

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044958.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 21:10
 Operator : YP\AJ
 Sample : 04976-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 21 00:48:04 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)	11.900	4558079	22.737 ug/ml
Spiked Amount 50.000		Recovery =	45.47%
12) S 1-chlorooctadecane (S...	13.334	11962354	80.834 ug/ml
Spiked Amount 50.000		Recovery =	161.67%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.237	23159	0.125 ug/ml
4) T n-Dodecane (C12)	6.701	252663	1.464 ug/ml
5) T A~2-methylnaphthalene...	7.336	238950	1.325 ug/ml
6) T n-Tetradecane (C14)	8.528	761148	4.439 ug/ml
7) T n-Hexadecane (C16)	10.138	843774	4.825 ug/ml
8) T n-Octadecane (C18)	11.584	771376	4.423 ug/ml
10) T n-Eicosane (C20)	12.895	645923	3.867 ug/ml
11) T n-Heneicosane (C21)	13.534	3535025	21.686 ug/ml
13) T n-Docosane (C22)	14.097	614404	3.841 ug/ml
14) T n-Tetracosane (C24)	15.199	224276	1.445 ug/ml
15) T n-Hexacosane (C26)	16.225	153226	1.021 ug/ml
16) T n-Octacosane (C28)	17.176	286796	1.953 ug/ml
17) T n-Tricontane (C30)	18.065	415231	2.792 ug/ml
18) T n-Dotriacontane (C32)	18.899	201753	1.344 ug/ml
19) T n-Tetratriacontane (C34)	19.694	343064	2.305 ug/ml
20) T n-Hexatriacontane (C36)	20.435	139739	0.909 ug/ml
21) T n-Octatriacontane (C38)	21.173	272972	1.747 ug/ml
22) T n-Tetracontane (C40)	22.087	239985	1.436 ug/ml

(f)=RT Delta > 1/2 Window

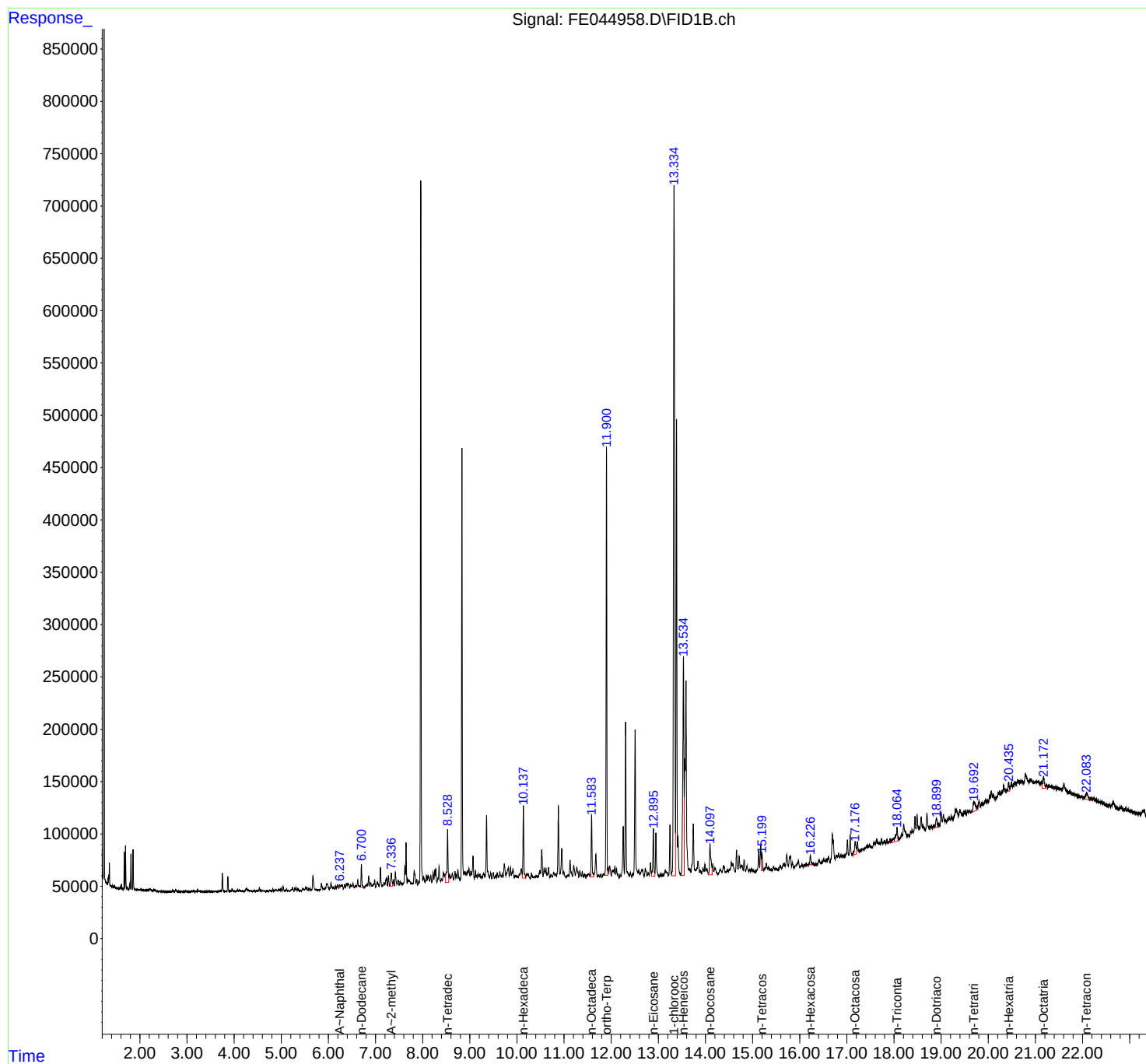
(m)=manual int.

