

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
 Data File : FE041420.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2023 09:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 20 01:57:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.835	3899817	20.750 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
12) S 1-chlorooctadecane (S...	13.274	3060155	21.269 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
Target Compounds			
1) T n-Nonane (C9)	3.233	3508042	20.218 ug/ml
2) T n-Decane (C10)	4.480	3504729	20.590 ug/ml
3) T A~Naphthalene (C11.7)	6.183	3855965	21.081 ug/ml
4) T n-Dodecane (C12)	6.644	3599925	20.753 ug/ml
5) T A~2-methylnaphthalene...	7.278	3617236	21.841 ug/ml
6) T n-Tetradecane (C14)	8.471	3632823	20.835 ug/ml
7) T n-Hexadecane (C16)	10.078	3730381	20.975 ug/ml
8) T n-Octadecane (C18)	11.521	3763458	21.078 ug/ml
10) T n-Eicosane (C20)	12.831	3602501	21.120 ug/ml
11) T n-Heneicosane (C21)	13.443	3559061	21.037 ug/ml
13) T n-Docosane (C22)	14.030	3491237	21.097 ug/ml
14) T n-Tetracosane (C24)	15.133	3519783	21.756 ug/ml
15) T n-Hexacosane (C26)	16.155	3290135	21.225 ug/ml
16) T n-Octacosane (C28)	17.107	3268588	21.338 ug/ml
17) T n-Tricontane (C30)	17.997	3353089	21.936 ug/ml
18) T n-Dotriacontane (C32)	18.832	3465113	22.194 ug/ml
19) T n-Tetratriacontane (C34)	19.617	3471310	22.400 ug/ml
20) T n-Hexatriacontane (C36)	20.360	3419131	22.509 ug/ml
21) T n-Octatriacontane (C38)	21.084	3509133	22.463 ug/ml
22) T n-Tetracontane (C40)	21.964	3610060	22.619 ug/ml

