

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054152.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 15:25
 Operator : YP\AJ
 Sample : Q2147-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 1

Integration File: autoint1.e
 Quant Time: Jun 04 02:51:57 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)	11.838	5334008	32.822 ug/ml
Spiked Amount 50.000		Recovery =	65.64%
12) S 1-chlorooctadecane (S...	13.284	4947176	41.731 ug/ml
Spiked Amount 50.000		Recovery =	83.46%
Target Compounds			
7) T n-Hexadecane (C16)	10.098	134267	0.995 ug/ml
10) T n-Eicosane (C20)	12.823	162724	1.238 ug/ml
11) T n-Heneicosane (C21)	13.482	274974	2.121 ug/ml
13) T n-Docosane (C22)	14.071	403175	3.160 ug/ml
14) T n-Tetracosane (C24)	15.131	1980714	15.831 ug/ml
15) T n-Hexacosane (C26)	16.168	169330	1.383 ug/ml
16) T n-Octacosane (C28)	17.145	328390	2.701 ug/ml
17) T n-Tricontane (C30)	18.005	152623	1.225 ug/ml
18) T n-Dotriacontane (C32)	18.828	227869	1.822 ug/ml
19) T n-Tetratriacontane (C34)	19.644	24878	0.209 ug/ml

(f)=RT Delta > 1/2 Window

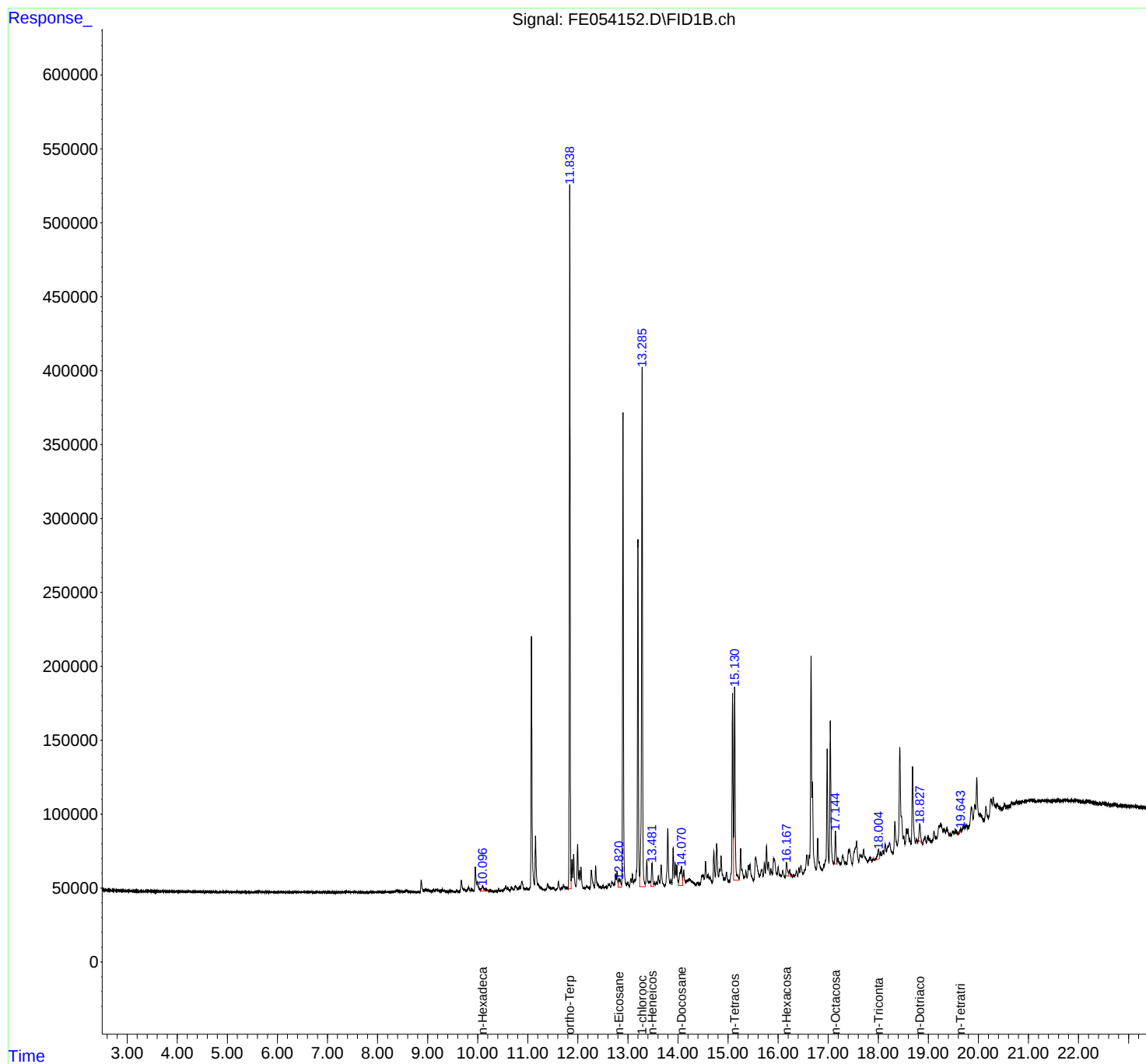
(m)=manual int.

