

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044804.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 05:17
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 12 05:42:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 05:18:53 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)	11.912	2153392	10.950 ug/ml
Spiked Amount 50.000		Recovery =	21.90%
12) S 1-chlorooctadecane (S...	13.354	1585865	10.905 ug/ml
Spiked Amount 50.000		Recovery =	21.81%
Target Compounds			
1) T n-Nonane (C9)	3.296	1803121	10.945 ug/ml
2) T n-Decane (C10)	4.547	1834141	10.956 ug/ml
3) T A~Naphthalene (C11.7)	6.248	1981872	10.854 ug/ml
4) T n-Dodecane (C12)	6.712	1852175	10.904 ug/ml
5) T A~2-methylnaphthalene...	7.344	1926467	10.790 ug/ml
6) T n-Tetradecane (C14)	8.540	1841879	10.912 ug/ml
7) T n-Hexadecane (C16)	10.151	1881847	10.952 ug/ml
8) T n-Octadecane (C18)	11.596	1876068	10.957 ug/ml
10) T n-Eicosane (C20)	12.908	1795843	10.966 ug/ml
11) T n-Heneicosane (C21)	13.522	1751087	10.955 ug/ml
13) T n-Docosane (C22)	14.108	1713096	10.925 ug/ml
14) T n-Tetracosane (C24)	15.214	1656401	10.887 ug/ml
15) T n-Hexacosane (C26)	16.236	1599255	10.867 ug/ml
16) T n-Octacosane (C28)	17.189	1557062	10.840 ug/ml
17) T n-Tricontane (C30)	18.077	1586094	10.914 ug/ml
18) T n-Dotriacontane (C32)	18.912	1600537	10.950 ug/ml
19) T n-Tetratriacontane (C34)	19.696	1587943	10.937 ug/ml
20) T n-Hexatriacontane (C36)	20.439	1634383	10.895 ug/ml
21) T n-Octatriacontane (C38)	21.179	1663311	10.856 ug/ml
22) T n-Tetracontane (C40)	22.100	1795830	10.985 ug/ml

(f)=RT Delta > 1/2 Window

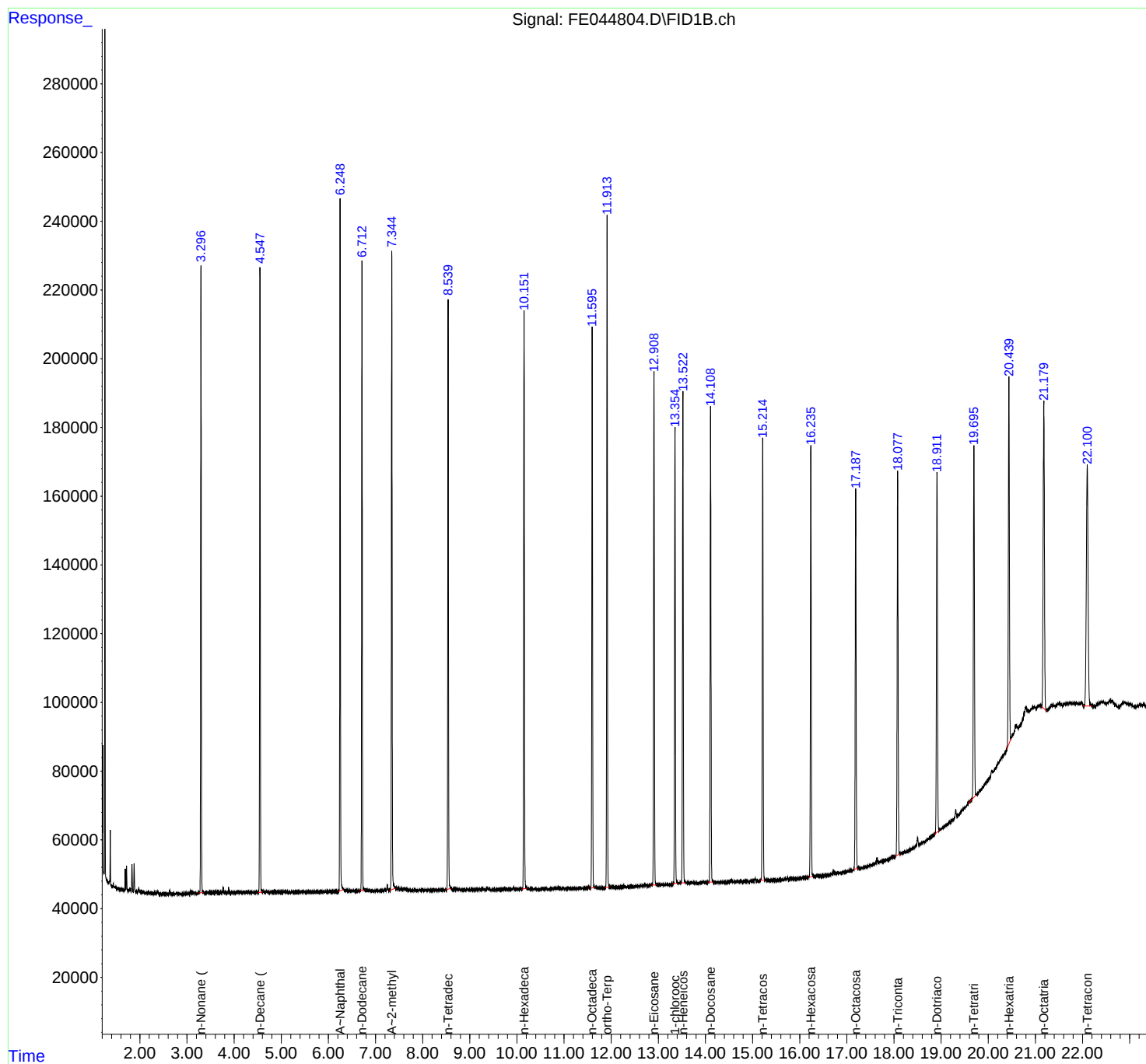
(m)=manual int.

