

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
 Data File : FE054059.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2025 08:28
 Operator : YP\AJ
 Sample : Q2128-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP03-MHMMSD

Integration File: autoint1.e
 Quant Time: May 29 09:00:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 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)	11.844	7214586	44.394 ug/ml
Spiked Amount 50.000		Recovery =	88.79%
12) S 1-chlorooctadecane (S...	13.289	6011899	50.712 ug/ml
Spiked Amount 50.000		Recovery =	101.42%
Target Compounds			
1) T n-Nonane (C9)	3.185	2470523	18.279 ug/ml
2) T n-Decane (C10)	4.450	2859909	21.164 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3748873	26.085 ug/ml
4) T n-Dodecane (C12)	6.633	3402592	24.945 ug/ml
5) T A~2-methylnaphthalene...	7.268	3720785	26.825 ug/ml
6) T n-Tetradecane (C14)	8.469	3872505	28.696 ug/ml
7) T n-Hexadecane (C16)	10.081	4364189	32.343 ug/ml
8) T n-Octadecane (C18)	11.529	4466558	33.169 ug/ml
10) T n-Eicosane (C20)	12.842	4719690	35.911 ug/ml
11) T n-Heneicosane (C21)	13.456	4581209	35.337 ug/ml
13) T n-Docosane (C22)	14.043	4497000	35.250 ug/ml
14) T n-Tetracosane (C24)	15.141	9444812	75.488 ug/ml
15) T n-Hexacosane (C26)	16.172	4424619	36.134 ug/ml
16) T n-Octacosane (C28)	17.123	4536876	37.321 ug/ml
17) T n-Tricontane (C30)	18.014	4312731	34.622 ug/ml
18) T n-Dotriacontane (C32)	18.847	4217885	33.728 ug/ml
19) T n-Tetratriacontane (C34)	19.632	4266991	35.821 ug/ml
20) T n-Hexatriacontane (C36)	20.374	4322588	37.332 ug/ml
21) T n-Octatriacontane (C38)	21.104	4508560	41.429 ug/ml
22) T n-Tetracontane (C40)	22.000	4347390	43.811 ug/ml