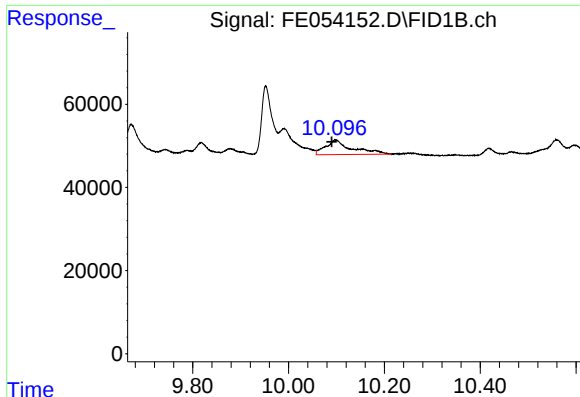
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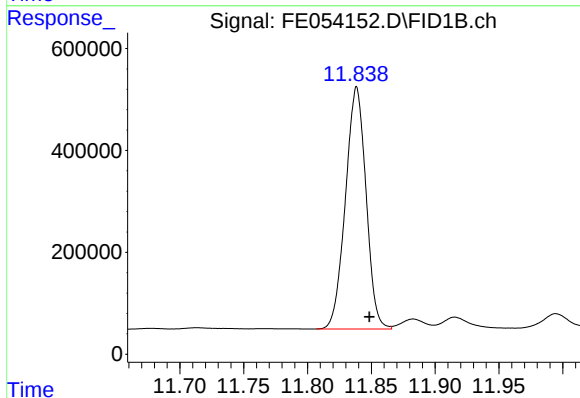




#7 n-Hexadecane (C16)

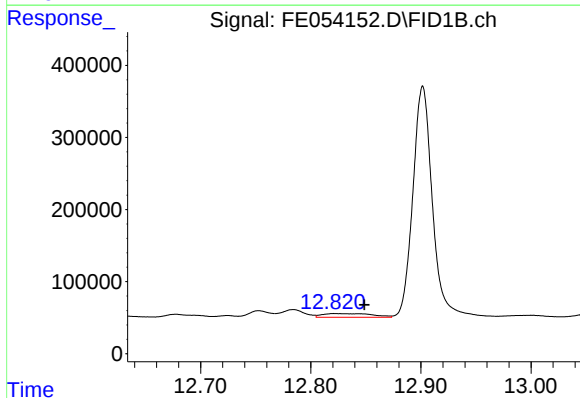
R.T.: 10.098 min
Delta R.T.: 0.008 min
Response: 134267
Conc: 1.00 ug/ml

