

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041025AL\
 Data File : FE053310.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2025 18:03
 Operator : YP\AJ
 Sample : Q1771-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 02:10:16 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)	11.889	5681242	34.879 ug/ml
Spiked Amount 50.000		Recovery =	69.76%
12) S 1-chlorooctadecane (S...	13.334	4549869	37.902 ug/ml
Spiked Amount 50.000		Recovery =	75.80%
Target Compounds			
1) T n-Nonane (C9)	3.232	311896	2.014 ug/ml
2) T n-Decane (C10)	4.494	1351845	8.618 ug/ml
3) T A~Naphthalene (C11.7)	6.233	3251826	19.357 ug/ml
4) T n-Dodecane (C12)	6.678	5166949	33.037 ug/ml
5) T A~2-methylnaphthalene...	7.310	4933659	30.920 ug/ml
6) T n-Tetradecane (C14)	8.514	4941041	32.270 ug/ml
7) T n-Hexadecane (C16)	10.124	1857097	12.048 ug/ml
8) T n-Octadecane (C18)	11.571	441595	2.912 ug/ml
10) T n-Eicosane (C20)	12.886	436051	3.058 ug/ml
11) T n-Heneicosane (C21)	13.501	364534	2.627 ug/ml
13) T n-Docosane (C22)	14.089	424299	3.098 ug/ml
14) T n-Tetracosane (C24)	15.174	451474	3.343 ug/ml
15) T n-Hexacosane (C26)	16.227	615280	4.612 ug/ml
16) T n-Octacosane (C28)	17.192	740861	5.614 ug/ml
17) T n-Tricontane (C30)	18.064	529145	3.904 ug/ml
18) T n-Dotriacontane (C32)	18.899	545674	4.055 ug/ml
19) T n-Tetratriacontane (C34)	19.717	1381690	10.678 ug/ml
20) T n-Hexatriacontane (C36)	20.435	241041	2.029 ug/ml
21) T n-Octatriacontane (C38)	21.177	448909	3.906 ug/ml
22) T n-Tetracontane (C40)	22.093	1623864	14.458 ug/ml

(f)=RT Delta > 1/2 Window

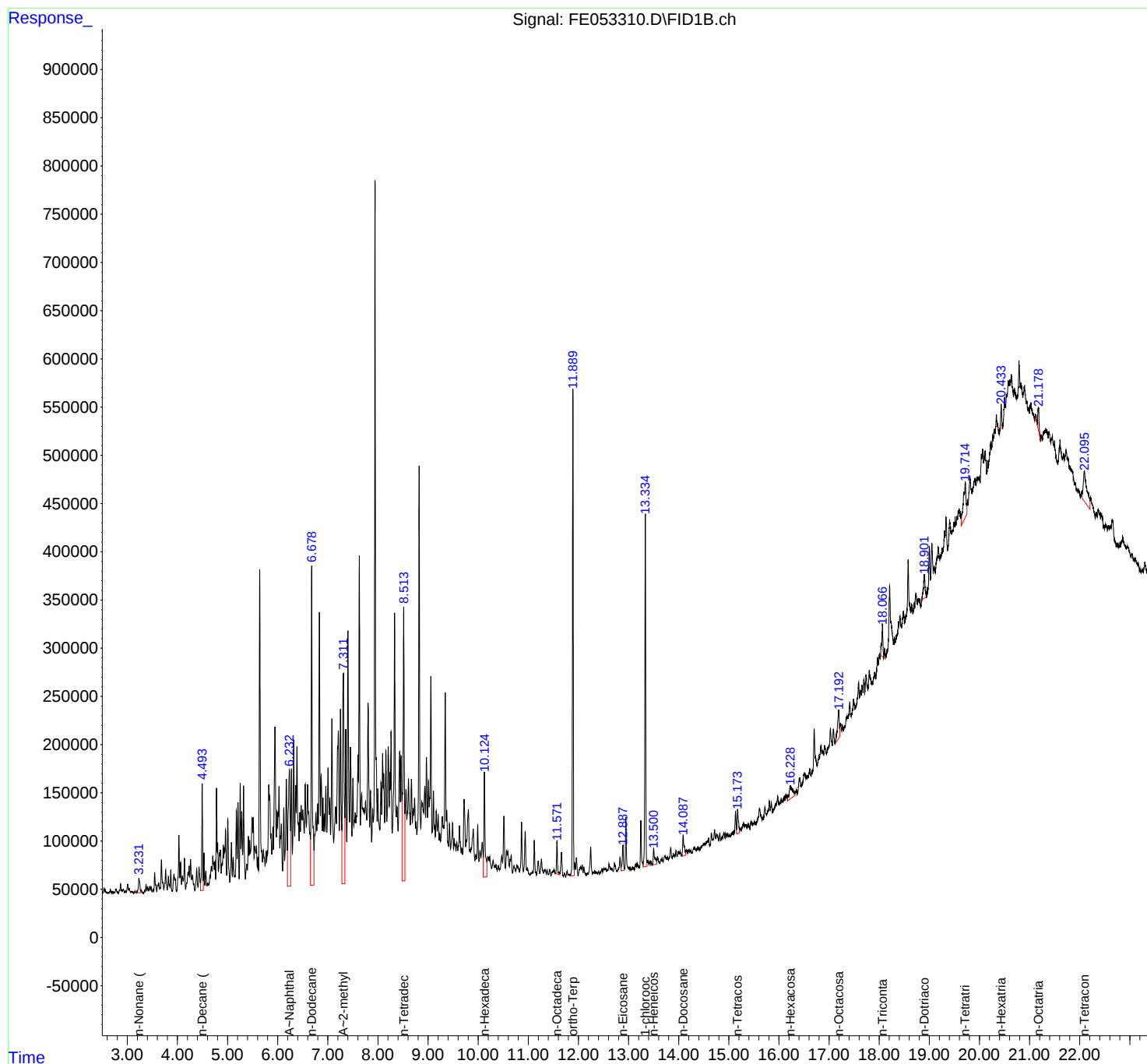
(m)=manual int.

