

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053234.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2025 10:39
 Operator : YP\AJ
 Sample : Q1733-01DL 100X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 05:04:08 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	173757	1.067 ug/ml
Spiked Amount 50.000		Recovery =	2.13%
12) S 1-chlorooctadecane (S...	13.344	331847	2.764 ug/ml
Spiked Amount 50.000		Recovery =	5.53%
Target Compounds			
8) T n-Octadecane (C18)	11.579	106250	0.701 ug/ml
10) T n-Eicosane (C20)	12.894	369346	2.591 ug/ml
11) T n-Heneicosane (C21)	13.511	367966	2.652 ug/ml
13) T n-Docosane (C22)	14.100	977383	7.136 ug/ml
14) T n-Tetracosane (C24)	15.211	797444	5.904 ug/ml
15) T n-Hexacosane (C26)	16.231	1155590	8.662 ug/ml
16) T n-Octacosane (C28)	17.208	1494853	11.327 ug/ml
18) T n-Dotriacontane (C32)	18.901	355214	2.640 ug/ml

(f)=RT Delta > 1/2 Window

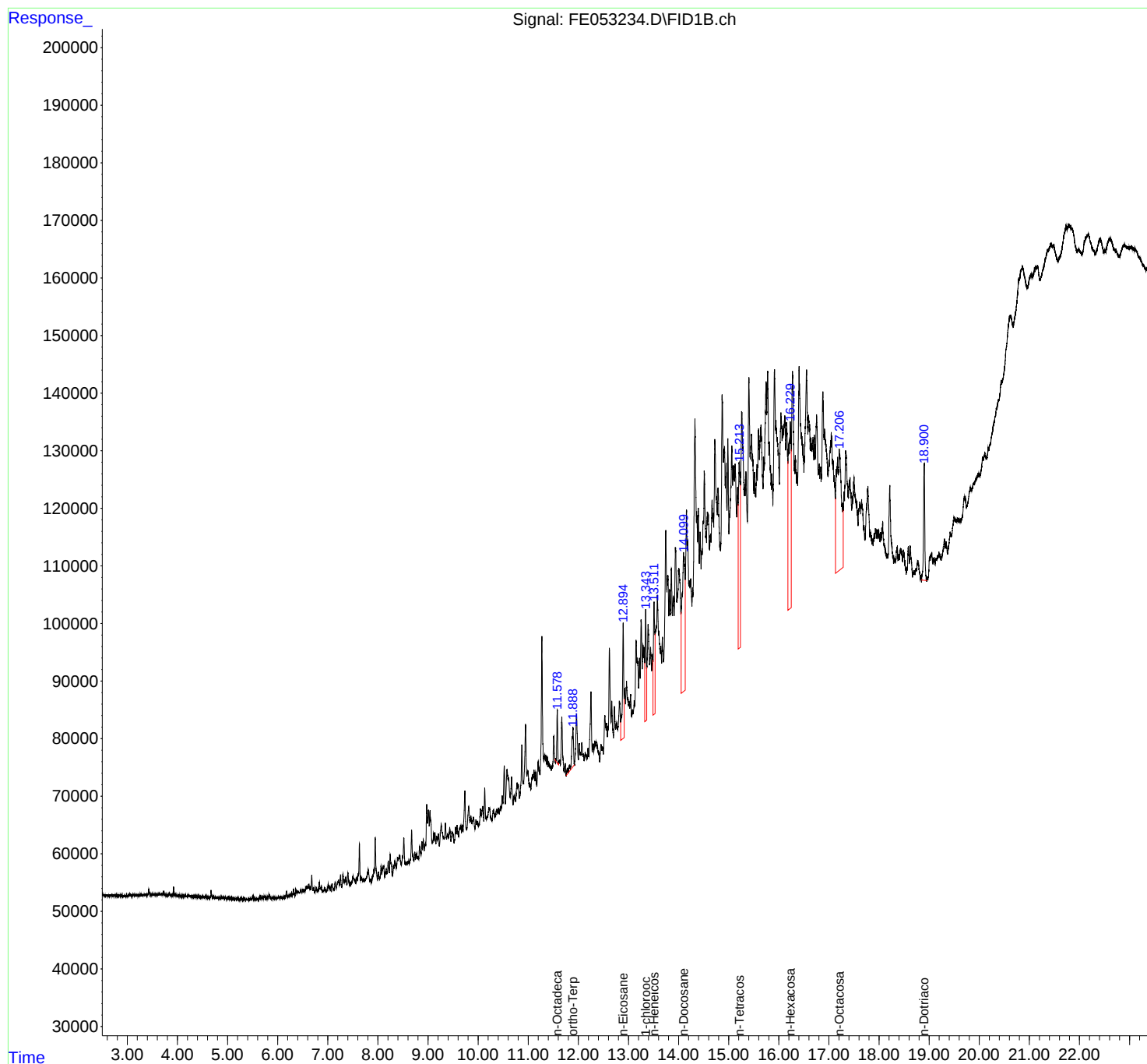
(m)=manual int.

