

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092822AL\
 Data File : FE037822.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2022 05:12
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 28 06:20:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:12:55 2022
 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)	11.610	1803869	10.536 ug/ml
Spiked Amount 50.000		Recovery =	21.07%
12) S 1-chlorooctadecane (S...	13.033	1403592	10.431 ug/ml
Spiked Amount 50.000		Recovery =	20.86%
Target Compounds			
1) T n-Nonane (C9)	3.009	1520054	10.294 ug/ml
2) T n-Decane (C10)	4.266	1531541	10.302 ug/ml
3) T A~Naphthalene (C11.7)	5.994	1225933	8.643 ug/ml
4) T n-Dodecane (C12)	6.437	1580262	10.391 ug/ml
5) T A~2-methylnaphthalene...	7.087	1194515	8.664 ug/ml
6) T n-Tetradecane (C14)	8.255	1594071	10.430 ug/ml
7) T n-Hexadecane (C16)	9.854	1625985	10.465 ug/ml
8) T n-Octadecane (C18)	11.288	1673778	10.545 ug/ml
10) T n-Eicosane (C20)	12.589	1707881	10.617 ug/ml
11) T n-Heneicosane (C21)	13.197	1728391	10.656 ug/ml
13) T n-Docosane (C22)	13.780	1726995	10.645 ug/ml
14) T n-Tetracosane (C24)	14.876	1723755	10.668 ug/ml
15) T n-Hexacosane (C26)	15.889	1718328	10.709 ug/ml
16) T n-Octacosane (C28)	16.833	1697039	10.765 ug/ml
17) T n-Tricontane (C30)	17.716	1711393	10.886 ug/ml
18) T n-Dotriacontane (C32)	18.543	1703174	11.024 ug/ml
19) T n-Tetratriacontane (C34)	19.321	1604613	11.051 ug/ml
20) T n-Hexatriacontane (C36)	20.058	1564081	11.058 ug/ml
21) T n-Octatriacontane (C38)	20.754	1468197	10.984 ug/ml
22) T n-Tetracontane (C40)	21.523	1364329	10.837 ug/ml

(f)=RT Delta > 1/2 Window

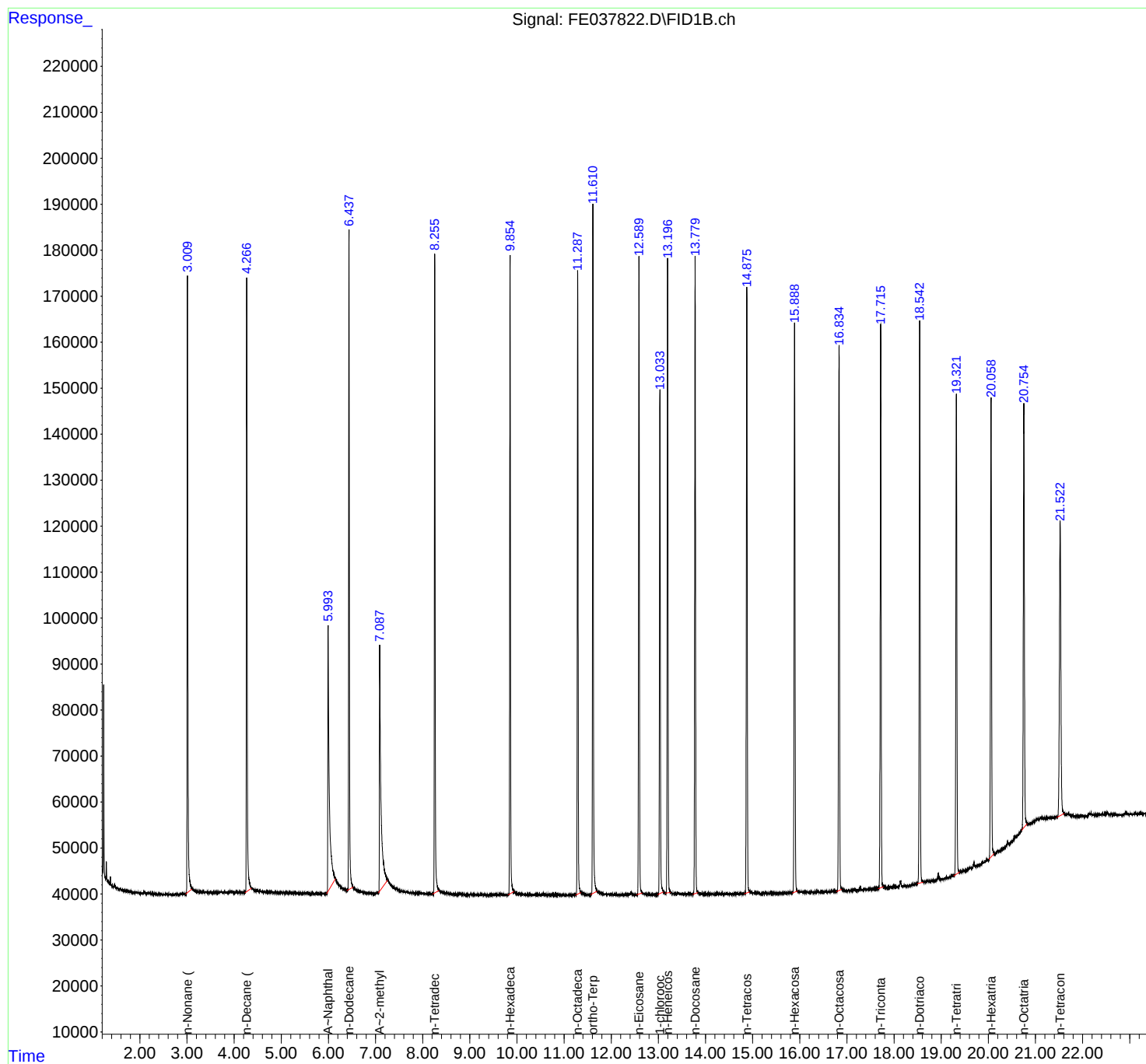
(m)=manual int.

