

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072423AL\
 Data File : FE043471.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jul 2023 09:05
 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: sample.E
 Quant Time: Jul 25 01:59:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.886	3921599	21.900 ug/ml
Spiked Amount 50.000		Recovery =	43.80%
12) S 1-chlorooctadecane (S...	13.322	2853701	21.718 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
Target Compounds			
1) T n-Nonane (C9)	3.266	3319330	21.740 ug/ml
2) T n-Decane (C10)	4.518	3421539	21.948 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3512459	21.828 ug/ml
4) T n-Dodecane (C12)	6.688	3441844	21.843 ug/ml
5) T A~2-methylnaphthalene...	7.326	3328793	21.937 ug/ml
6) T n-Tetradecane (C14)	8.517	3420535	21.626 ug/ml
7) T n-Hexadecane (C16)	10.124	3530946	21.818 ug/ml
8) T n-Octadecane (C18)	11.568	3564479	21.866 ug/ml
10) T n-Eicosane (C20)	12.876	3401175	21.891 ug/ml
11) T n-Heneicosane (C21)	13.488	3323124	21.934 ug/ml
13) T n-Docosane (C22)	14.075	3277921	21.933 ug/ml
14) T n-Tetracosane (C24)	15.178	3213083	21.878 ug/ml
15) T n-Hexacosane (C26)	16.199	3136409	22.021 ug/ml
16) T n-Octacosane (C28)	17.148	3093477	21.986 ug/ml
17) T n-Tricontane (C30)	18.035	3256126	22.103 ug/ml
18) T n-Dotriacontane (C32)	18.866	3284989	22.169 ug/ml
19) T n-Tetratriacontane (C34)	19.651	3181059	22.042 ug/ml
20) T n-Hexatriacontane (C36)	20.393	3077449	20.938 ug/ml
21) T n-Octatriacontane (C38)	21.127	2959793	20.748 ug/ml
22) T n-Tetracontane (C40)	22.033	3089769	20.936 ug/ml

(f)=RT Delta > 1/2 Window

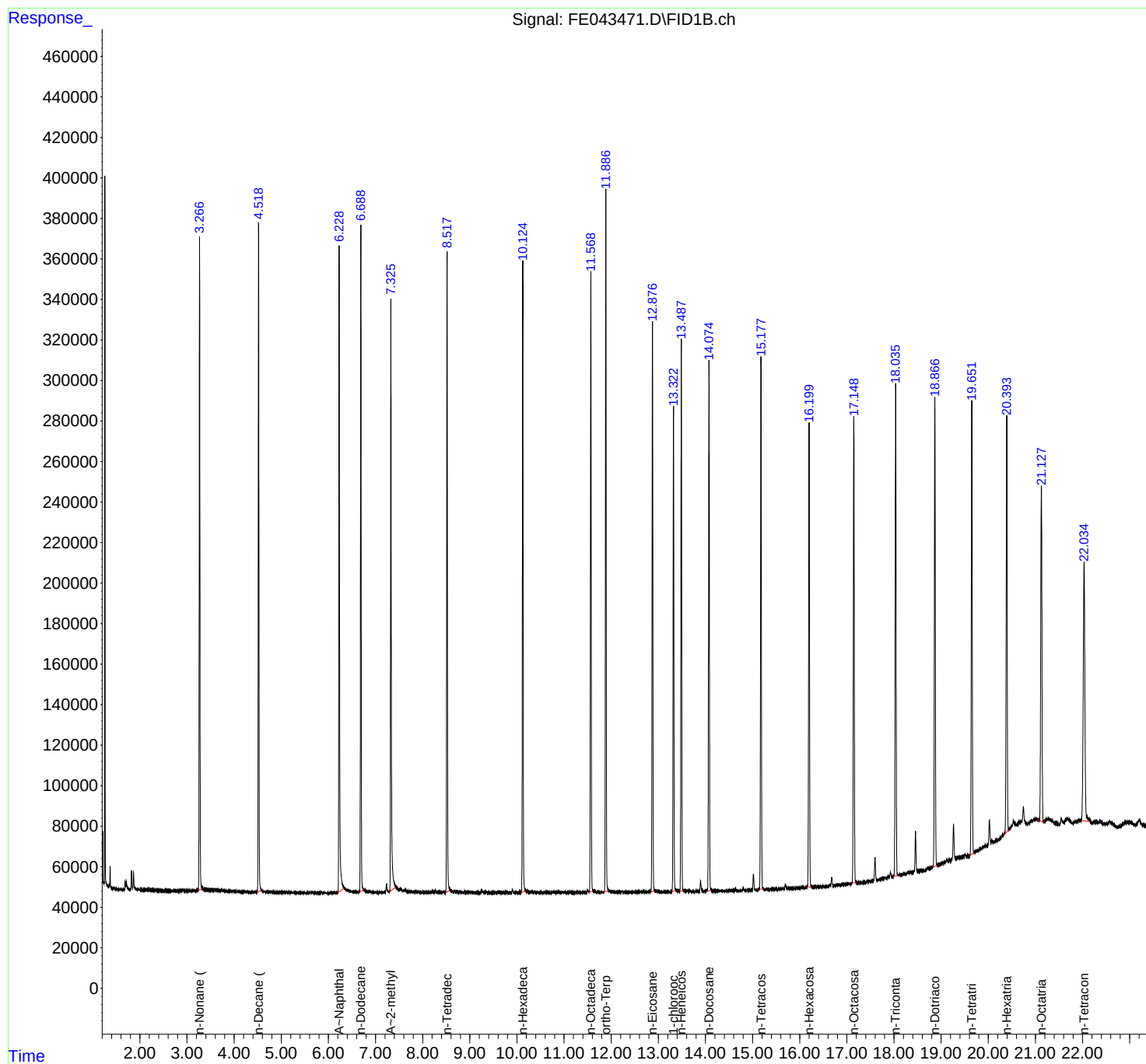
(m)=manual int.