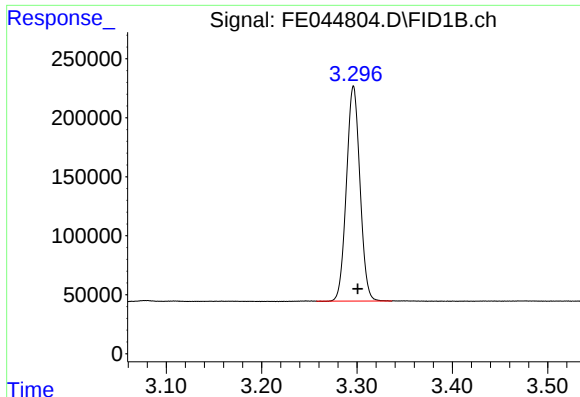
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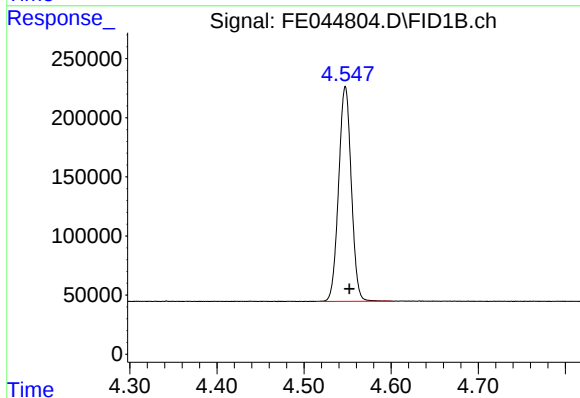




#1 n-Nonane (C9)

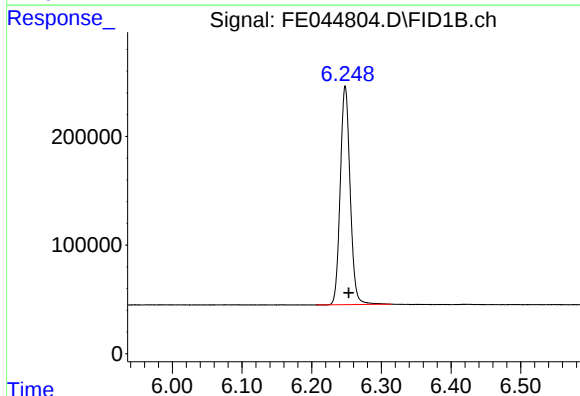
R.T.: 3.296 min
Delta R.T.: -0.005 min
Response: 1803121
Conc: 10.95 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



