

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053254.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 00:39
 Operator : YP\AJ
 Sample : Q1747-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 05:11:08 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)	11.892	5916744	36.325 ug/ml
Spiked Amount 50.000		Recovery =	72.65%
12) S 1-chlorooctadecane (S...	13.338	4599151	38.312 ug/ml
Spiked Amount 50.000		Recovery =	76.62%
Target Compounds			
4) T n-Dodecane (C12)	6.674	146575	0.937 ug/ml
6) T n-Tetradecane (C14)	8.513	165109	1.078 ug/ml
7) T n-Hexadecane (C16)	10.126	251265	1.630 ug/ml
8) T n-Octadecane (C18)	11.574	342851	2.261 ug/ml
10) T n-Eicosane (C20)	12.888	410140	2.877 ug/ml
11) T n-Heneicosane (C21)	13.505	429621	3.096 ug/ml
13) T n-Docosane (C22)	14.104	1050203	7.668 ug/ml
14) T n-Tetracosane (C24)	15.211	1859560	13.769 ug/ml
15) T n-Hexacosane (C26)	16.236	6336927	47.501 ug/ml
16) T n-Octacosane (C28)	17.190	4493663	34.051 ug/ml
18) T n-Dotriacontane (C32)	18.905	1961156	14.574 ug/ml
19) T n-Tetratriacontane (C34)	19.672	111814	0.864 ug/ml

(f)=RT Delta > 1/2 Window

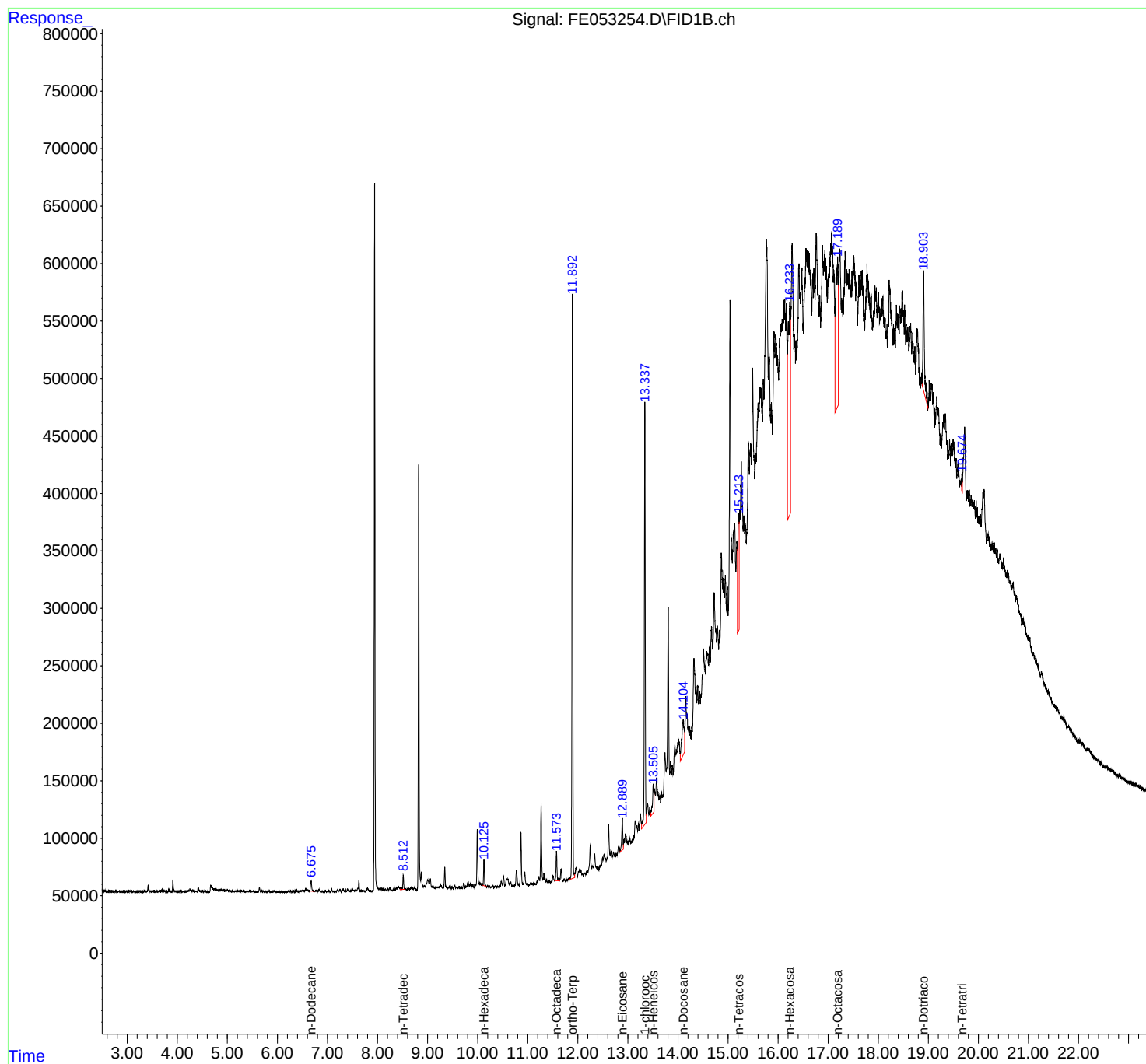
(m)=manual int.

