

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072924AL\
 Data File : FE049295.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2024 12:25
 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 30 02:04:25 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)	11.907	2745332	17.700 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
12) S 1-chlorooctadecane (S...	13.343	2110119	18.061 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
Target Compounds			
1) T n-Nonane (C9)	3.294	2566054	17.063 ug/ml
2) T n-Decane (C10)	4.544	2686204	17.392 ug/ml
3) T A~Naphthalene (C11.7)	6.251	2712978	17.413 ug/ml
4) T n-Dodecane (C12)	6.711	2667321	17.323 ug/ml
5) T A~2-methylnaphthalene...	7.348	2554376	17.552 ug/ml
6) T n-Tetradecane (C14)	8.539	2622744	17.281 ug/ml
7) T n-Hexadecane (C16)	10.146	2680025	17.672 ug/ml
8) T n-Octadecane (C18)	11.588	2696715	17.761 ug/ml
10) T n-Eicosane (C20)	12.898	2566871	17.751 ug/ml
11) T n-Heneicosane (C21)	13.509	2527763	17.825 ug/ml
13) T n-Docosane (C22)	14.095	2522054	17.951 ug/ml
14) T n-Tetracosane (C24)	15.197	2568939	18.330 ug/ml
15) T n-Hexacosane (C26)	16.217	2571951	18.342 ug/ml
16) T n-Octacosane (C28)	17.167	2705381	19.329 ug/ml
17) T n-Tricontane (C30)	18.053	3045323	20.877 ug/ml
18) T n-Dotriacontane (C32)	18.886	3241992	22.049 ug/ml
19) T n-Tetratriacontane (C34)	19.668	3084894	21.119 ug/ml
20) T n-Hexatriacontane (C36)	20.407	2970402	20.605 ug/ml
21) T n-Octatriacontane (C38)	21.139	3012321	20.124 ug/ml
22) T n-Tetracontane (C40)	22.044	2966037	19.655 ug/ml

(f)=RT Delta > 1/2 Window

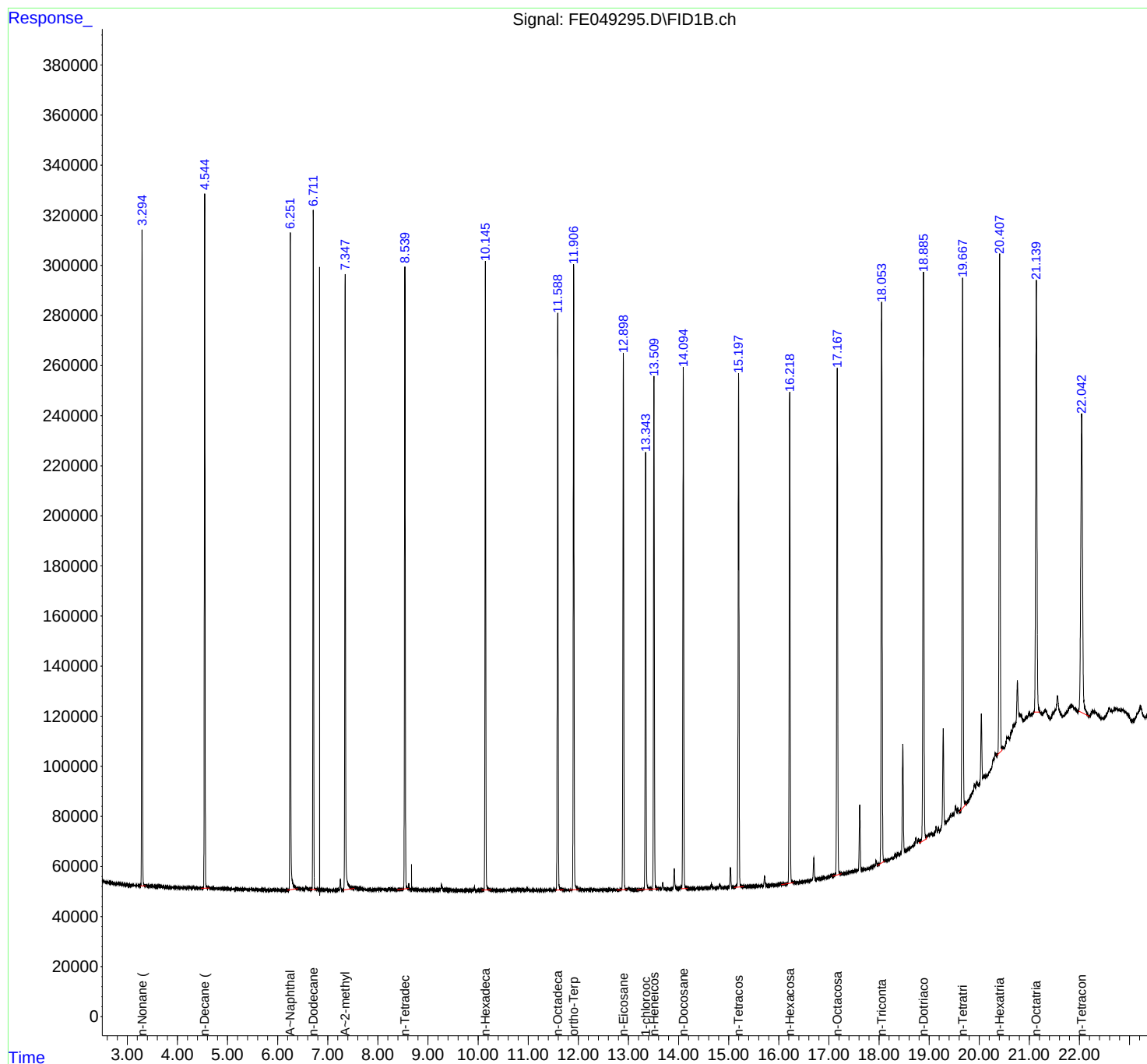
(m)=manual int.

