

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100322AL\
 Data File : FE037919.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2022 04:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 04 05:17:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.606	3800747	21.974 ug/ml
Spiked Amount 50.000		Recovery =	43.95%
12) S 1-chlorooctadecane (S...	13.026	2972067	21.989 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
Target Compounds			
1) T n-Nonane (C9)	3.005	3313038	22.495 ug/ml
2) T n-Decane (C10)	4.261	3380234	22.863 ug/ml
3) T A~Naphthalene (C11.7)	5.982	3200682	23.373 ug/ml
4) T n-Dodecane (C12)	6.431	3480096	22.838 ug/ml
5) T A~2-methylnaphthalene...	7.075	2952621	22.216 ug/ml
6) T n-Tetradecane (C14)	8.250	3510190	22.935 ug/ml
7) T n-Hexadecane (C16)	9.848	3566728	22.835 ug/ml
8) T n-Octadecane (C18)	11.282	3609847	22.505 ug/ml
10) T n-Eicosane (C20)	12.583	3626670	22.240 ug/ml
11) T n-Heneicosane (C21)	13.191	3611709	21.920 ug/ml
13) T n-Docosane (C22)	13.774	3639823	22.111 ug/ml
14) T n-Tetracosane (C24)	14.870	3594915	21.919 ug/ml
15) T n-Hexacosane (C26)	15.884	3499253	21.460 ug/ml
16) T n-Octacosane (C28)	16.828	3436611	21.452 ug/ml
17) T n-Tricontane (C30)	17.712	3421338	21.380 ug/ml
18) T n-Dotriacontane (C32)	18.538	3337024	21.191 ug/ml
19) T n-Tetratriacontane (C34)	19.318	3042075	20.533 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2947705	20.447 ug/ml
21) T n-Octatriacontane (C38)	20.748	2833512	20.881 ug/ml
22) T n-Tetracontane (C40)	21.516	2679028	21.046 ug/ml

