

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082624AL\
 Data File : FE049766.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2024 18:45
 Operator : YP\AJ
 Sample : P3727-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 01:22:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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)	11.888	3424850	21.179 ug/ml
Spiked Amount 50.000		Recovery =	42.36%
12) S 1-chlorooctadecane (S...	13.323	3488880	28.596 ug/ml
Spiked Amount 50.000		Recovery =	57.19%
Target Compounds			
1) T n-Nonane (C9)	3.288	68772	0.444 ug/ml
2) T n-Decane (C10)	4.523	184115	1.166 ug/ml
3) T A~Naphthalene (C11.7)	6.242	631223	3.934 ug/ml
4) T n-Dodecane (C12)	6.693	1949015	12.398 ug/ml
5) T A~2-methylnaphthalene...	7.313	1107517	7.396 ug/ml
6) T n-Tetradecane (C14)	8.520	1310241	8.487 ug/ml
7) T n-Hexadecane (C16)	10.125	662976	4.245 ug/ml
8) T n-Octadecane (C18)	11.567	227942	1.451 ug/ml
11) T n-Heneicosane (C21)	13.489	143741	0.980 ug/ml
13) T n-Docosane (C22)	14.075	56296	0.386 ug/ml
14) T n-Tetracosane (C24)	15.168	1457886	10.022 ug/ml
15) T n-Hexacosane (C26)	16.198	154215	1.069 ug/ml
16) T n-Octacosane (C28)	17.173	1312823	9.114 ug/ml
17) T n-Tricontane (C30)	18.041	1134480	7.578 ug/ml
18) T n-Dotriacontane (C32)	18.870	844193	5.580 ug/ml
19) T n-Tetratriacontane (C34)	19.659	428271	2.801 ug/ml
20) T n-Hexatriacontane (C36)	20.402	369715	2.435 ug/ml
21) T n-Octatriacontane (C38)	21.135	651639	4.152 ug/ml
22) T n-Tetracontane (C40)	22.023	250534	1.641 ug/ml

(f)=RT Delta > 1/2 Window

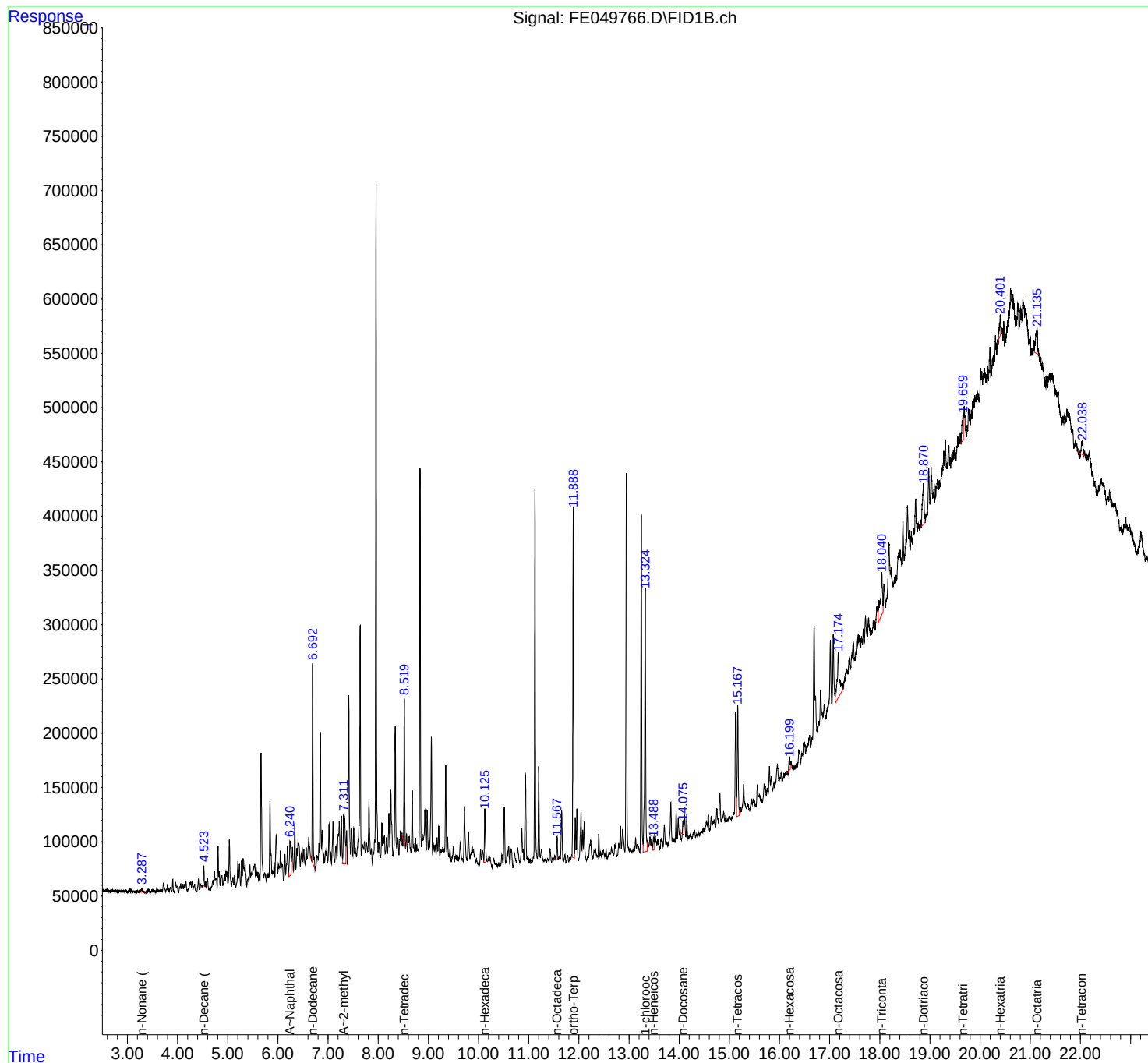
(m)=manual int.