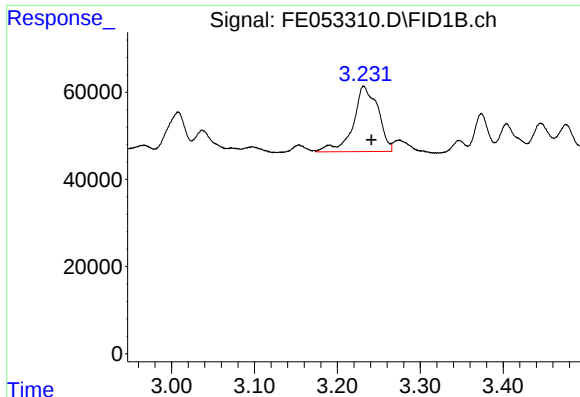
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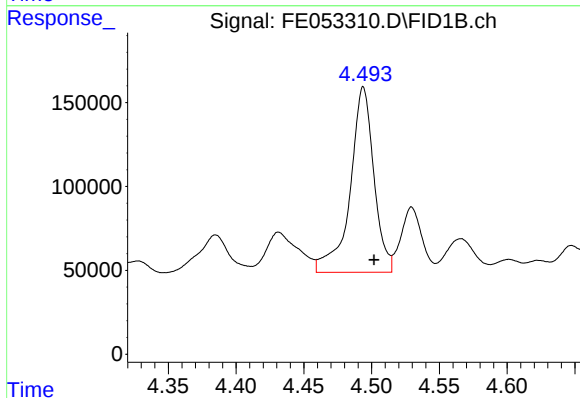




#1 n-Nonane (C9)

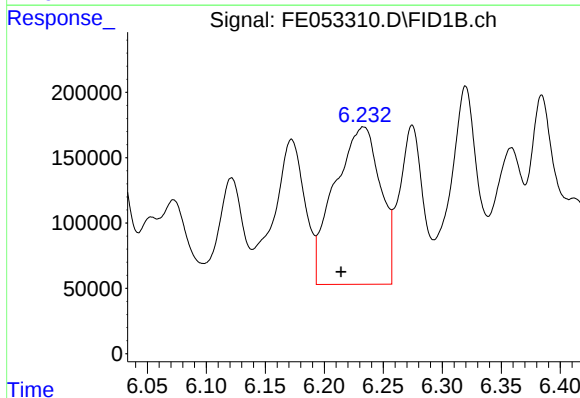
R.T.: 3.232 min
Delta R.T.: -0.009 min
Response: 311896
Conc: 2.01 ug/ml

Instrument :
FID_E
ClientSampleId :