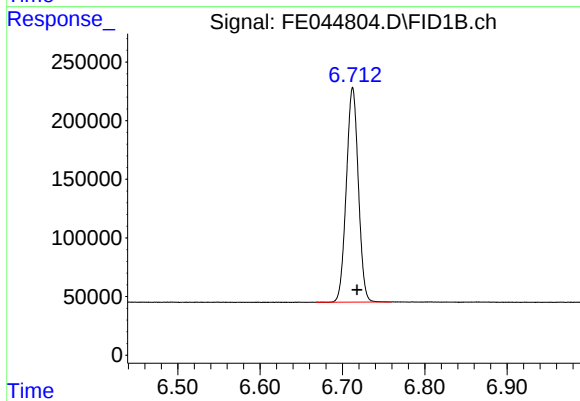
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.005 min
Response: 1834141
Conc: 10.96 ug/ml



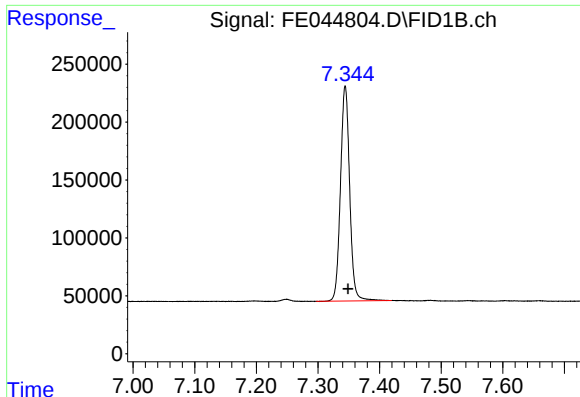
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.005 min
Response: 1981872
Conc: 10.85 ug/ml



#4 n-Dodecane (C12)

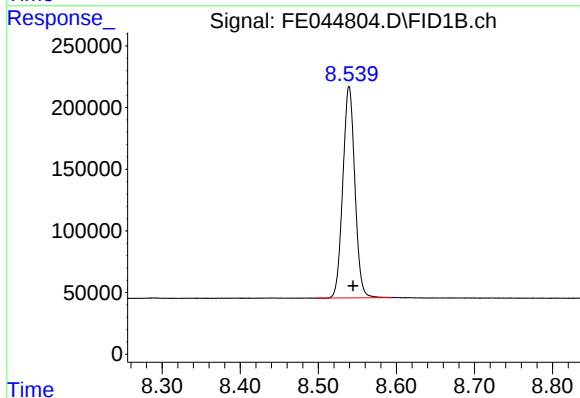
R.T.: 6.712 min
Delta R.T.: -0.005 min
Response: 1852175
Conc: 10.90 ug/ml



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

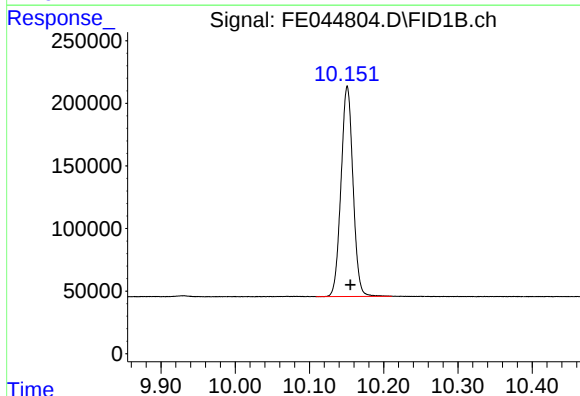
R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 1926467
Conc: 10.79 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



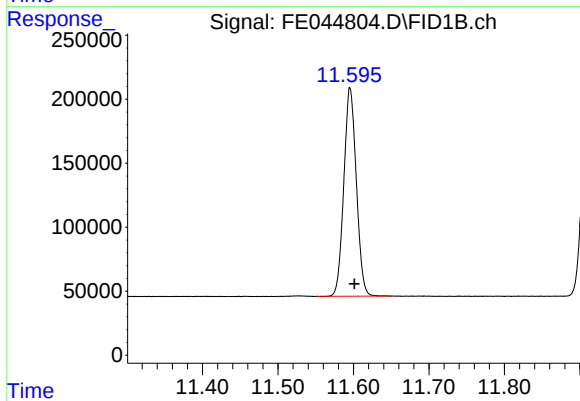
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.005 min
Response: 1841879
Conc: 10.91 ug/ml