Instrument :
FID_E
ClientSampleId :
1



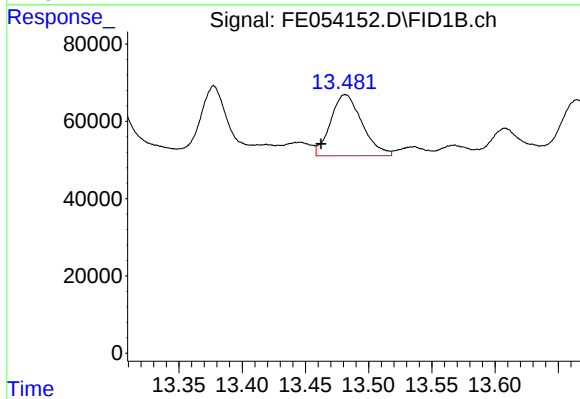
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.010 min
Response: 5334008
Conc: 32.82 ug/ml



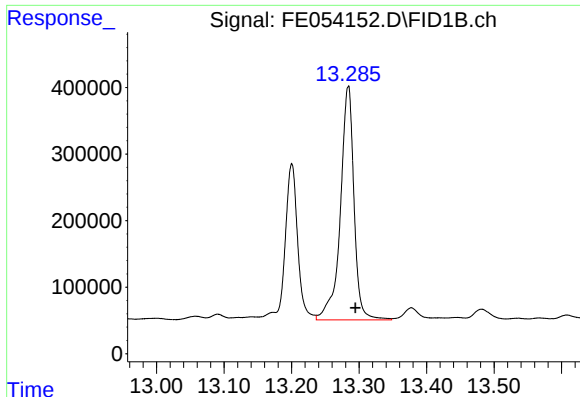
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.026 min
Response: 162724
Conc: 1.24 ug/ml



#11 n-Heneicosane (C21)

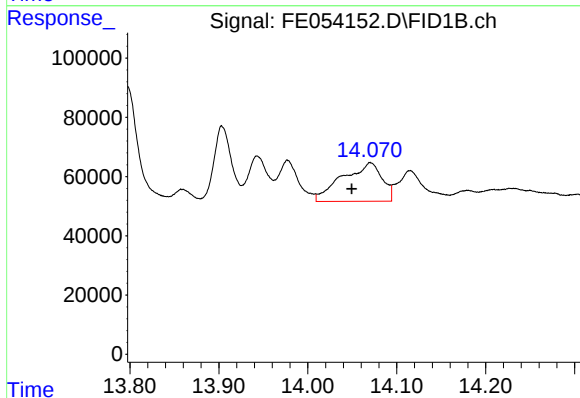
R.T.: 13.482 min
Delta R.T.: 0.019 min
Response: 274974
Conc: 2.12 ug/ml



#12 1-chlorooctadecane (SURR)

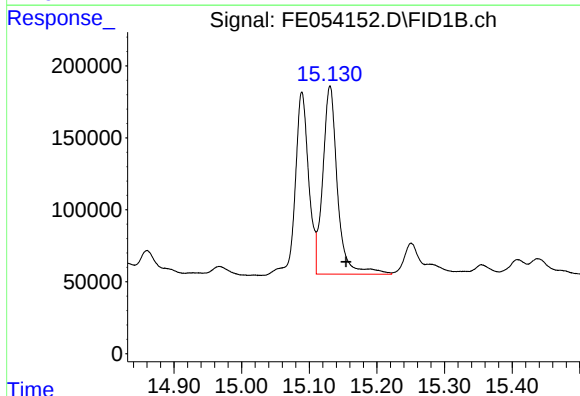
R.T.: 13.284 min
Delta R.T.: -0.011 min
Response: 4947176
Conc: 41.73 ug/ml

Instrument :
FID_E
ClientSampleId :
1



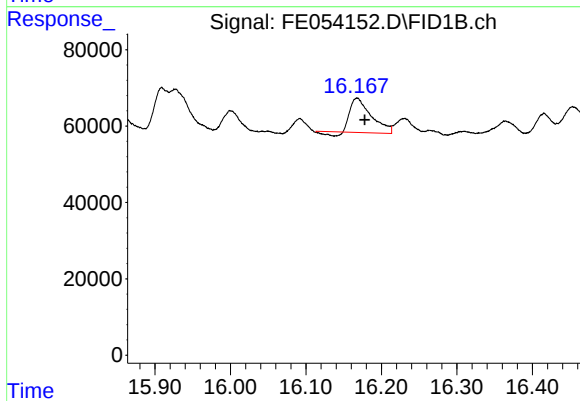
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: 0.021 min
Response: 403175
Conc: 3.16 ug/ml