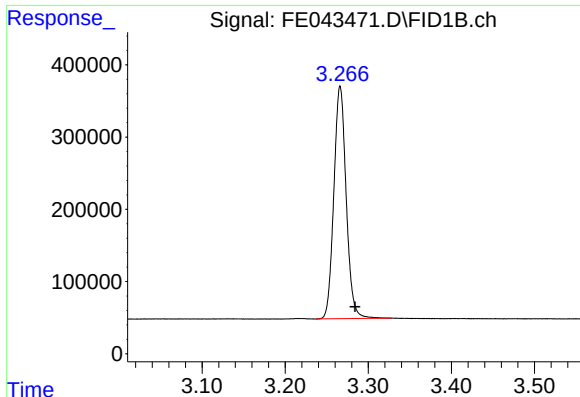
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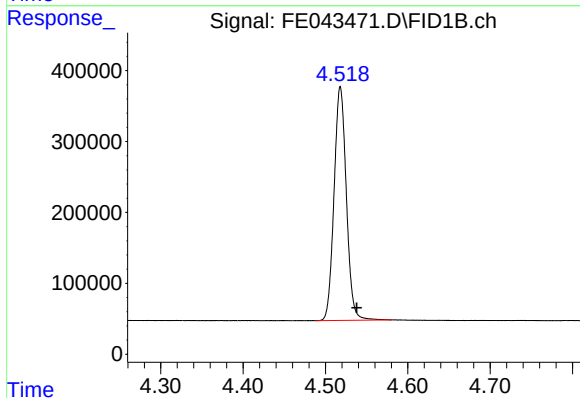




#1 n-Nonane (C9)

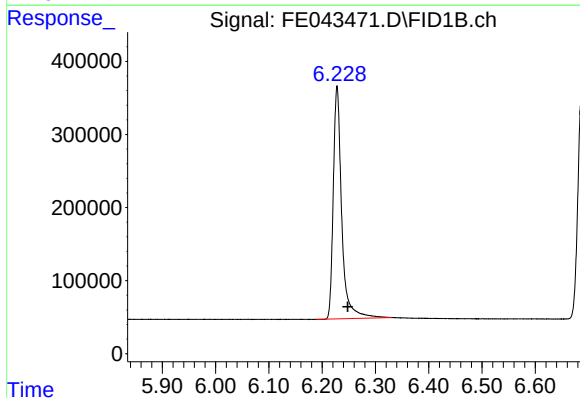
R.T.: 3.266 min
Delta R.T.: -0.018 min
Response: 3319330
Conc: 21.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