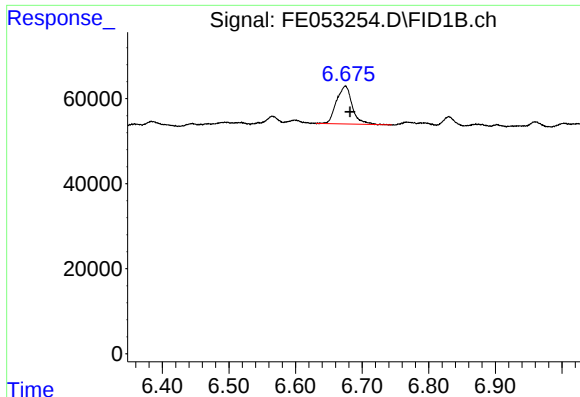
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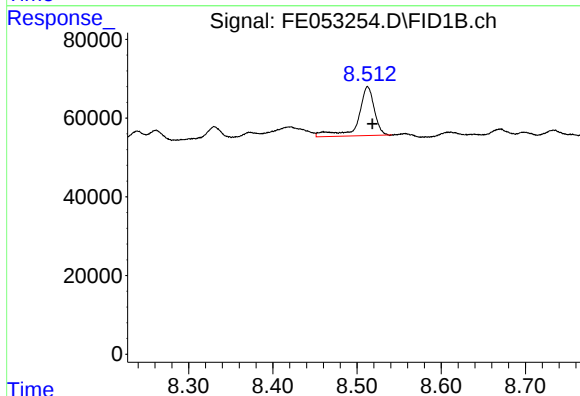




#4 n-Dodecane (C12)

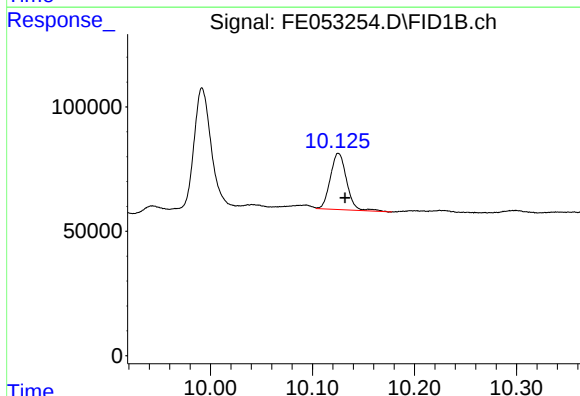
R.T.: 6.674 min
Delta R.T.: -0.008 min
Response: 146575
Conc: 0.94 ug/ml

Instrument :
FID_E
ClientSampleId :



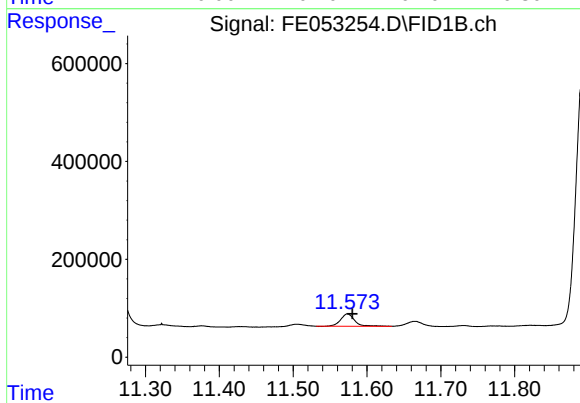
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.005 min
Response: 165109
Conc: 1.08 ug/ml



