

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072924AL\
 Data File : FE049289.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2024 08:52
 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: Jul 29 09:22:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.909	3099416	19.983 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.345	2386915	20.430 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	3.296	2895012	19.250 ug/ml
2) T n-Decane (C10)	4.546	3043891	19.708 ug/ml
3) T A~Naphthalene (C11.7)	6.253	3090657	19.837 ug/ml
4) T n-Dodecane (C12)	6.712	3021613	19.623 ug/ml
5) T A~2-methylnaphthalene...	7.349	2914812	20.029 ug/ml
6) T n-Tetradecane (C14)	8.540	2976295	19.610 ug/ml
7) T n-Hexadecane (C16)	10.148	3042927	20.065 ug/ml
8) T n-Octadecane (C18)	11.590	3049048	20.082 ug/ml
10) T n-Eicosane (C20)	12.898	2904593	20.086 ug/ml
11) T n-Heneicosane (C21)	13.511	2856408	20.143 ug/ml
13) T n-Docosane (C22)	14.097	2854887	20.320 ug/ml
14) T n-Tetracosane (C24)	15.199	2898924	20.684 ug/ml
15) T n-Hexacosane (C26)	16.219	2923992	20.853 ug/ml
16) T n-Octacosane (C28)	17.168	3050817	21.797 ug/ml
17) T n-Tricontane (C30)	18.055	3412085	23.391 ug/ml
18) T n-Dotriacontane (C32)	18.888	3637708	24.740 ug/ml
19) T n-Tetratriacontane (C34)	19.671	3575971	24.481 ug/ml
20) T n-Hexatriacontane (C36)	20.411	3457465	23.984 ug/ml
21) T n-Octatriacontane (C38)	21.142	3346564	22.357 ug/ml
22) T n-Tetracontane (C40)	22.050	3402387	22.547 ug/ml

(f)=RT Delta > 1/2 Window

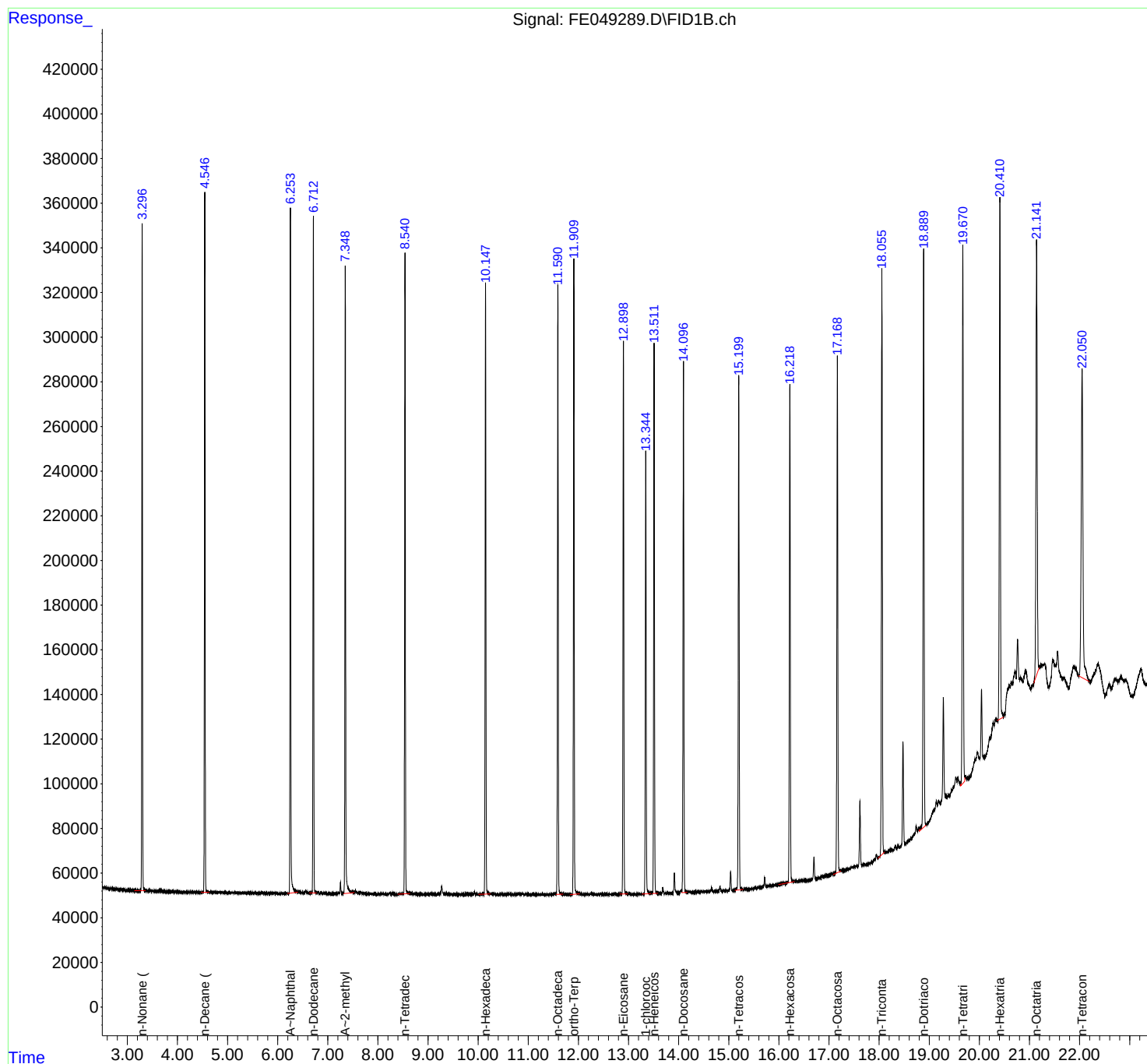
(m)=manual int.

