

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
 Data File : FE049575.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2024 22:09
 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: Aug 13 01:44:22 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)	11.888	2881533	18.578 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
12) S 1-chlorooctadecane (S...	13.323	2198256	18.815 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	3.278	2643572	17.578 ug/ml
2) T n-Decane (C10)	4.528	2773691	17.958 ug/ml
3) T A~Naphthalene (C11.7)	6.235	2829255	18.159 ug/ml
4) T n-Dodecane (C12)	6.695	2776604	18.032 ug/ml
5) T A~2-methylnaphthalene...	7.330	2642774	18.160 ug/ml
6) T n-Tetradecane (C14)	8.522	2722924	17.941 ug/ml
7) T n-Hexadecane (C16)	10.128	2787559	18.381 ug/ml
8) T n-Octadecane (C18)	11.570	2805066	18.475 ug/ml
10) T n-Eicosane (C20)	12.878	2667013	18.443 ug/ml
11) T n-Heneicosane (C21)	13.489	2621912	18.489 ug/ml
13) T n-Docosane (C22)	14.075	2605425	18.545 ug/ml
14) T n-Tetracosane (C24)	15.177	2616963	18.672 ug/ml
15) T n-Hexacosane (C26)	16.196	2607281	18.594 ug/ml
16) T n-Octacosane (C28)	17.145	2694379	19.250 ug/ml
17) T n-Tricontane (C30)	18.031	2952437	20.240 ug/ml
18) T n-Dotriacontane (C32)	18.863	3084212	20.976 ug/ml
19) T n-Tetratriacontane (C34)	19.645	3029225	20.738 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2930089	20.325 ug/ml
21) T n-Octatriacontane (C38)	21.113	2937835	19.626 ug/ml
22) T n-Tetracontane (C40)	22.008	2662185	17.641 ug/ml

(f)=RT Delta > 1/2 Window

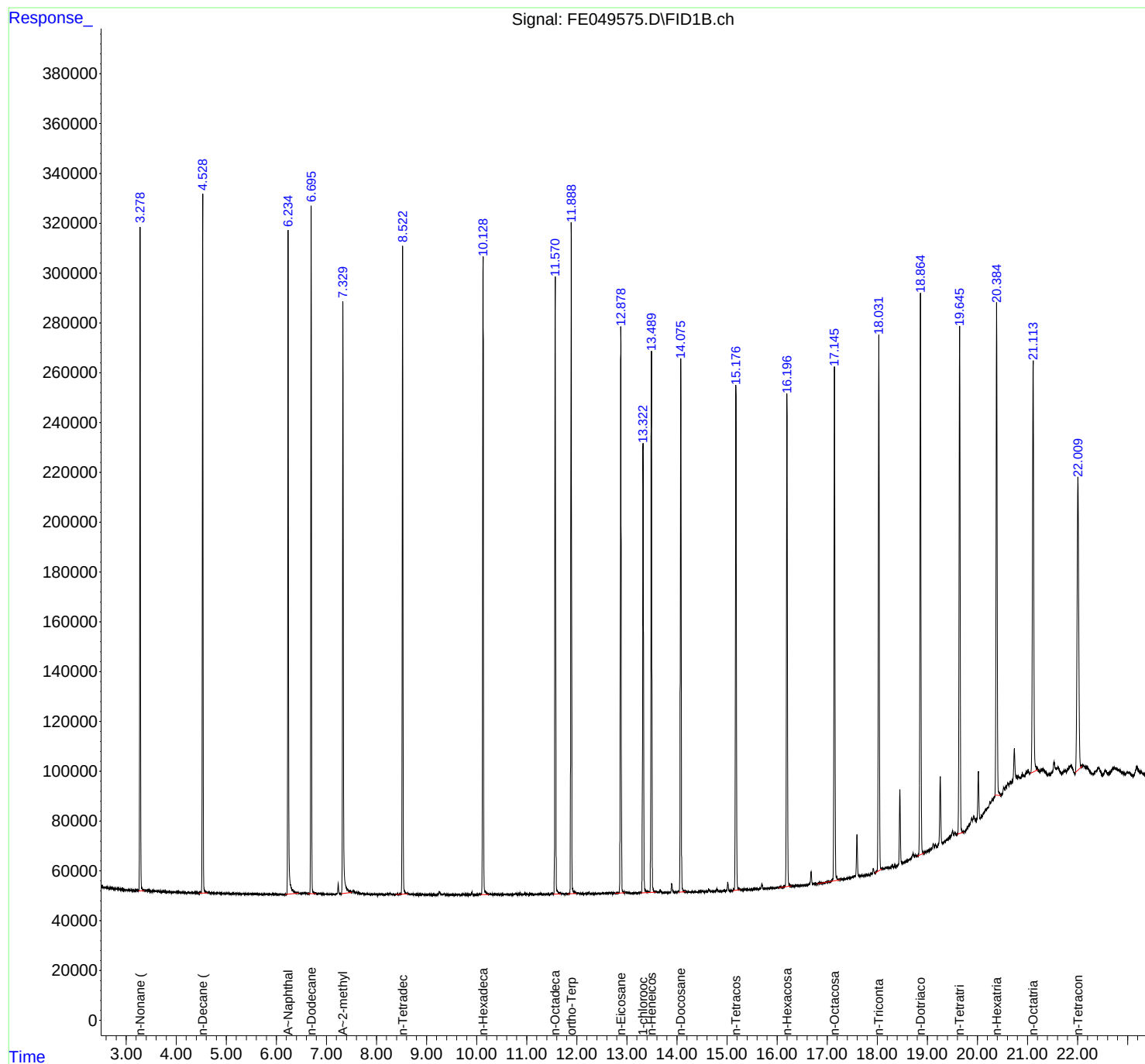
(m)=manual int.