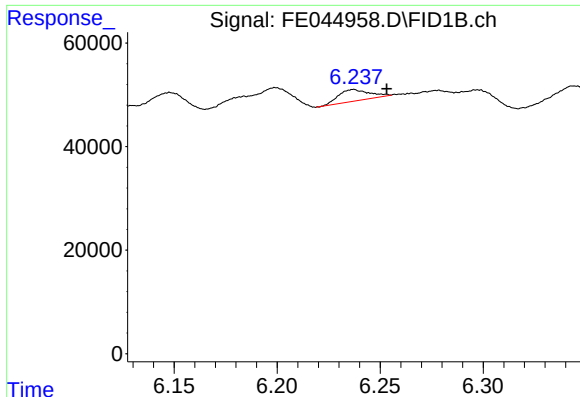
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
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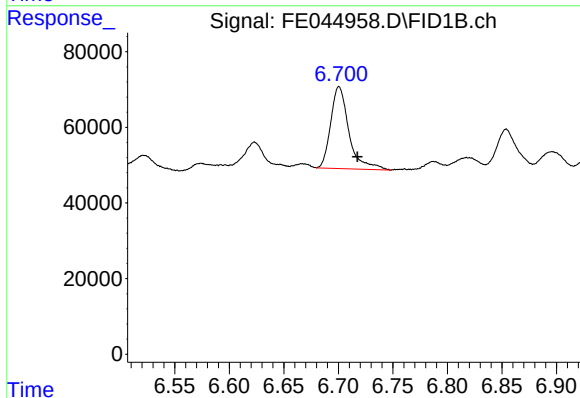




#3 A~Naphthalene (C11.7)

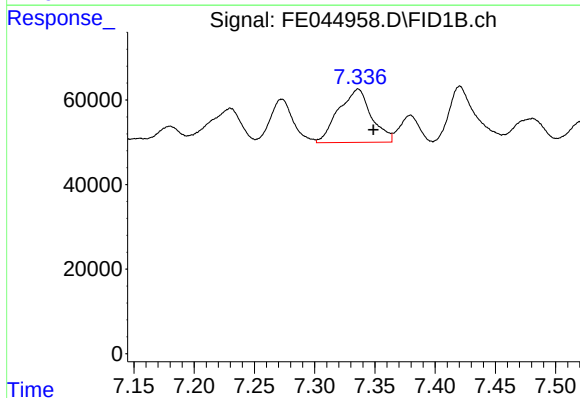
R.T.: 6.237 min
Delta R.T.: -0.016 min
Response: 23159
Conc: 0.13 ug/ml