(f)=RT Delta > 1/2 Window

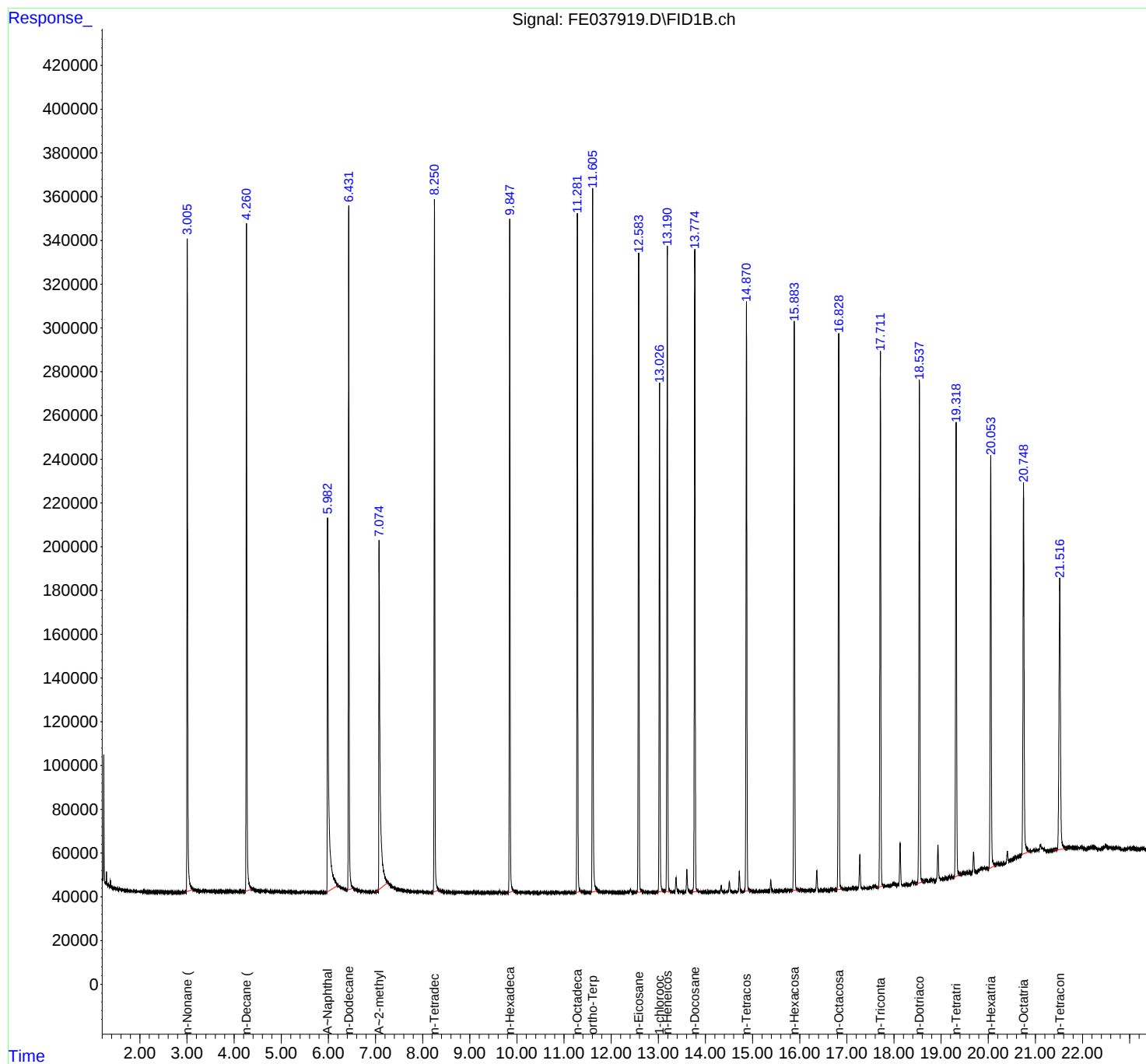
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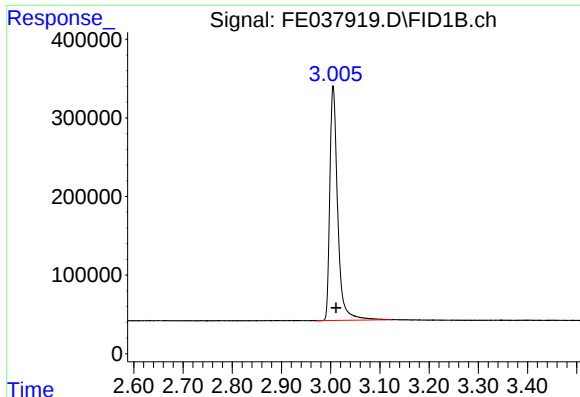
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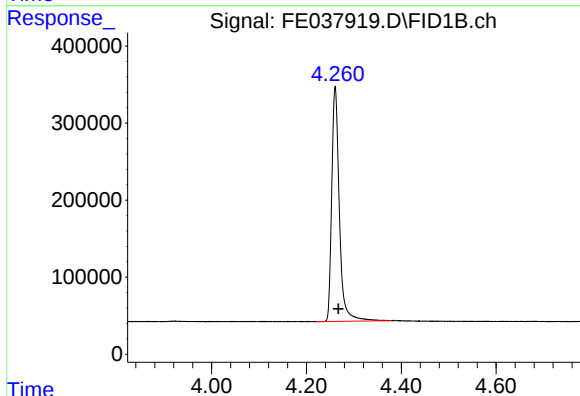




#1 n-Nonane (C9)

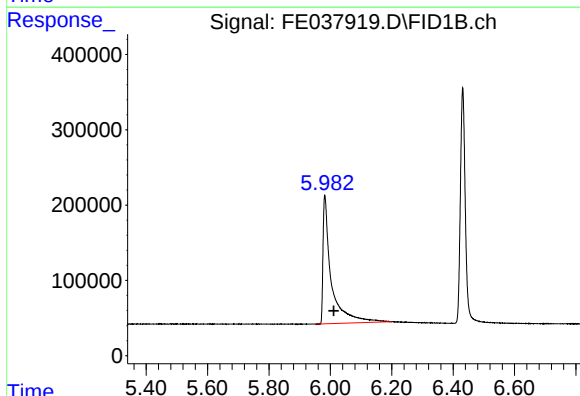
R.T.: 3.005 min
Delta R.T.: -0.006 min
Response: 3313038
Conc: 22.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



