

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032625AL\
 Data File : FE052973.D
 Signal(s) : FID1B.ch
 Acq On : 26 Mar 2025 10:34
 Operator : YP\AJ
 Sample : Q1634-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 27 04:15:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.906	1091135	6.472 ug/ml
Spiked Amount 50.000		Recovery =	12.94%
12) S 1-chlorooctadecane (S...	13.351	553354	4.557 ug/ml
Spiked Amount 50.000		Recovery =	9.11%
Target Compounds			
2) T n-Decane (C10)	4.508	205180	1.306 ug/ml
3) T A~Naphthalene (C11.7)	6.247	305636	1.802 ug/ml
4) T n-Dodecane (C12)	6.690	1056552	6.786 ug/ml
5) T A~2-methylnaphthalene...	7.330	709131	4.376 ug/ml
6) T n-Tetradecane (C14)	8.527	2083009	13.767 ug/ml
7) T n-Hexadecane (C16)	10.142	2205305	14.424 ug/ml
8) T n-Octadecane (C18)	11.590	1651629	10.856 ug/ml
10) T n-Eicosane (C20)	12.905	933182	6.428 ug/ml
11) T n-Heneicosane (C21)	13.519	611589	4.297 ug/ml
13) T n-Docosane (C22)	14.107	427867	3.007 ug/ml
14) T n-Tetracosane (C24)	15.214	153736	1.074 ug/ml
15) T n-Hexacosane (C26)	16.239	128824	0.906 ug/ml
16) T n-Octacosane (C28)	17.190	136609	0.961 ug/ml
17) T n-Tricontane (C30)	18.081	187808	1.272 ug/ml
18) T n-Dotriacontane (C32)	18.917	140086	0.965 ug/ml
19) T n-Tetratriacontane (C34)	19.702	151617	1.125 ug/ml
20) T n-Hexatriacontane (C36)	20.447	63600	0.535 ug/ml

(f)=RT Delta > 1/2 Window

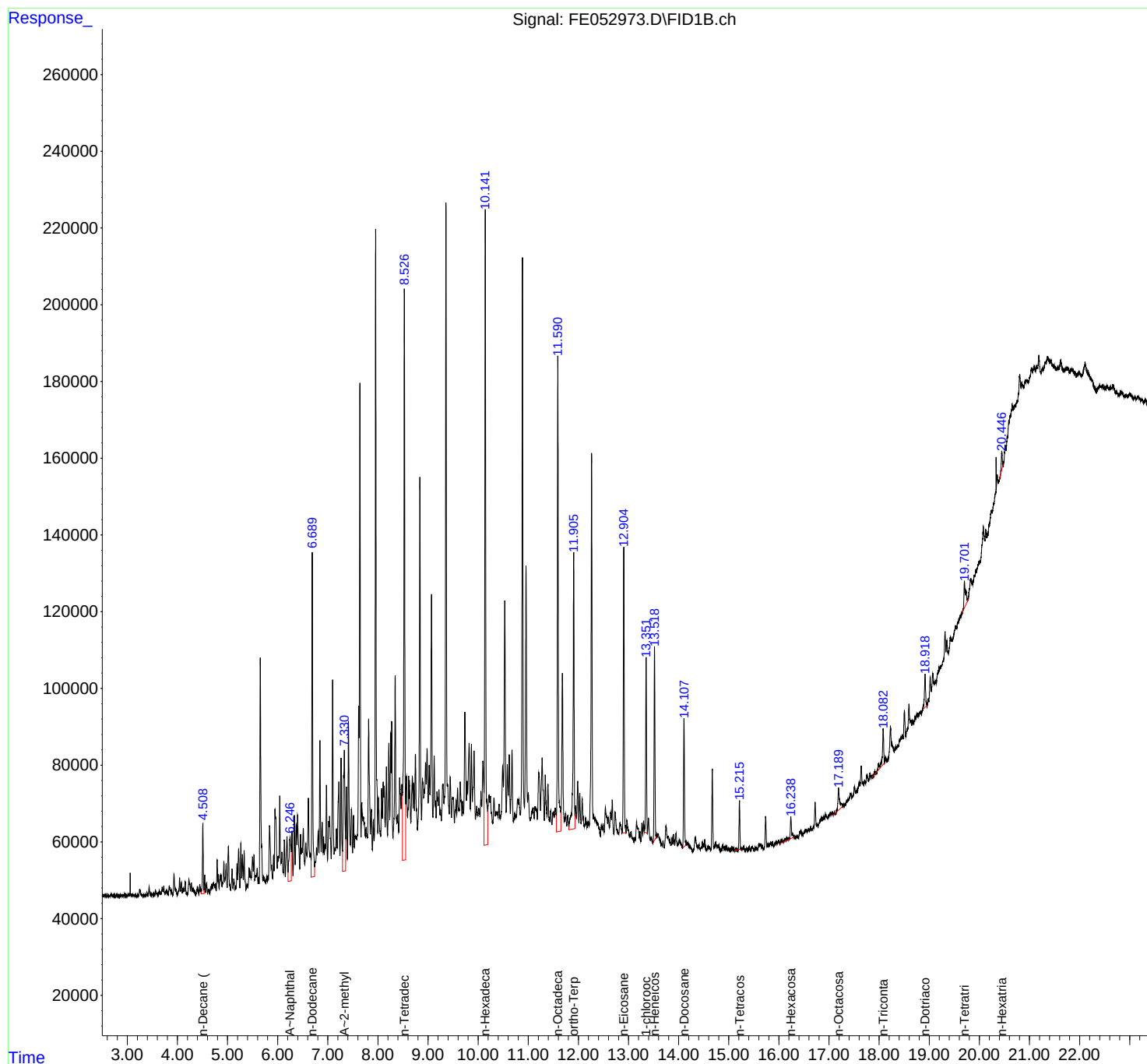
(m)=manual int.