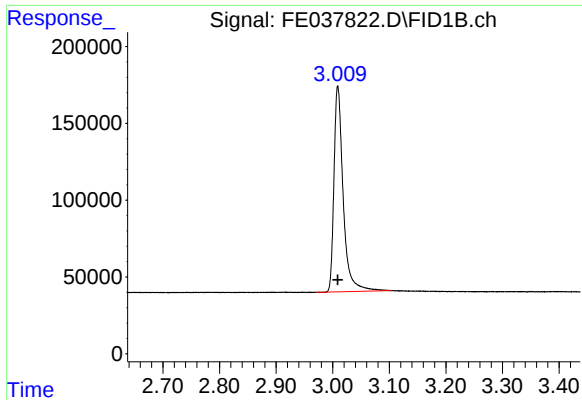
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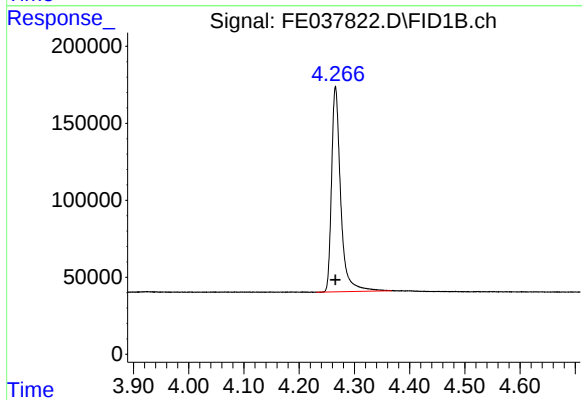




#1 n-Nonane (C9)

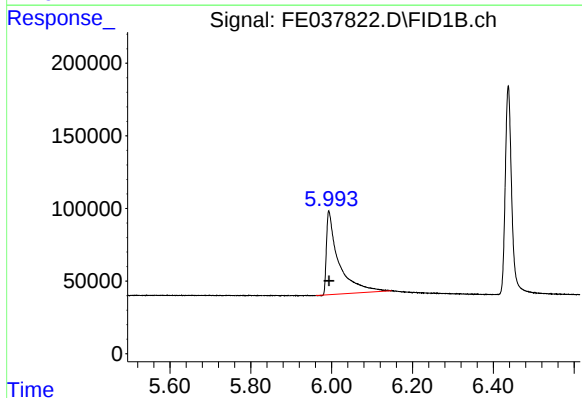
R.T.: 3.009 min
Delta R.T.: 0.000 min
Response: 1520054
Conc: 10.29 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