(f)=RT Delta > 1/2 Window

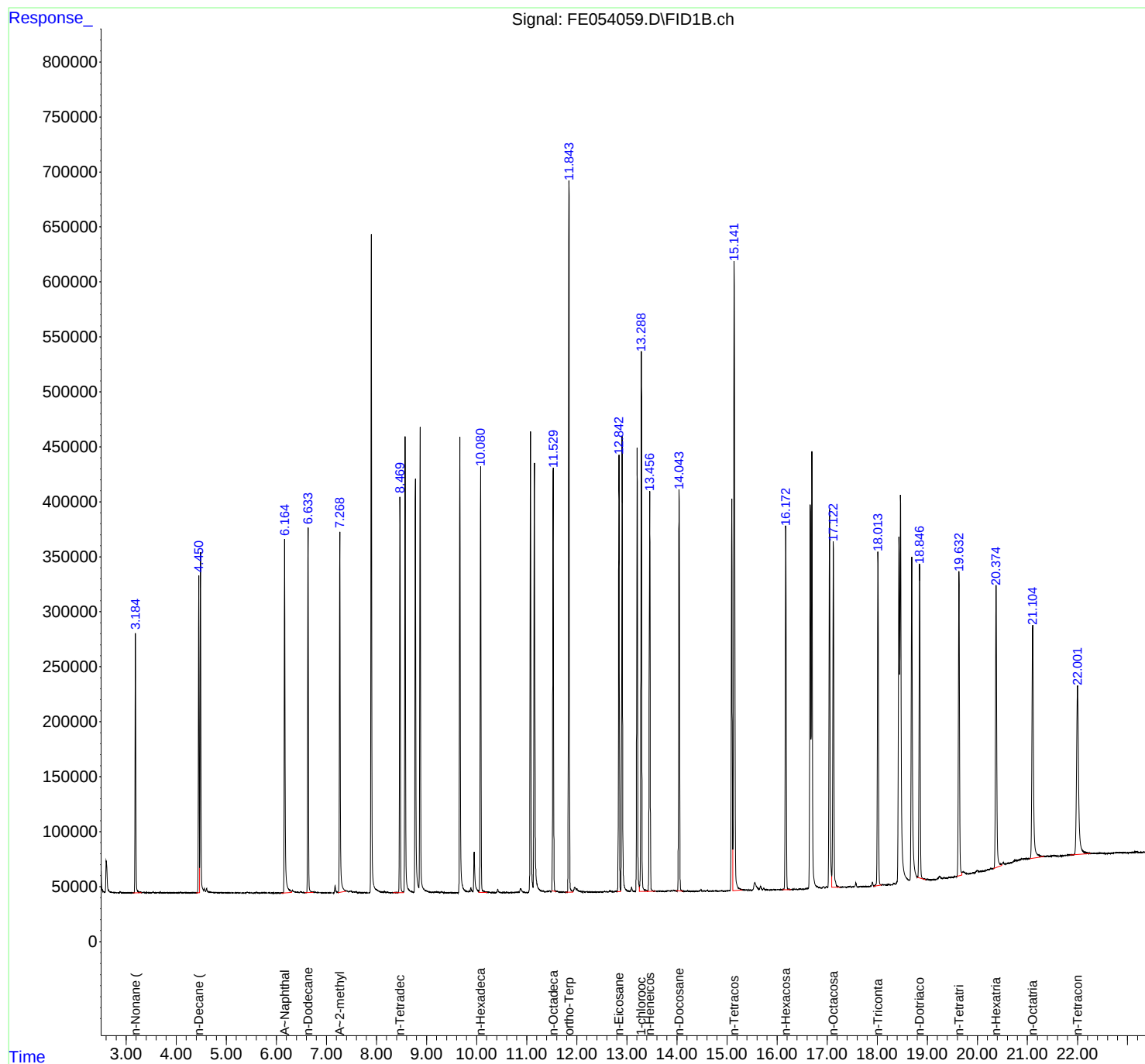
(m)=manual int.

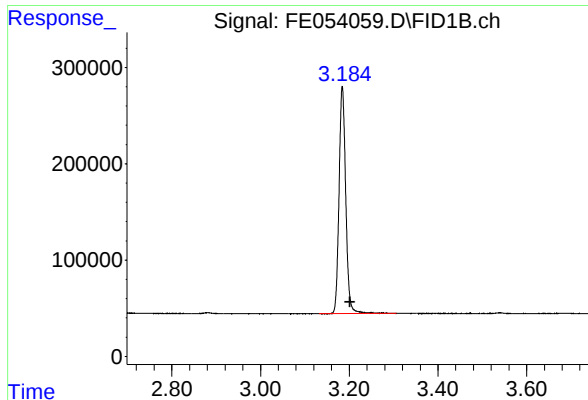
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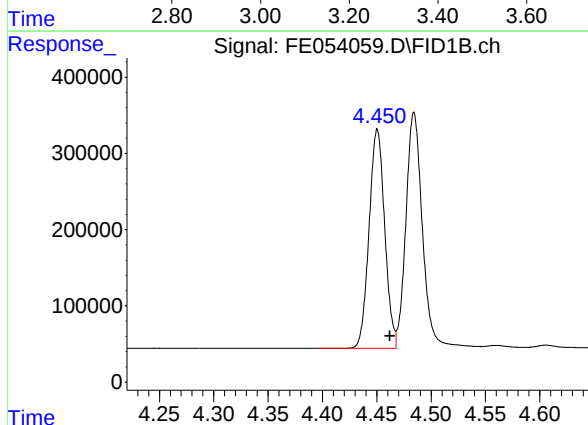