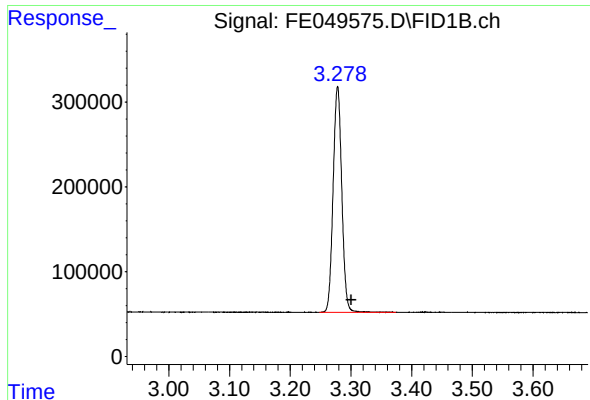
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
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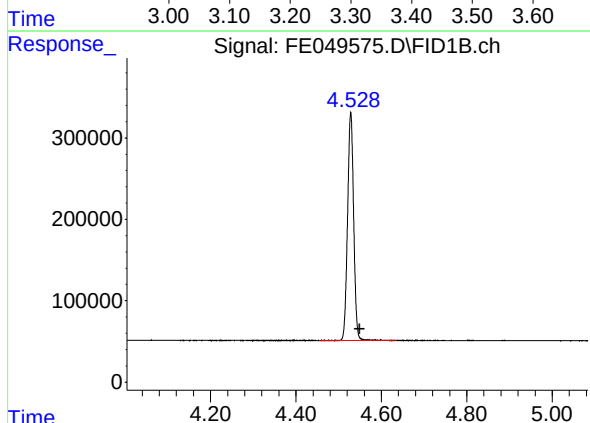




#1 n-Nonane (C9)

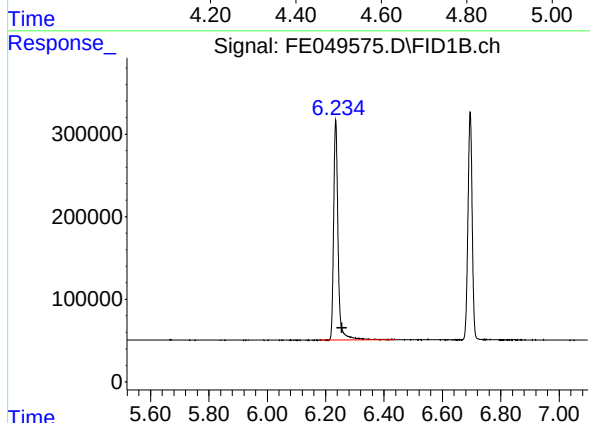
R.T.: 3.278 min
Delta R.T.: -0.023 min
Response: 2643572
Conc: 17.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