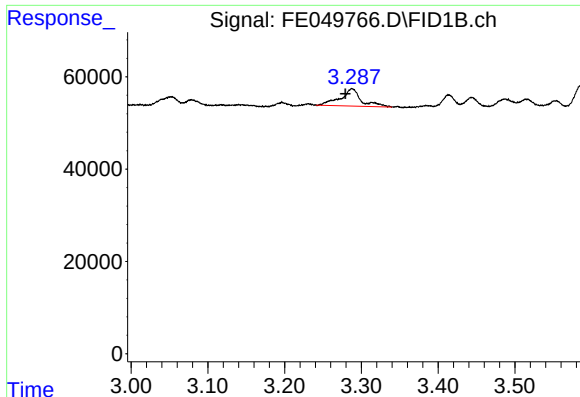
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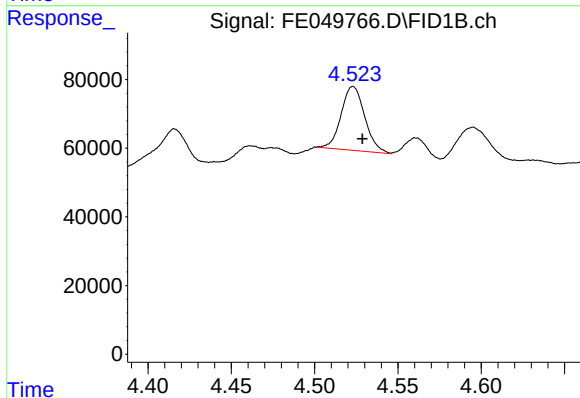




#1 n-Nonane (C9)

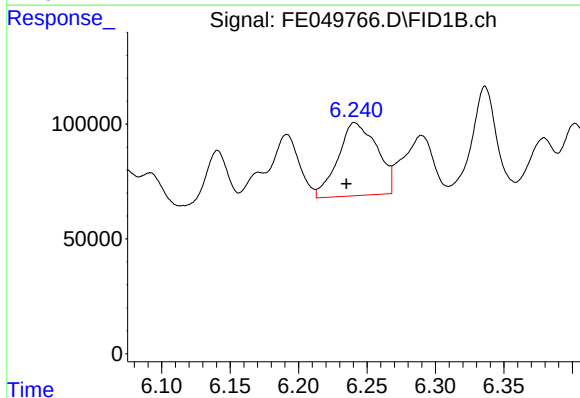
R.T.: 3.288 min
Delta R.T.: 0.009 min
Response: 68772
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :