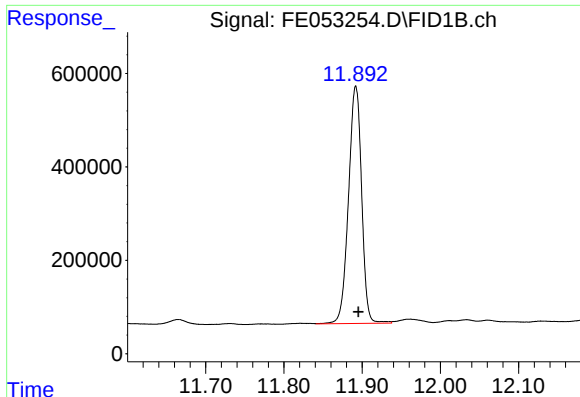
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.006 min
Response: 251265
Conc: 1.63 ug/ml



#8 n-Octadecane (C18)

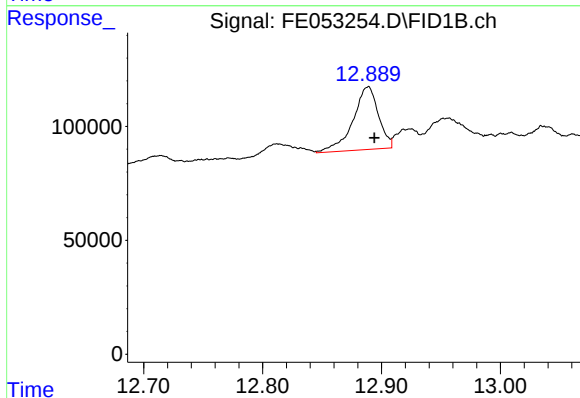
R.T.: 11.574 min
Delta R.T.: -0.006 min
Response: 342851
Conc: 2.26 ug/ml



#9 ortho-Terphenyl (SURR)

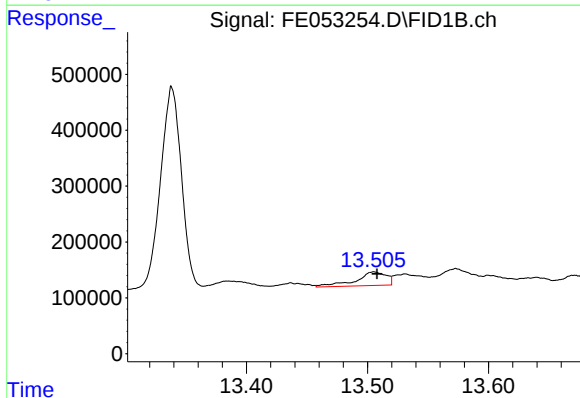
R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 5916744
Conc: 36.33 ug/ml

Instrument :
FID_E
ClientSampleId :



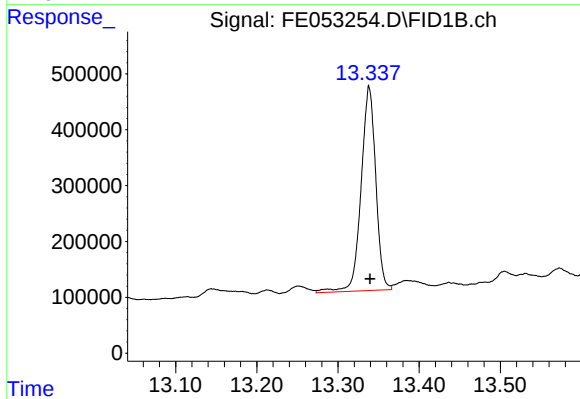
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 410140
Conc: 2.88 ug/ml



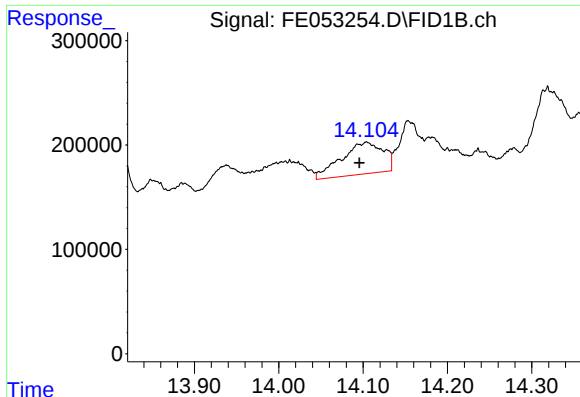
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 429621
Conc: 3.10 ug/ml



#12 1-chlorooctadecane (SURR)

