

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040824AL\
 Data File : FE047507.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2024 08:47
 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: Apr 09 01:43:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.976	3141192	18.110 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
12) S 1-chlorooctadecane (S...	13.410	2428411	18.056 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
Target Compounds			
1) T n-Nonane (C9)	3.360	2816396	18.002 ug/ml
2) T n-Decane (C10)	4.612	2911009	18.113 ug/ml
3) T A~Naphthalene (C11.7)	6.317	3041110	17.936 ug/ml
4) T n-Dodecane (C12)	6.777	2931996	18.064 ug/ml
5) T A~2-methylnaphthalene...	7.413	2941143	17.910 ug/ml
6) T n-Tetradecane (C14)	8.605	2910308	18.091 ug/ml
7) T n-Hexadecane (C16)	10.212	3016092	18.161 ug/ml
8) T n-Octadecane (C18)	11.655	3063388	18.267 ug/ml
10) T n-Eicosane (C20)	12.965	2990948	18.462 ug/ml
11) T n-Heneicosane (C21)	13.576	2894245	18.240 ug/ml
13) T n-Docosane (C22)	14.162	3048195	18.994 ug/ml
14) T n-Tetracosane (C24)	15.264	3327155	20.157 ug/ml
15) T n-Hexacosane (C26)	16.285	3539416	21.413 ug/ml
16) T n-Octacosane (C28)	17.233	3716332	22.426 ug/ml
17) T n-Tricontane (C30)	18.120	3976110	23.420 ug/ml
18) T n-Dotriacontane (C32)	18.954	3845674	23.062 ug/ml
19) T n-Tetratriacontane (C34)	19.734	3389510	21.133 ug/ml
20) T n-Hexatriacontane (C36)	20.471	3106613	19.477 ug/ml
21) T n-Octatriacontane (C38)	21.212	2928902	18.021 ug/ml
22) T n-Tetracontane (C40)	22.140	2868179	17.518 ug/ml

(f)=RT Delta > 1/2 Window

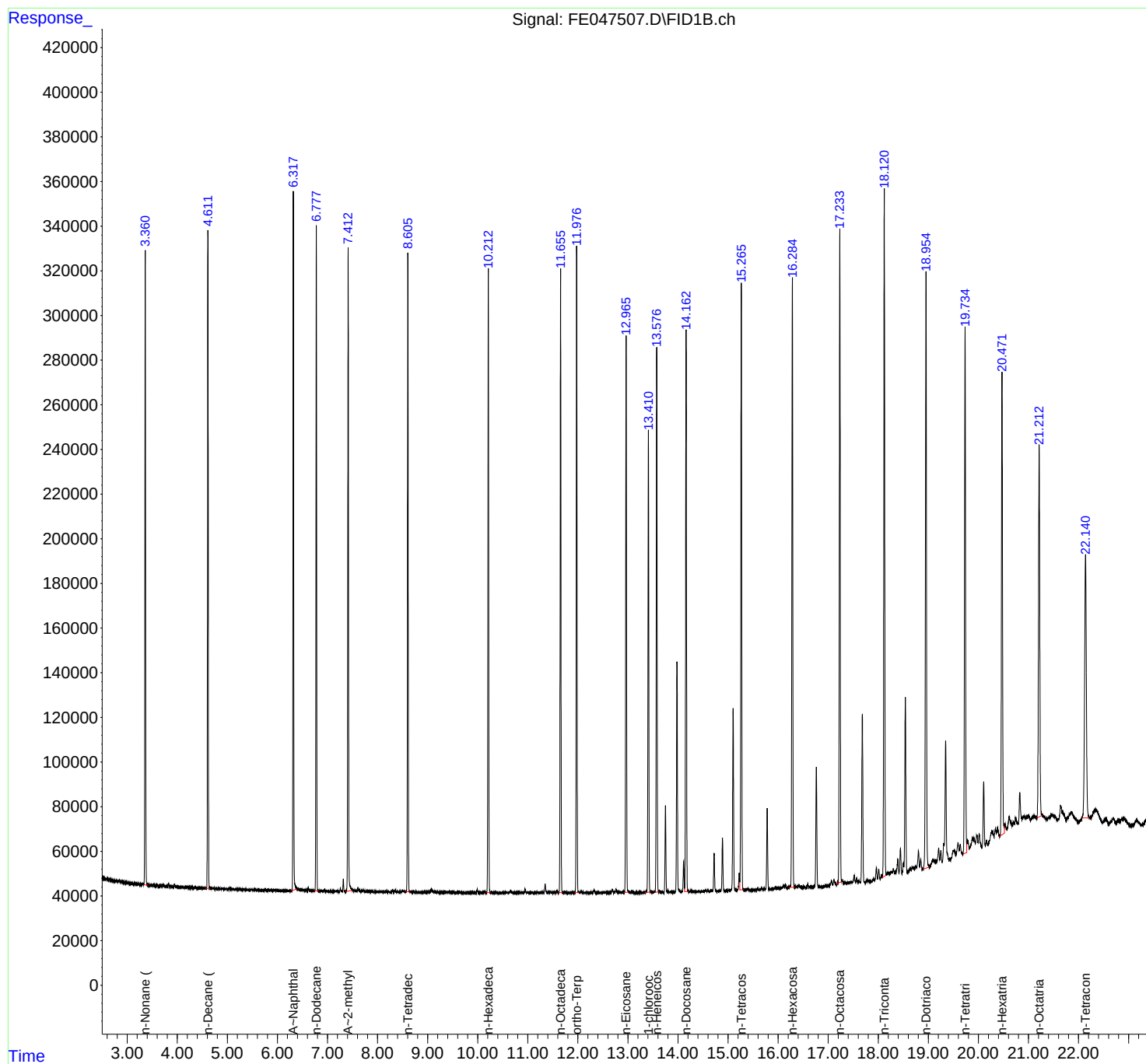
(m)=manual int.

