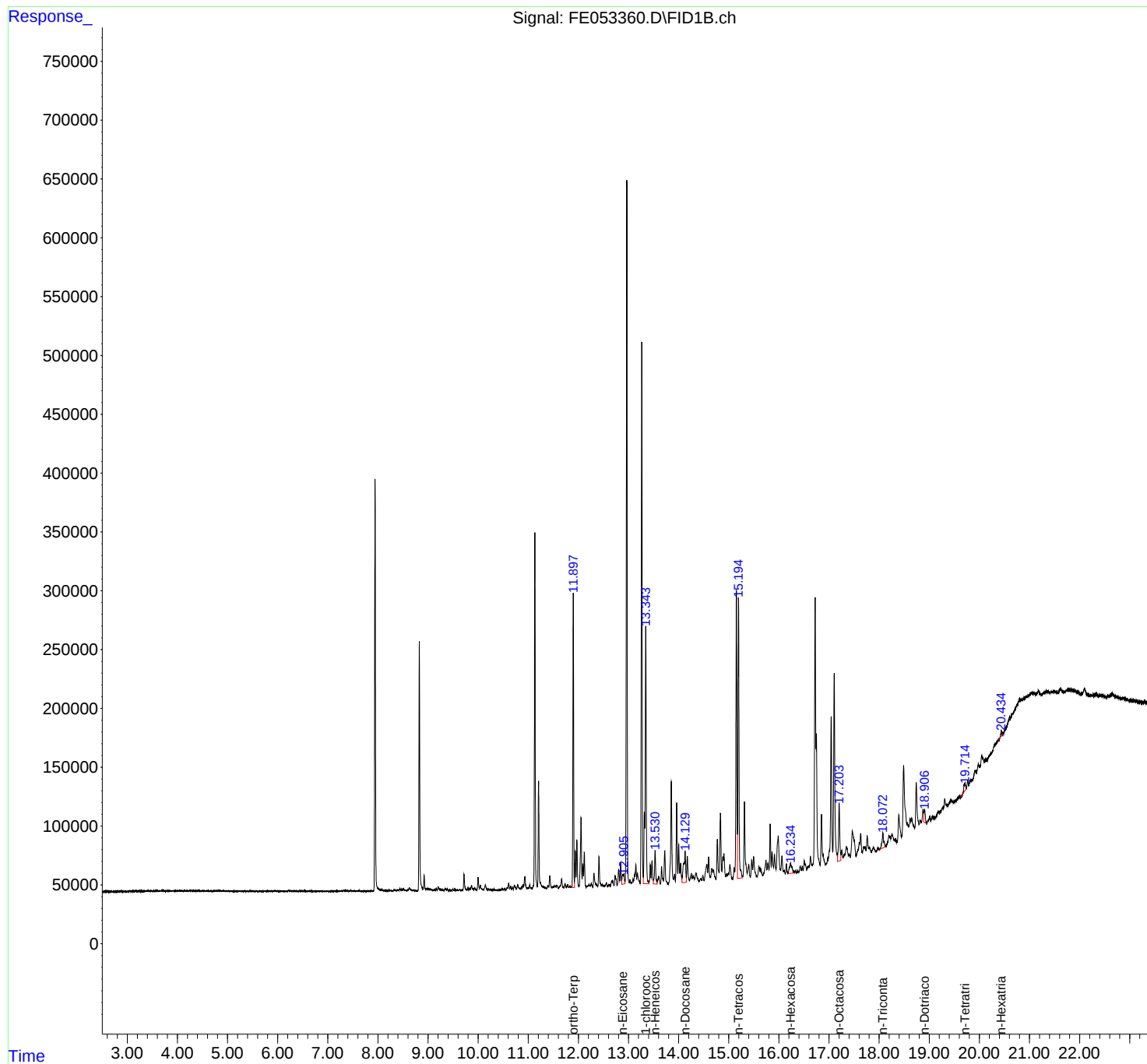
(m)=manual int.

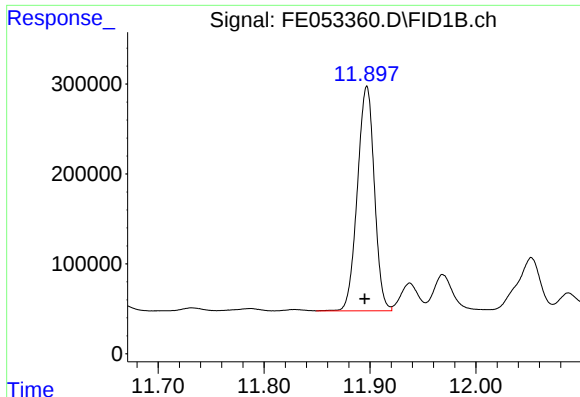
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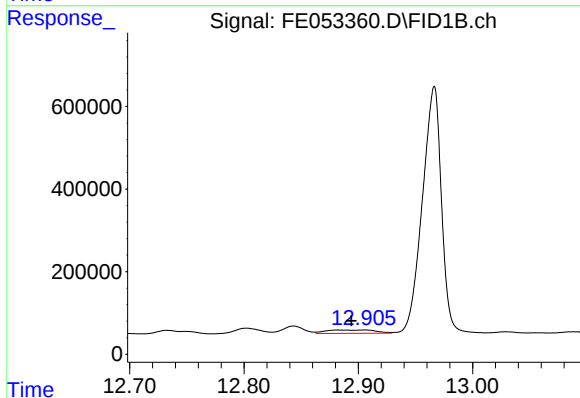