Instrument :
FID_E
ClientSampleId :



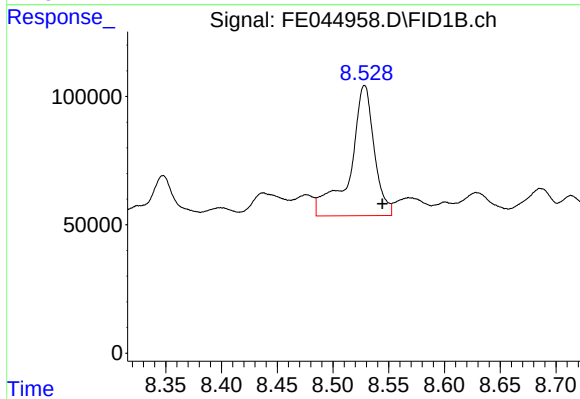
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.017 min
Response: 252663
Conc: 1.46 ug/ml



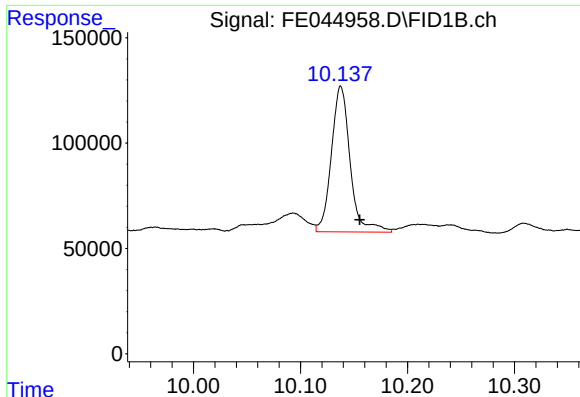
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.336 min
Delta R.T.: -0.013 min
Response: 238950
Conc: 1.32 ug/ml



#6 n-Tetradecane (C14)

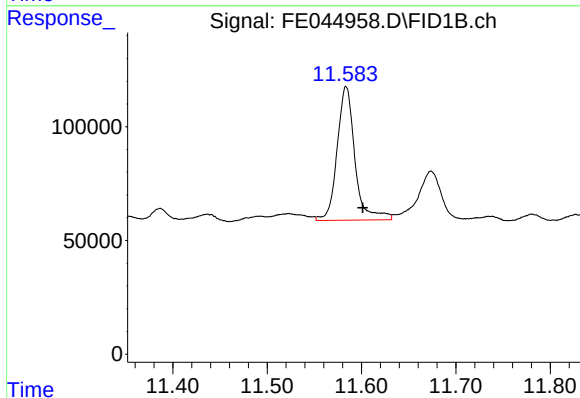
R.T.: 8.528 min
Delta R.T.: -0.016 min
Response: 761148
Conc: 4.44 ug/ml



#7 n-Hexadecane (C16)

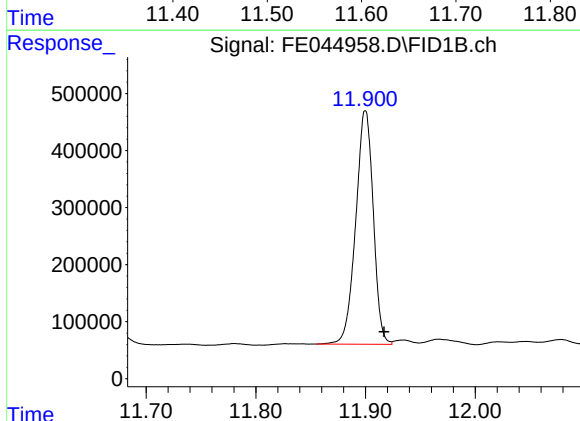
R.T.: 10.138 min
Delta R.T.: -0.018 min
Response: 843774
Conc: 4.83 ug/ml

Instrument :
FID_E
ClientSampleId :