(f)=RT Delta > 1/2 Window

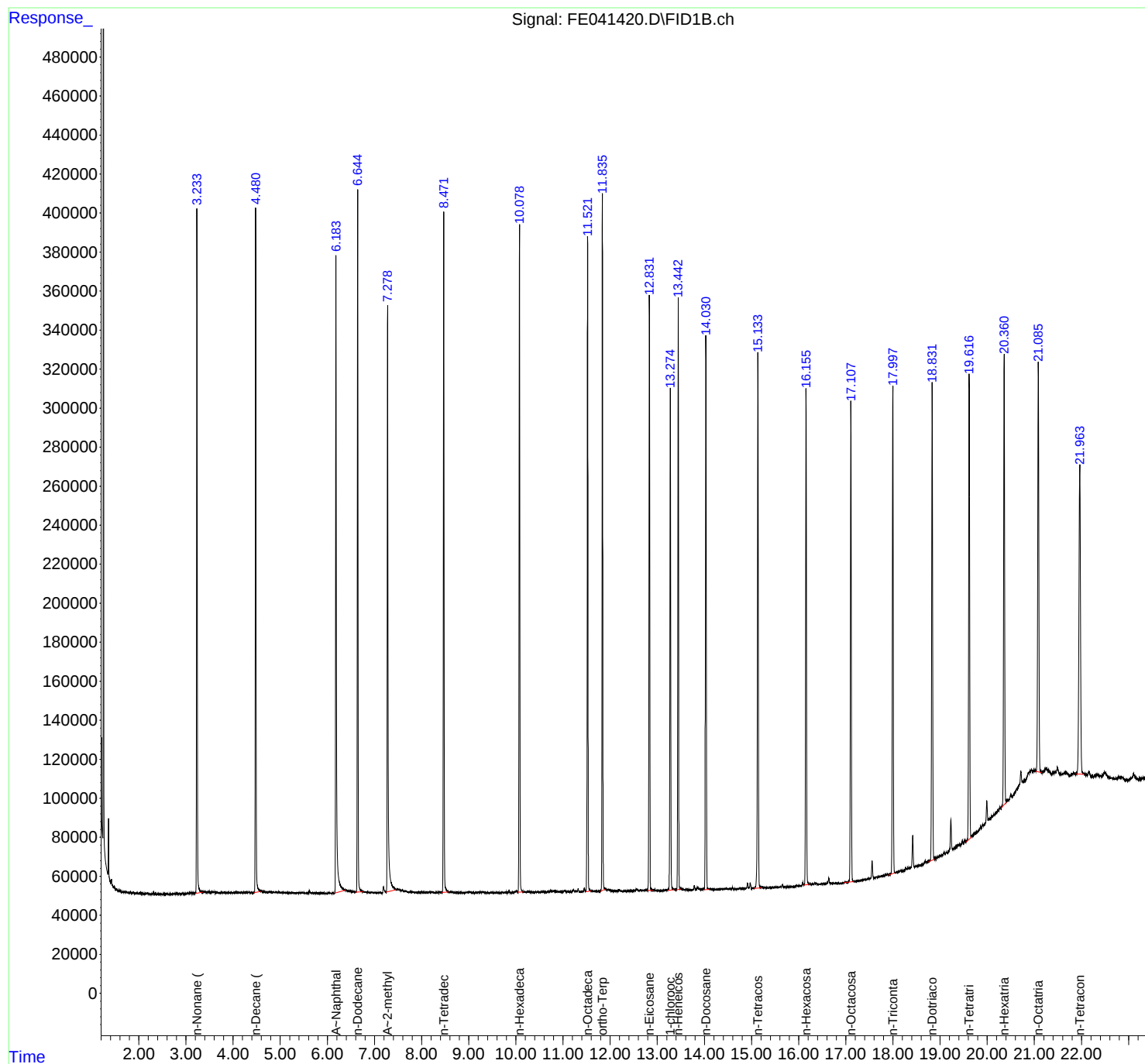
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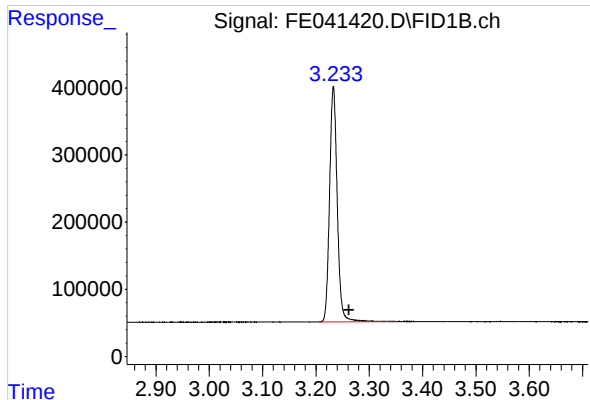
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
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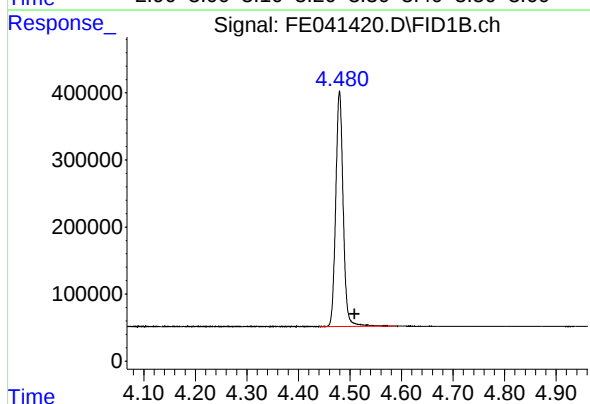




#1 n-Nonane (C9)

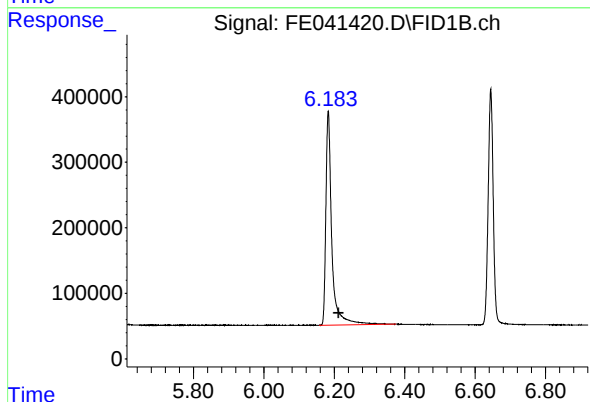
R.T.: 3.233 min
Delta R.T.: -0.029 min
Response: 3508042
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