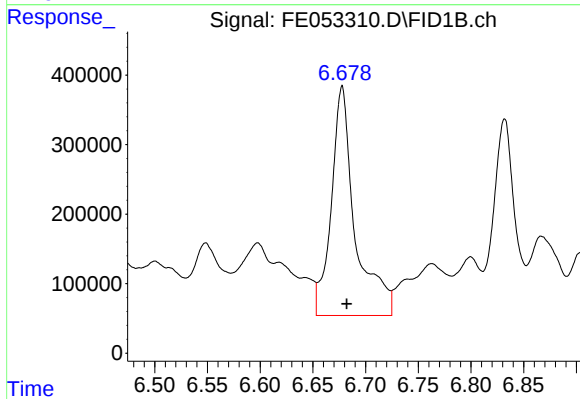
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.008 min
Response: 1351845
Conc: 8.62 ug/ml



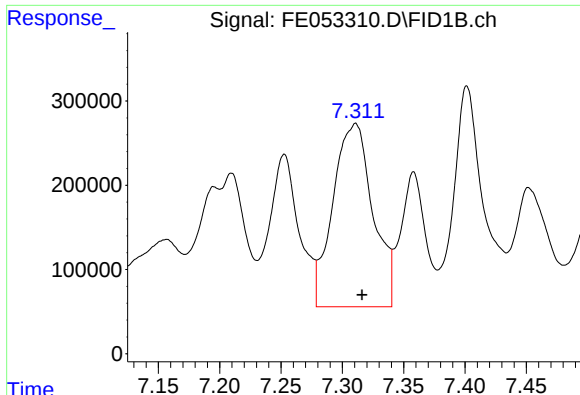
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: 0.019 min
Response: 3251826
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

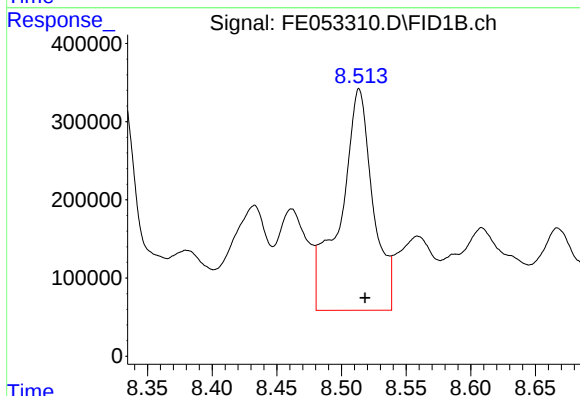
R.T.: 6.678 min
Delta R.T.: -0.005 min
Response: 5166949
Conc: 33.04 ug/ml



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

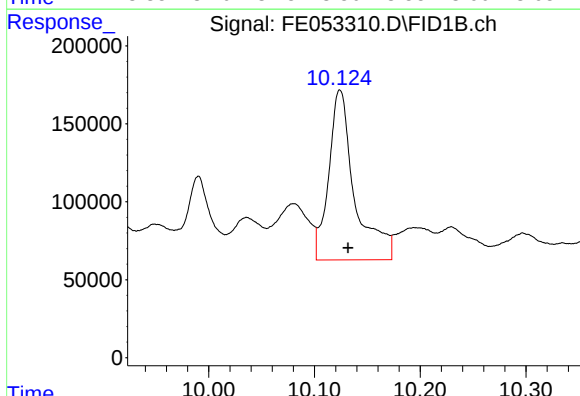
R.T.: 7.310 min
Delta R.T.: -0.006 min
Response: 4933659
Conc: 30.92 ug/ml

Instrument :
FID_E
ClientSampleId :



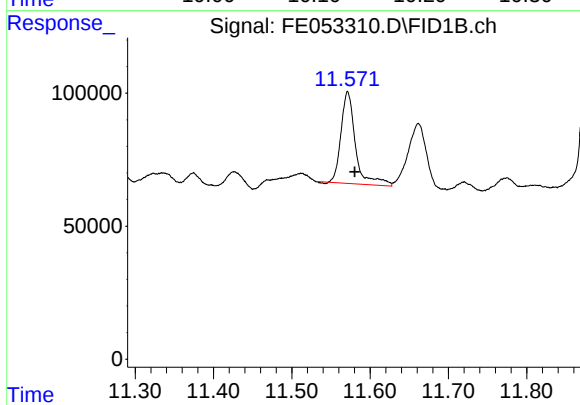
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 4941041
Conc: 32.27 ug/ml