#9 ortho-Terphenyl (SURR)

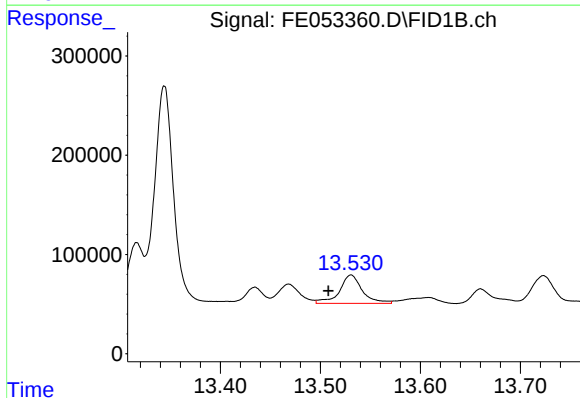
R.T.: 11.897 min
Delta R.T.: 0.002 min
Response: 2779439
Conc: 17.06 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1-EPHDL



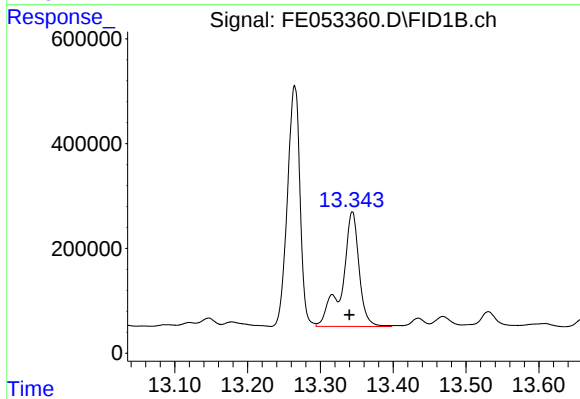
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.010 min
Response: 240901
Conc: 1.69 ug/ml



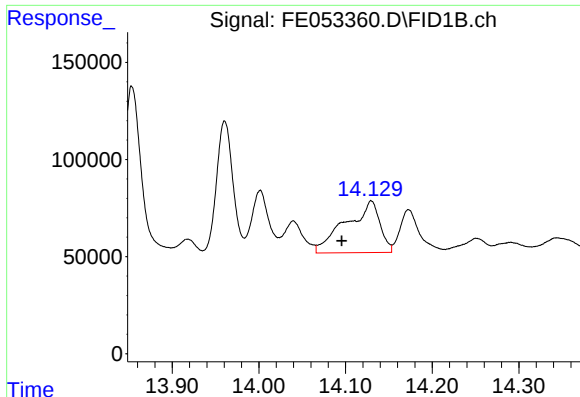
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.023 min
Response: 453774
Conc: 3.27 ug/ml



#12 1-chlorooctadecane (SURR)

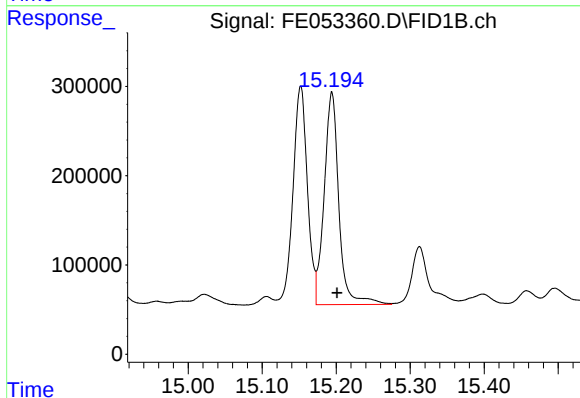
R.T.: 13.344 min
Delta R.T.: 0.004 min
Response: 3555681
Conc: 29.62 ug/ml



#13 n-Docosane (C22)

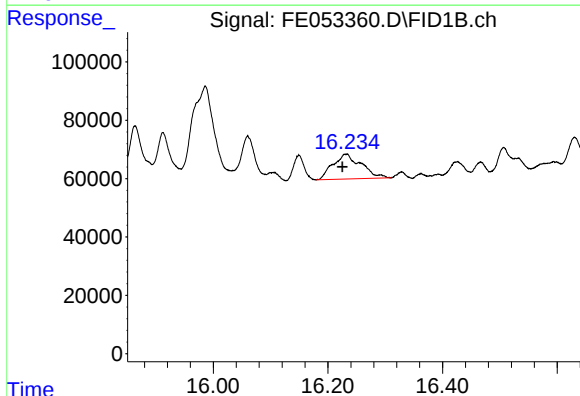
R.T.: 14.130 min
Delta R.T.: 0.034 min
Response: 725900
Conc: 5.30 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1-EPHDL