#1 n-Nonane (C9)

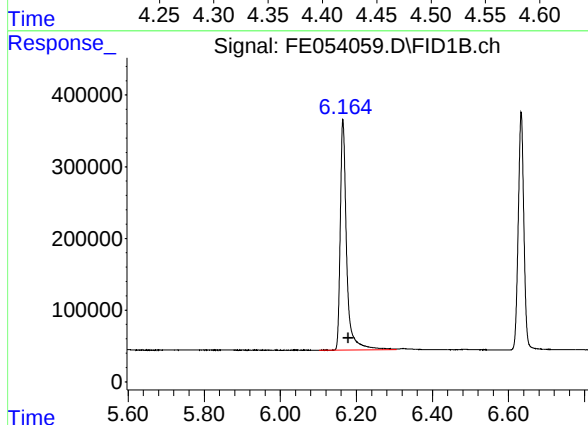
R.T.: 3.185 min
Delta R.T.: -0.017 min
Response: 2470523
Conc: 18.28 ug/ml

Instrument :
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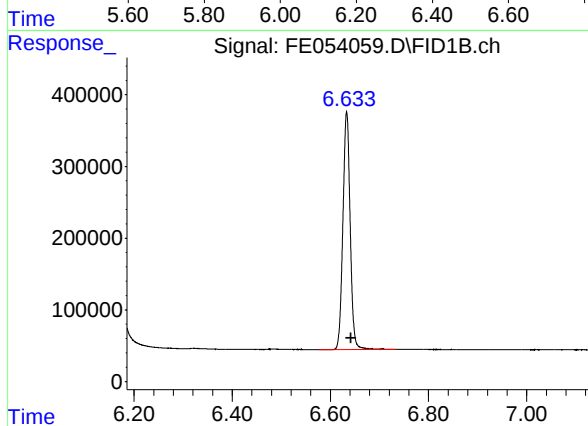
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.012 min
Response: 2859909
Conc: 21.16 ug/ml



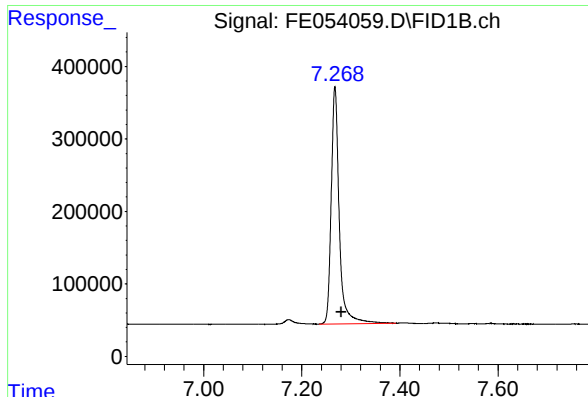
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.013 min
Response: 3748873
Conc: 26.09 ug/ml



#4 n-Dodecane (C12)

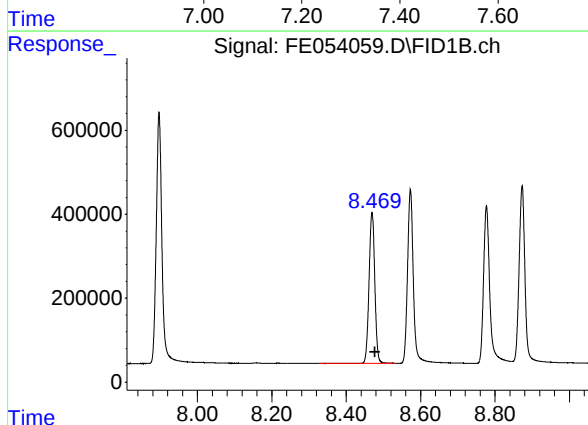
R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 3402592
Conc: 24.94 ug/ml