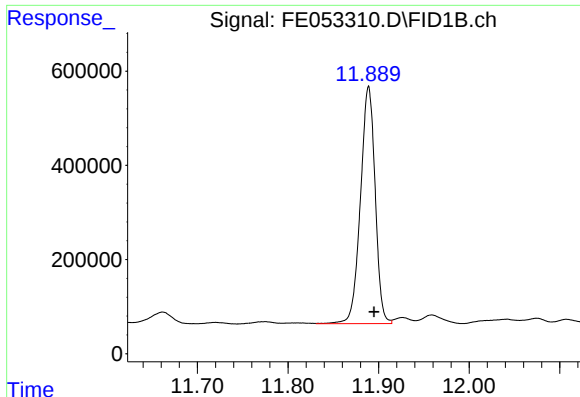
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.008 min
Response: 1857097
Conc: 12.05 ug/ml



#8 n-Octadecane (C18)

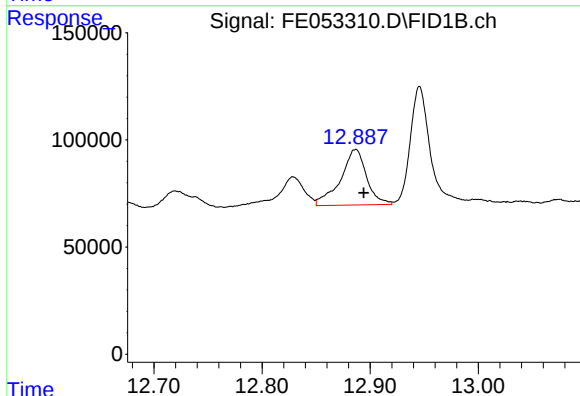
R.T.: 11.571 min
Delta R.T.: -0.009 min
Response: 441595
Conc: 2.91 ug/ml



#9 ortho-Terphenyl (SURR)

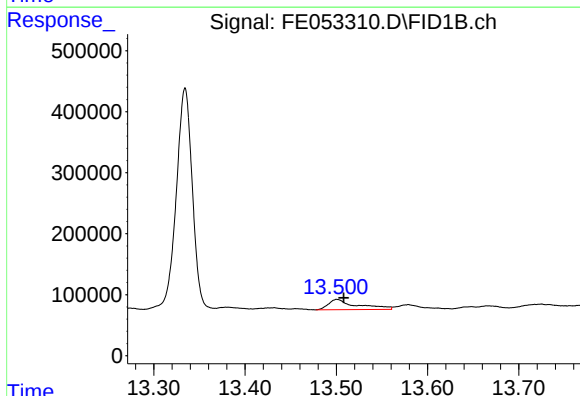
R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 5681242
Conc: 34.88 ug/ml

Instrument :
FID_E
ClientSampleId :



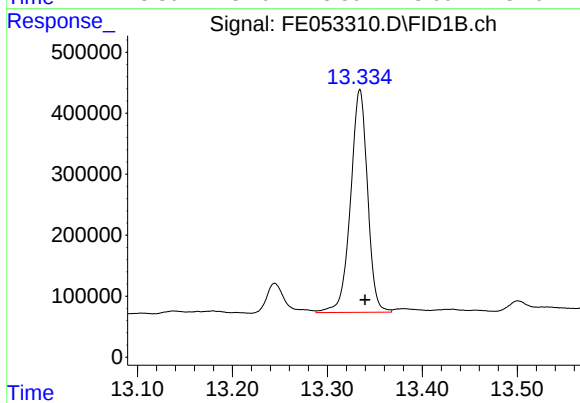
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.008 min
Response: 436051
Conc: 3.06 ug/ml



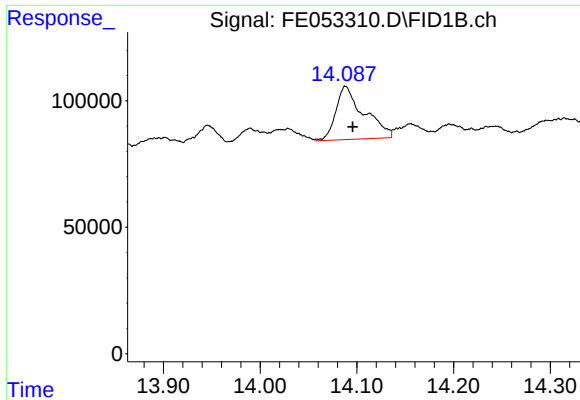
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.007 min
Response: 364534
Conc: 2.63 ug/ml