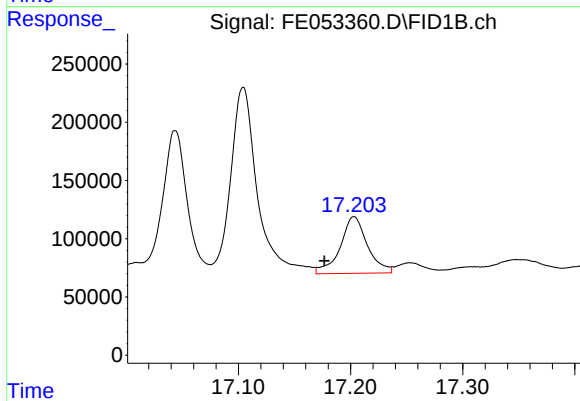
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.007 min
Response: 3279883
Conc: 24.28 ug/ml



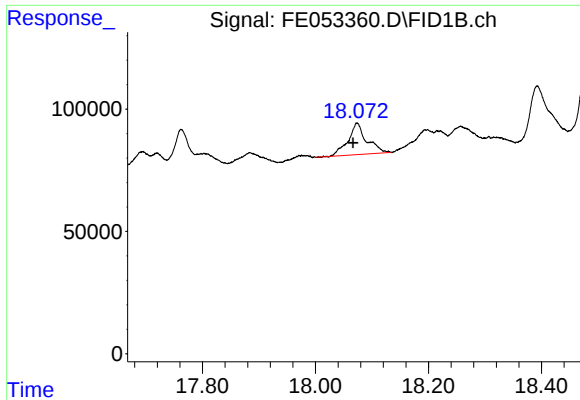
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.006 min
Response: 292826
Conc: 2.19 ug/ml



#16 n-Octacosane (C28)

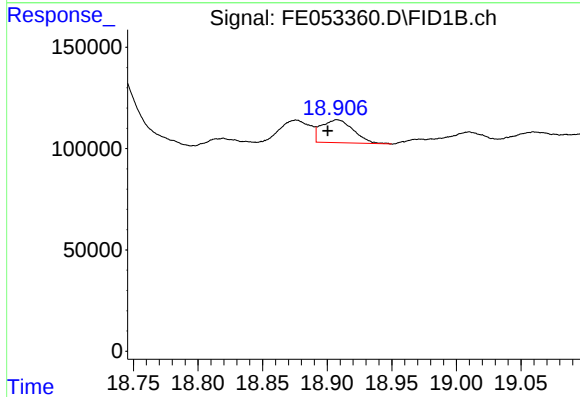
R.T.: 17.203 min
Delta R.T.: 0.027 min
Response: 821075
Conc: 6.22 ug/ml



#17 n-Tricontane (C30)

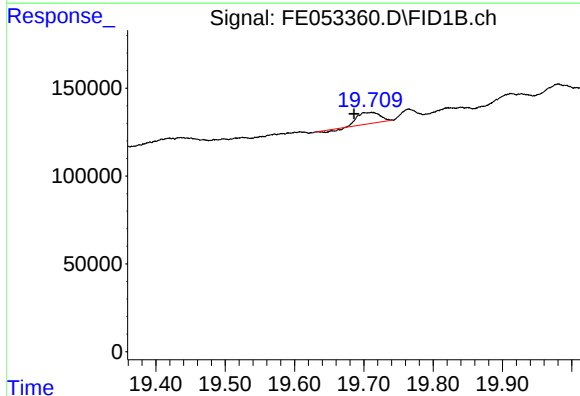
R.T.: 18.074 min
Delta R.T.: 0.007 min
Response: 292640
Conc: 2.16 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1-EPHDL



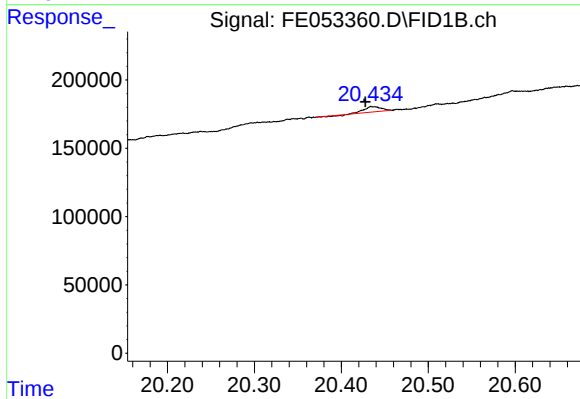
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.007 min
Response: 195156
Conc: 1.45 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.025 min
Response: 133281
Conc: 1.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: 0.009 min
Response: 48873
Conc: 0.41 ug/ml