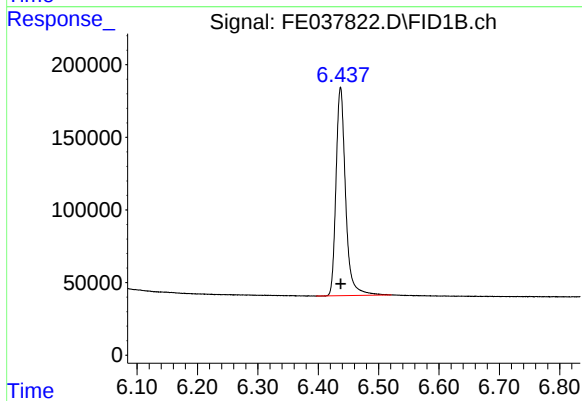
#2 n-Decane (C10)

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 1531541
Conc: 10.30 ug/ml



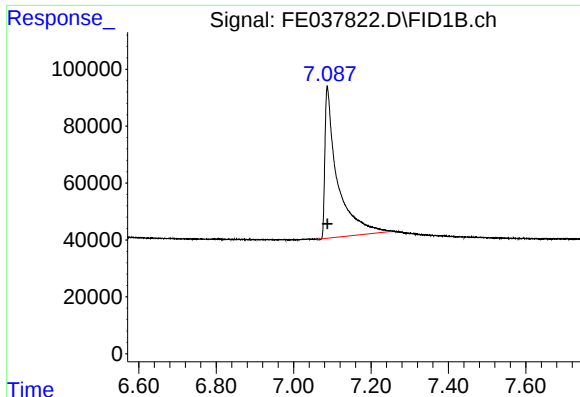
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 1225933
Conc: 8.64 ug/ml



#4 n-Dodecane (C12)

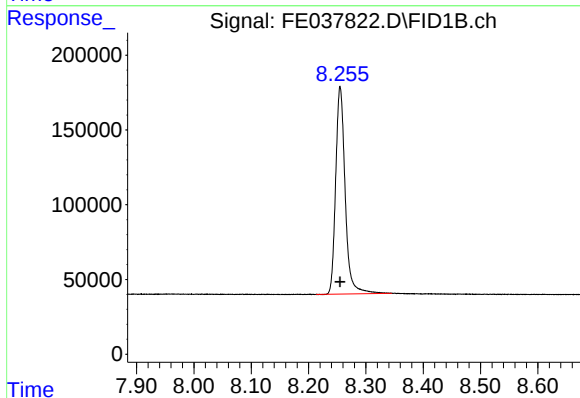
R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 1580262
Conc: 10.39 ug/ml



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

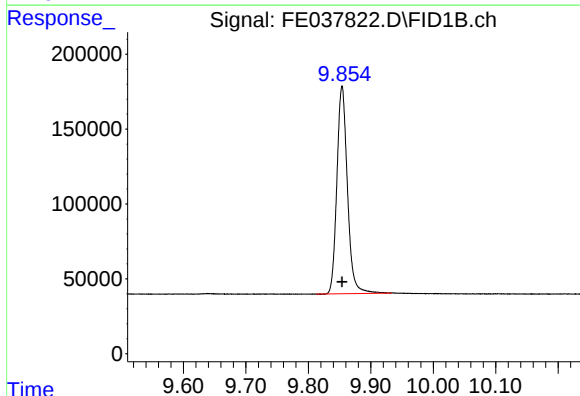
R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 1194515
Conc: 8.66 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



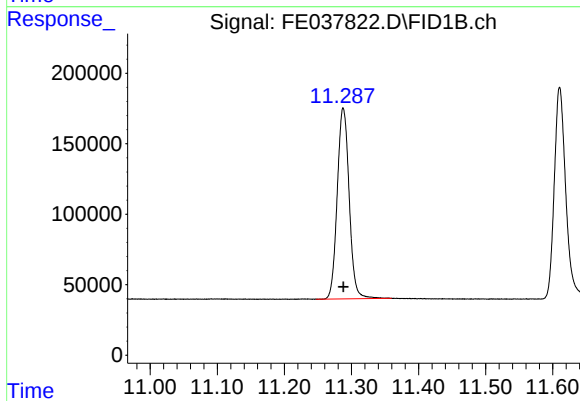
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 1594071
Conc: 10.43 ug/ml



