

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045117.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 21:49
 Operator : YP\AJ
 Sample : 05169-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 00:05:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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	3146867	15.698 ug/ml
Spiked Amount 50.000		Recovery =	31.40%
12) S 1-chlorooctadecane (S...	13.340	2582779	17.453 ug/ml
Spiked Amount 50.000		Recovery =	34.91%
Target Compounds			
7) T n-Hexadecane (C16)	10.135	54945	0.314 ug/ml
8) T n-Octadecane (C18)	11.581	96745	0.555 ug/ml
10) T n-Eicosane (C20)	12.894	75770	0.454 ug/ml
11) T n-Heneicosane (C21)	13.509	72756	0.446 ug/ml
13) T n-Docosane (C22)	14.096	53454	0.334 ug/ml
14) T n-Tetracosane (C24)	15.177	11105	0.072 ug/ml
15) T n-Hexacosane (C26)	16.223	43933	0.293 ug/ml
16) T n-Octacosane (C28)	17.179	67728	0.461 ug/ml
17) T n-Tricontane (C30)	18.066	141742	0.953 ug/ml
18) T n-Dotriacontane (C32)	18.899	174256	1.161 ug/ml
19) T n-Tetratriacontane (C34)	19.691	556898	3.741 ug/ml
20) T n-Hexatriacontane (C36)	20.485	350203	2.278 ug/ml

(f)=RT Delta > 1/2 Window

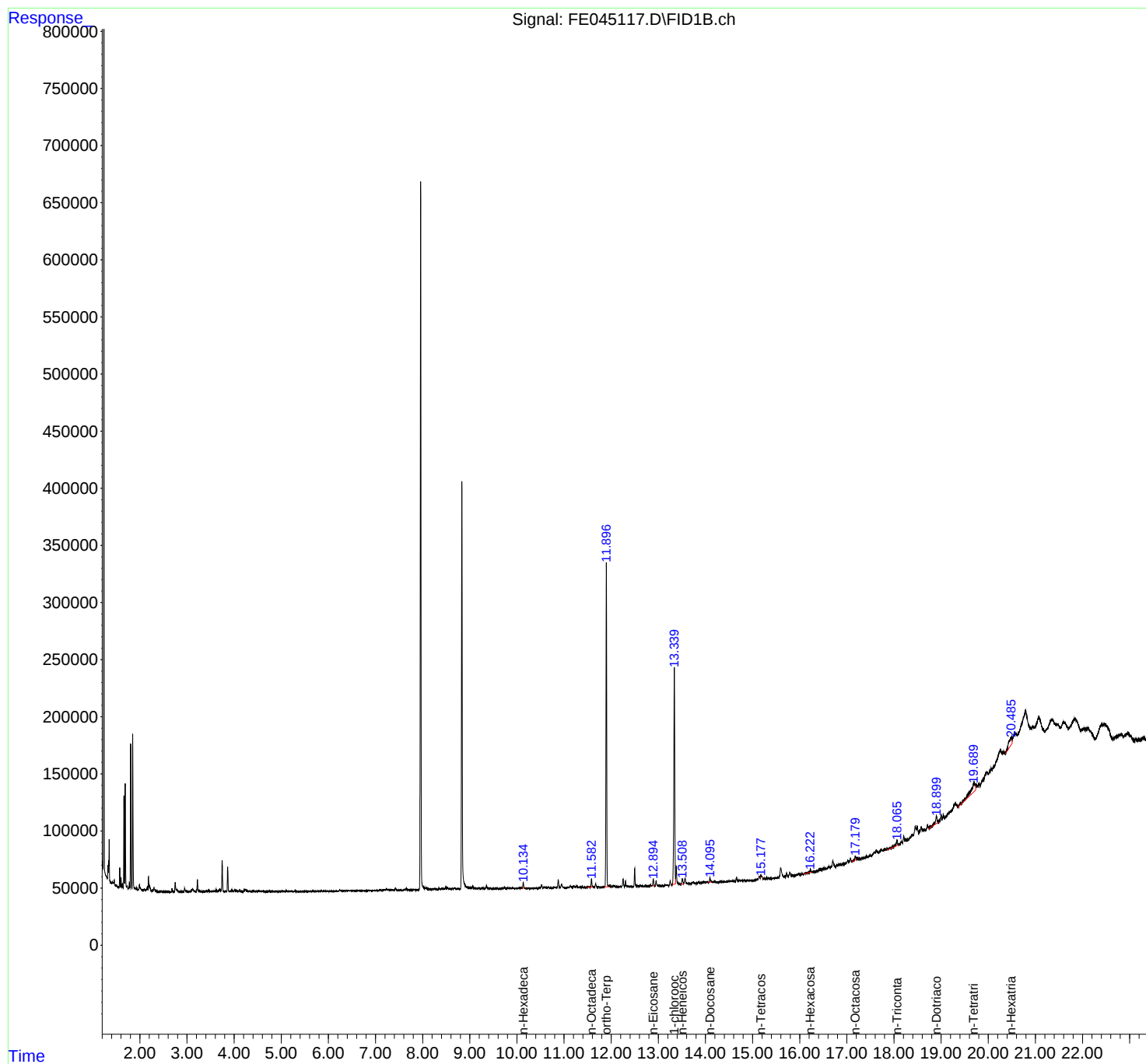
(m)=manual int.