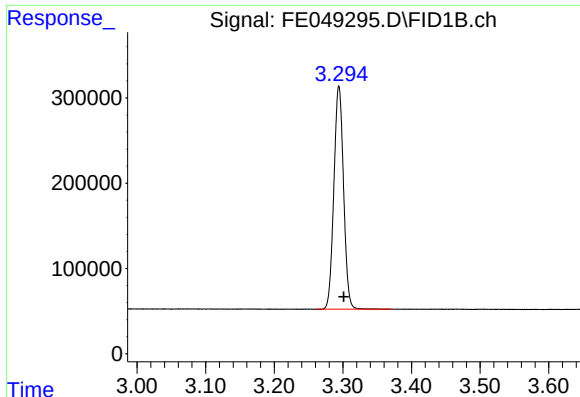
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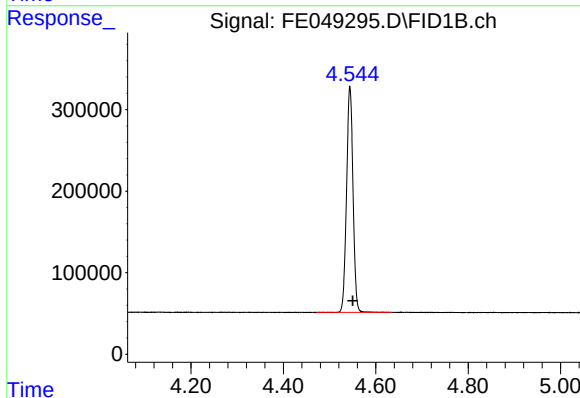




#1 n-Nonane (C9)

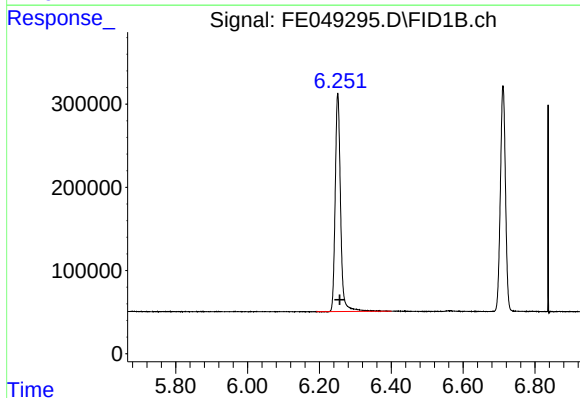
R.T.: 3.294 min
Delta R.T.: -0.007 min
Response: 2566054
Conc: 17.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