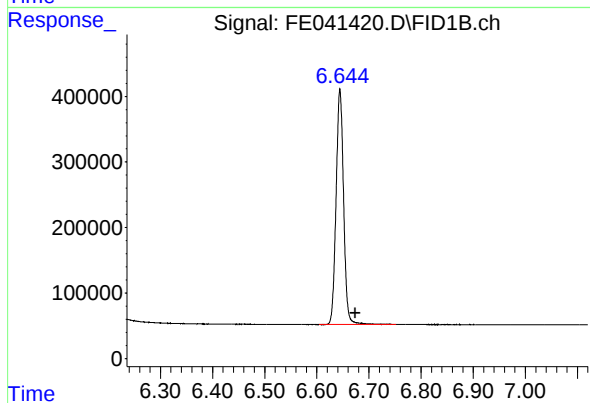
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.029 min
Response: 3504729
Conc: 20.59 ug/ml



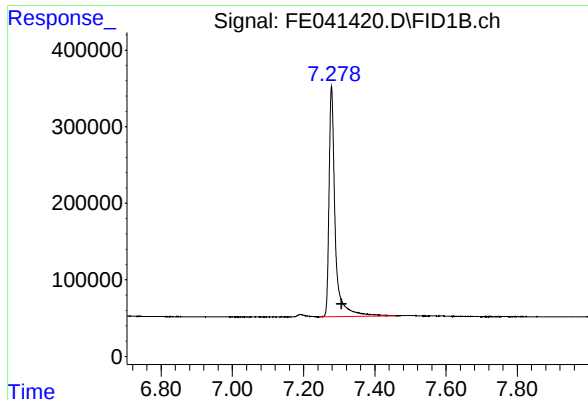
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: -0.029 min
Response: 3855965
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

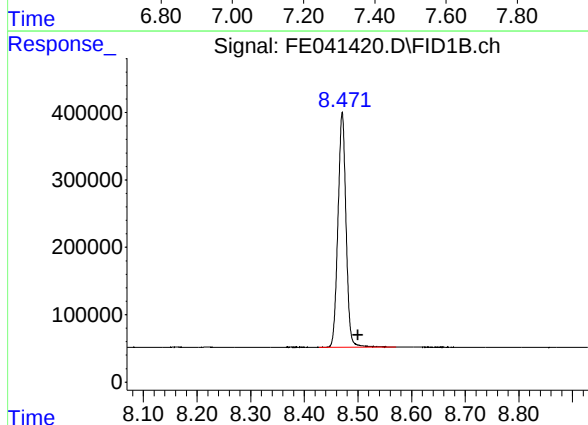
R.T.: 6.644 min
Delta R.T.: -0.029 min
Response: 3599925
Conc: 20.75 ug/ml



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

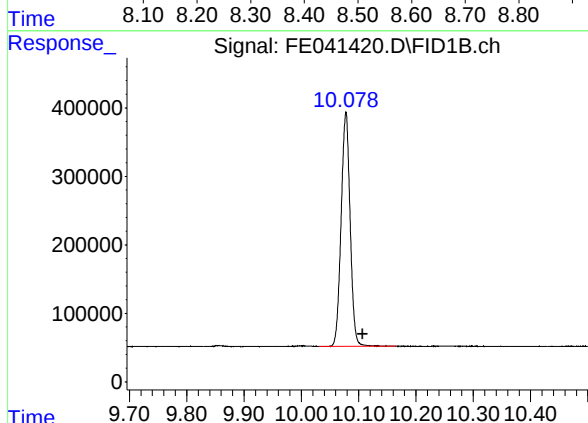
R.T.: 7.278 min
Delta R.T.: -0.029 min
Response: 3617236
Conc: 21.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



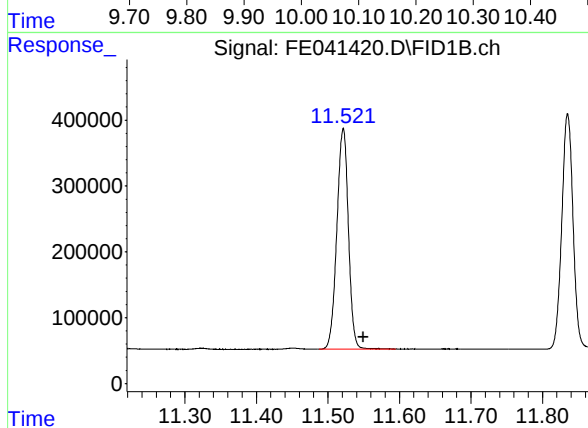
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.029 min
Response: 3632823
Conc: 20.83 ug/ml