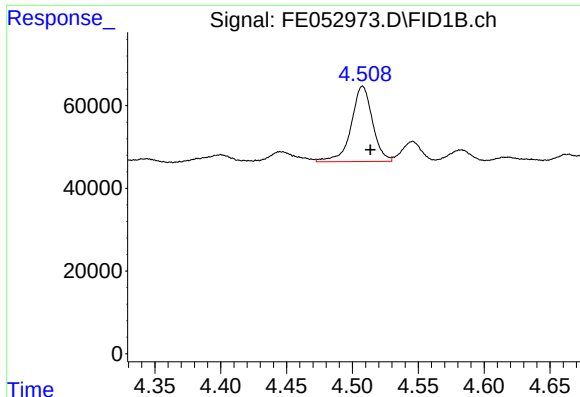
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Signal Info : 20M x 0.18mm x 0.18um

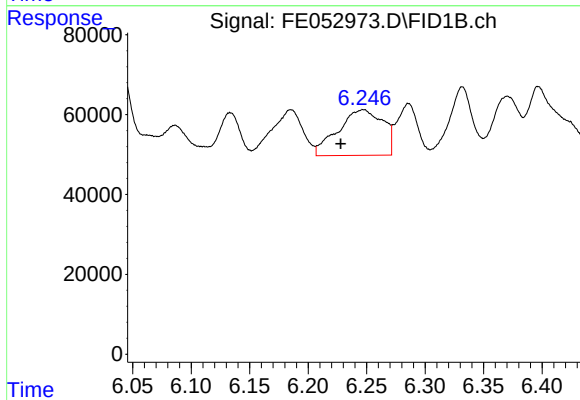




#2 n-Decane (C10)