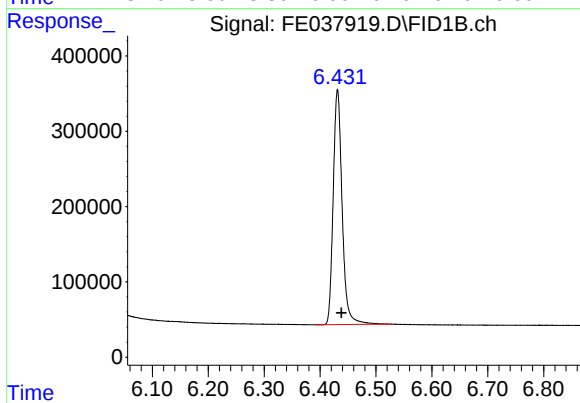
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.007 min
Response: 3380234
Conc: 22.86 ug/ml



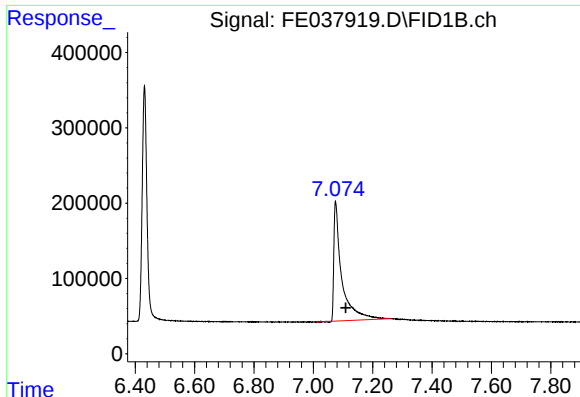
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.029 min
Response: 3200682
Conc: 23.37 ug/ml



#4 n-Dodecane (C12)

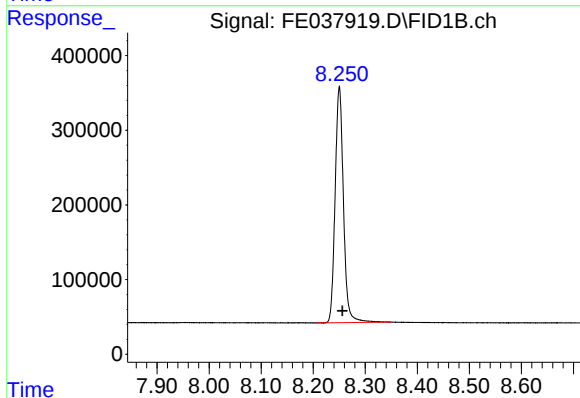
R.T.: 6.431 min
Delta R.T.: -0.007 min
Response: 3480096
Conc: 22.84 ug/ml



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

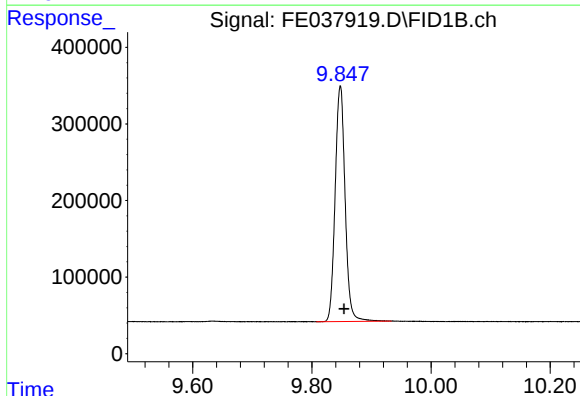
R.T.: 7.075 min
Delta R.T.: -0.035 min
Response: 2952621
Conc: 22.22 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



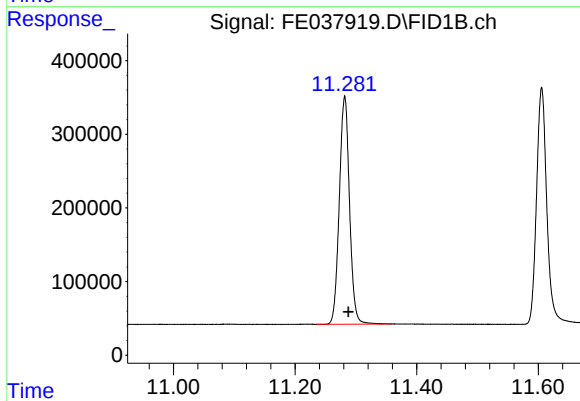
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: -0.006 min
Response: 3510190
Conc: 22.93 ug/ml