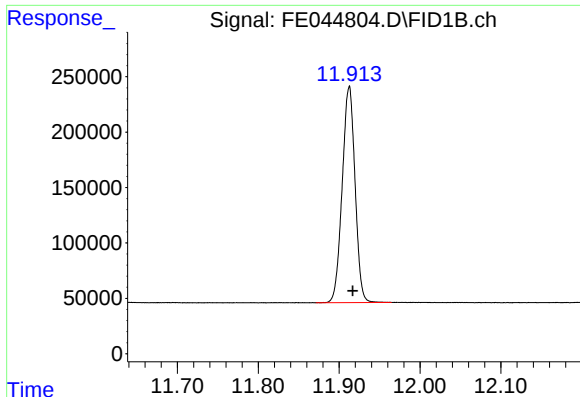
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.004 min
Response: 1881847
Conc: 10.95 ug/ml



#8 n-Octadecane (C18)

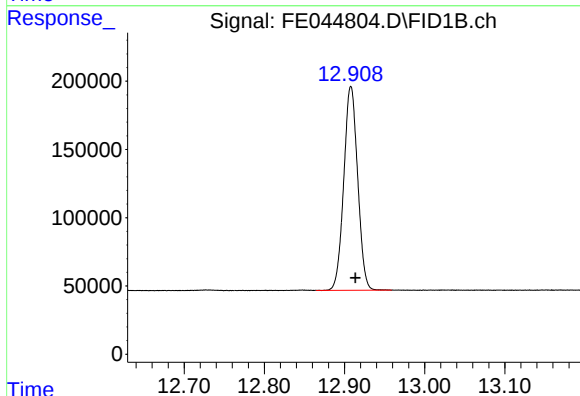
R.T.: 11.596 min
Delta R.T.: -0.006 min
Response: 1876068
Conc: 10.96 ug/ml



#9 ortho-Terphenyl (SURR)

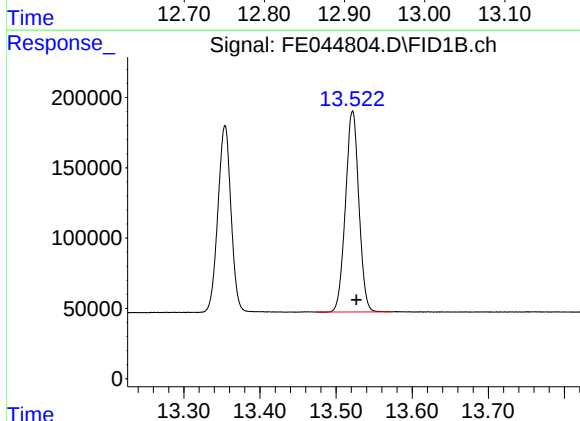
R.T.: 11.912 min
Delta R.T.: -0.004 min
Response: 2153392
Conc: 10.95 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



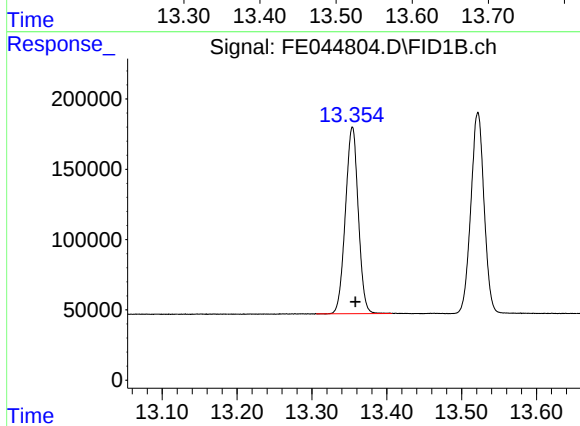
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.005 min
Response: 1795843
Conc: 10.97 ug/ml



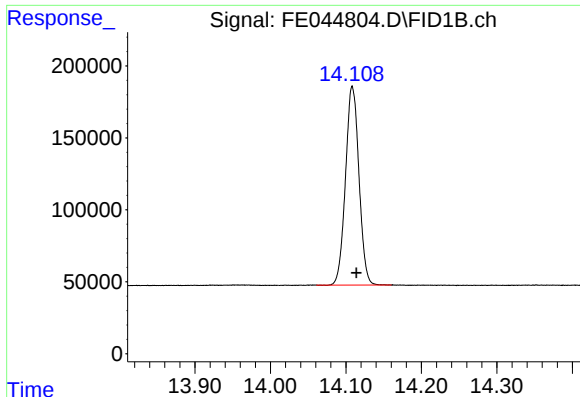
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: -0.005 min
Response: 1751087
Conc: 10.96 ug/ml