#12 1-chlorooctadecane (SURR)

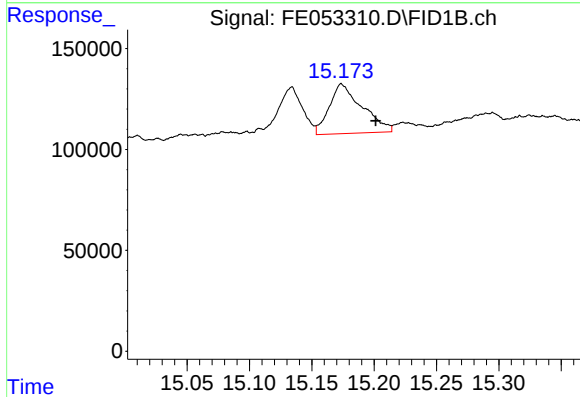
R.T.: 13.334 min
Delta R.T.: -0.005 min
Response: 4549869
Conc: 37.90 ug/ml



#13 n-Docosane (C22)

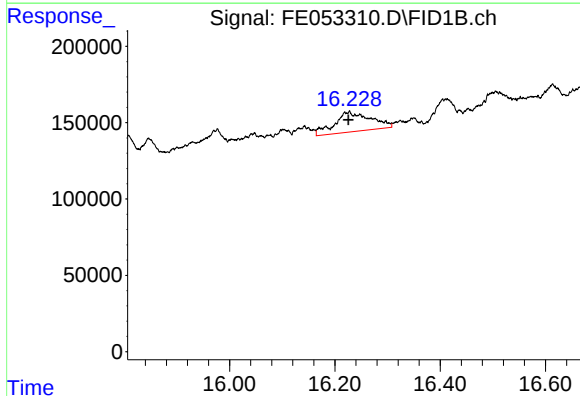
R.T.: 14.089 min
Delta R.T.: -0.007 min
Response: 424299
Conc: 3.10 ug/ml

Instrument :
FID_E
ClientSampleId :



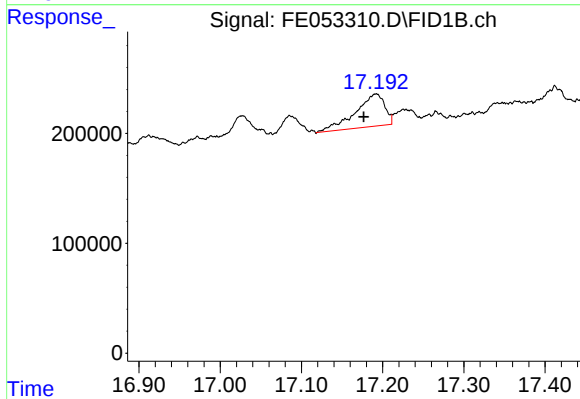
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: -0.027 min
Response: 451474
Conc: 3.34 ug/ml



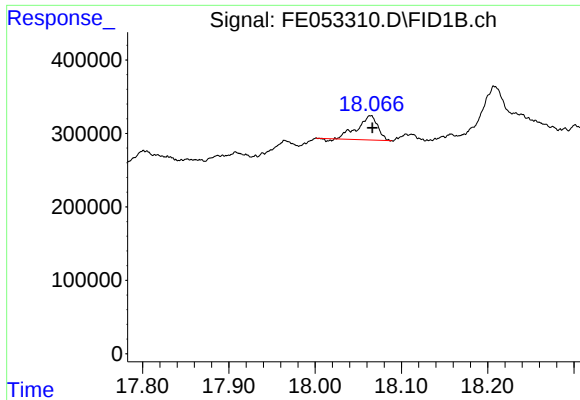
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: 0.001 min
Response: 615280
Conc: 4.61 ug/ml



#16 n-Octacosane (C28)

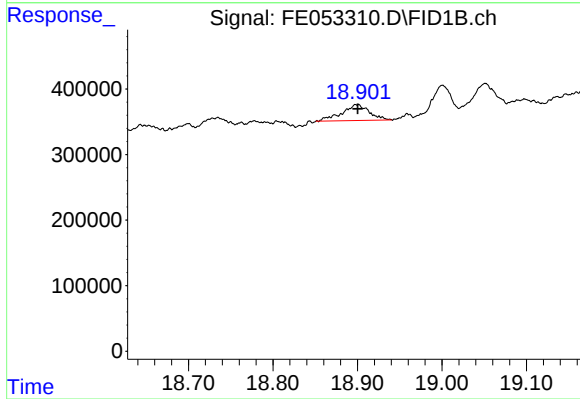
R.T.: 17.192 min
Delta R.T.: 0.015 min
Response: 740861
Conc: 5.61 ug/ml