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

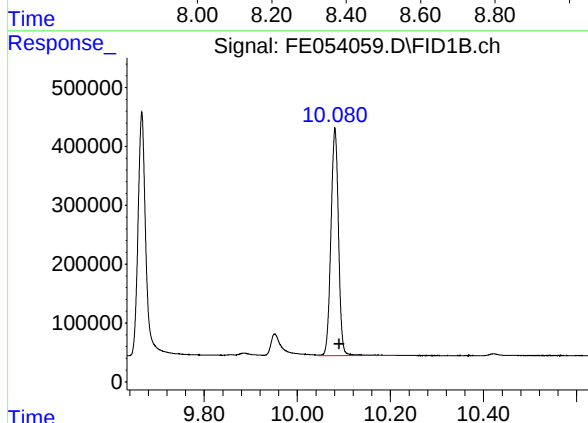
R.T.: 7.268 min
Delta R.T.: -0.012 min
Response: 3720785
Conc: 26.82 ug/ml

Instrument :
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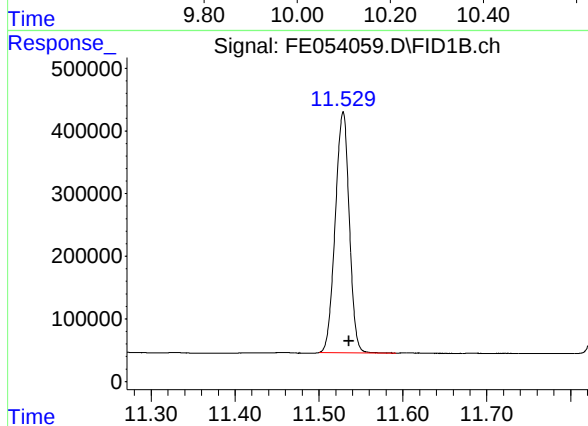
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.008 min
Response: 3872505
Conc: 28.70 ug/ml



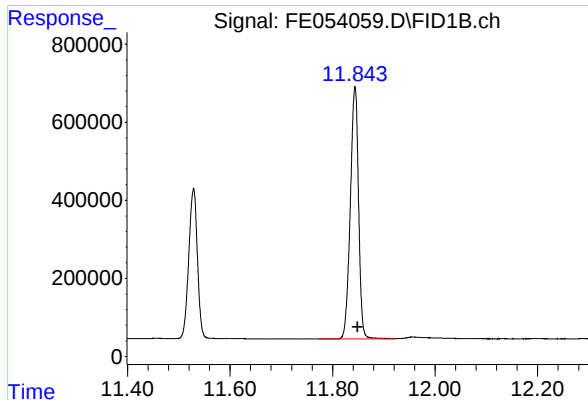
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.009 min
Response: 4364189
Conc: 32.34 ug/ml



#8 n-Octadecane (C18)

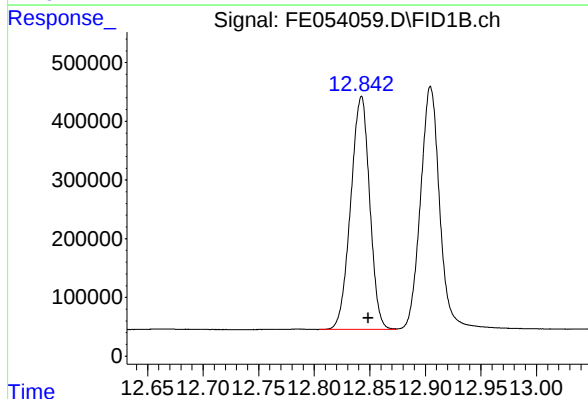
R.T.: 11.529 min
Delta R.T.: -0.007 min
Response: 4466558
Conc: 33.17 ug/ml



#9 ortho-Terphenyl (SURR)