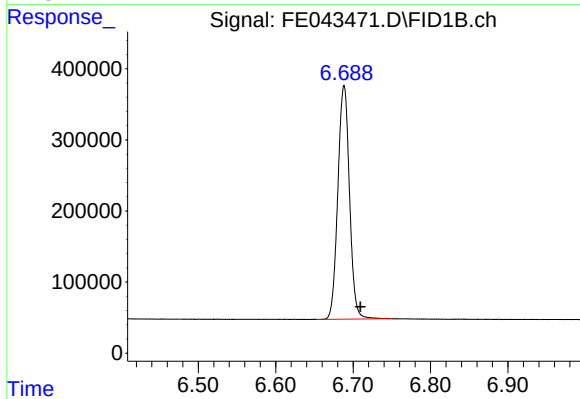
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.020 min
Response: 3421539
Conc: 21.95 ug/ml



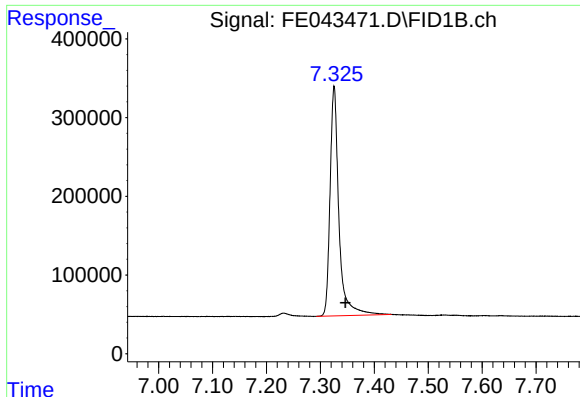
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.020 min
Response: 3512459
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

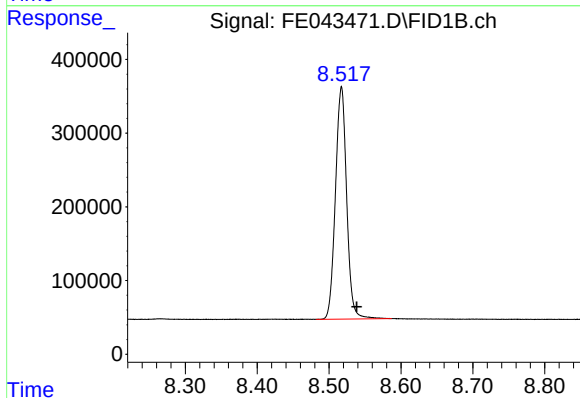
R.T.: 6.688 min
Delta R.T.: -0.021 min
Response: 3441844
Conc: 21.84 ug/ml



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

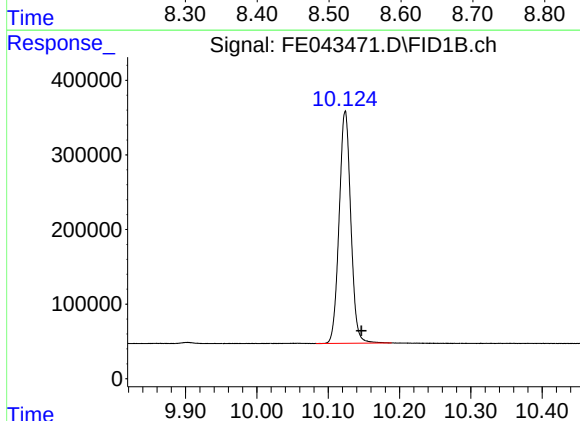
R.T.: 7.326 min
Delta R.T.: -0.021 min
Response: 3328793
Conc: 21.94 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



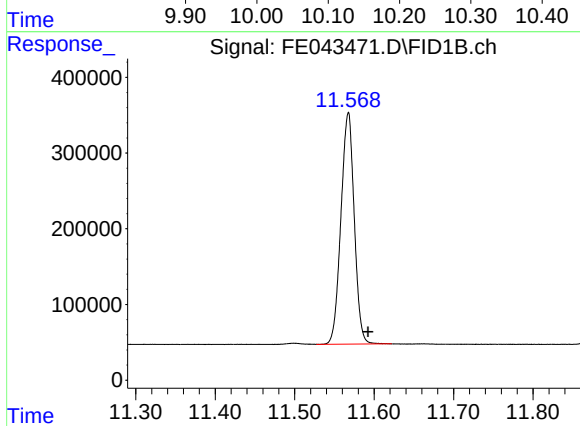
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.021 min
Response: 3420535
Conc: 21.63 ug/ml