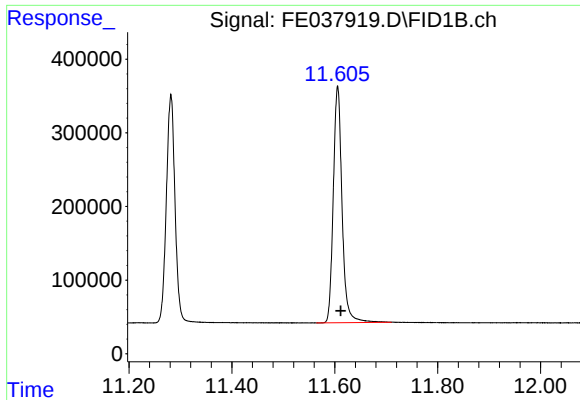
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.006 min
Response: 3566728
Conc: 22.83 ug/ml



#8 n-Octadecane (C18)

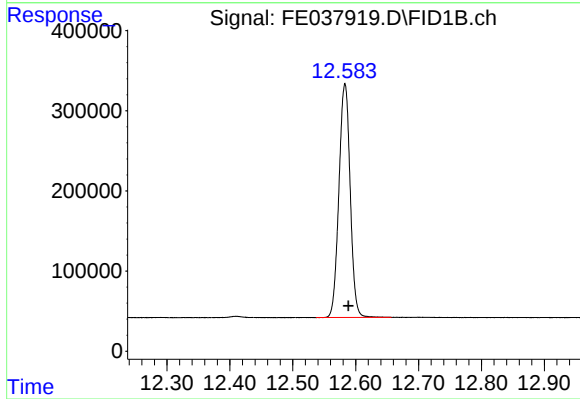
R.T.: 11.282 min
Delta R.T.: -0.006 min
Response: 3609847
Conc: 22.51 ug/ml



#9 ortho-Terphenyl (SURR)

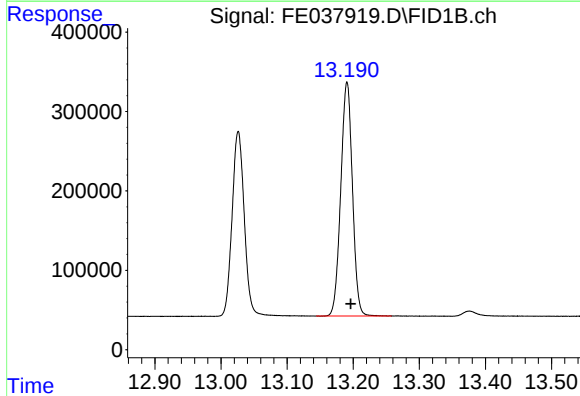
R.T.: 11.606 min
Delta R.T.: -0.006 min
Response: 3800747
Conc: 21.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



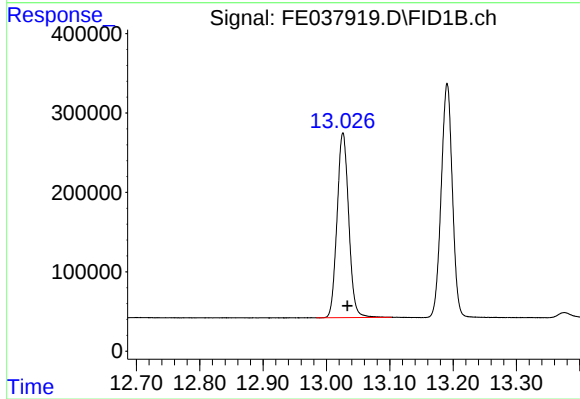
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.006 min
Response: 3626670
Conc: 22.24 ug/ml



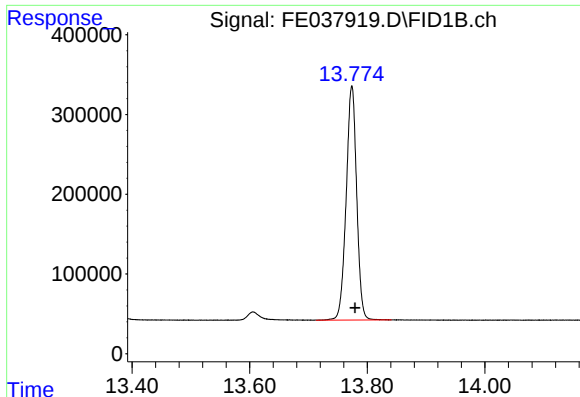
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: -0.005 min
Response: 3611709
Conc: 21.92 ug/ml