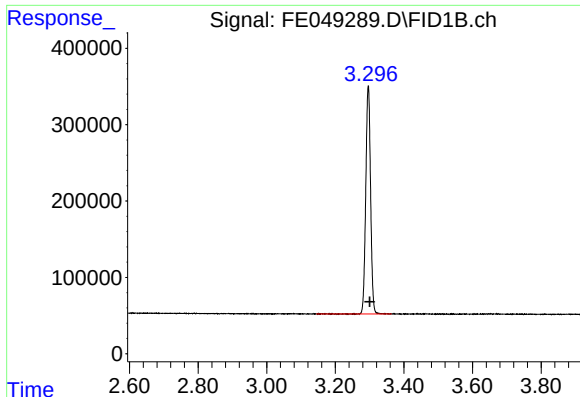
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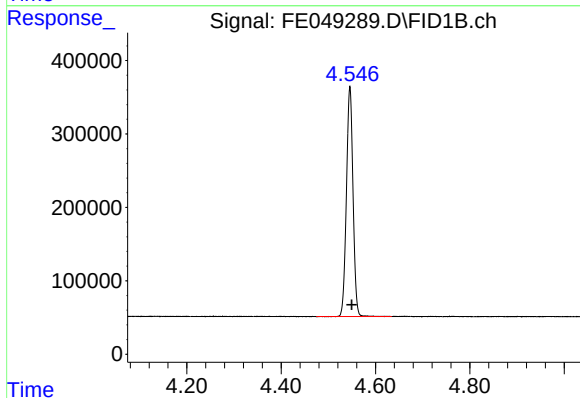




#1 n-Nonane (C9)

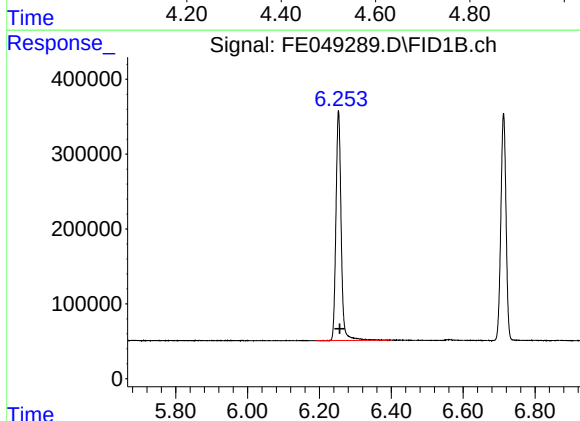
R.T.: 3.296 min
Delta R.T.: -0.005 min
Response: 2895012
Conc: 19.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