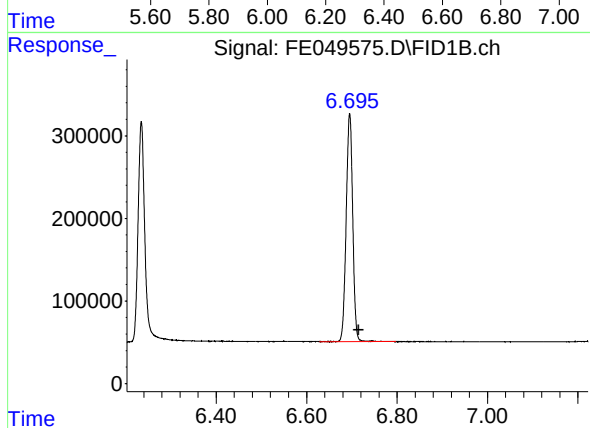
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: -0.021 min
Response: 2773691
Conc: 17.96 ug/ml



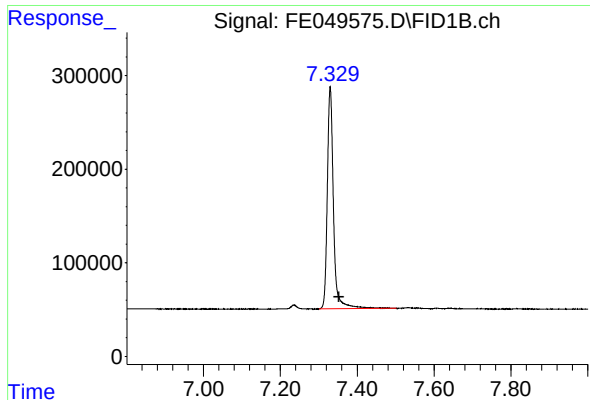
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.022 min
Response: 2829255
Conc: 18.16 ug/ml



#4 n-Dodecane (C12)

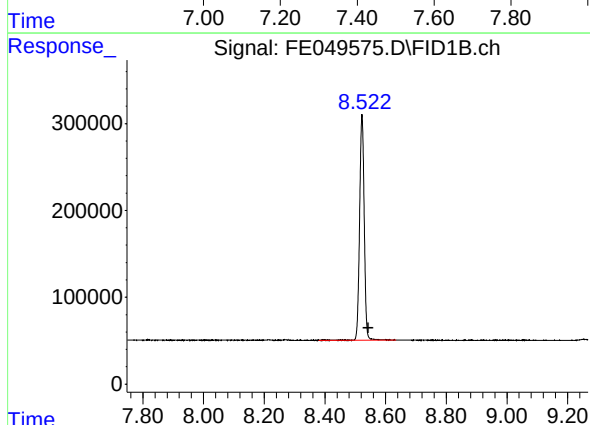
R.T.: 6.695 min
Delta R.T.: -0.020 min
Response: 2776604
Conc: 18.03 ug/ml



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

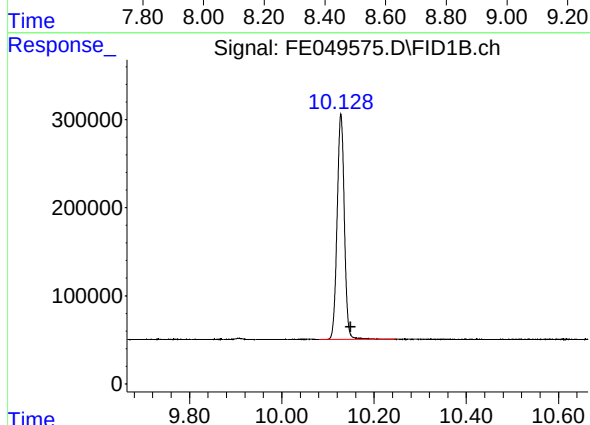
R.T.: 7.330 min
Delta R.T.: -0.023 min
Response: 2642774
Conc: 18.16 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



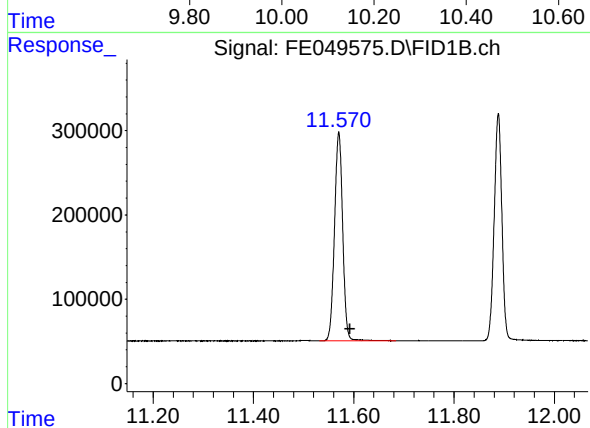
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.021 min
Response: 2722924
Conc: 17.94 ug/ml