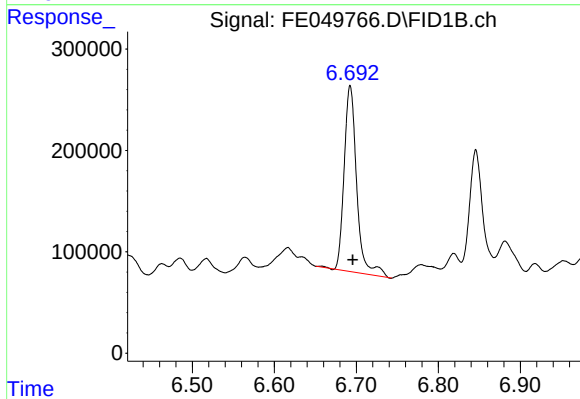
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.005 min
Response: 184115
Conc: 1.17 ug/ml



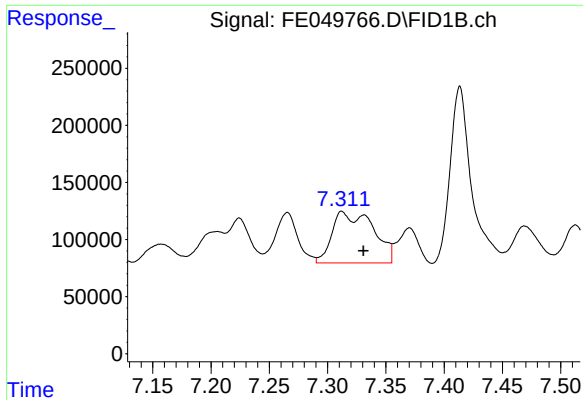
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: 0.007 min
Response: 631223
Conc: 3.93 ug/ml



#4 n-Dodecane (C12)

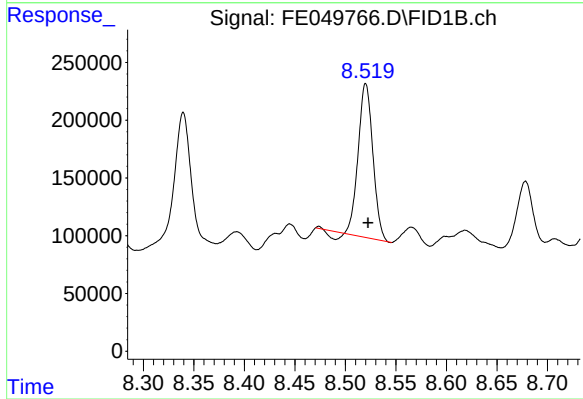
R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 1949015
Conc: 12.40 ug/ml



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

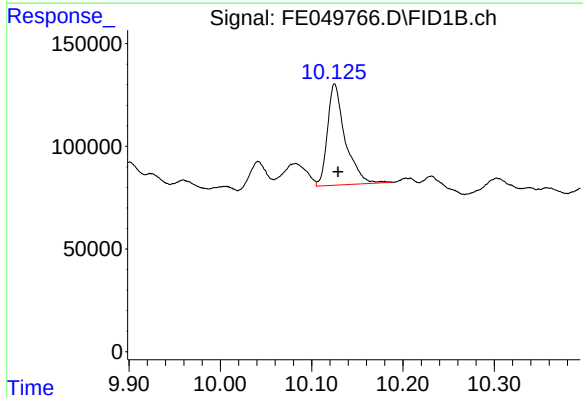
R.T.: 7.313 min
Delta R.T.: -0.018 min
Response: 1107517
Conc: 7.40 ug/ml

Instrument :
FID_E
ClientSampleId :



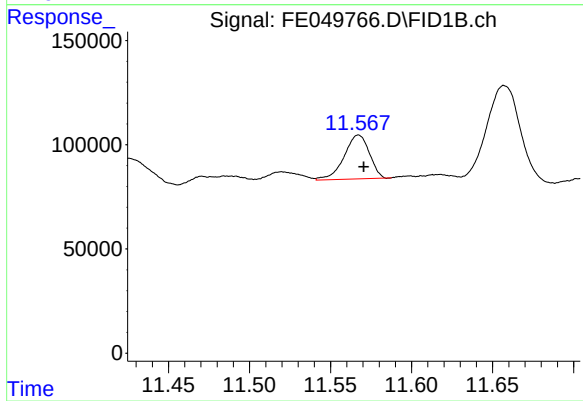
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.002 min
Response: 1310241
Conc: 8.49 ug/ml