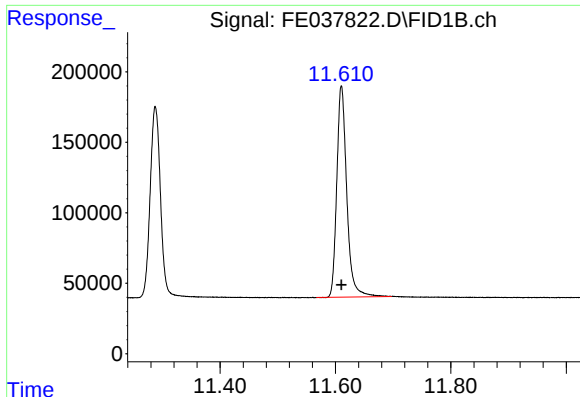
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: 0.000 min
Response: 1625985
Conc: 10.47 ug/ml



#8 n-Octadecane (C18)

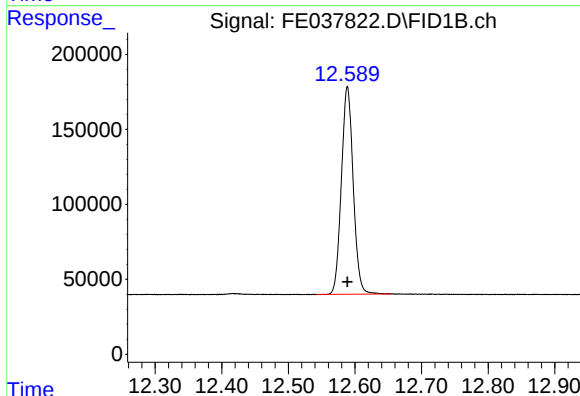
R.T.: 11.288 min
Delta R.T.: 0.000 min
Response: 1673778
Conc: 10.55 ug/ml



#9 ortho-Terphenyl (SURR)

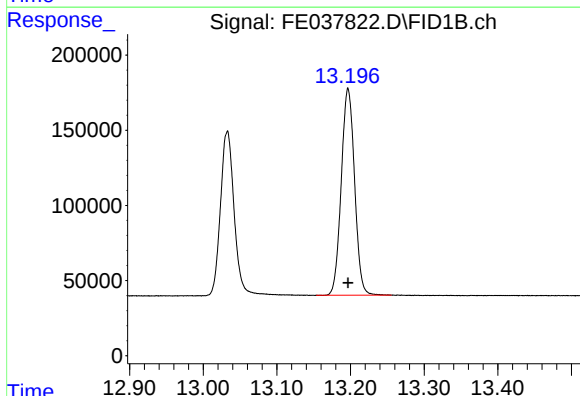
R.T.: 11.610 min
Delta R.T.: 0.000 min
Response: 1803869
Conc: 10.54 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



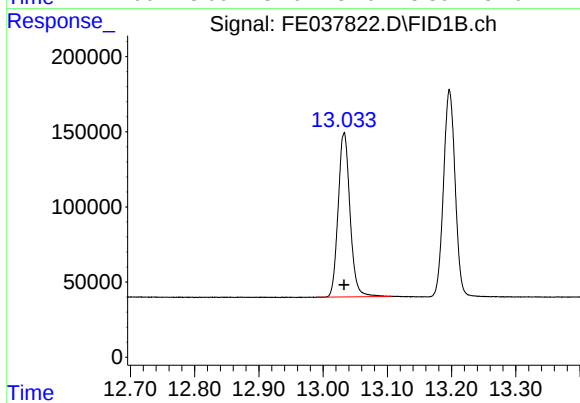
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.000 min
Response: 1707881
Conc: 10.62 ug/ml



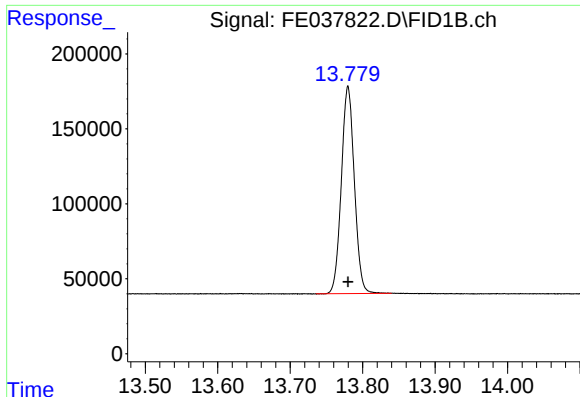
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: 0.000 min
Response: 1728391
Conc: 10.66 ug/ml