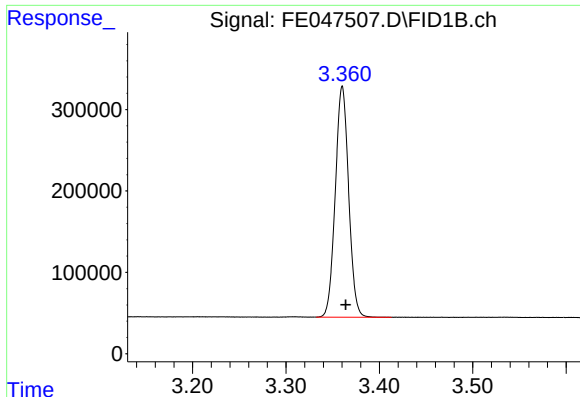
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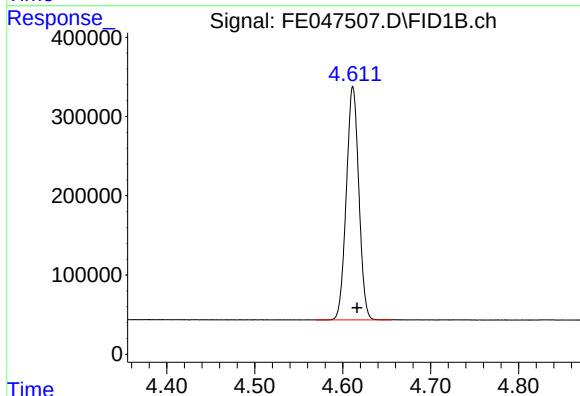




#1 n-Nonane (C9)

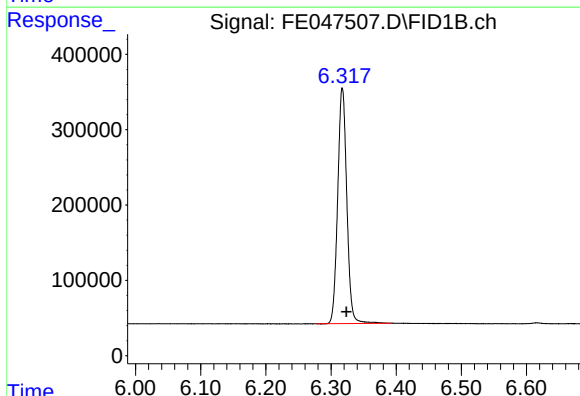
R.T.: 3.360 min
Delta R.T.: -0.004 min
Response: 2816396
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