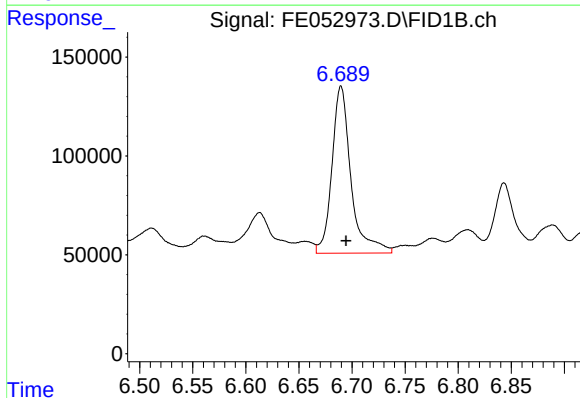
R.T.: 4.508 min
Delta R.T.: -0.006 min
Response: 205180
Conc: 1.31 ug/ml

Instrument :
FID_E
ClientSampleId :



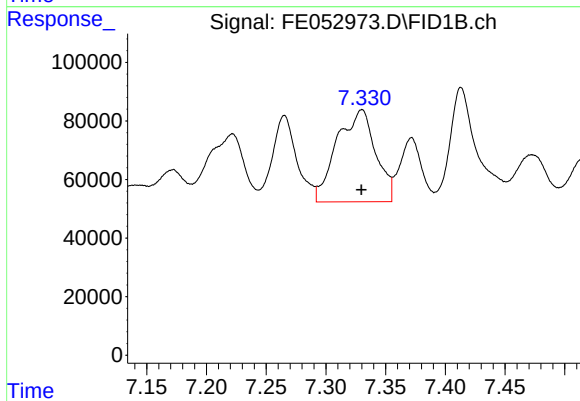
#3 A~Naphthalene (C11.7)

R.T.: 6.247 min
Delta R.T.: 0.019 min
Response: 305636
Conc: 1.80 ug/ml



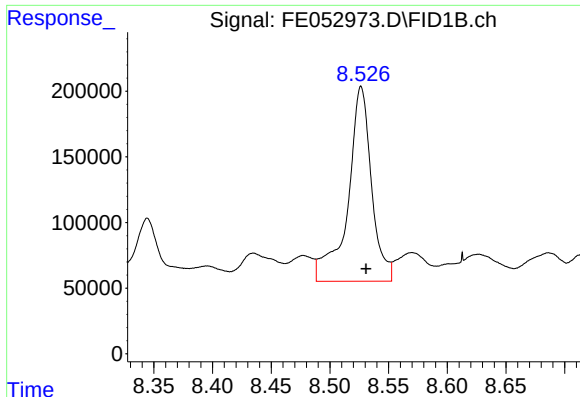
#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 1056552
Conc: 6.79 ug/ml



#5 A~2-methylnaphthalene (C12.89)

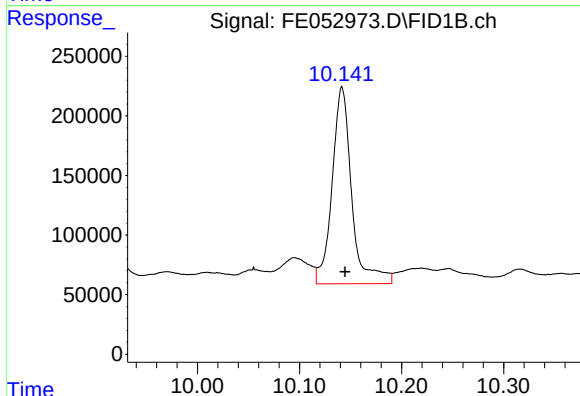
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 709131
Conc: 4.38 ug/ml



#6 n-Tetradecane (C14)

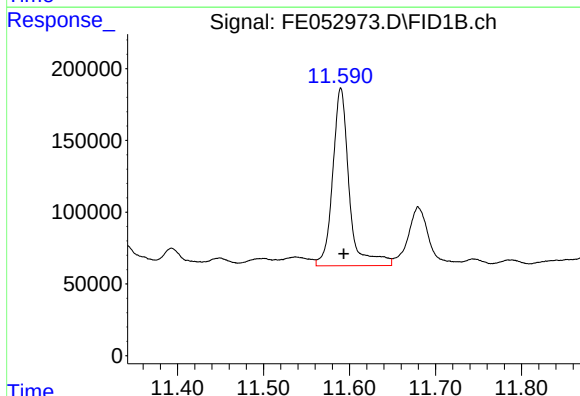
R.T.: 8.527 min
Delta R.T.: -0.004 min
Response: 2083009
Conc: 13.77 ug/ml