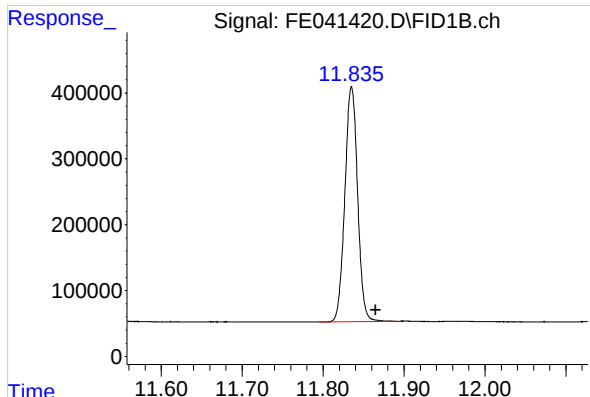
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.029 min
Response: 3730381
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

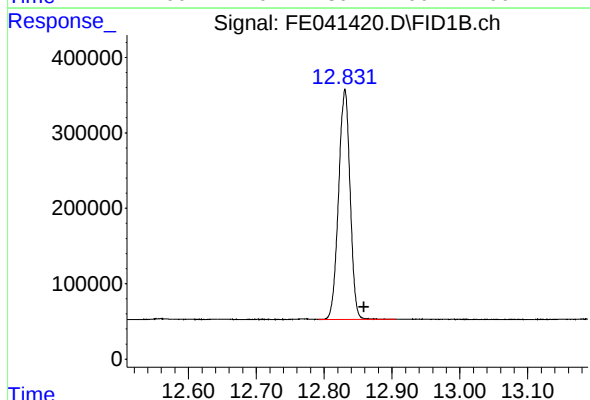
R.T.: 11.521 min
Delta R.T.: -0.028 min
Response: 3763458
Conc: 21.08 ug/ml



#9 ortho-Terphenyl (SURR)

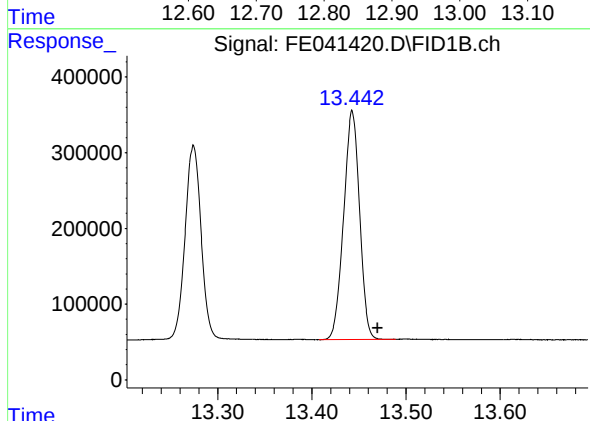
R.T.: 11.835 min
Delta R.T.: -0.030 min
Response: 3899817
Conc: 20.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



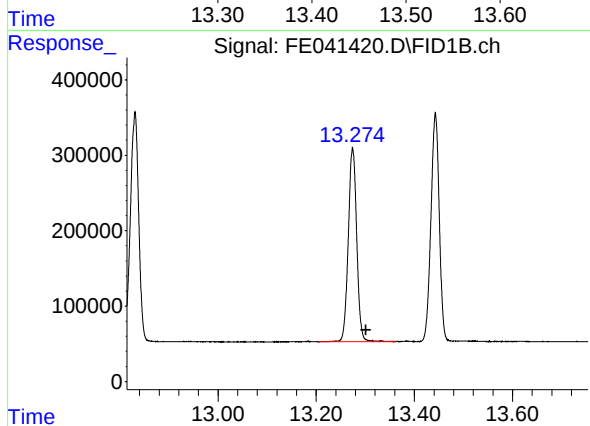
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.028 min
Response: 3602501
Conc: 21.12 ug/ml



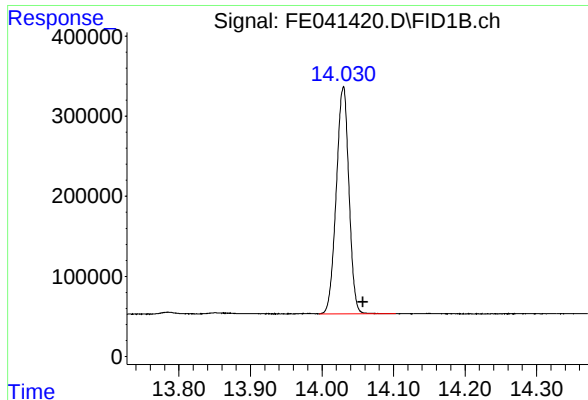
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.027 min
Response: 3559061
Conc: 21.04 ug/ml