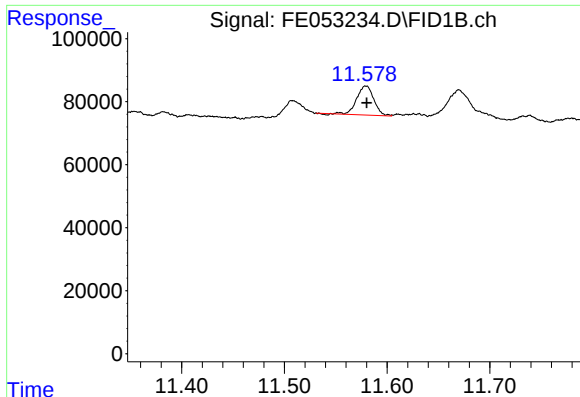
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Signal Info : 20M x 0.18mm x 0.18um

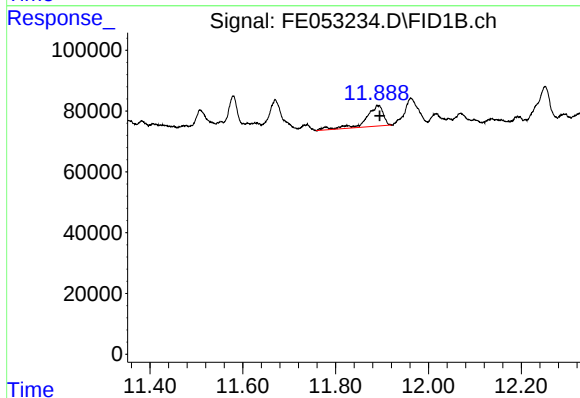




#8 n-Octadecane (C18)

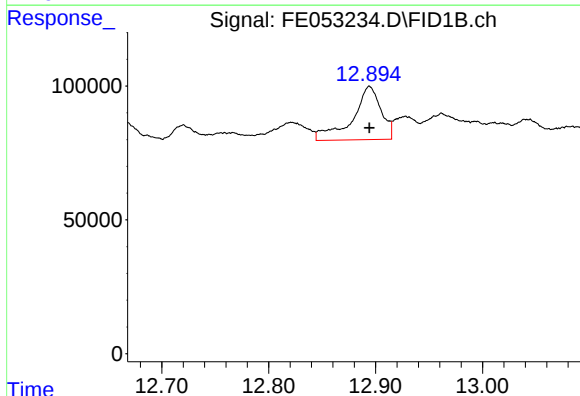
R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 106250
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :



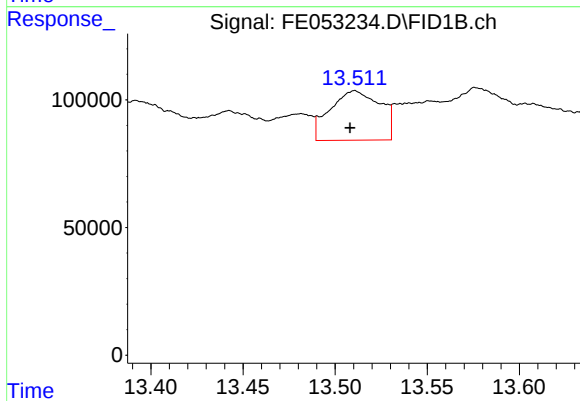
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 173757
Conc: 1.07 ug/ml



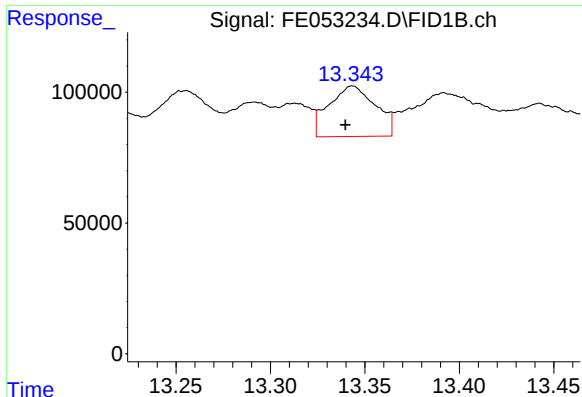
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 369346
Conc: 2.59 ug/ml



#11 n-Heneicosane (C21)