Instrument :
FID_E
ClientSampleId :



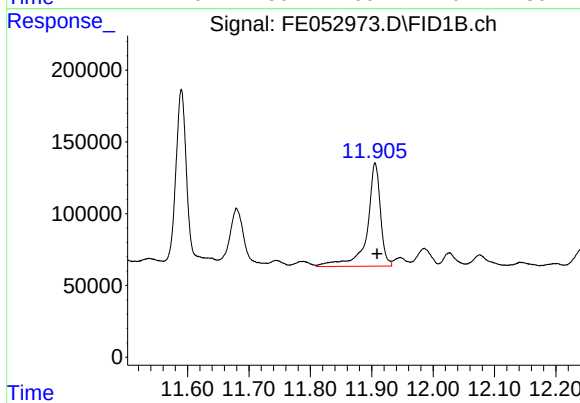
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.003 min
Response: 2205305
Conc: 14.42 ug/ml



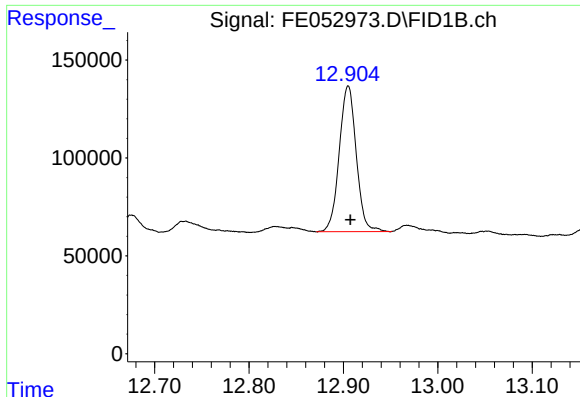
#8 n-Octadecane (C18)

R.T.: 11.590 min
Delta R.T.: -0.003 min
Response: 1651629
Conc: 10.86 ug/ml



#9 ortho-Terphenyl (SURR)

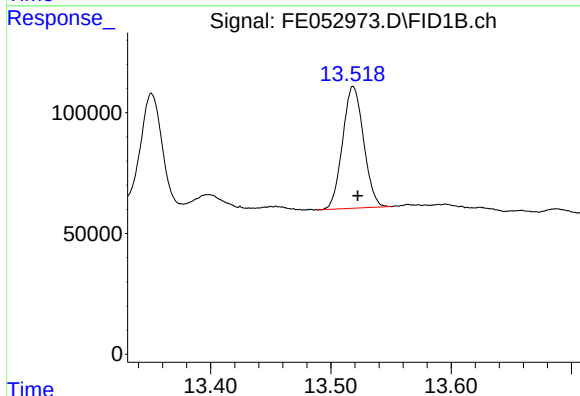
R.T.: 11.906 min
Delta R.T.: -0.003 min
Response: 1091135
Conc: 6.47 ug/ml



#10 n-Eicosane (C20)

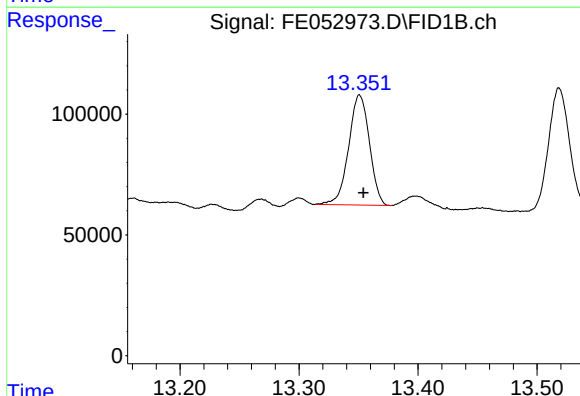
R.T.: 12.905 min
Delta R.T.: -0.003 min
Response: 933182
Conc: 6.43 ug/ml