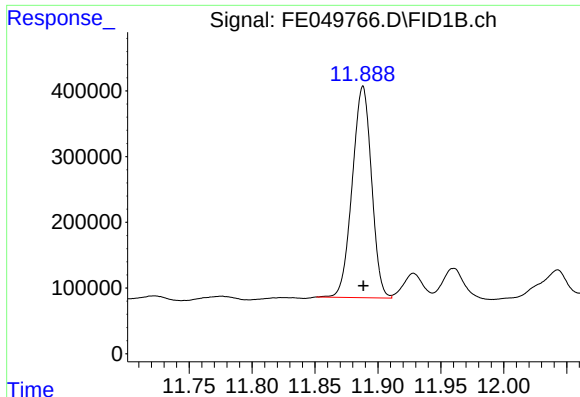
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.003 min
Response: 662976
Conc: 4.24 ug/ml



#8 n-Octadecane (C18)

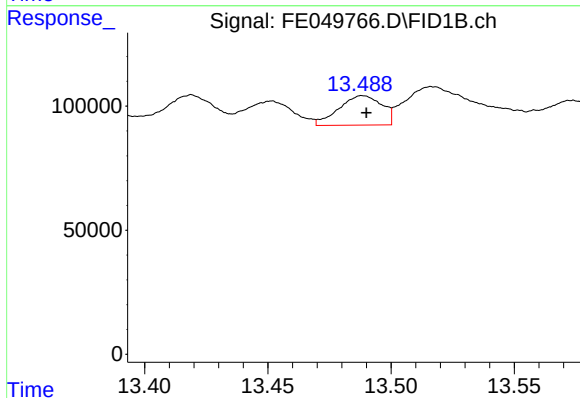
R.T.: 11.567 min
Delta R.T.: -0.003 min
Response: 227942
Conc: 1.45 ug/ml



#9 ortho-Terphenyl (SURR)

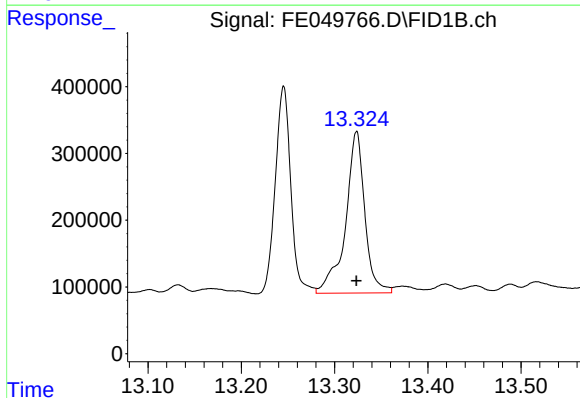
R.T.: 11.888 min
Delta R.T.: 0.000 min
Response: 3424850
Conc: 21.18 ug/ml

Instrument :
FID_E
ClientSampleId :



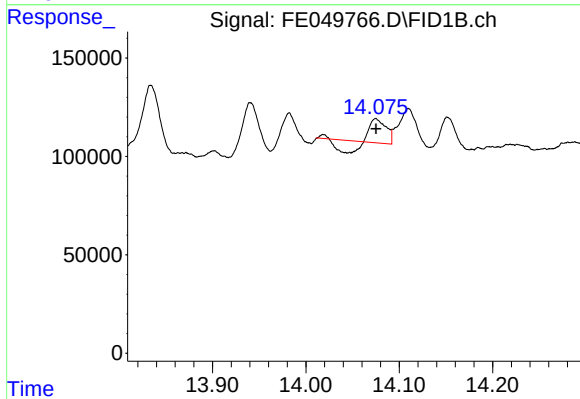
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.001 min
Response: 143741
Conc: 0.98 ug/ml