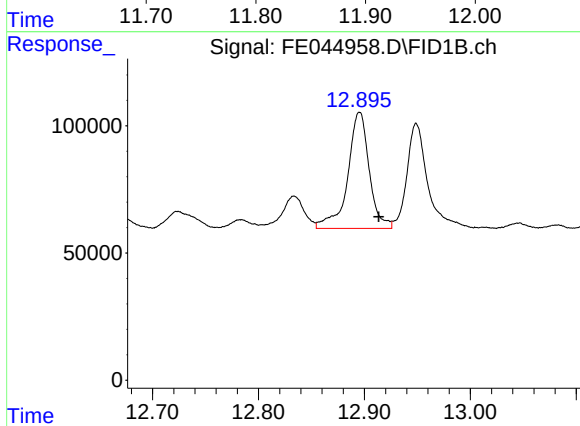
#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.017 min
Response: 771376
Conc: 4.42 ug/ml



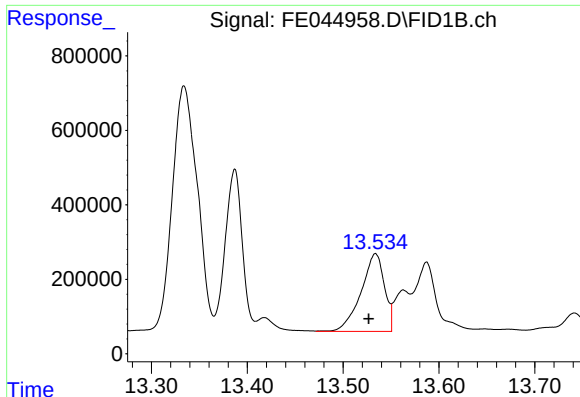
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 4558079
Conc: 22.74 ug/ml



#10 n-Eicosane (C20)

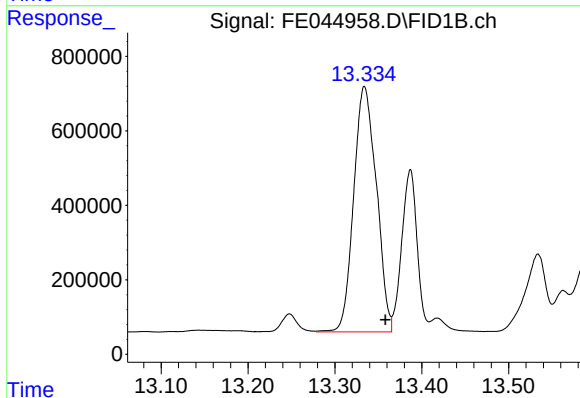
R.T.: 12.895 min
Delta R.T.: -0.018 min
Response: 645923
Conc: 3.87 ug/ml



#11 n-Heneicosane (C21)

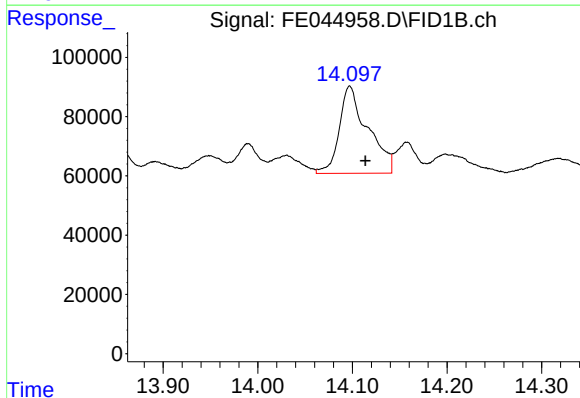
R.T.: 13.534 min
Delta R.T.: 0.007 min
Response: 3535025
Conc: 21.69 ug/ml

Instrument :
FID_E
ClientSampleId :