#12 1-chlorooctadecane (SURR)

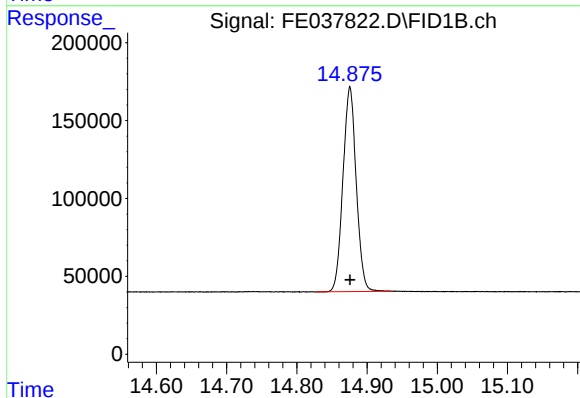
R.T.: 13.033 min
Delta R.T.: 0.000 min
Response: 1403592
Conc: 10.43 ug/ml



#13 n-Docosane (C22)

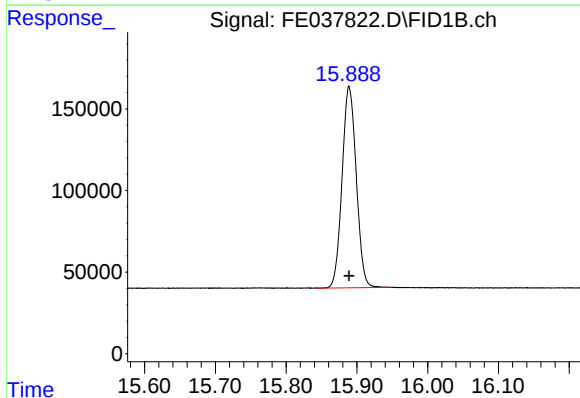
R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 1726995
Conc: 10.64 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



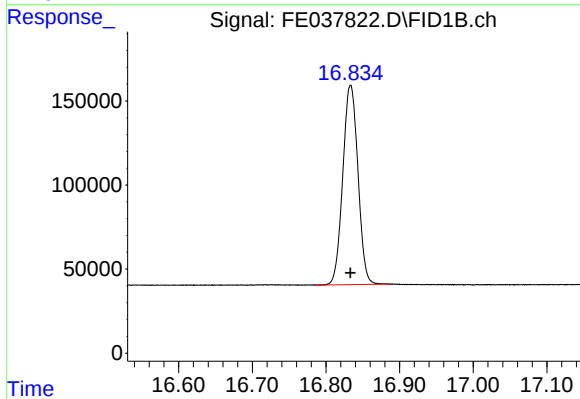
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: 0.000 min
Response: 1723755
Conc: 10.67 ug/ml



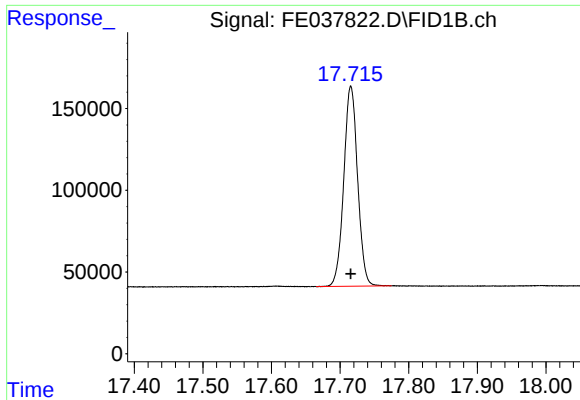
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.000 min
Response: 1718328
Conc: 10.71 ug/ml



#16 n-Octacosane (C28)