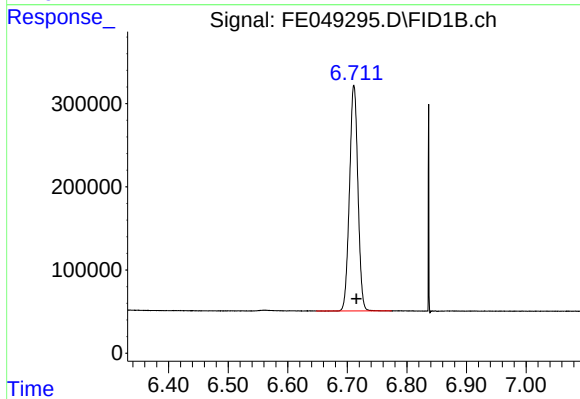
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.006 min
Response: 2686204
Conc: 17.39 ug/ml



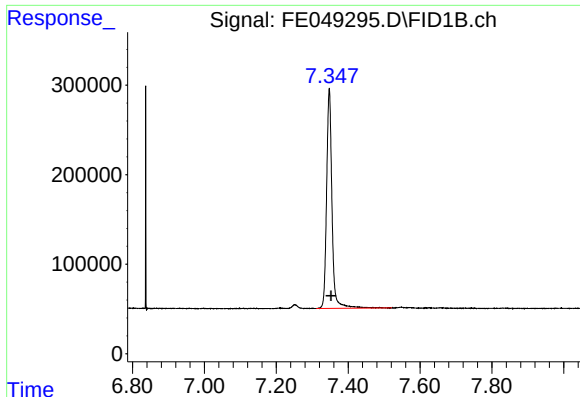
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.005 min
Response: 2712978
Conc: 17.41 ug/ml



#4 n-Dodecane (C12)

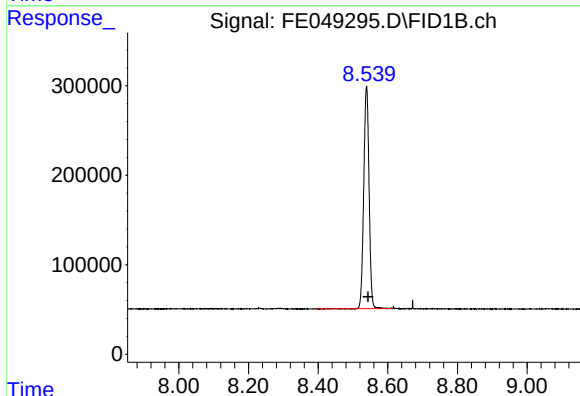
R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 2667321
Conc: 17.32 ug/ml



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

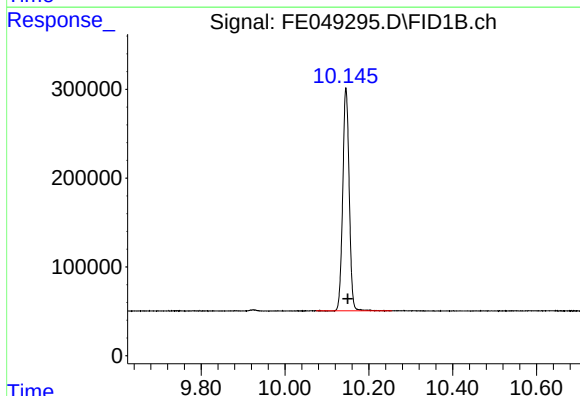
R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 2554376
Conc: 17.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



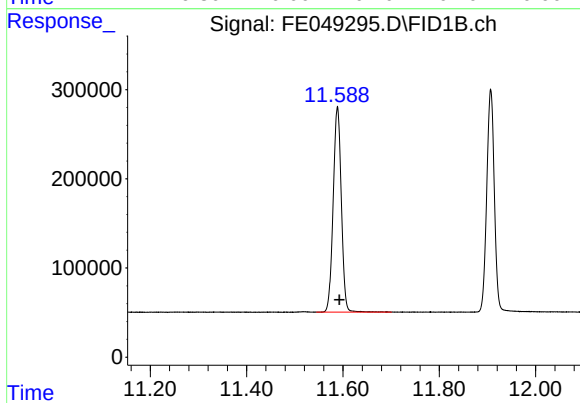
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: -0.004 min
Response: 2622744
Conc: 17.28 ug/ml