#12 1-chlorooctadecane (SURR)

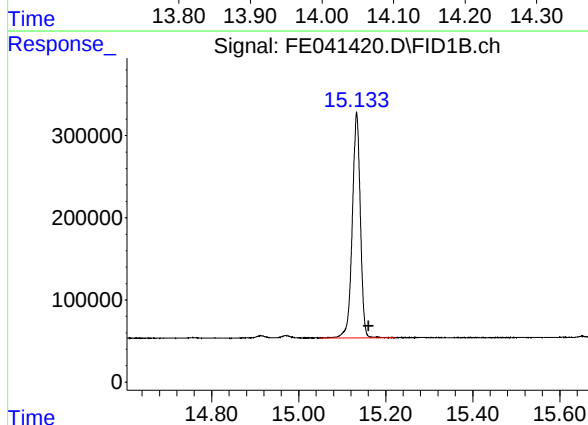
R.T.: 13.274 min
Delta R.T.: -0.028 min
Response: 3060155
Conc: 21.27 ug/ml



#13 n-Docosane (C22)

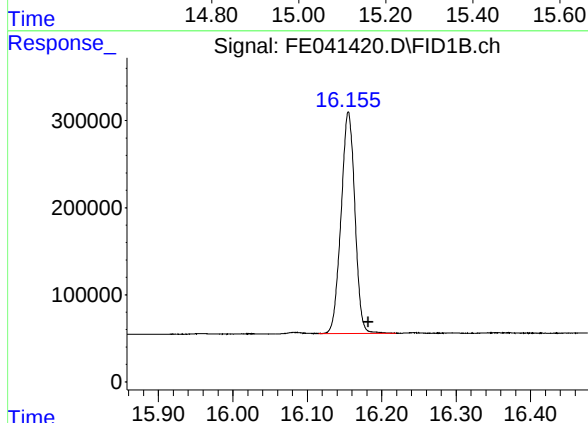
R.T.: 14.030 min
Delta R.T.: -0.027 min
Response: 3491237
Conc: 21.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



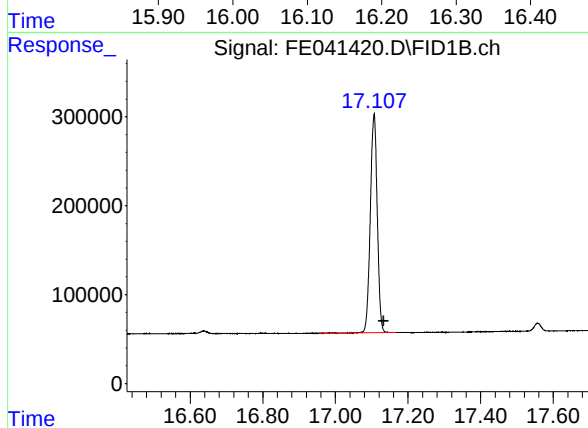
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.027 min
Response: 3519783
Conc: 21.76 ug/ml



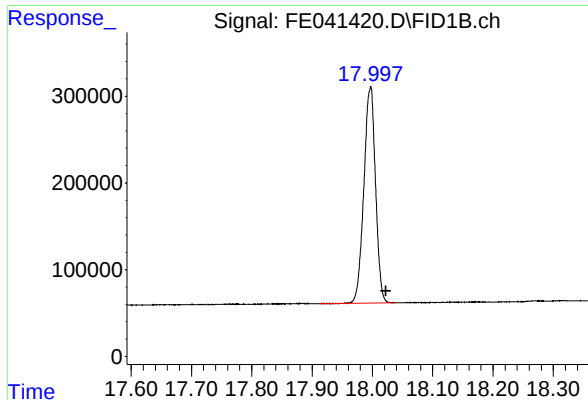
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.027 min
Response: 3290135
Conc: 21.22 ug/ml



#16 n-Octacosane (C28)