#17 n-Tricontane (C30)

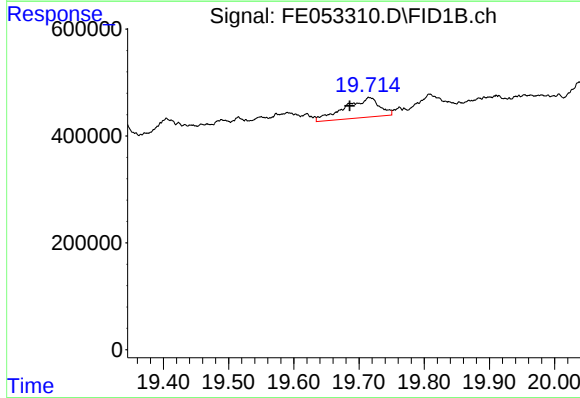
R.T.: 18.064 min
Delta R.T.: -0.002 min
Response: 529145
Conc: 3.90 ug/ml

Instrument :
FID_E
ClientSampleId :



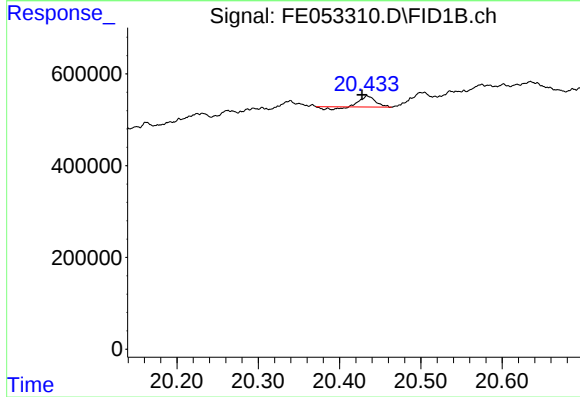
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.001 min
Response: 545674
Conc: 4.06 ug/ml



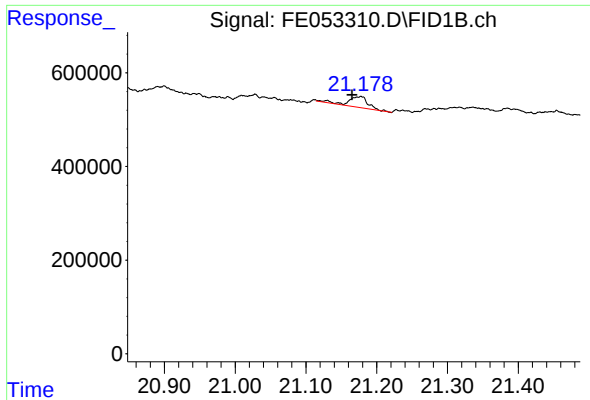
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.031 min
Response: 1381690
Conc: 10.68 ug/ml



#20 n-Hexatriacontane (C36)

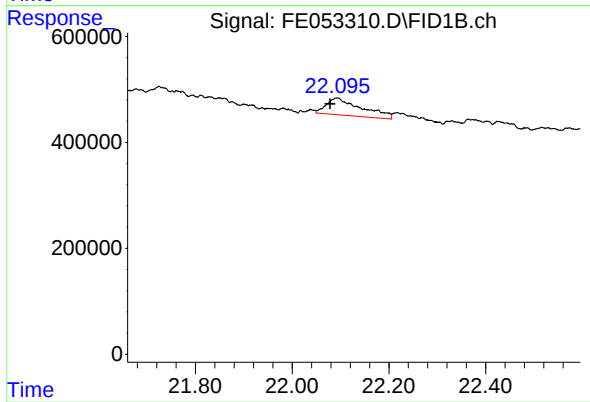
R.T.: 20.435 min
Delta R.T.: 0.007 min
Response: 241041
Conc: 2.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.012 min
Response: 448909
Conc: 3.91 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.093 min
Delta R.T.: 0.015 min
Response: 1623864
Conc: 14.46 ug/ml