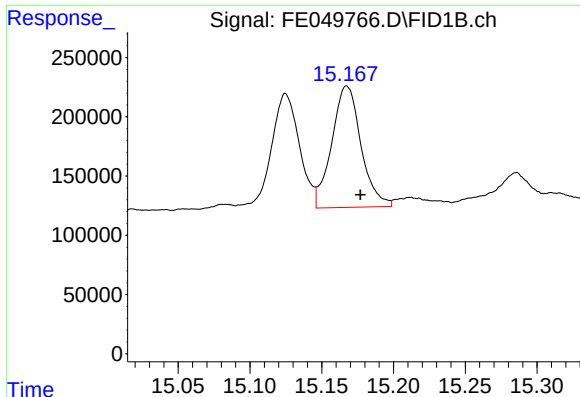
#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: 0.000 min
Response: 3488880
Conc: 28.60 ug/ml



#13 n-Docosane (C22)

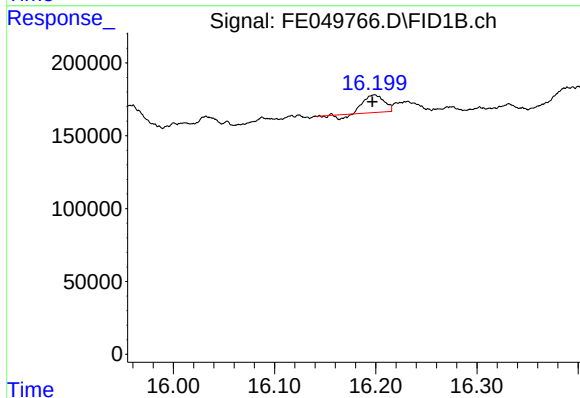
R.T.: 14.075 min
Delta R.T.: 0.000 min
Response: 56296
Conc: 0.39 ug/ml



#14 n-Tetracosane (C24)

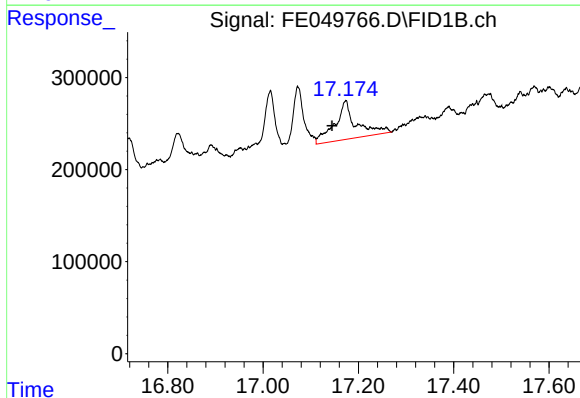
R.T.: 15.168 min
Delta R.T.: -0.009 min
Response: 1457886
Conc: 10.02 ug/ml

Instrument :
FID_E
ClientSampleId :



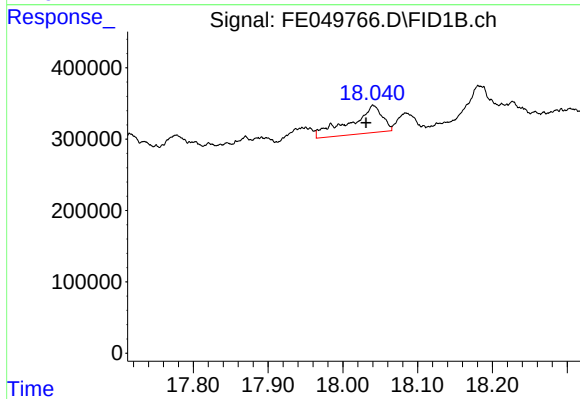
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: 0.002 min
Response: 154215
Conc: 1.07 ug/ml



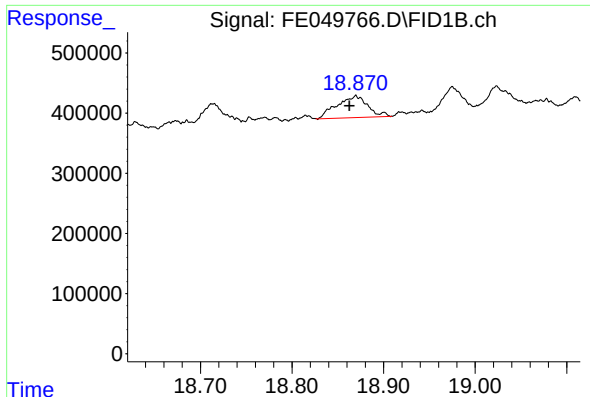
#16 n-Octacosane (C28)