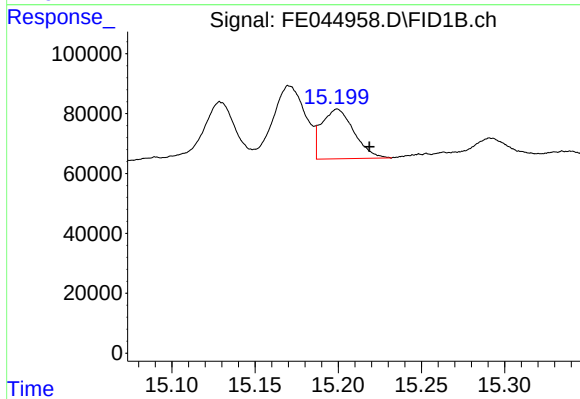
#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.024 min
Response: 11962354
Conc: 80.83 ug/ml



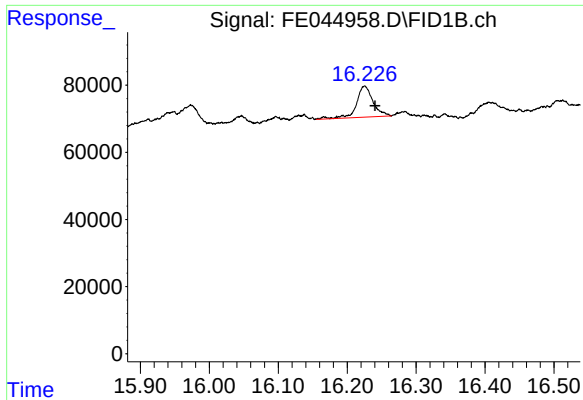
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.017 min
Response: 614404
Conc: 3.84 ug/ml



#14 n-Tetracosane (C24)

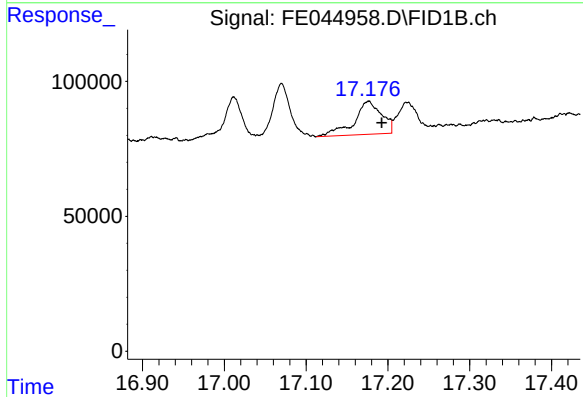
R.T.: 15.199 min
Delta R.T.: -0.019 min
Response: 224276
Conc: 1.45 ug/ml



#15 n-Hexacosane (C26)

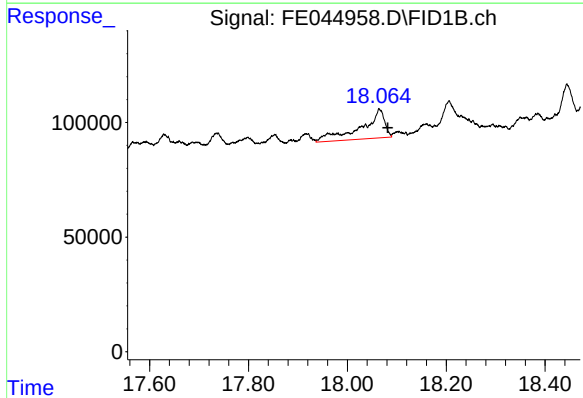
R.T.: 16.225 min
Delta R.T.: -0.015 min
Response: 153226
Conc: 1.02 ug/ml

Instrument :
FID_E
ClientSampleId :



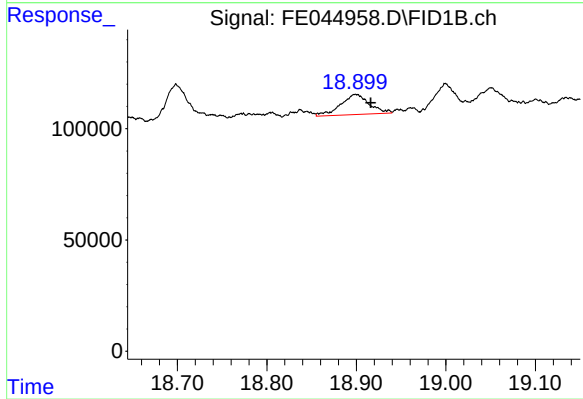
#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.017 min
Response: 286796
Conc: 1.95 ug/ml