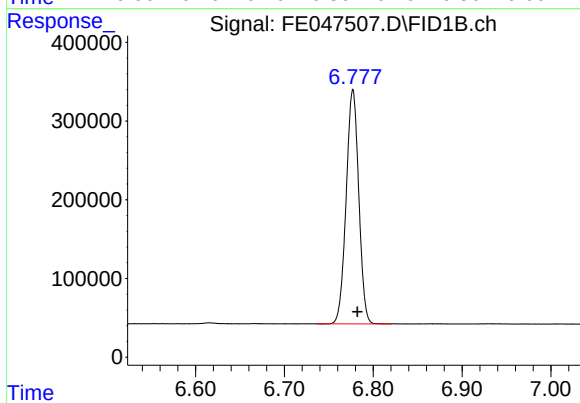
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.004 min
Response: 2911009
Conc: 18.11 ug/ml



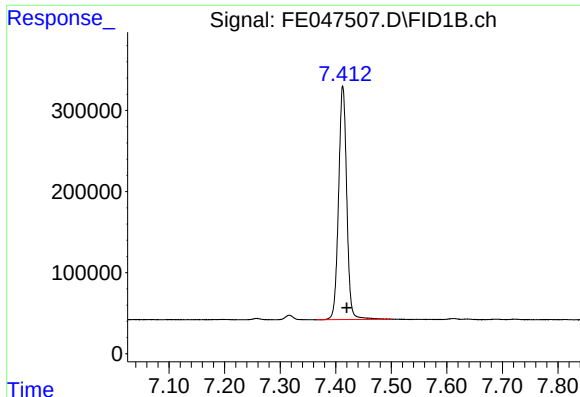
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: -0.006 min
Response: 3041110
Conc: 17.94 ug/ml



#4 n-Dodecane (C12)

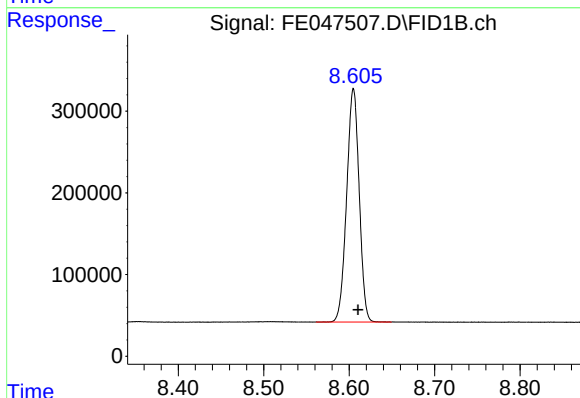
R.T.: 6.777 min
Delta R.T.: -0.005 min
Response: 2931996
Conc: 18.06 ug/ml



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

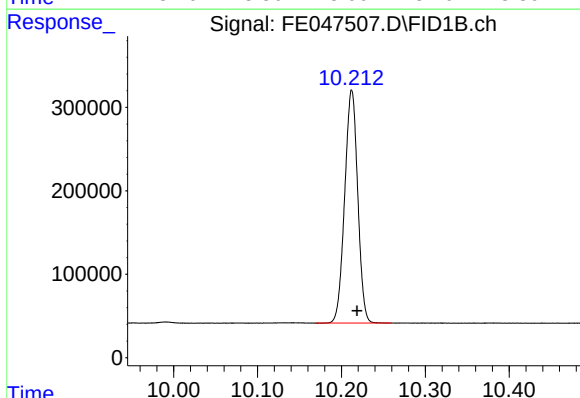
R.T.: 7.413 min
Delta R.T.: -0.007 min
Response: 2941143
Conc: 17.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



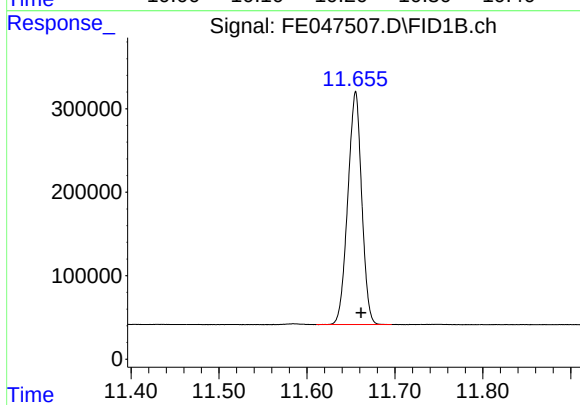
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.005 min
Response: 2910308
Conc: 18.09 ug/ml