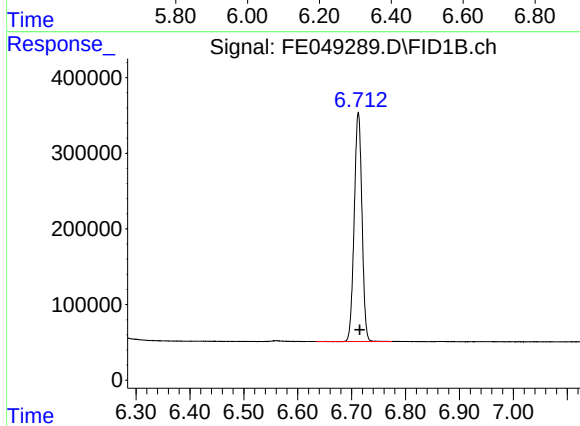
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.004 min
Response: 3043891
Conc: 19.71 ug/ml



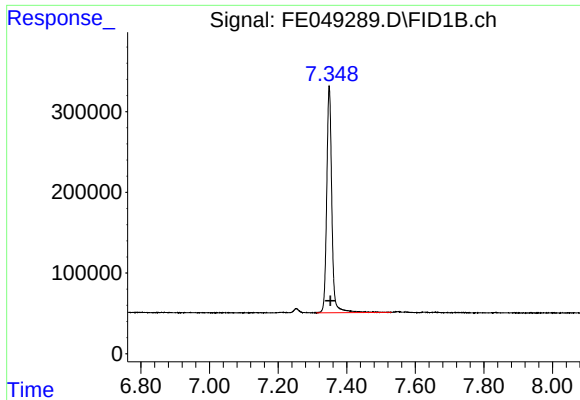
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 3090657
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

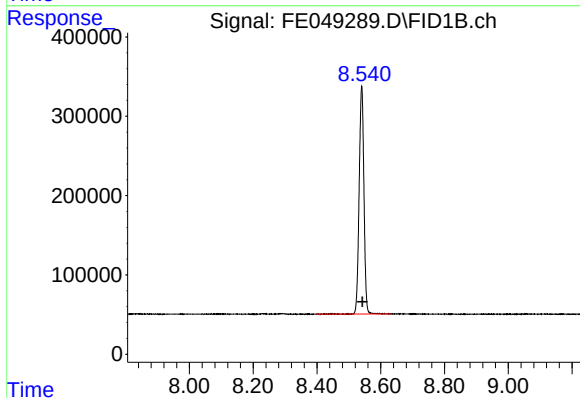
R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 3021613
Conc: 19.62 ug/ml



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

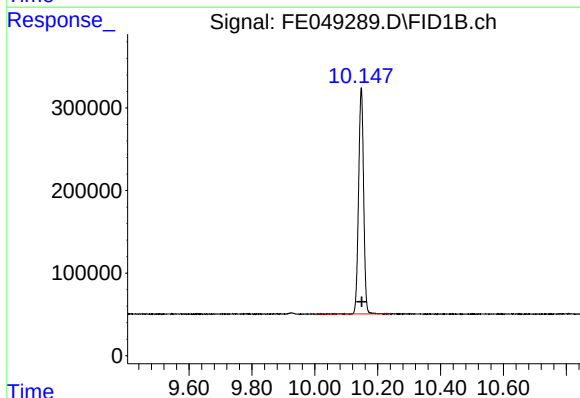
R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 2914812
Conc: 20.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



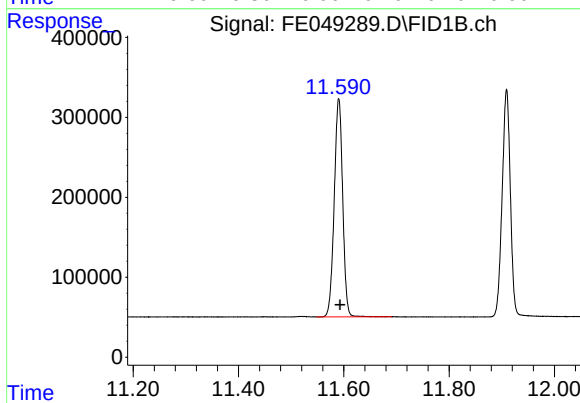
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 2976295
Conc: 19.61 ug/ml