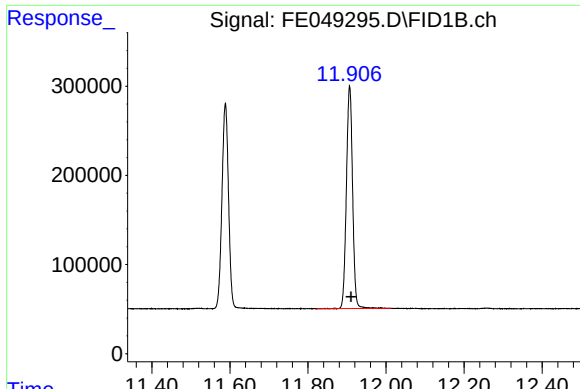
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.004 min
Response: 2680025
Conc: 17.67 ug/ml



#8 n-Octadecane (C18)

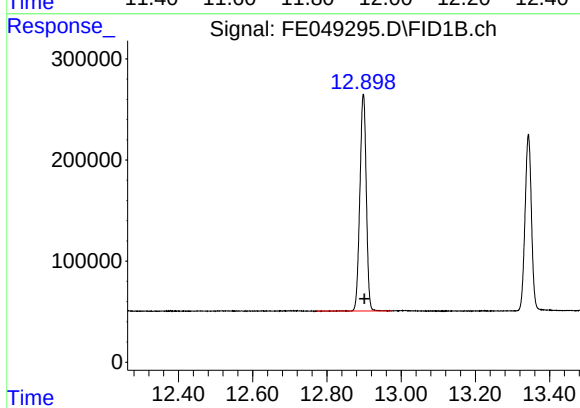
R.T.: 11.588 min
Delta R.T.: -0.004 min
Response: 2696715
Conc: 17.76 ug/ml



#9 ortho-Terphenyl (SURR)

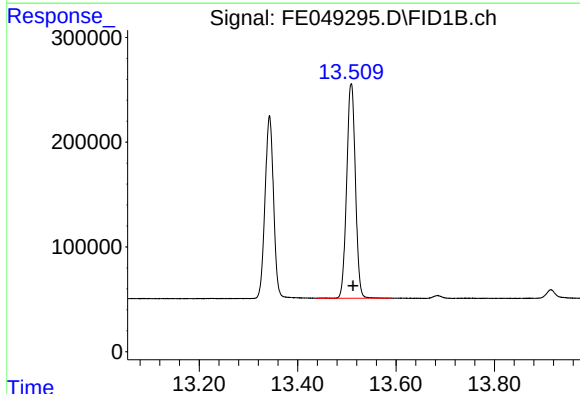
R.T.: 11.907 min
Delta R.T.: -0.004 min
Response: 2745332
Conc: 17.70 ug/ml

Instrument :
FID_E
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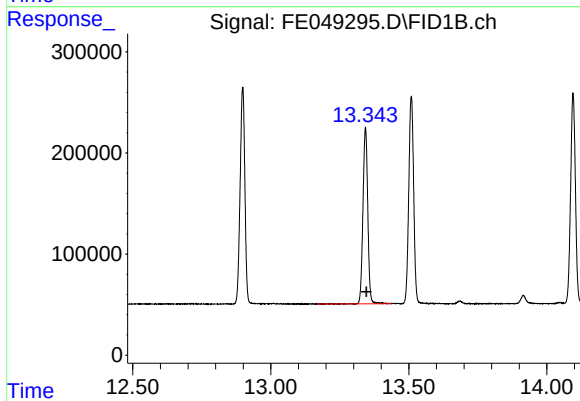
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.003 min
Response: 2566871
Conc: 17.75 ug/ml



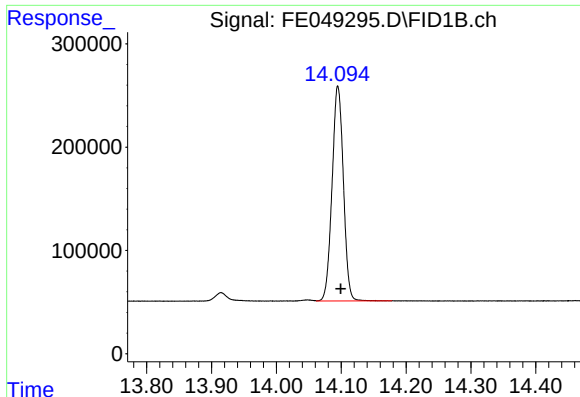
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 2527763
Conc: 17.83 ug/ml