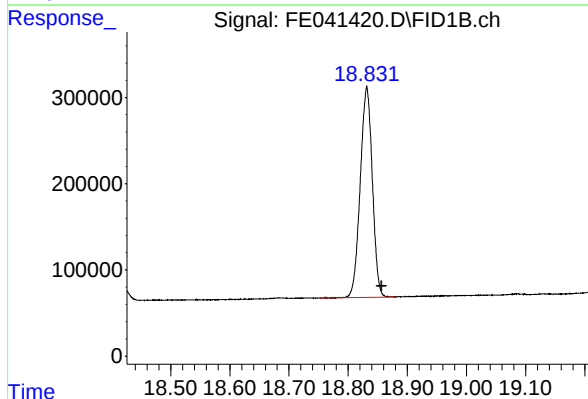
R.T.: 17.107 min
Delta R.T.: -0.027 min
Response: 3268588
Conc: 21.34 ug/ml



#17 n-Tricontane (C30)

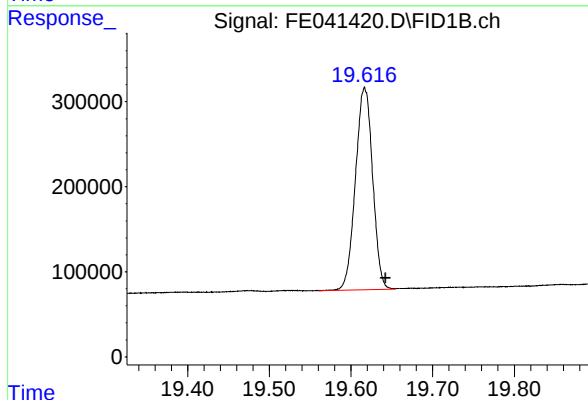
R.T.: 17.997 min
Delta R.T.: -0.025 min
Response: 3353089
Conc: 21.94 ug/ml

Instrument :
FID_E
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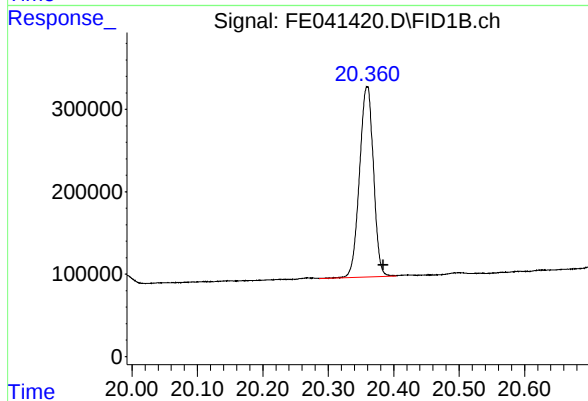
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.025 min
Response: 3465113
Conc: 22.19 ug/ml



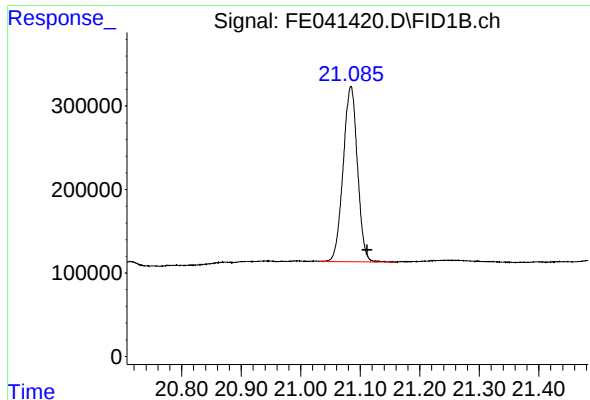
#19 n-Tetatriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.026 min
Response: 3471310
Conc: 22.40 ug/ml



#20 n-Hexatriacontane (C36)

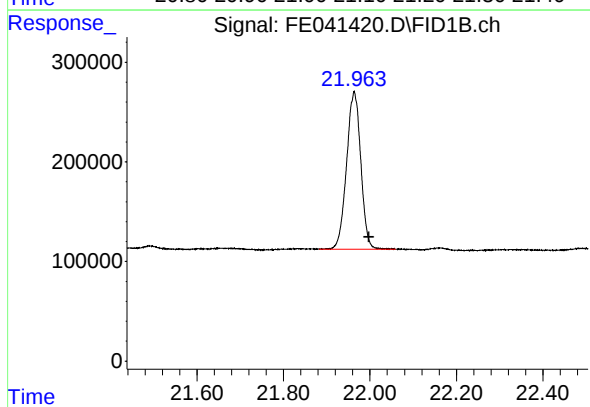
R.T.: 20.360 min
Delta R.T.: -0.024 min
Response: 3419131
Conc: 22.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.028 min
Response: 3509133
Conc: 22.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.034 min
Response: 3610060
Conc: 22.62 ug/ml