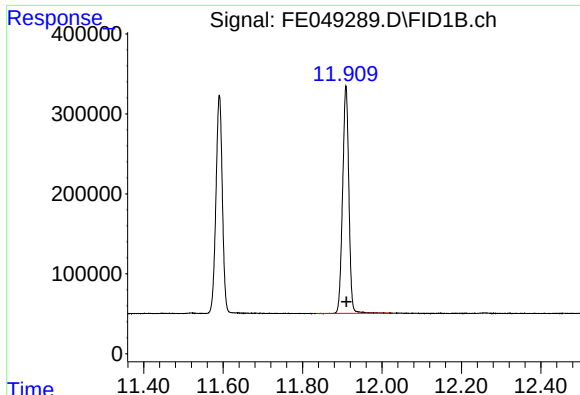
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.002 min
Response: 3042927
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

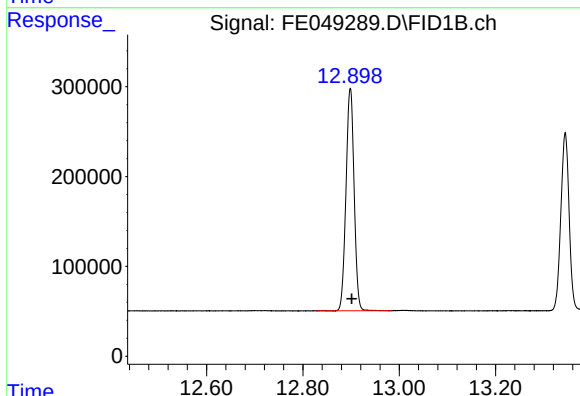
R.T.: 11.590 min
Delta R.T.: -0.002 min
Response: 3049048
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

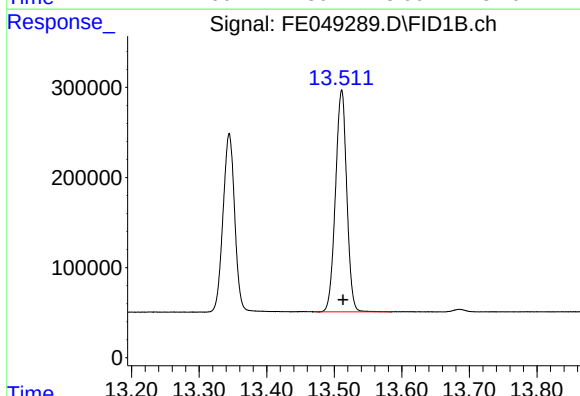
R.T.: 11.909 min
Delta R.T.: -0.002 min
Response: 3099416
Conc: 19.98 ug/ml

Instrument :
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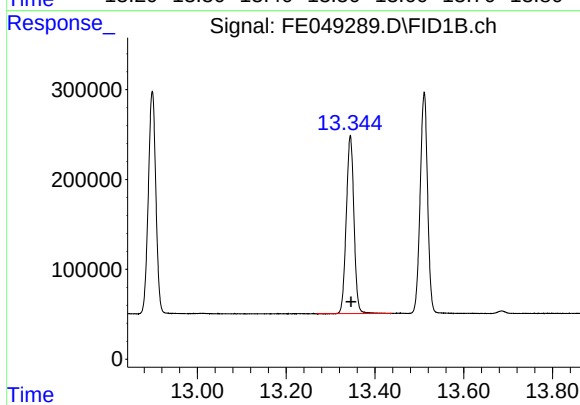
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.003 min
Response: 2904593
Conc: 20.09 ug/ml



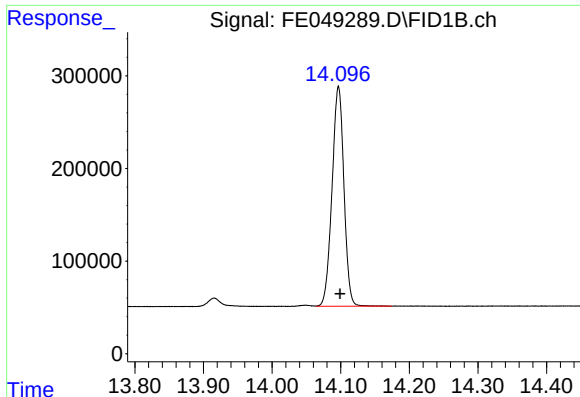
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 2856408
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