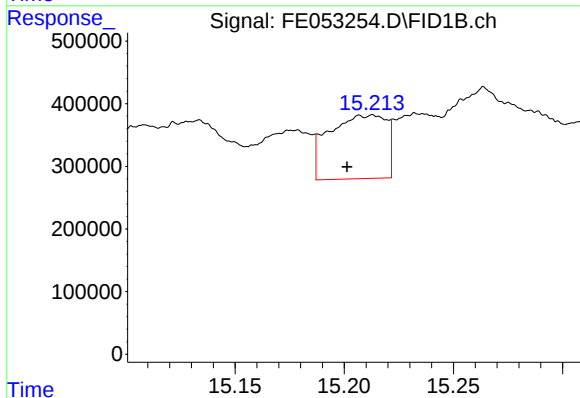
R.T.: 13.338 min
Delta R.T.: -0.001 min
Response: 4599151
Conc: 38.31 ug/ml



#13 n-Docosane (C22)

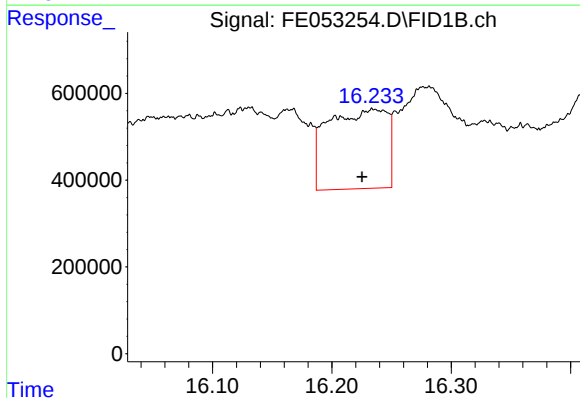
R.T.: 14.104 min
Delta R.T.: 0.009 min
Response: 1050203
Conc: 7.67 ug/ml

Instrument :
FID_E
ClientSampleId :



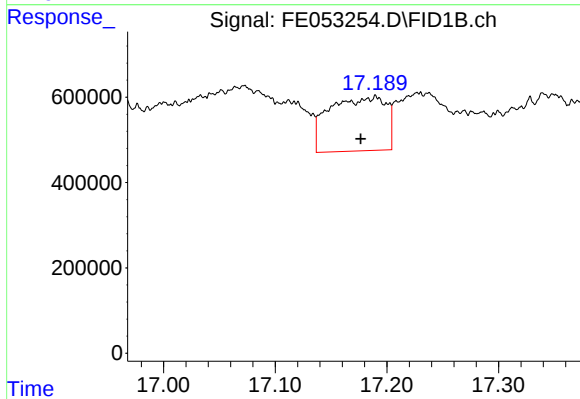
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: 0.010 min
Response: 1859560
Conc: 13.77 ug/ml



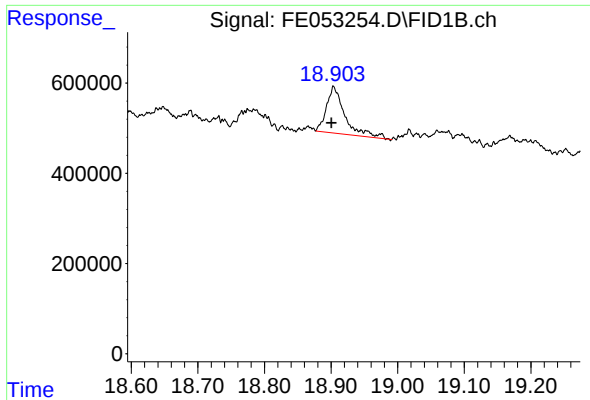
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: 0.010 min
Response: 6336927
Conc: 47.50 ug/ml



#16 n-Octacosane (C28)

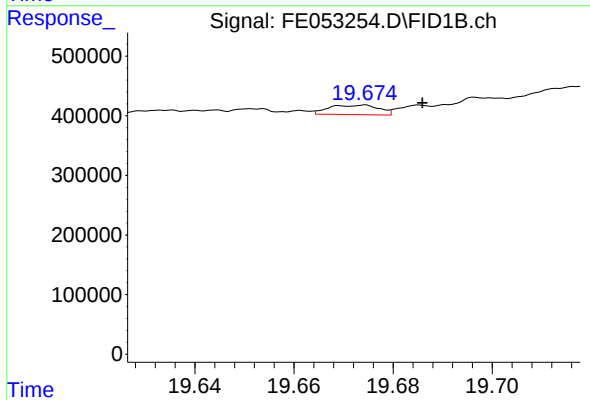
R.T.: 17.190 min
Delta R.T.: 0.013 min
Response: 4493663
Conc: 34.05 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.004 min
Response: 1961156
Conc: 14.57 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: -0.013 min
Response: 111814
Conc: 0.86 ug/ml