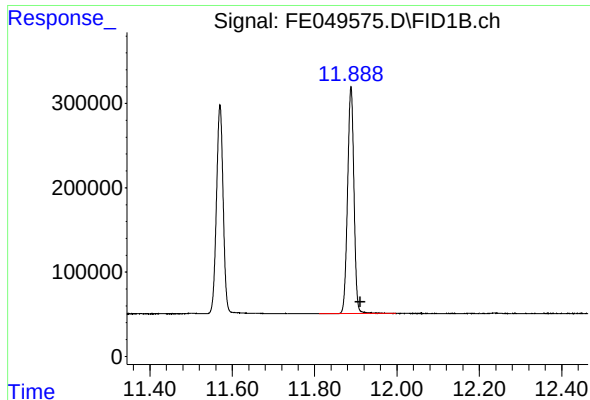
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.022 min
Response: 2787559
Conc: 18.38 ug/ml



#8 n-Octadecane (C18)

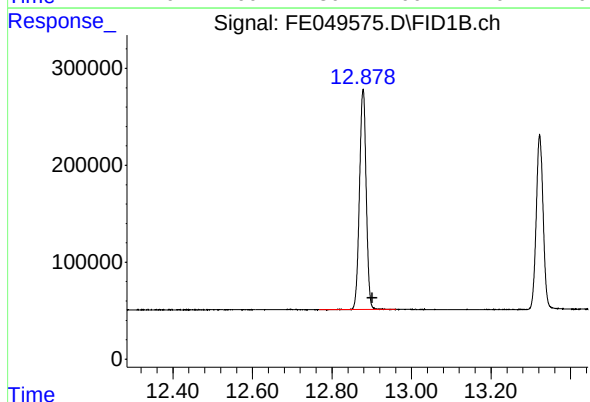
R.T.: 11.570 min
Delta R.T.: -0.023 min
Response: 2805066
Conc: 18.47 ug/ml



#9 ortho-Terphenyl (SURR)

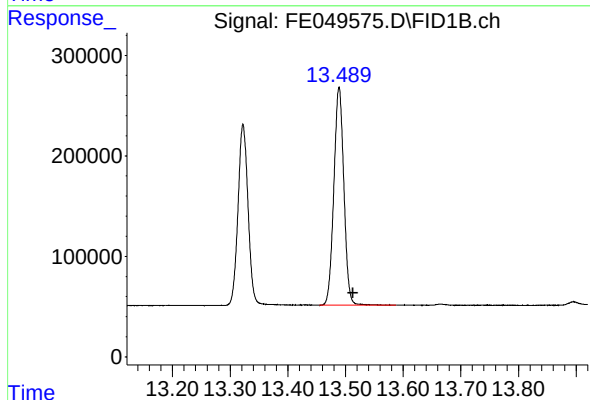
R.T.: 11.888 min
Delta R.T.: -0.023 min
Response: 2881533
Conc: 18.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



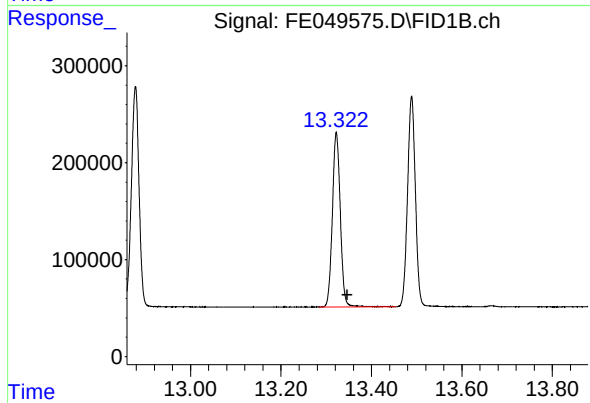
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.023 min
Response: 2667013
Conc: 18.44 ug/ml



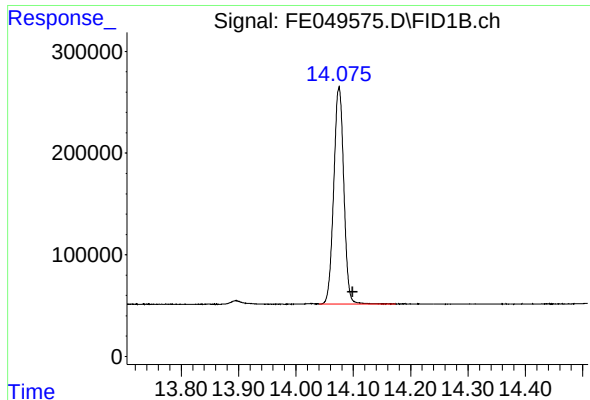
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.024 min
Response: 2621912
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