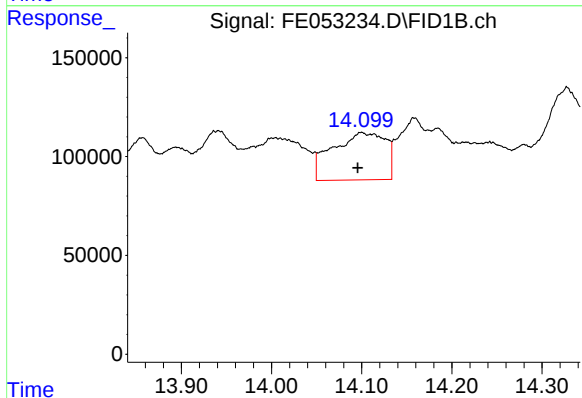
R.T.: 13.511 min
Delta R.T.: 0.003 min
Response: 367966
Conc: 2.65 ug/ml



#12 1-chlorooctadecane (SURR)

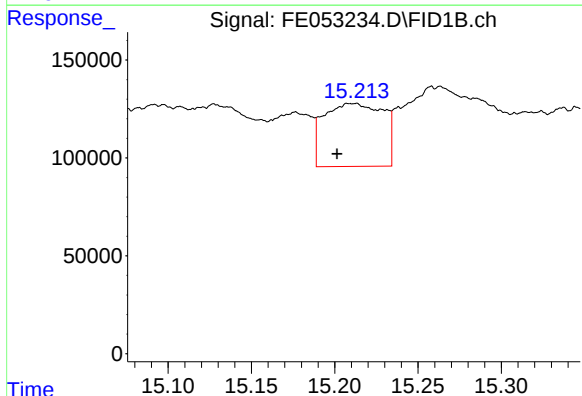
R.T.: 13.344 min
Delta R.T.: 0.004 min
Response: 331847
Conc: 2.76 ug/ml

Instrument :
FID_E
ClientSampleId :



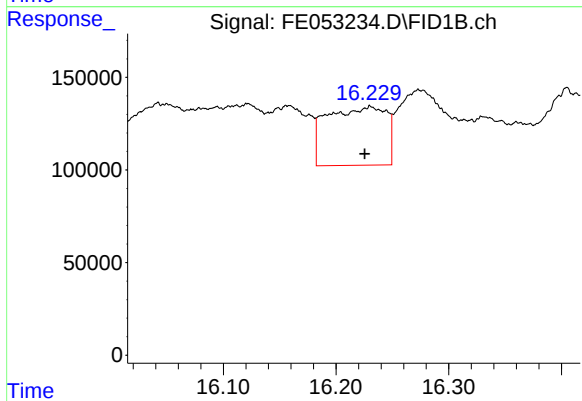
#13 n-Docosane (C22)

R.T.: 14.100 min
Delta R.T.: 0.004 min
Response: 977383
Conc: 7.14 ug/ml



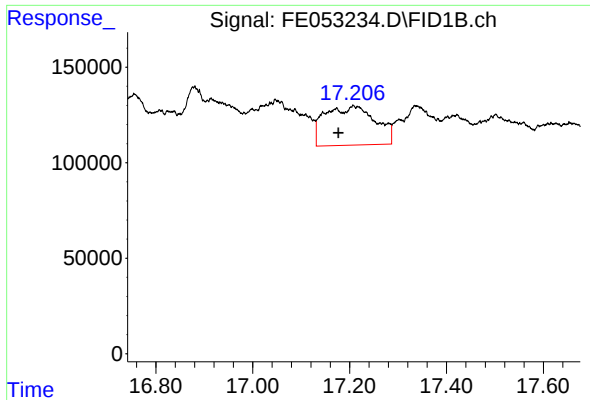
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: 0.009 min
Response: 797444
Conc: 5.90 ug/ml



#15 n-Hexacosane (C26)

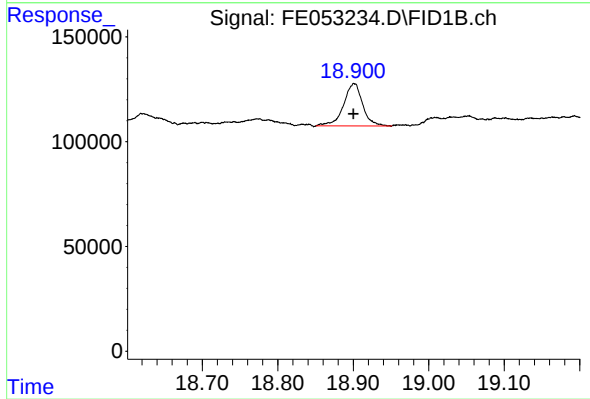
R.T.: 16.231 min
Delta R.T.: 0.005 min
Response: 1155590
Conc: 8.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: 0.031 min
Response: 1494853
Conc: 11.33 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: 0.000 min
Response: 355214
Conc: 2.64 ug/ml