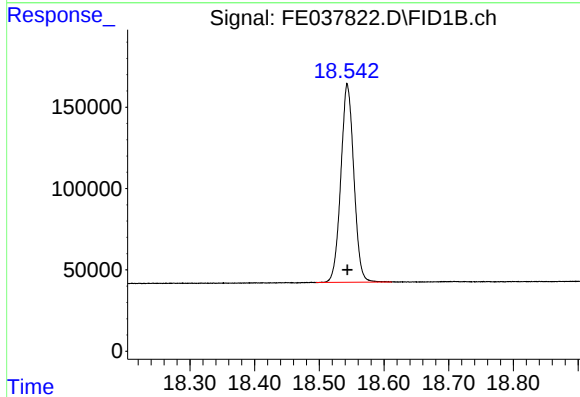
R.T.: 16.833 min
Delta R.T.: 0.000 min
Response: 1697039
Conc: 10.77 ug/ml



#17 n-Tricontane (C30)

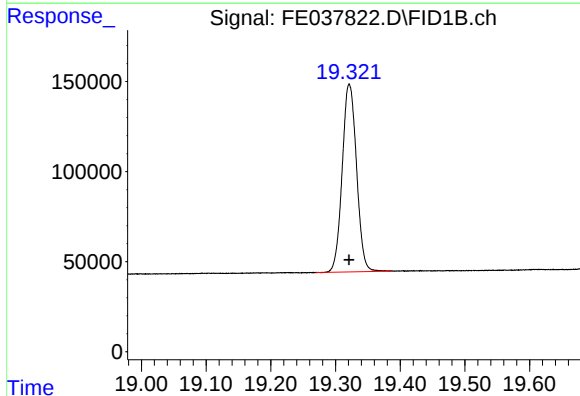
R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 1711393
Conc: 10.89 ug/ml

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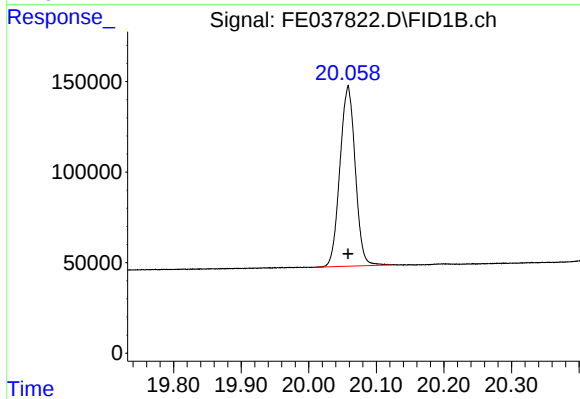
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: 0.000 min
Response: 1703174
Conc: 11.02 ug/ml



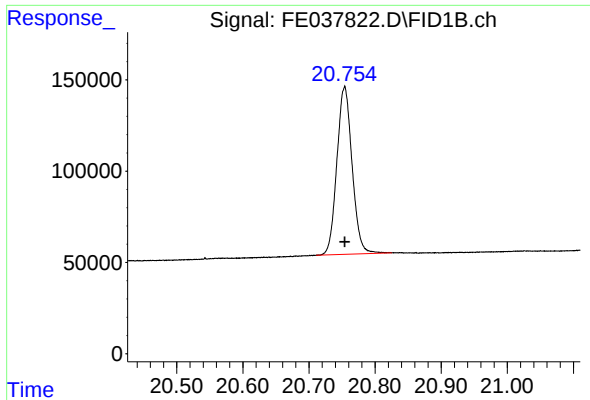
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: 0.000 min
Response: 1604613
Conc: 11.05 ug/ml



#20 n-Hexatriacontane (C36)

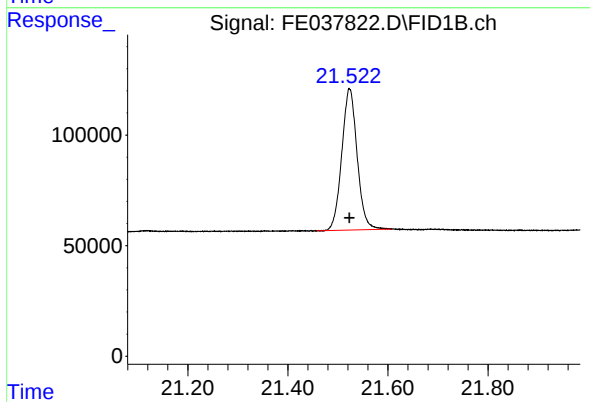
R.T.: 20.058 min
Delta R.T.: 0.000 min
Response: 1564081
Conc: 11.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: 0.000 min
Response: 1468197
Conc: 10.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.523 min
Delta R.T.: 0.000 min
Response: 1364329
Conc: 10.84 ug/ml