#12 1-chlorooctadecane (SURR)

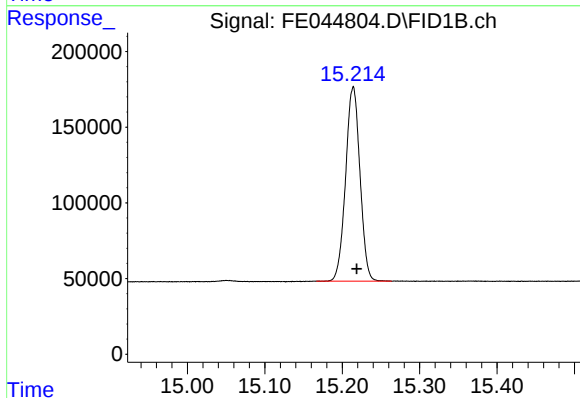
R.T.: 13.354 min
Delta R.T.: -0.004 min
Response: 1585865
Conc: 10.91 ug/ml



#13 n-Docosane (C22)

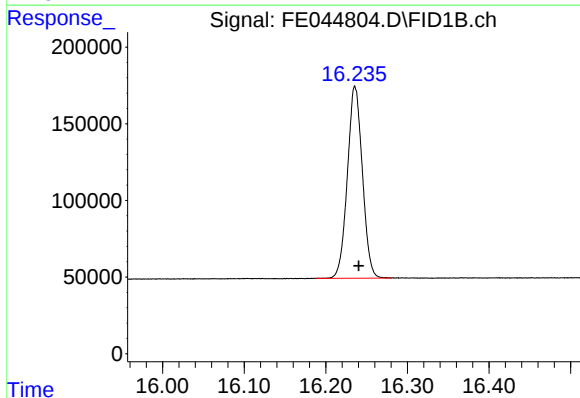
R.T.: 14.108 min
Delta R.T.: -0.005 min
Response: 1713096
Conc: 10.92 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



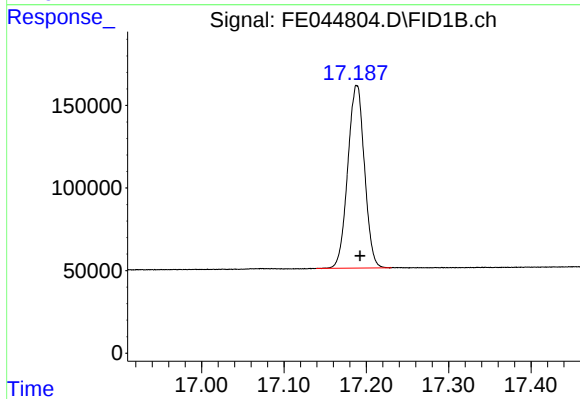
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.004 min
Response: 1656401
Conc: 10.89 ug/ml



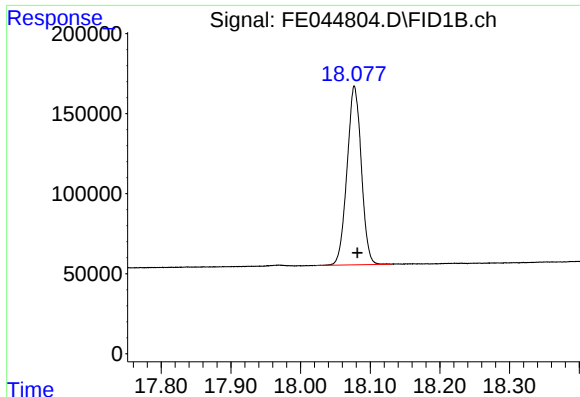
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: -0.005 min
Response: 1599255
Conc: 10.87 ug/ml



#16 n-Octacosane (C28)