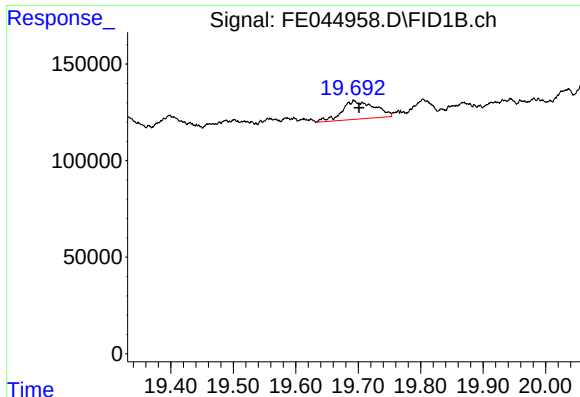
#17 n-Tricontane (C30)

R.T.: 18.065 min
Delta R.T.: -0.016 min
Response: 415231
Conc: 2.79 ug/ml



#18 n-Dotriacontane (C32)

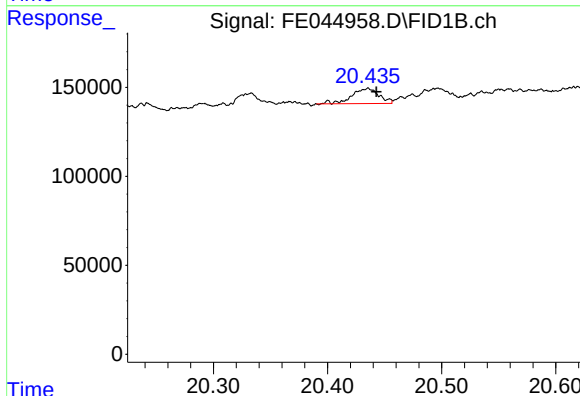
R.T.: 18.899 min
Delta R.T.: -0.017 min
Response: 201753
Conc: 1.34 ug/ml



#19 n-Tetratriacontane (C34)

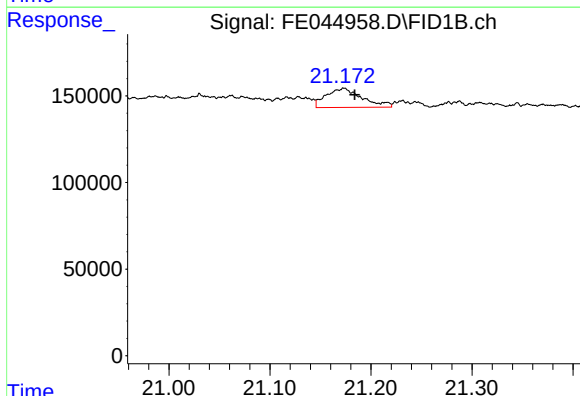
R.T.: 19.694 min
Delta R.T.: -0.008 min
Response: 343064
Conc: 2.30 ug/ml

Instrument :
FID_E
ClientSampleId :



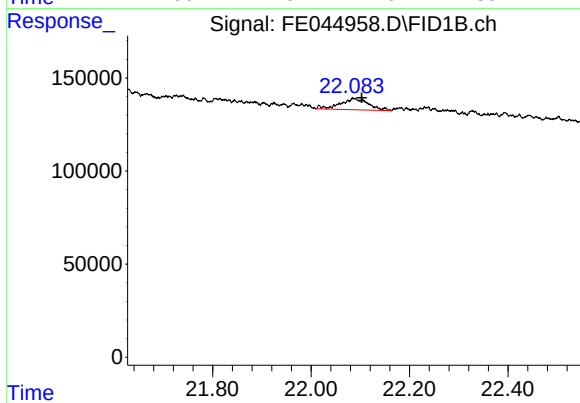
#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: -0.008 min
Response: 139739
Conc: 0.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.011 min
Response: 272972
Conc: 1.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: -0.017 min
Response: 239985
Conc: 1.44 ug/ml