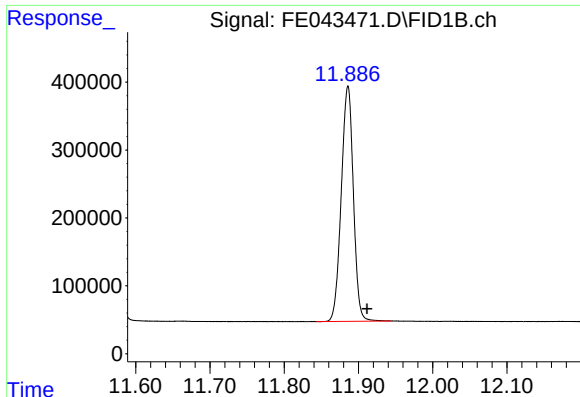
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.023 min
Response: 3530946
Conc: 21.82 ug/ml



#8 n-Octadecane (C18)

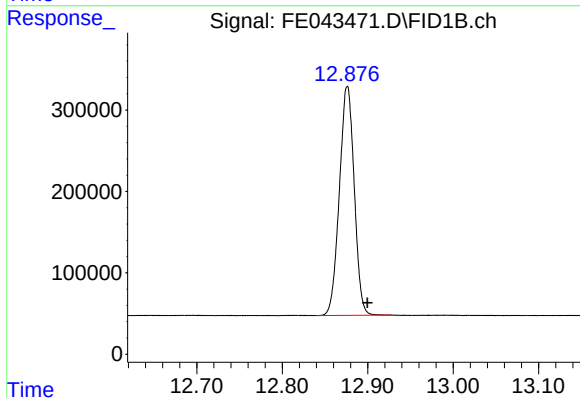
R.T.: 11.568 min
Delta R.T.: -0.025 min
Response: 3564479
Conc: 21.87 ug/ml



#9 ortho-Terphenyl (SURR)

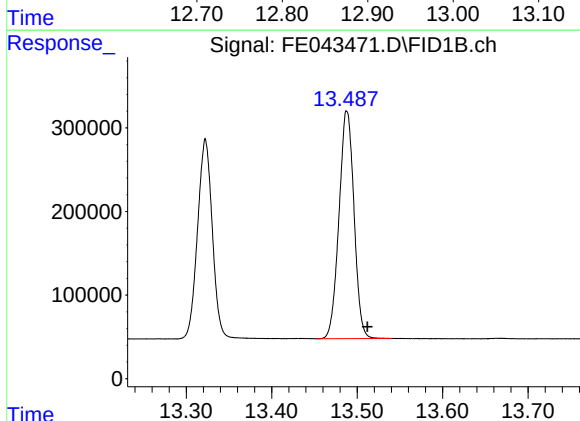
R.T.: 11.886 min
Delta R.T.: -0.026 min
Response: 3921599
Conc: 21.90 ug/ml

Instrument :
FID_E
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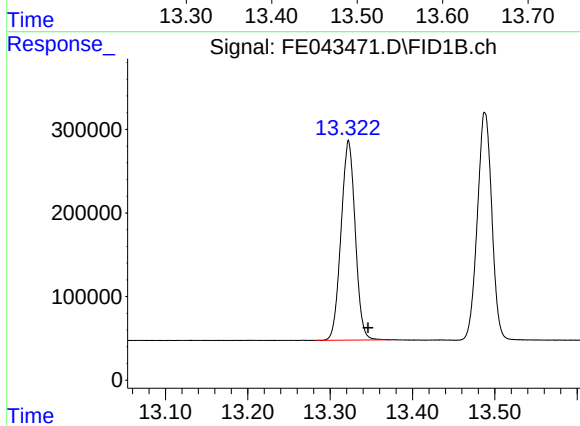
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.024 min
Response: 3401175
Conc: 21.89 ug/ml



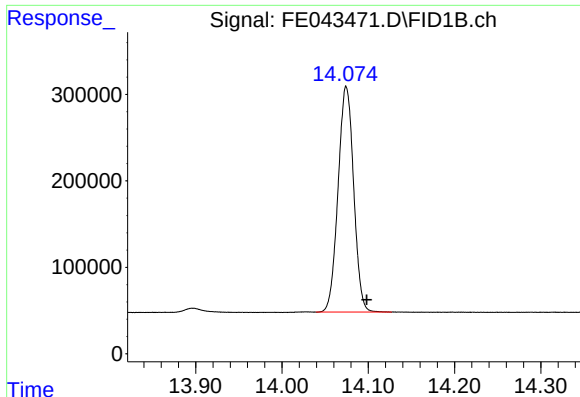
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.024 min
Response: 3323124
Conc: 21.93 ug/ml