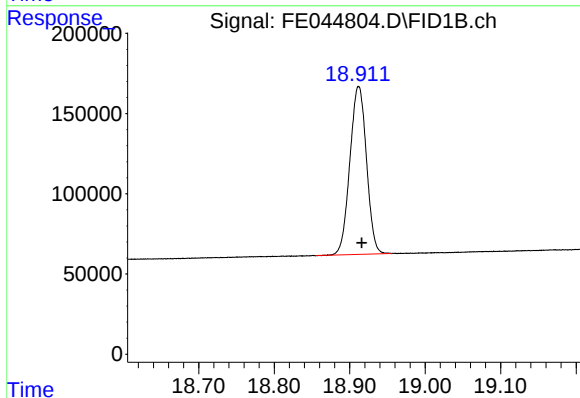
R.T.: 17.189 min
Delta R.T.: -0.004 min
Response: 1557062
Conc: 10.84 ug/ml



#17 n-Tricontane (C30)

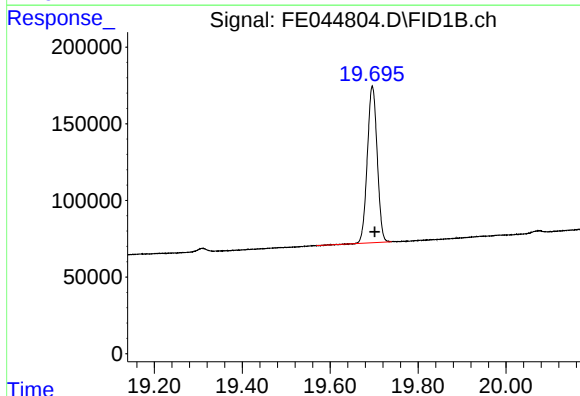
R.T.: 18.077 min
Delta R.T.: -0.005 min
Response: 1586094
Conc: 10.91 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



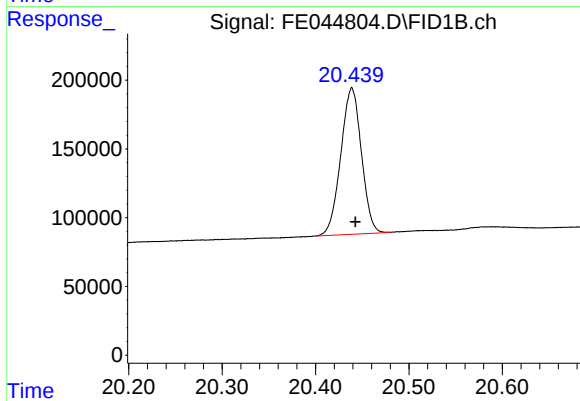
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.004 min
Response: 1600537
Conc: 10.95 ug/ml



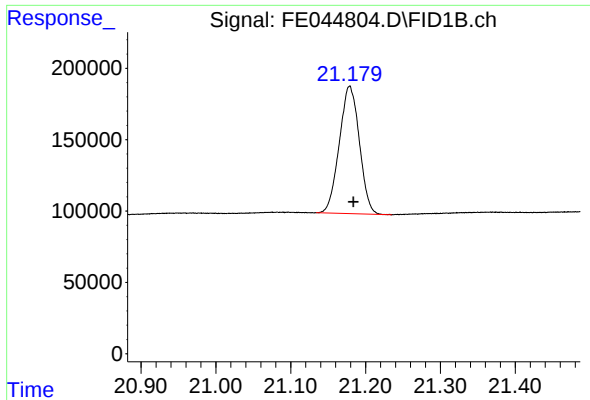
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: -0.006 min
Response: 1587943
Conc: 10.94 ug/ml



#20 n-Hexatriacontane (C36)

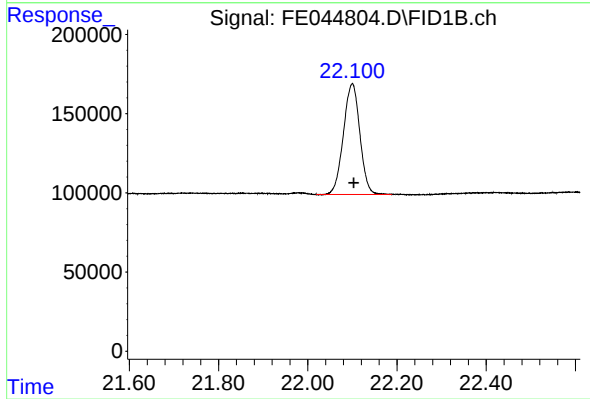
R.T.: 20.439 min
Delta R.T.: -0.004 min
Response: 1634383
Conc: 10.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.005 min
Response: 1663311
Conc: 10.86 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.003 min
Response: 1795830
Conc: 10.98 ug/ml