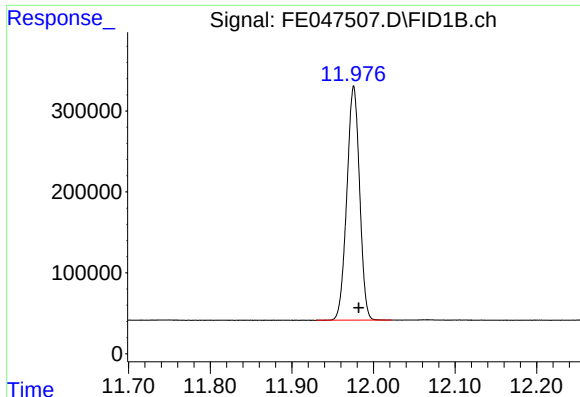
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.006 min
Response: 3016092
Conc: 18.16 ug/ml



#8 n-Octadecane (C18)

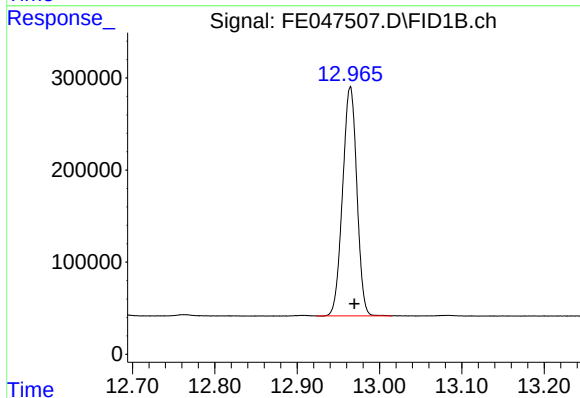
R.T.: 11.655 min
Delta R.T.: -0.006 min
Response: 3063388
Conc: 18.27 ug/ml



#9 ortho-Terphenyl (SURR)

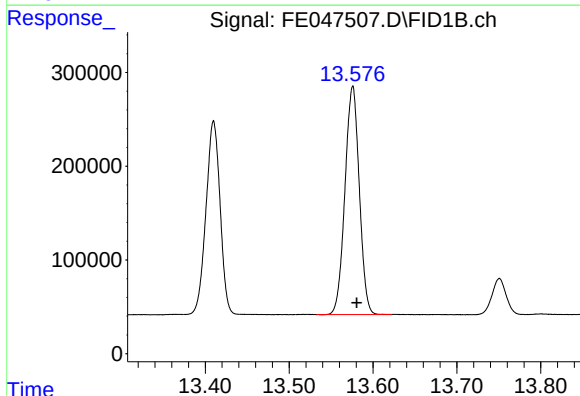
R.T.: 11.976 min
Delta R.T.: -0.006 min
Response: 3141192
Conc: 18.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



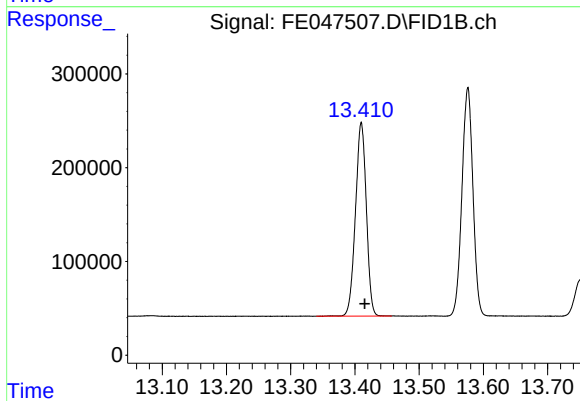
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.005 min
Response: 2990948
Conc: 18.46 ug/ml



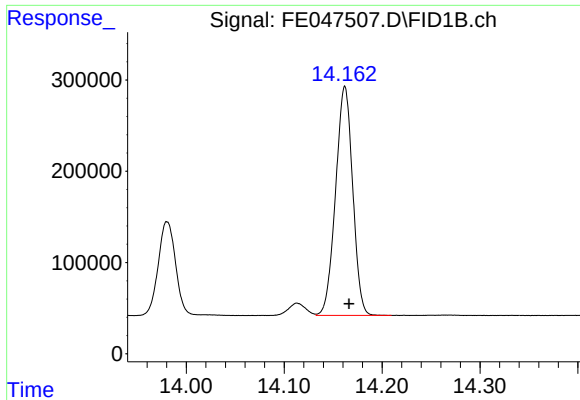
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.005 min
Response: 2894245
Conc: 18.24 ug/ml