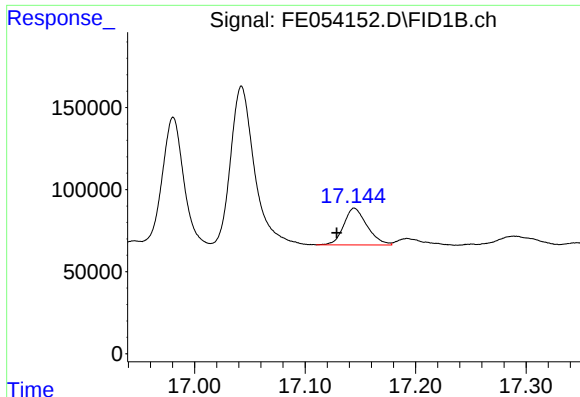
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.024 min
Response: 1980714
Conc: 15.83 ug/ml



#15 n-Hexacosane (C26)

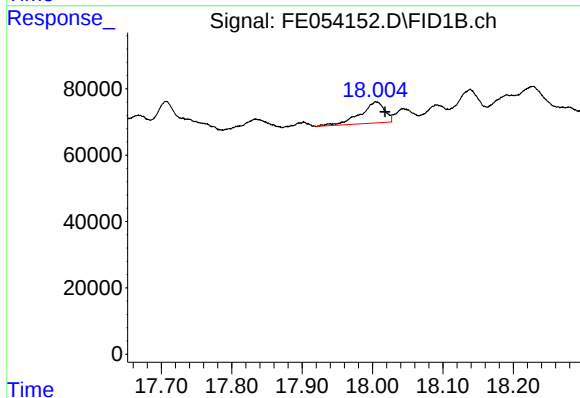
R.T.: 16.168 min
Delta R.T.: -0.010 min
Response: 169330
Conc: 1.38 ug/ml



#16 n-Octacosane (C28)

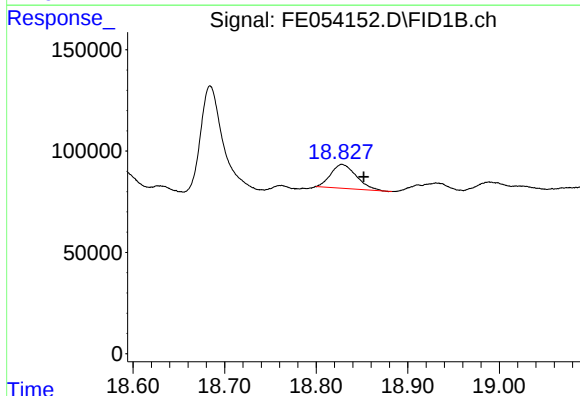
R.T.: 17.145 min
Delta R.T.: 0.016 min
Response: 328390
Conc: 2.70 ug/ml

Instrument :
FID_E
ClientSampleId :
1



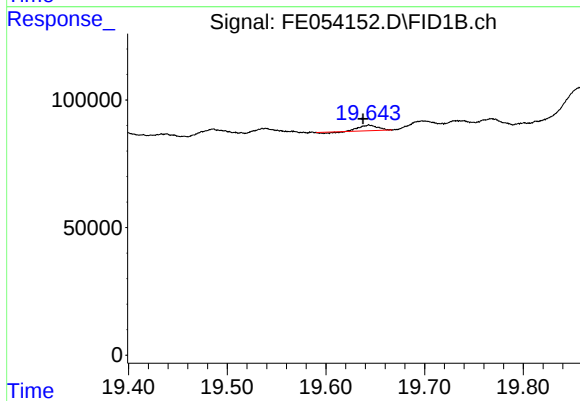
#17 n-Tricontane (C30)

R.T.: 18.005 min
Delta R.T.: -0.013 min
Response: 152623
Conc: 1.23 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.024 min
Response: 227869
Conc: 1.82 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.006 min
Response: 24878
Conc: 0.21 ug/ml