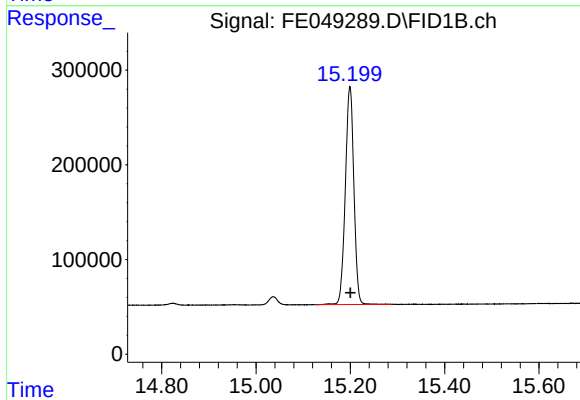
R.T.: 13.345 min
Delta R.T.: -0.002 min
Response: 2386915
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

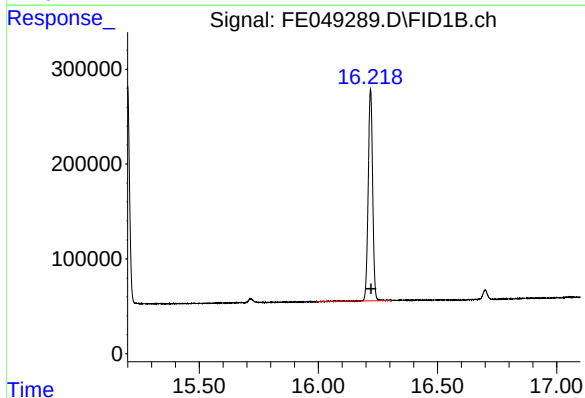
R.T.: 14.097 min
Delta R.T.: -0.002 min
Response: 2854887
Conc: 20.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



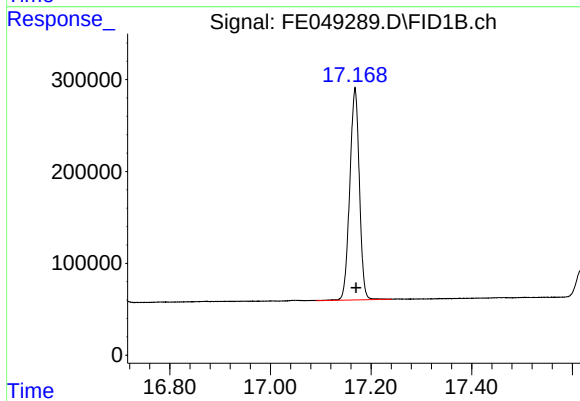
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.001 min
Response: 2898924
Conc: 20.68 ug/ml



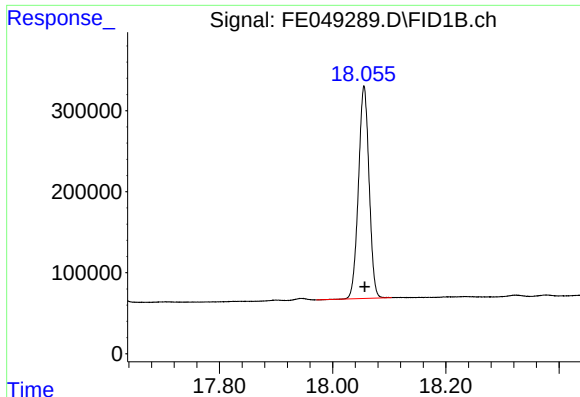
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.002 min
Response: 2923992
Conc: 20.85 ug/ml



#16 n-Octacosane (C28)

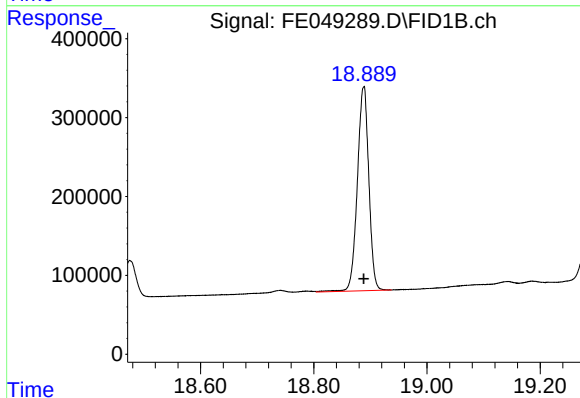
R.T.: 17.168 min
Delta R.T.: -0.002 min
Response: 3050817
Conc: 21.80 ug/ml