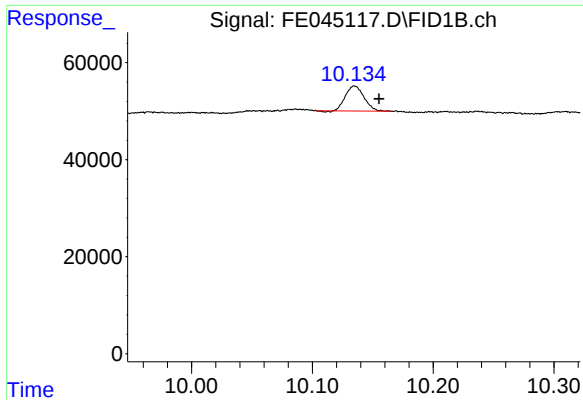
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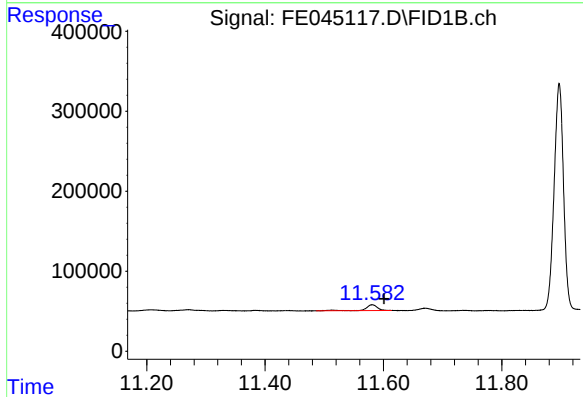




#7 n-Hexadecane (C16)

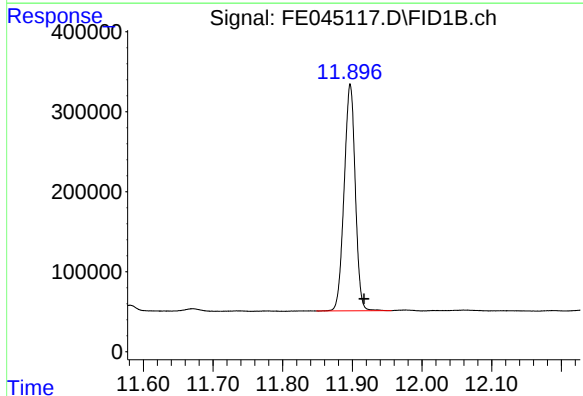
R.T.: 10.135 min
Delta R.T.: -0.020 min
Response: 54945
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



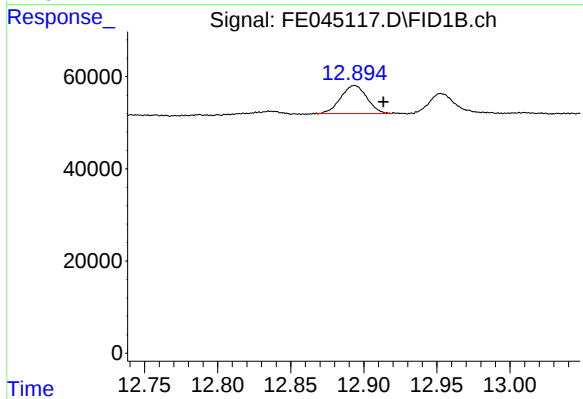
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.020 min
Response: 96745
Conc: 0.55 ug/ml



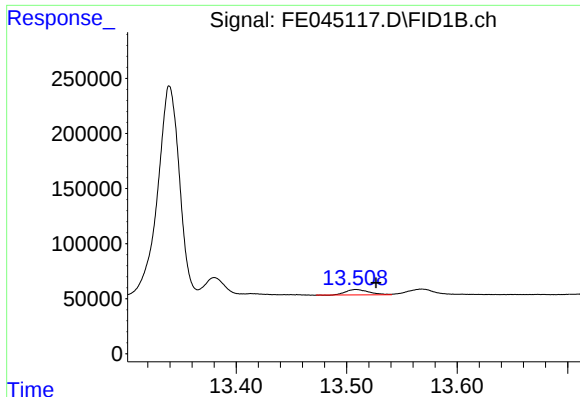
#9 ortho-Terphenyl (SURR)