#12 1-chlorooctadecane (SURR)

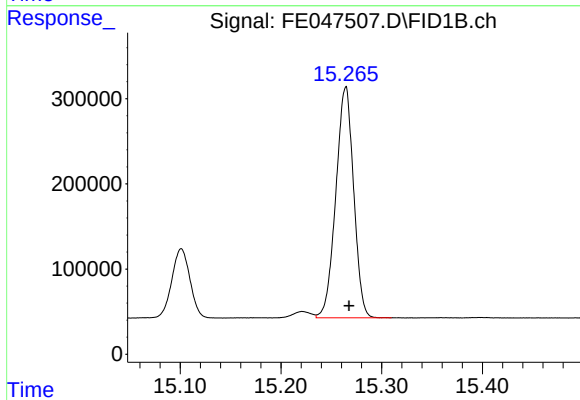
R.T.: 13.410 min
Delta R.T.: -0.005 min
Response: 2428411
Conc: 18.06 ug/ml



#13 n-Docosane (C22)

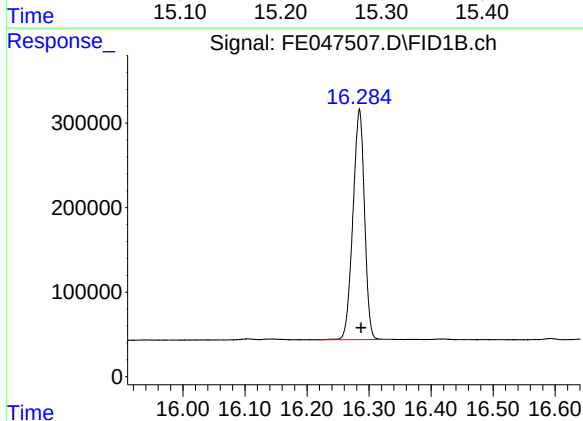
R.T.: 14.162 min
Delta R.T.: -0.004 min
Response: 3048195
Conc: 18.99 ug/ml

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20 PPM ALIPHATIC HC STD



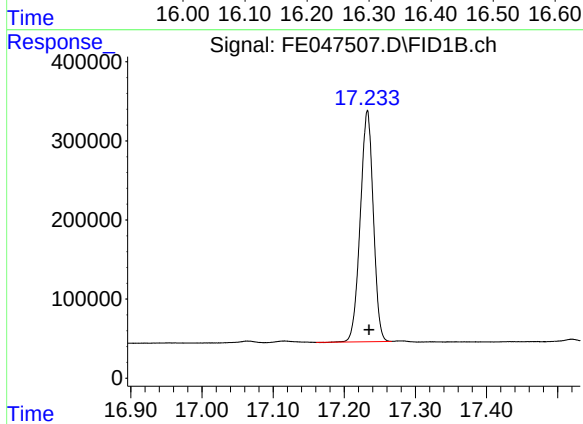
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.003 min
Response: 3327155
Conc: 20.16 ug/ml



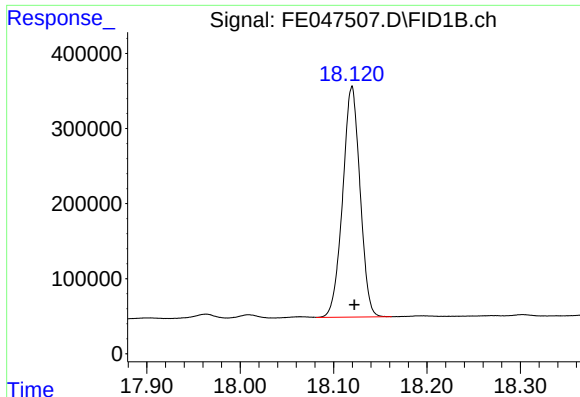
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.002 min
Response: 3539416
Conc: 21.41 ug/ml



#16 n-Octacosane (C28)