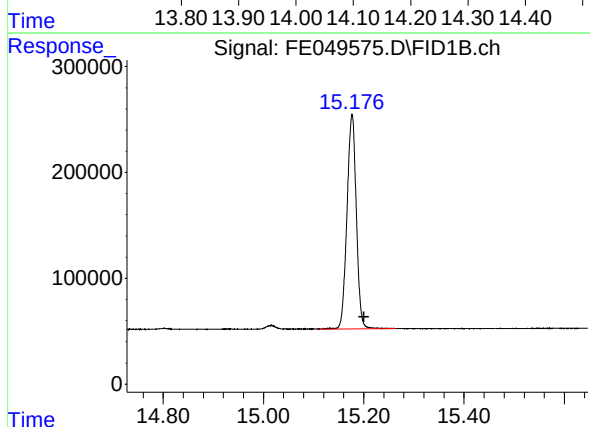
R.T.: 13.323 min
Delta R.T.: -0.024 min
Response: 2198256
Conc: 18.81 ug/ml



#13 n-Docosane (C22)

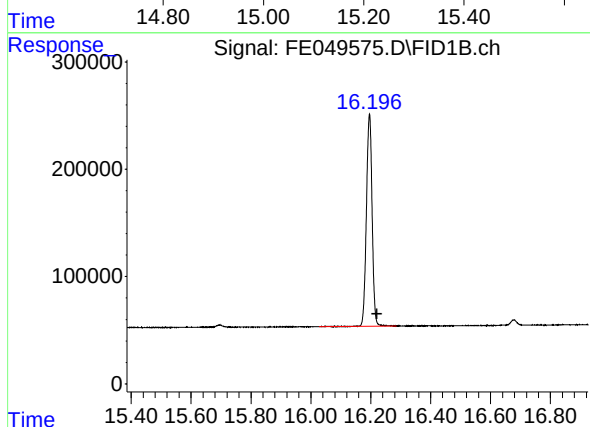
R.T.: 14.075 min
Delta R.T.: -0.024 min
Response: 2605425
Conc: 18.54 ug/ml

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20 PPM ALIPHATIC HC STD



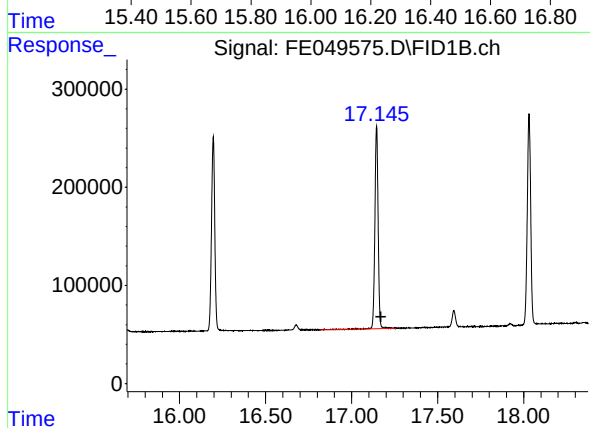
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.024 min
Response: 2616963
Conc: 18.67 ug/ml



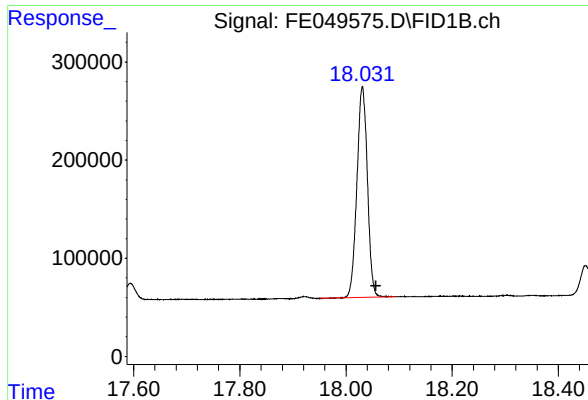
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.025 min
Response: 2607281
Conc: 18.59 ug/ml



#16 n-Octacosane (C28)