R.T.: 11.897 min
Delta R.T.: -0.020 min
Response: 3146867
Conc: 15.70 ug/ml



#10 n-Eicosane (C20)

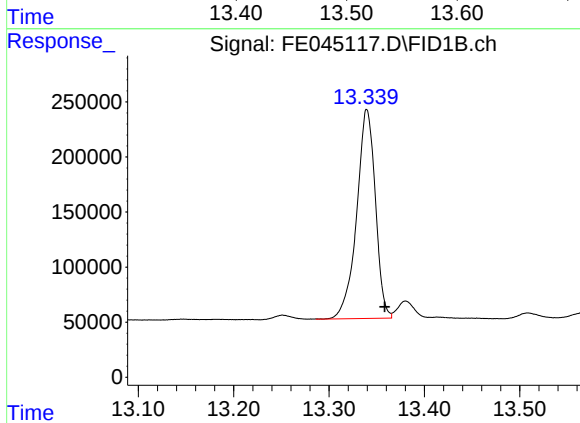
R.T.: 12.894 min
Delta R.T.: -0.020 min
Response: 75770
Conc: 0.45 ug/ml



#11 n-Heneicosane (C21)

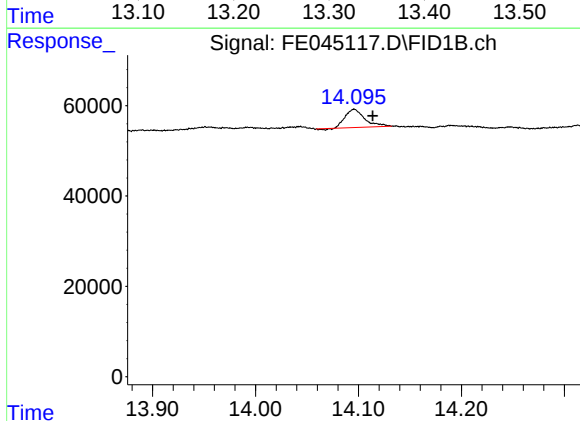
R.T.: 13.509 min
Delta R.T.: -0.018 min
Response: 72756
Conc: 0.45 ug/ml

Instrument :
FID_E
ClientSampleId :



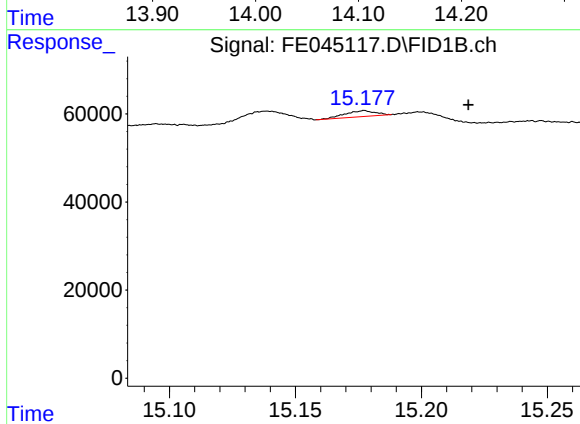
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.019 min
Response: 2582779
Conc: 17.45 ug/ml



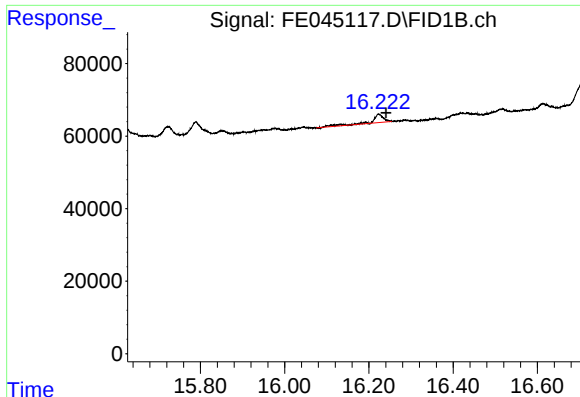
#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: -0.018 min
Response: 53454
Conc: 0.33 ug/ml



#14 n-Tetracosane (C24)