R.T.: 17.173 min
Delta R.T.: 0.028 min
Response: 1312823
Conc: 9.11 ug/ml



#17 n-Tricontane (C30)

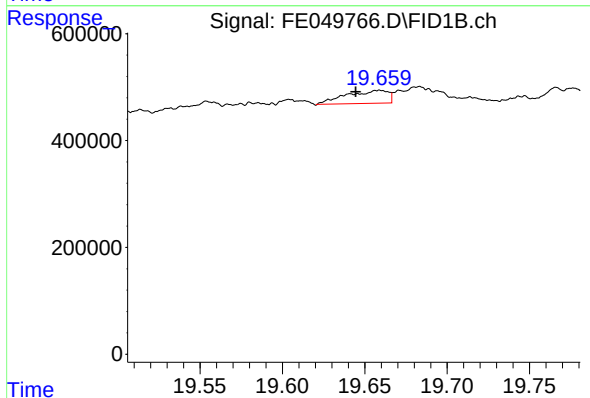
R.T.: 18.041 min
Delta R.T.: 0.010 min
Response: 1134480
Conc: 7.58 ug/ml



#18 n-Dotriacontane (C32)

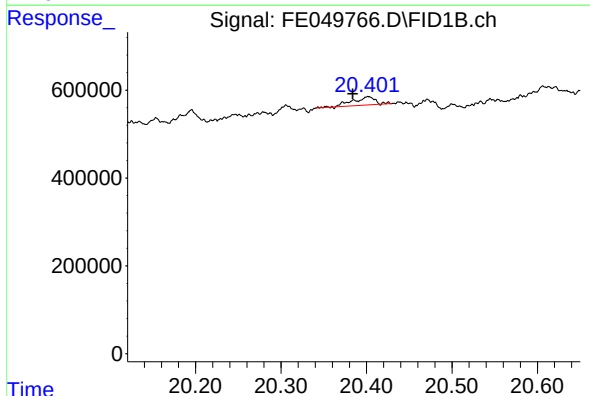
R.T.: 18.870 min
Delta R.T.: 0.008 min
Response: 844193
Conc: 5.58 ug/ml

Instrument :
FID_E
ClientSampleId :



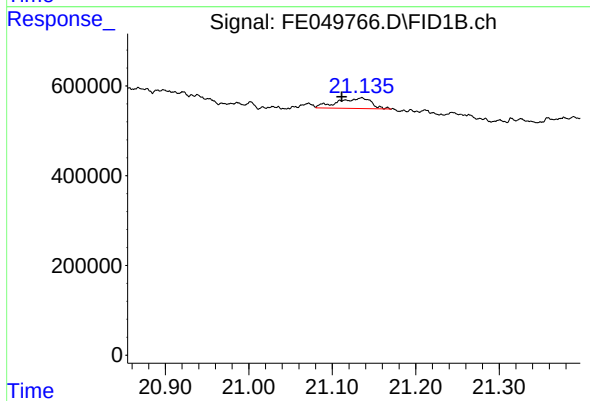
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.015 min
Response: 428271
Conc: 2.80 ug/ml



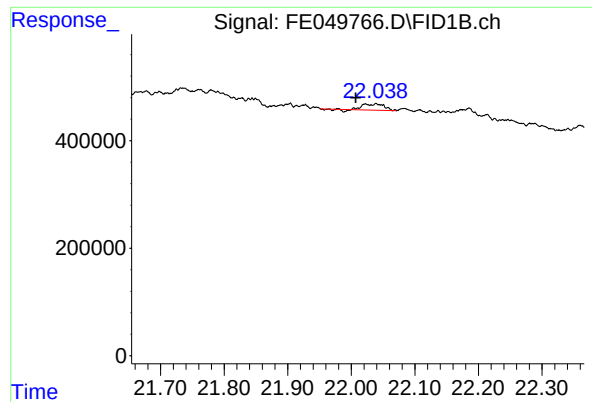
#20 n-Hexatriacontane (C36)

R.T.: 20.402 min
Delta R.T.: 0.018 min
Response: 369715
Conc: 2.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: 0.023 min
Response: 651639
Conc: 4.15 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 22.023 min
Delta R.T.: 0.015 min
Response: 250534
Conc: 1.64 ug/ml

Instrument :

FID_E

ClientSampleId :