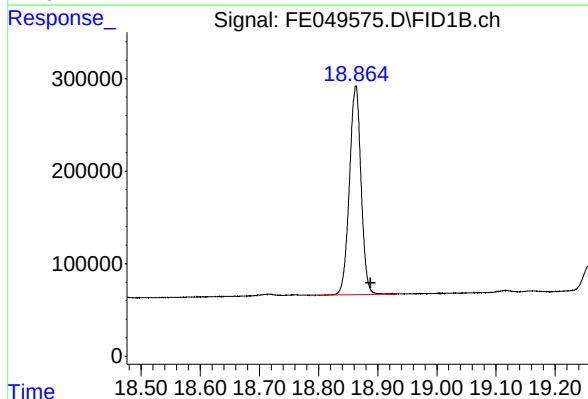
R.T.: 17.145 min
Delta R.T.: -0.025 min
Response: 2694379
Conc: 19.25 ug/ml



#17 n-Tricontane (C30)

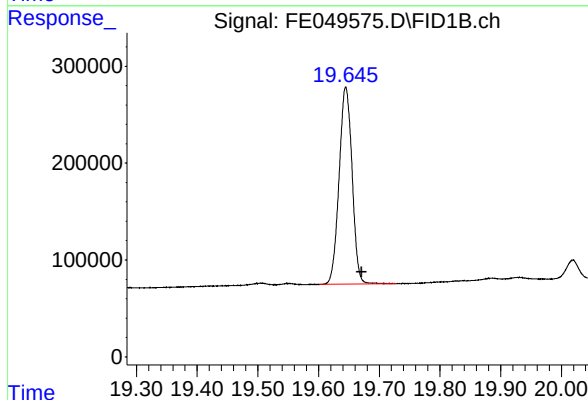
R.T.: 18.031 min
Delta R.T.: -0.026 min
Response: 2952437
Conc: 20.24 ug/ml

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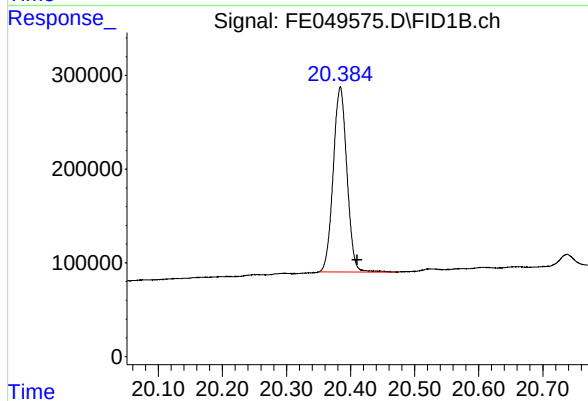
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.025 min
Response: 3084212
Conc: 20.98 ug/ml



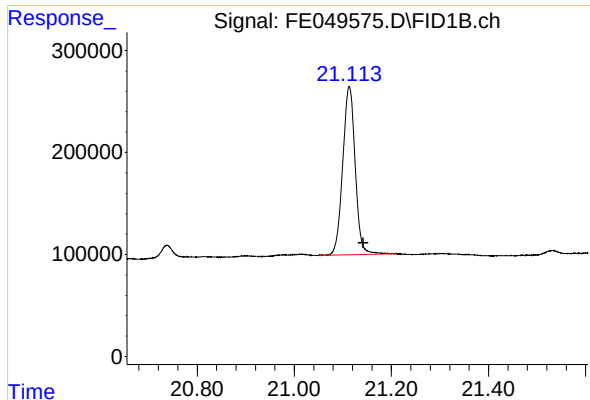
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: -0.026 min
Response: 3029225
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

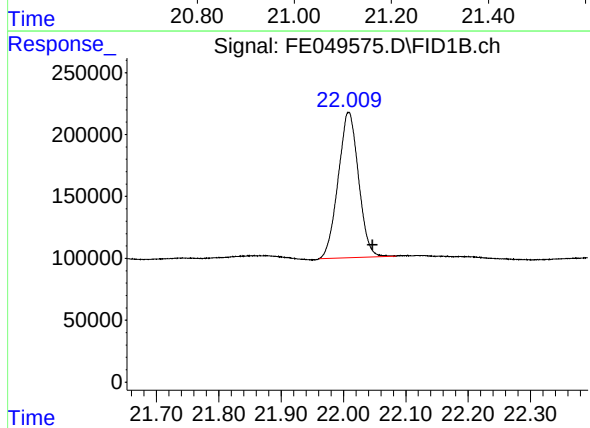
R.T.: 20.384 min
Delta R.T.: -0.026 min
Response: 2930089
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: -0.029 min
Response: 2937835
Conc: 19.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: -0.038 min
Response: 2662185
Conc: 17.64 ug/ml