Instrument :
FID_E
ClientSampleId :



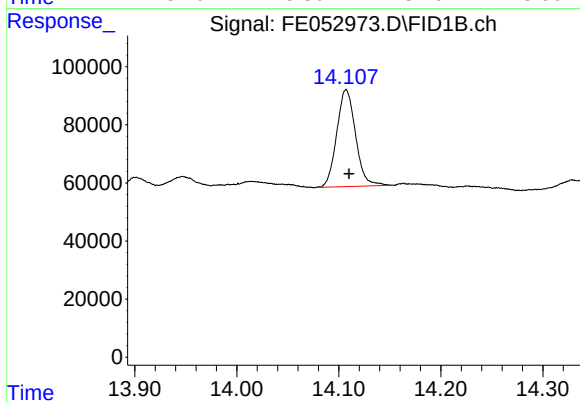
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.004 min
Response: 611589
Conc: 4.30 ug/ml



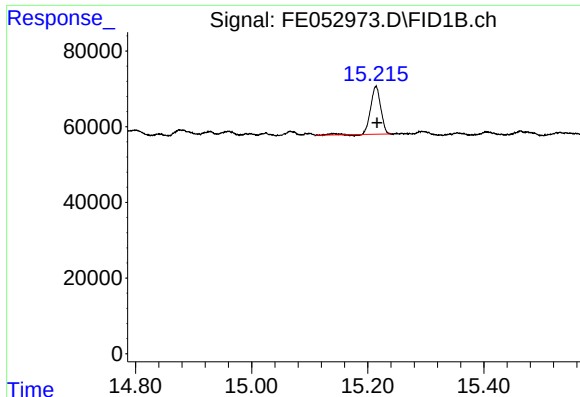
#12 1-chlorooctadecane (SURR)

R.T.: 13.351 min
Delta R.T.: -0.003 min
Response: 553354
Conc: 4.56 ug/ml



#13 n-Docosane (C22)

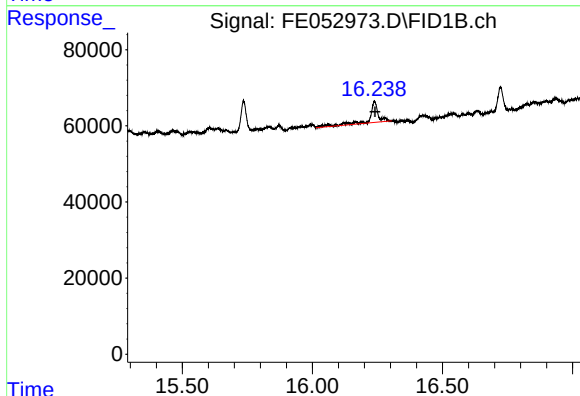
R.T.: 14.107 min
Delta R.T.: -0.003 min
Response: 427867
Conc: 3.01 ug/ml



#14 n-Tetracosane (C24)

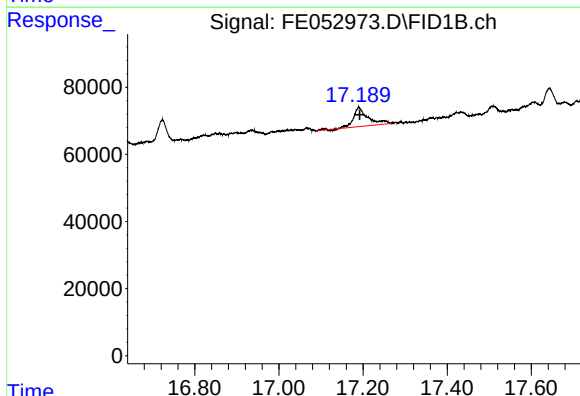
R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 153736
Conc: 1.07 ug/ml