#12 1-chlorooctadecane (SURR)

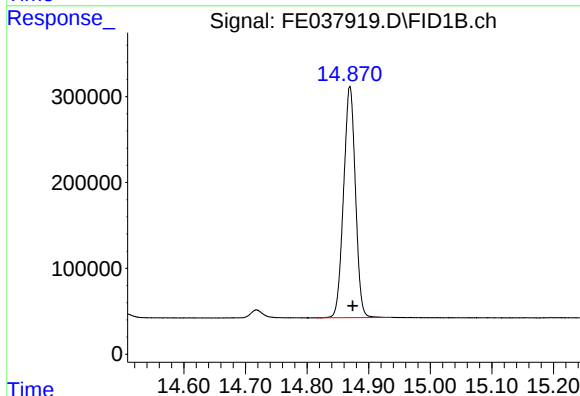
R.T.: 13.026 min
Delta R.T.: -0.007 min
Response: 2972067
Conc: 21.99 ug/ml



#13 n-Docosane (C22)

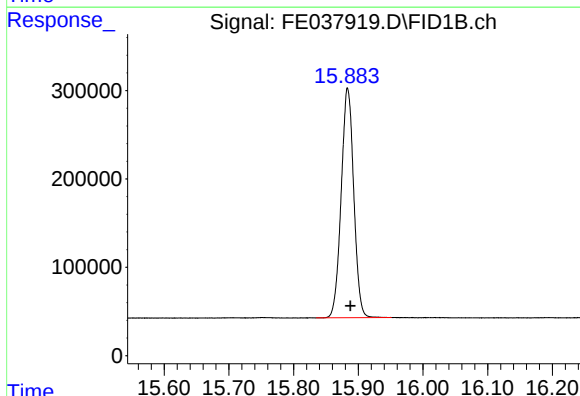
R.T.: 13.774 min
Delta R.T.: -0.005 min
Response: 3639823
Conc: 22.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



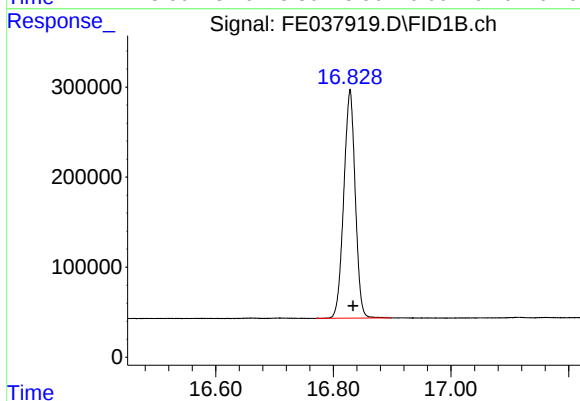
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.004 min
Response: 3594915
Conc: 21.92 ug/ml



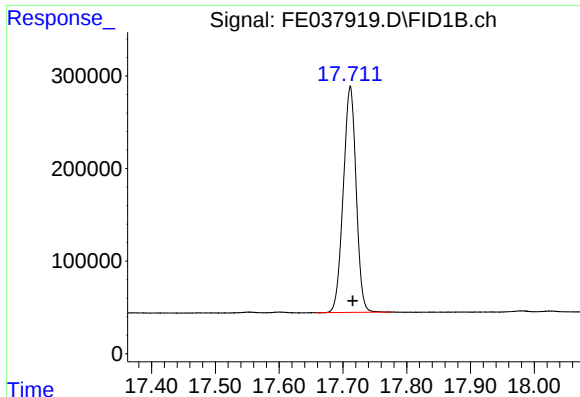
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.004 min
Response: 3499253
Conc: 21.46 ug/ml



#16 n-Octacosane (C28)