#12 1-chlorooctadecane (SURR)

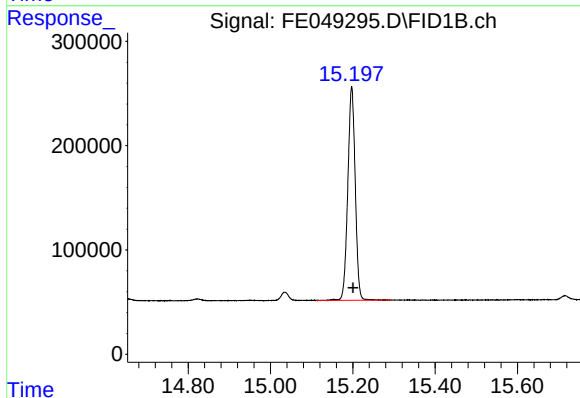
R.T.: 13.343 min
Delta R.T.: -0.003 min
Response: 2110119
Conc: 18.06 ug/ml



#13 n-Docosane (C22)

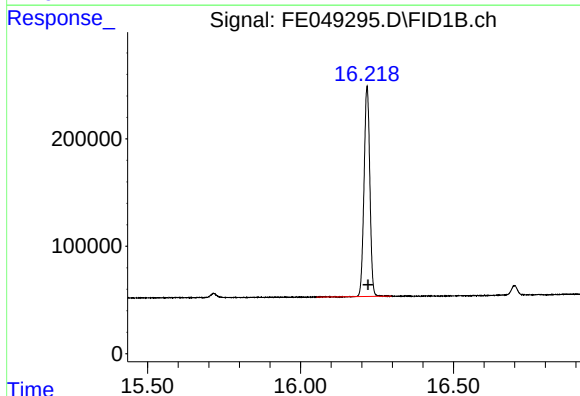
R.T.: 14.095 min
Delta R.T.: -0.004 min
Response: 2522054
Conc: 17.95 ug/ml

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20 PPM ALIPHATIC HC STD



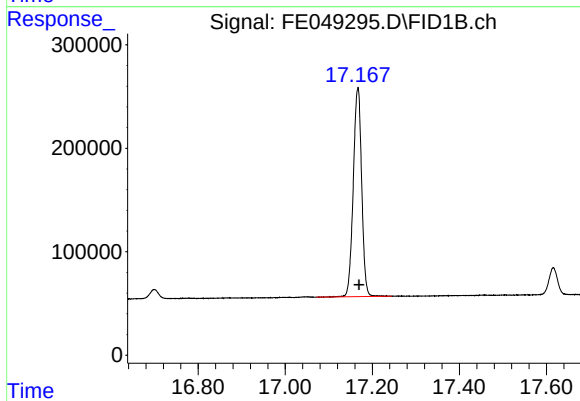
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.003 min
Response: 2568939
Conc: 18.33 ug/ml



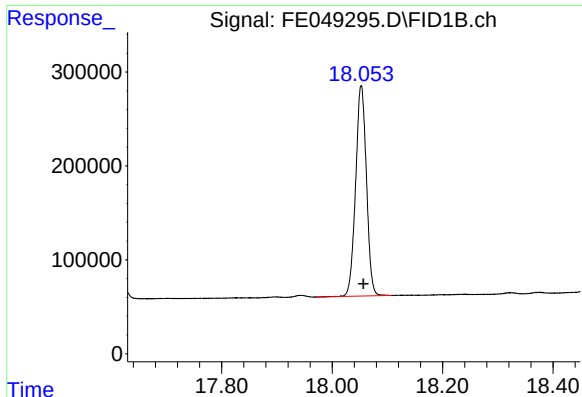
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.004 min
Response: 2571951
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

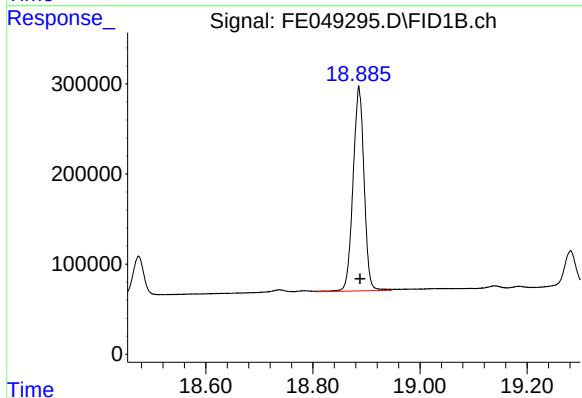
R.T.: 17.167 min
Delta R.T.: -0.003 min
Response: 2705381
Conc: 19.33 ug/ml