#12 1-chlorooctadecane (SURR)

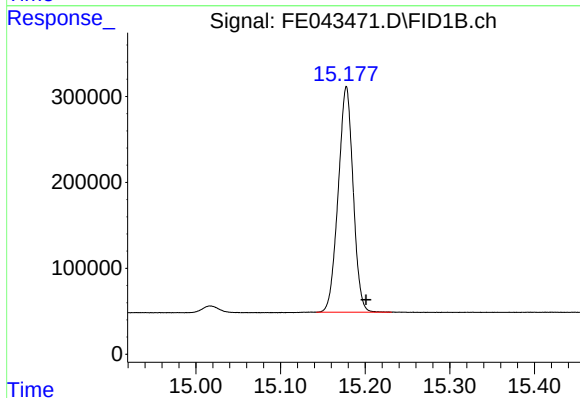
R.T.: 13.322 min
Delta R.T.: -0.023 min
Response: 2853701
Conc: 21.72 ug/ml



#13 n-Docosane (C22)

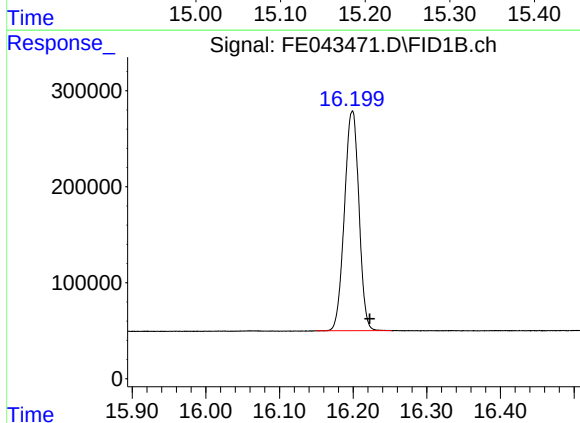
R.T.: 14.075 min
Delta R.T.: -0.024 min
Response: 3277921
Conc: 21.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



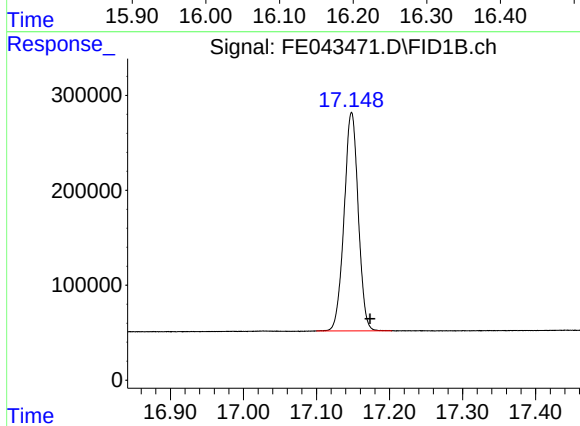
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.023 min
Response: 3213083
Conc: 21.88 ug/ml



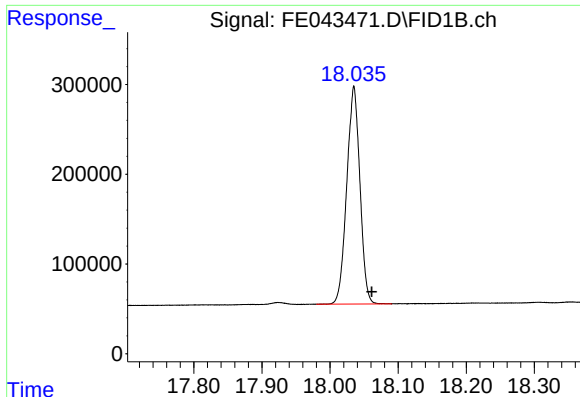
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.024 min
Response: 3136409
Conc: 22.02 ug/ml



#16 n-Octacosane (C28)