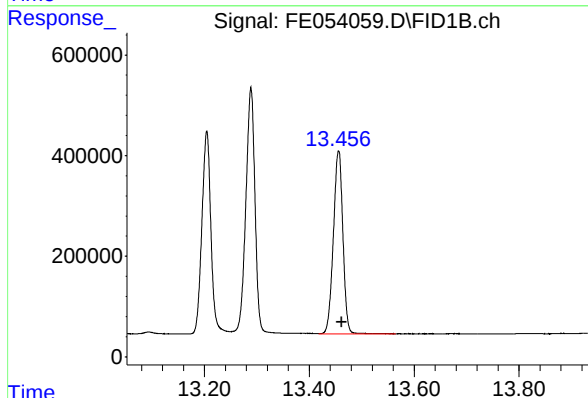
R.T.: 11.844 min
Delta R.T.: -0.005 min
Response: 7214586
Conc: 44.39 ug/ml

Instrument :
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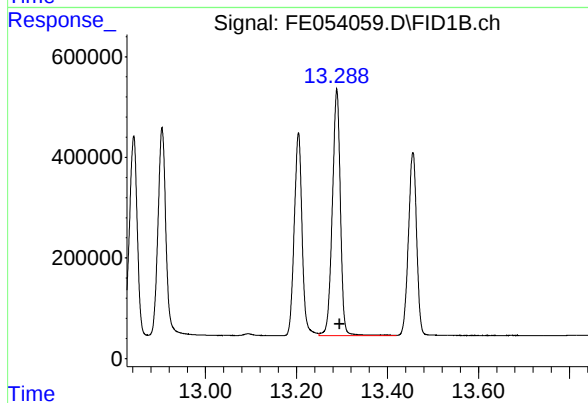
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.006 min
Response: 4719690
Conc: 35.91 ug/ml



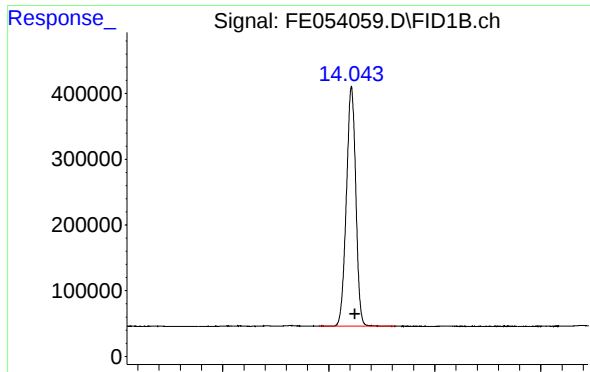
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.007 min
Response: 4581209
Conc: 35.34 ug/ml



#12 1-chlorooctadecane (SURR)

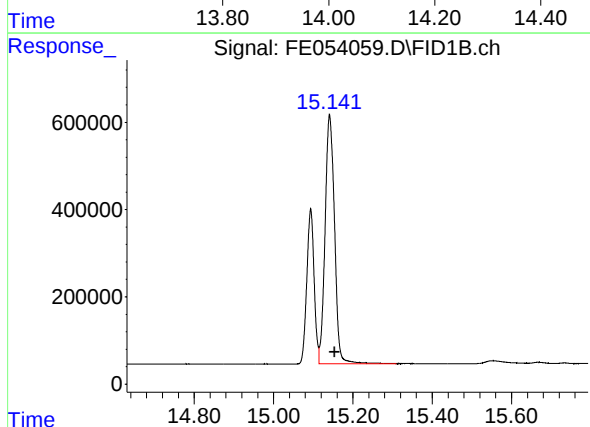
R.T.: 13.289 min
Delta R.T.: -0.006 min
Response: 6011899
Conc: 50.71 ug/ml



#13 n-Docosane (C22)