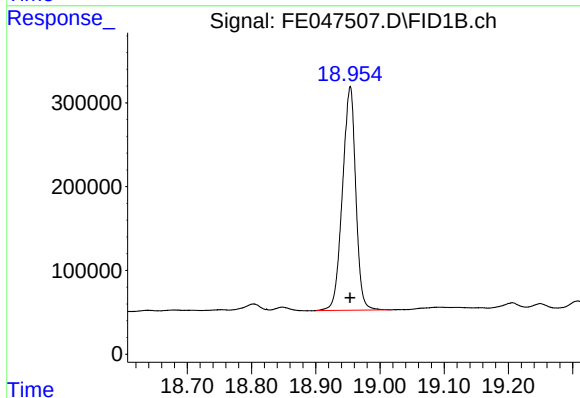
R.T.: 17.233 min
Delta R.T.: -0.003 min
Response: 3716332
Conc: 22.43 ug/ml



#17 n-Tricontane (C30)

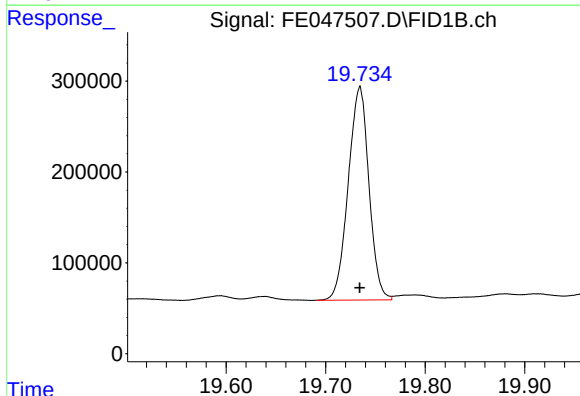
R.T.: 18.120 min
Delta R.T.: -0.003 min
Response: 3976110
Conc: 23.42 ug/ml

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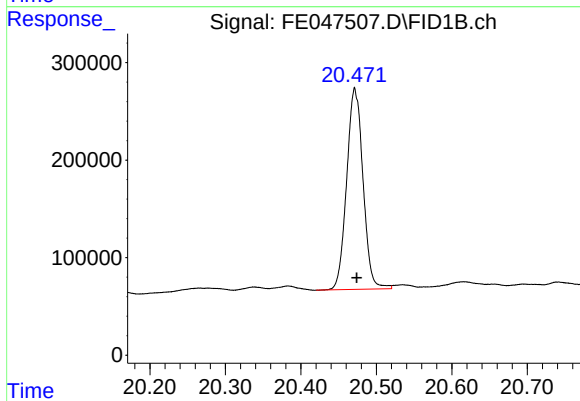
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.000 min
Response: 3845674
Conc: 23.06 ug/ml



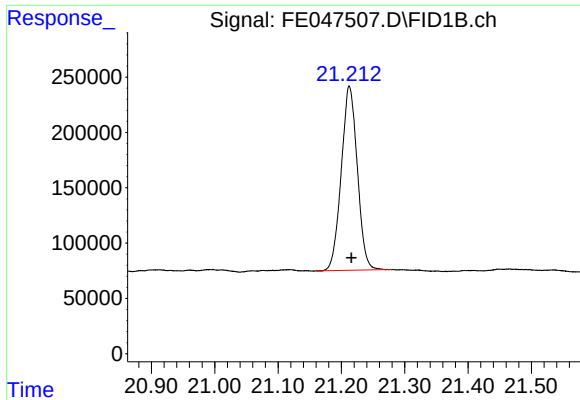
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.000 min
Response: 3389510
Conc: 21.13 ug/ml



#20 n-Hexatriacontane (C36)

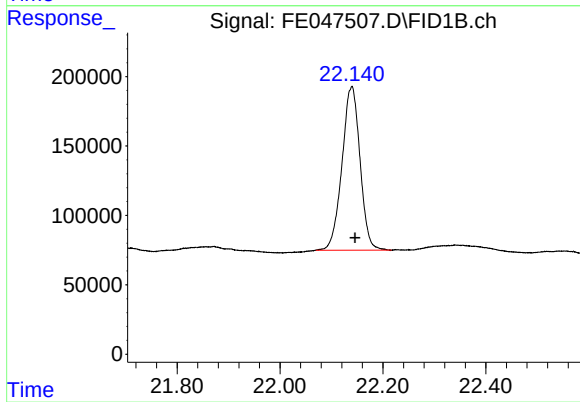
R.T.: 20.471 min
Delta R.T.: -0.003 min
Response: 3106613
Conc: 19.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.003 min
Response: 2928902
Conc: 18.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.006 min
Response: 2868179
Conc: 17.52 ug/ml