#17 n-Tricontane (C30)

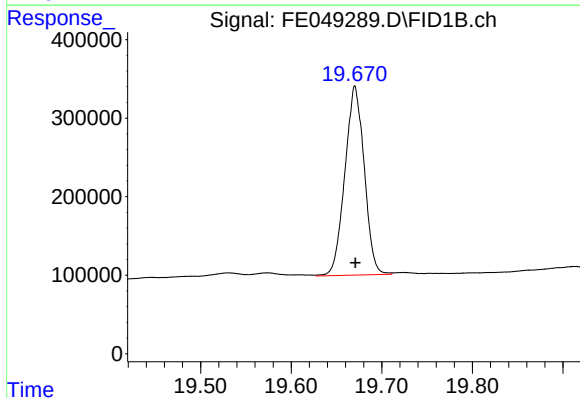
R.T.: 18.055 min
Delta R.T.: -0.001 min
Response: 3412085
Conc: 23.39 ug/ml

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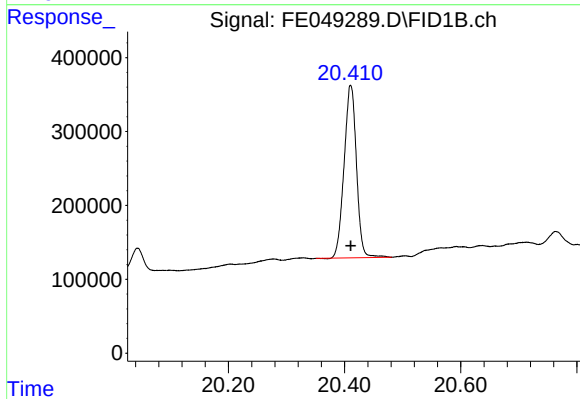
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: 0.000 min
Response: 3637708
Conc: 24.74 ug/ml



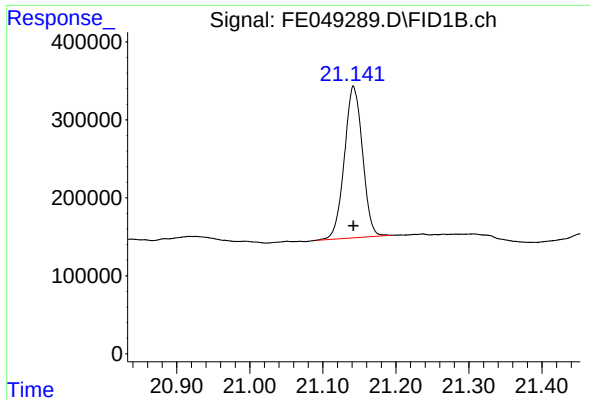
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: 0.000 min
Response: 3575971
Conc: 24.48 ug/ml



#20 n-Hexatriacontane (C36)

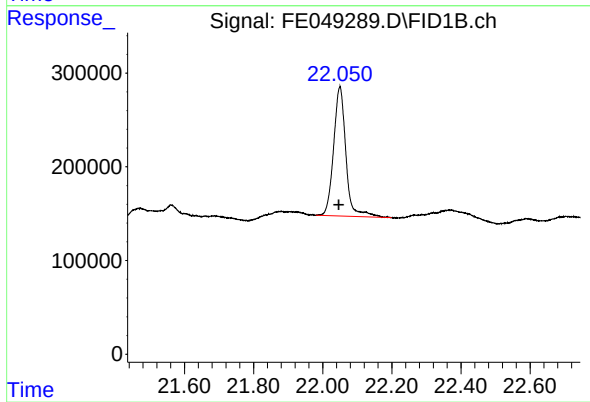
R.T.: 20.411 min
Delta R.T.: 0.000 min
Response: 3457465
Conc: 23.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 3346564
Conc: 22.36 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: 0.003 min
Response: 3402387
Conc: 22.55 ug/ml