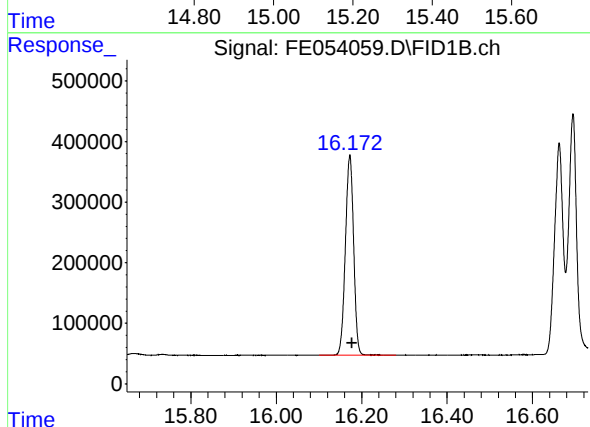
R.T.: 14.043 min
Delta R.T.: -0.006 min
Response: 4497000
Conc: 35.25 ug/ml

Instrument :
FID_E
ClientSampleId :
TP03-MHMMSD



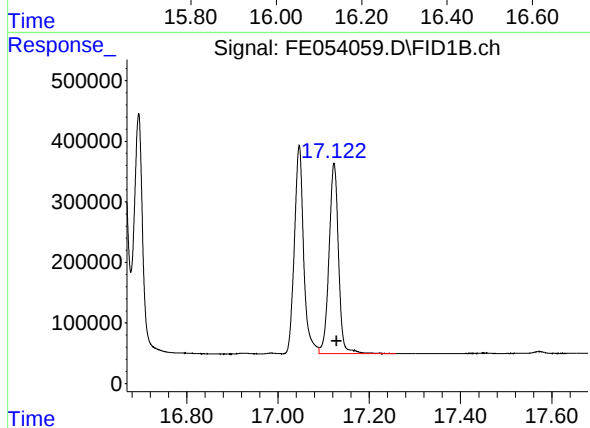
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.013 min
Response: 9444812
Conc: 75.49 ug/ml



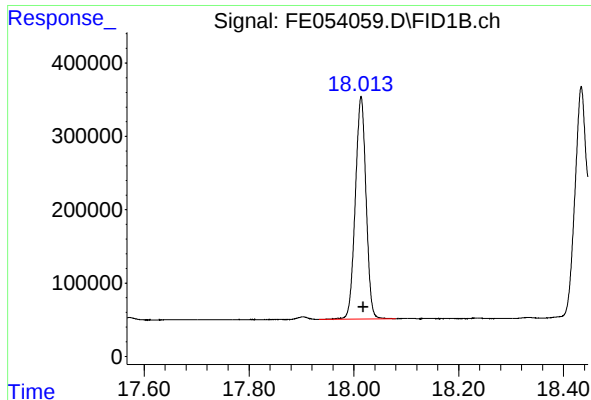
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 4424619
Conc: 36.13 ug/ml



#16 n-Octacosane (C28)

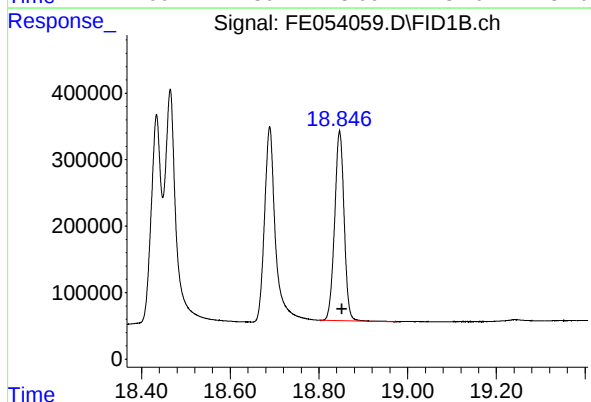
R.T.: 17.123 min
Delta R.T.: -0.006 min
Response: 4536876
Conc: 37.32 ug/ml



#17 n-Tricontane (C30)