Instrument :
FID_E
ClientSampleId :



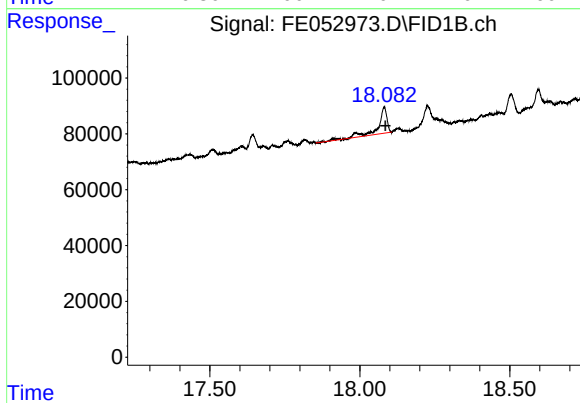
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.002 min
Response: 128824
Conc: 0.91 ug/ml



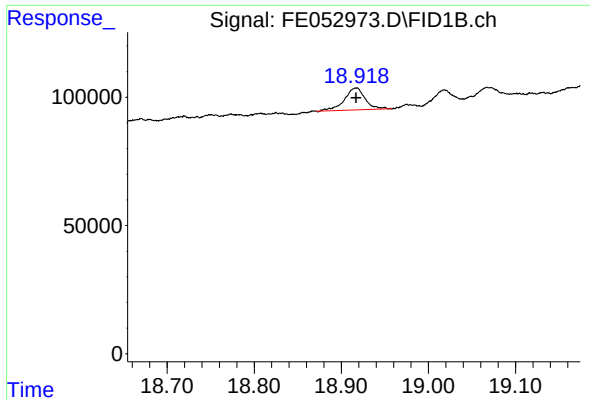
#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.002 min
Response: 136609
Conc: 0.96 ug/ml



#17 n-Tricontane (C30)

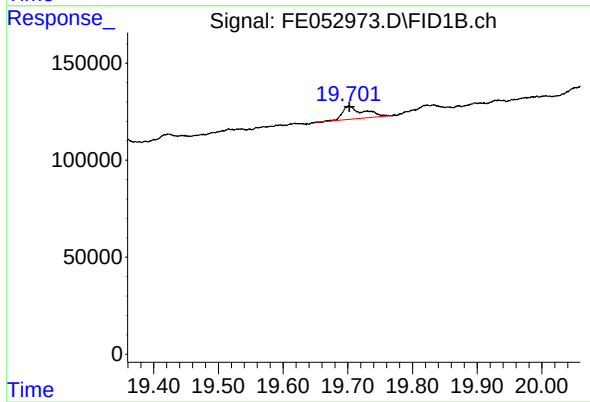
R.T.: 18.081 min
Delta R.T.: -0.004 min
Response: 187808
Conc: 1.27 ug/ml



#18 n-Dotriacontane (C32)

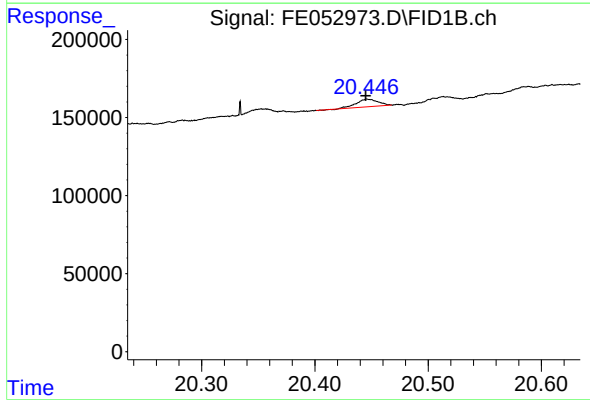
R.T.: 18.917 min
Delta R.T.: 0.000 min
Response: 140086
Conc: 0.96 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: 0.000 min
Response: 151617
Conc: 1.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: 0.002 min
Response: 63600
Conc: 0.54 ug/ml