#17 n-Tricontane (C30)

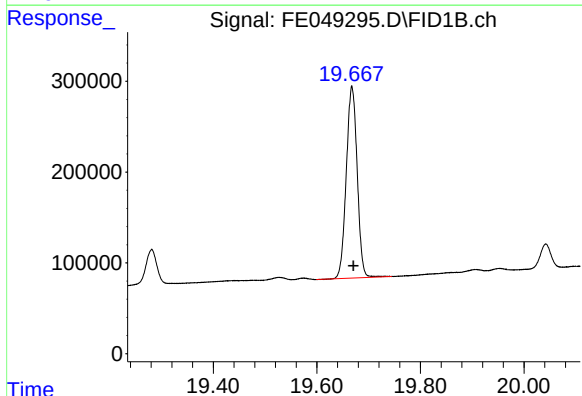
R.T.: 18.053 min
Delta R.T.: -0.004 min
Response: 3045323
Conc: 20.88 ug/ml

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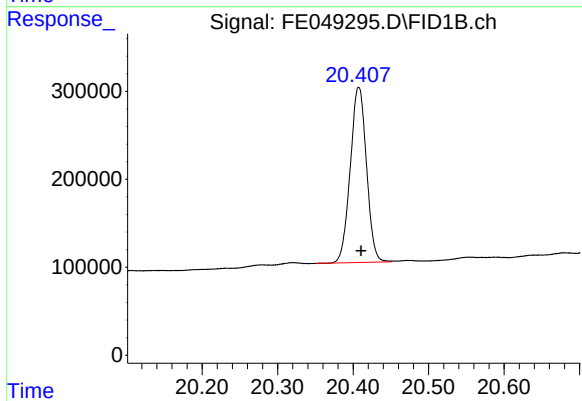
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.002 min
Response: 3241992
Conc: 22.05 ug/ml



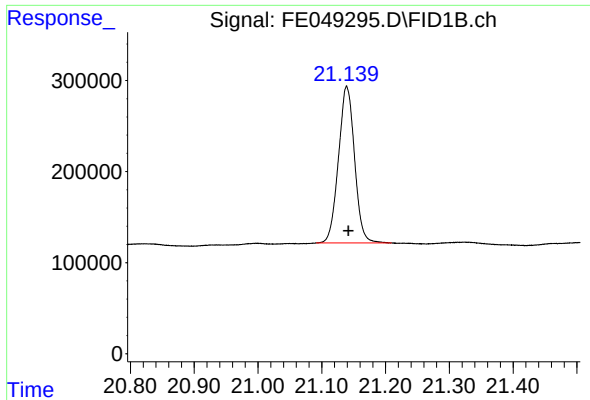
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.003 min
Response: 3084894
Conc: 21.12 ug/ml



#20 n-Hexatriacontane (C36)

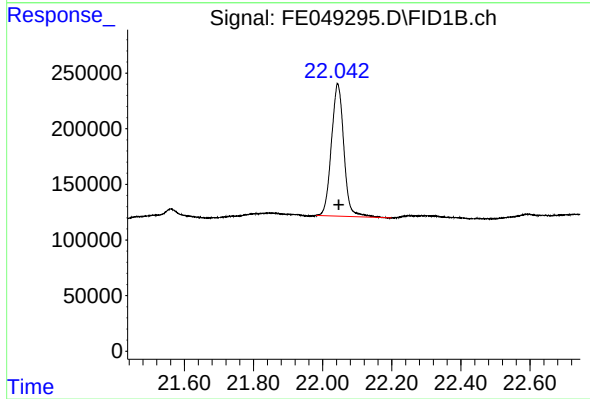
R.T.: 20.407 min
Delta R.T.: -0.003 min
Response: 2970402
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.003 min
Response: 3012321
Conc: 20.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.003 min
Response: 2966037
Conc: 19.66 ug/ml