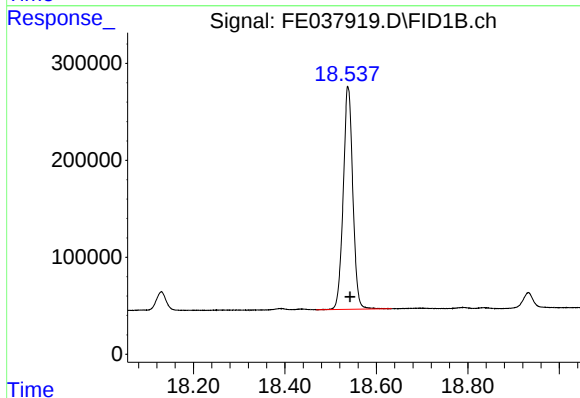
R.T.: 16.828 min
Delta R.T.: -0.005 min
Response: 3436611
Conc: 21.45 ug/ml



#17 n-Tricontane (C30)

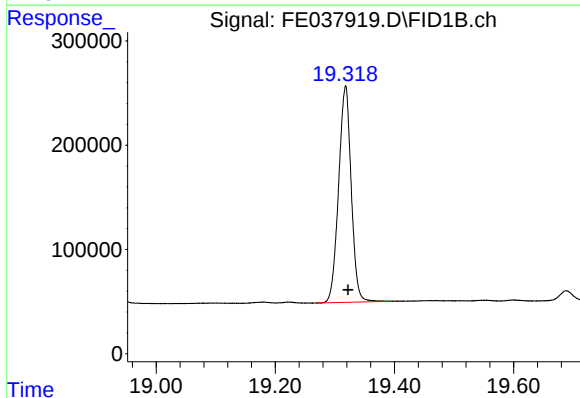
R.T.: 17.712 min
Delta R.T.: -0.004 min
Response: 3421338
Conc: 21.38 ug/ml

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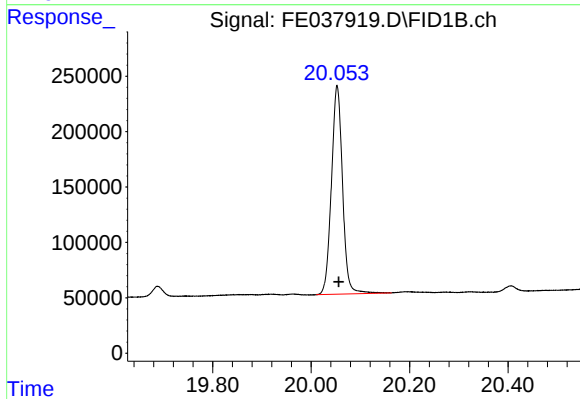
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.004 min
Response: 3337024
Conc: 21.19 ug/ml



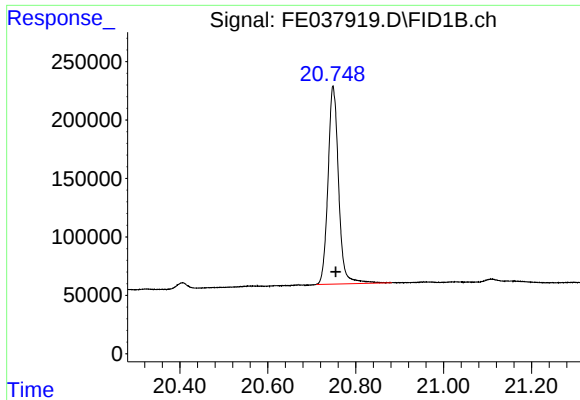
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: -0.004 min
Response: 3042075
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

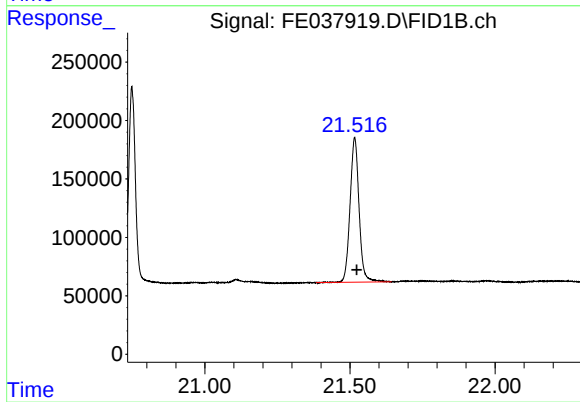
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 2947705
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.006 min
Response: 2833512
Conc: 20.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.516 min
Delta R.T.: -0.007 min
Response: 2679028
Conc: 21.05 ug/ml