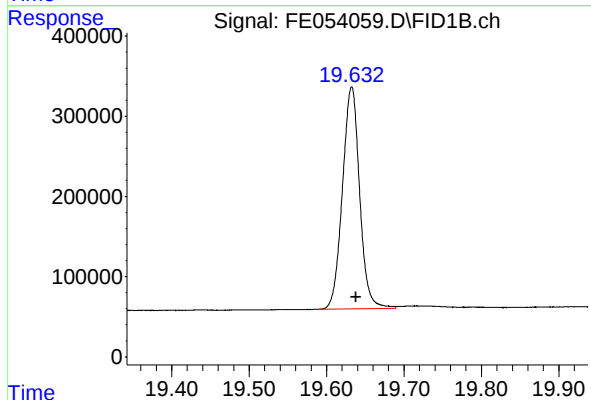
R.T.: 18.014 min
Delta R.T.: -0.004 min
Response: 4312731
Conc: 34.62 ug/ml

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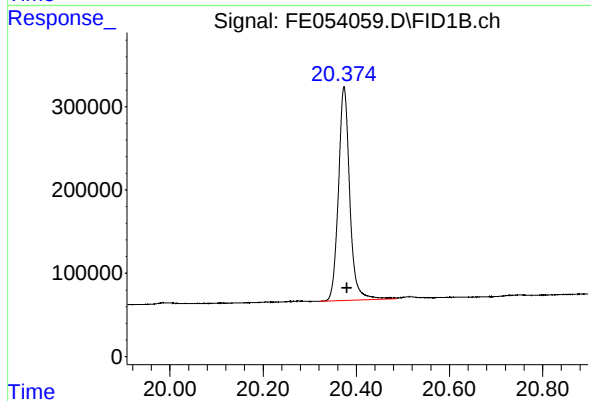
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.005 min
Response: 4217885
Conc: 33.73 ug/ml



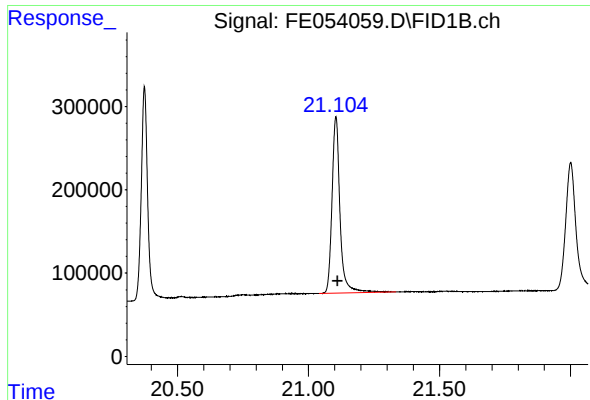
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.005 min
Response: 4266991
Conc: 35.82 ug/ml



#20 n-Hexatriacontane (C36)

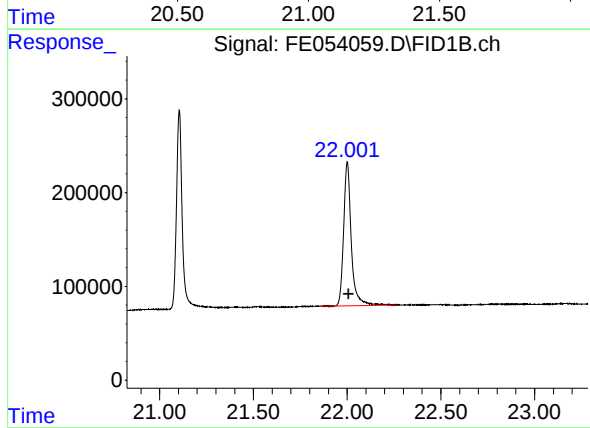
R.T.: 20.374 min
Delta R.T.: -0.006 min
Response: 4322588
Conc: 37.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.006 min
Response: 4508560
Conc: 41.43 ug/ml

Instrument :
FID_E
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TP03-MHMMSD



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.006 min
Response: 4347390
Conc: 43.81 ug/ml