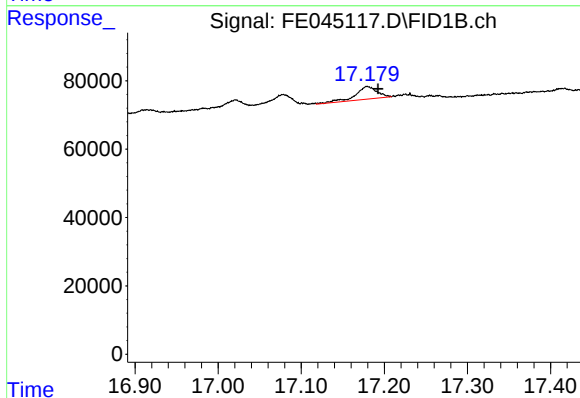
R.T.: 15.177 min
Delta R.T.: -0.041 min
Response: 11105
Conc: 0.07 ug/ml



#15 n-Hexacosane (C26)

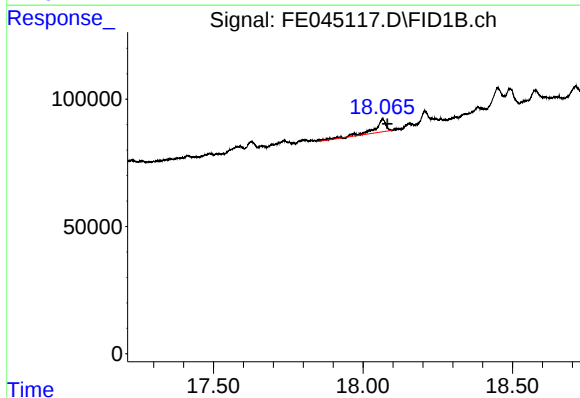
R.T.: 16.223 min
Delta R.T.: -0.018 min
Response: 43933
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :



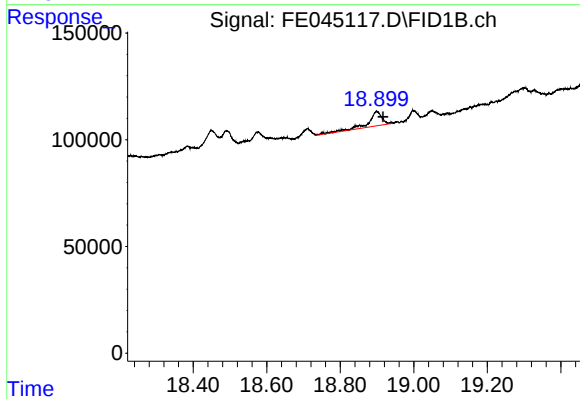
#16 n-Octacosane (C28)

R.T.: 17.179 min
Delta R.T.: -0.013 min
Response: 67728
Conc: 0.46 ug/ml



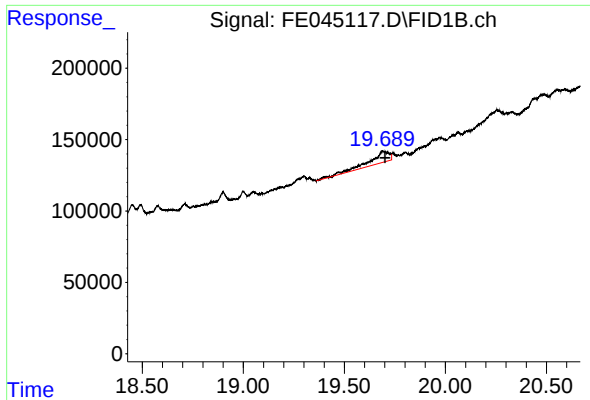
#17 n-Tricontane (C30)

R.T.: 18.066 min
Delta R.T.: -0.016 min
Response: 141742
Conc: 0.95 ug/ml



#18 n-Dotriacontane (C32)

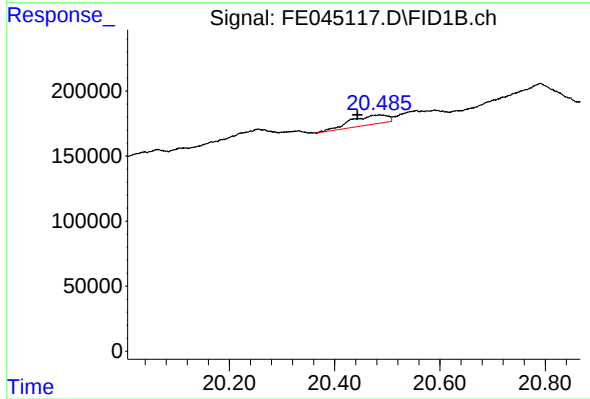
R.T.: 18.899 min
Delta R.T.: -0.017 min
Response: 174256
Conc: 1.16 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.011 min
Response: 556898
Conc: 3.74 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.043 min
Response: 350203
Conc: 2.28 ug/ml