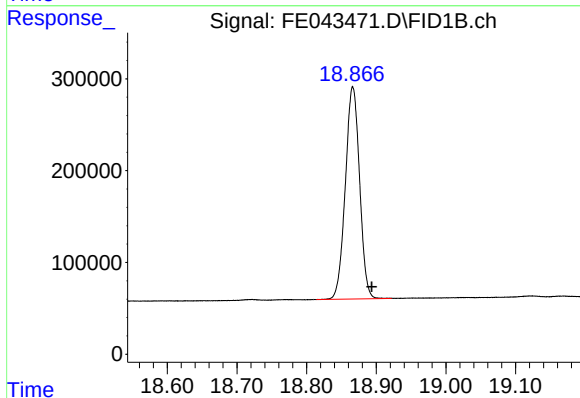
R.T.: 17.148 min
Delta R.T.: -0.025 min
Response: 3093477
Conc: 21.99 ug/ml



#17 n-Tricontane (C30)

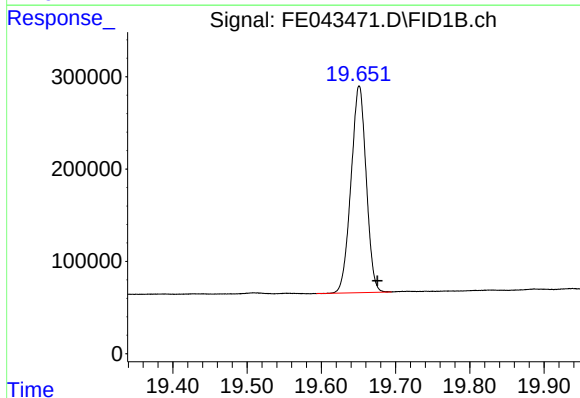
R.T.: 18.035 min
Delta R.T.: -0.026 min
Response: 3256126
Conc: 22.10 ug/ml

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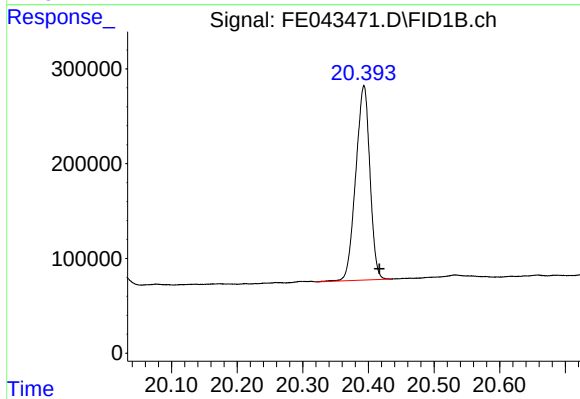
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: -0.027 min
Response: 3284989
Conc: 22.17 ug/ml



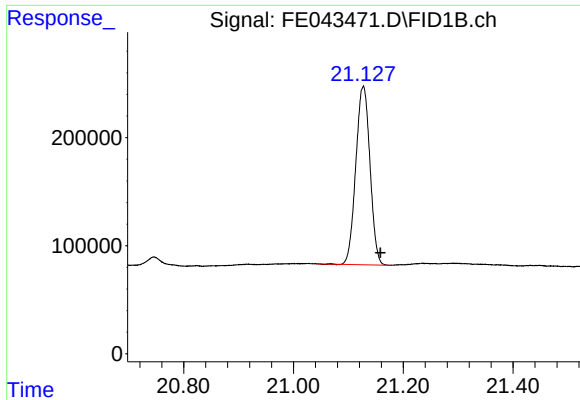
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: -0.025 min
Response: 3181059
Conc: 22.04 ug/ml



#20 n-Hexatriacontane (C36)

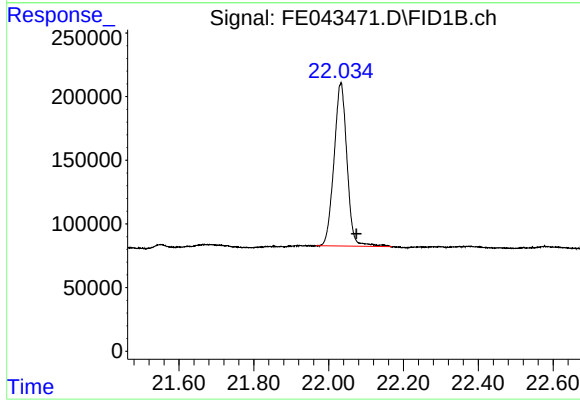
R.T.: 20.393 min
Delta R.T.: -0.023 min
Response: 3077449
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: -0.031 min
Response: 2959793
Conc: 20.75 ug/ml

Instrument :
FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.041 min
Response: 3089769
Conc: 20.94 ug/ml