

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071924AL\
 Data File : FE049200.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jul 2024 11:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 20 00:32:33 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)	11.910	2716458	17.514 ug/ml
Spiked Amount 50.000		Recovery =	35.03%
12) S 1-chlorooctadecane (S...	13.345	2065018	17.675 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
Target Compounds			
1) T n-Nonane (C9)	3.299	2565182	17.057 ug/ml
2) T n-Decane (C10)	4.548	2667515	17.271 ug/ml
3) T A~Naphthalene (C11.7)	6.255	2698329	17.319 ug/ml
4) T n-Dodecane (C12)	6.715	2652573	17.227 ug/ml
5) T A~2-methylnaphthalene...	7.350	2531970	17.398 ug/ml
6) T n-Tetradecane (C14)	8.542	2608380	17.186 ug/ml
7) T n-Hexadecane (C16)	10.149	2660978	17.546 ug/ml
8) T n-Octadecane (C18)	11.591	2663969	17.546 ug/ml
10) T n-Eicosane (C20)	12.901	2537515	17.548 ug/ml
11) T n-Heneicosane (C21)	13.512	2487103	17.539 ug/ml
13) T n-Docosane (C22)	14.097	2477858	17.637 ug/ml
14) T n-Tetracosane (C24)	15.199	2509311	17.904 ug/ml
15) T n-Hexacosane (C26)	16.219	2513027	17.922 ug/ml
16) T n-Octacosane (C28)	17.169	2583844	18.460 ug/ml
17) T n-Tricontane (C30)	18.054	2869365	19.670 ug/ml
18) T n-Dotriacontane (C32)	18.885	3031035	20.614 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2933525	20.083 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2953946	20.491 ug/ml
21) T n-Octatriacontane (C38)	21.140	2881589	19.250 ug/ml
22) T n-Tetracontane (C40)	22.043	3135712	20.779 ug/ml

(f)=RT Delta > 1/2 Window

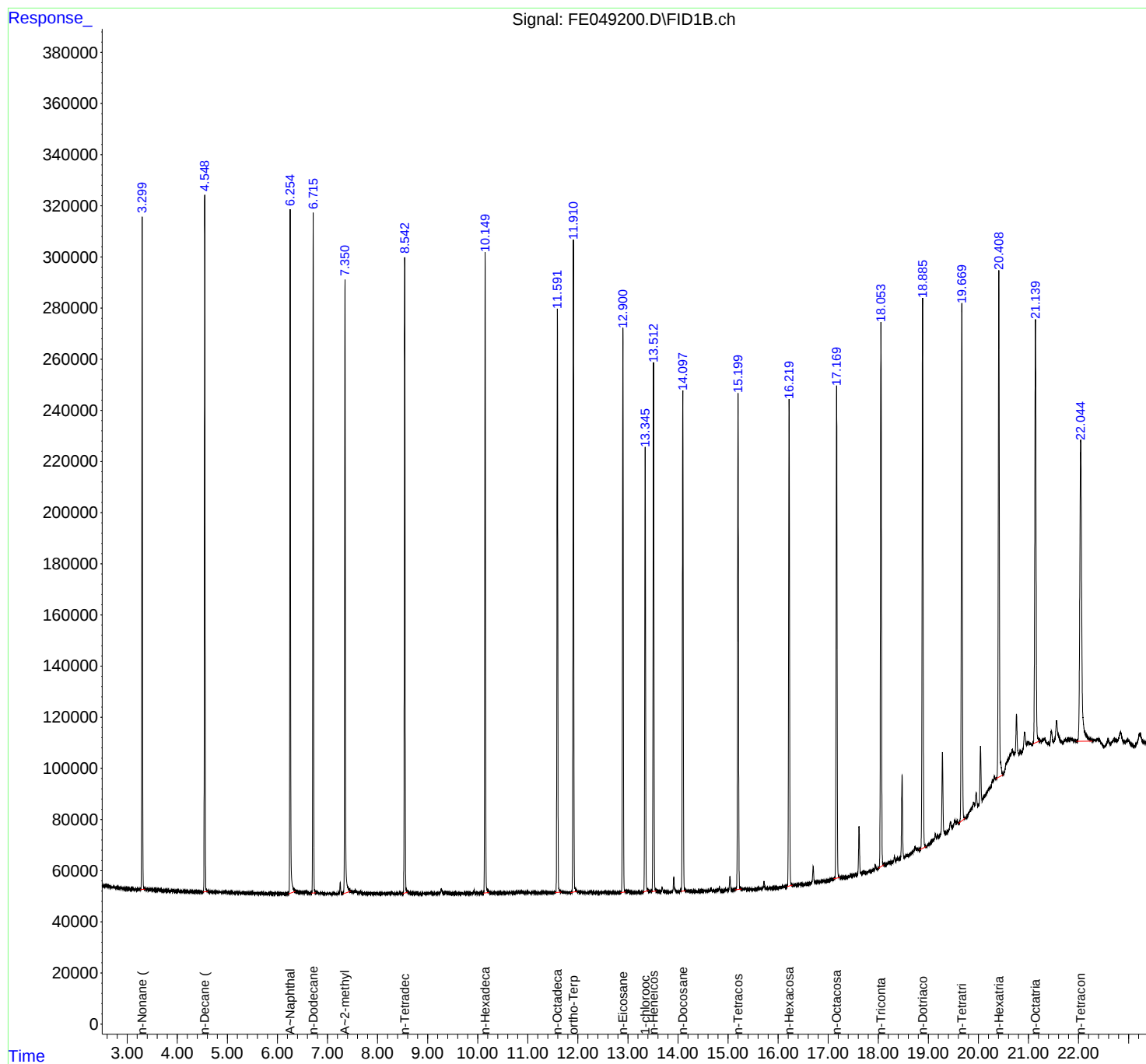
(m)=manual int.

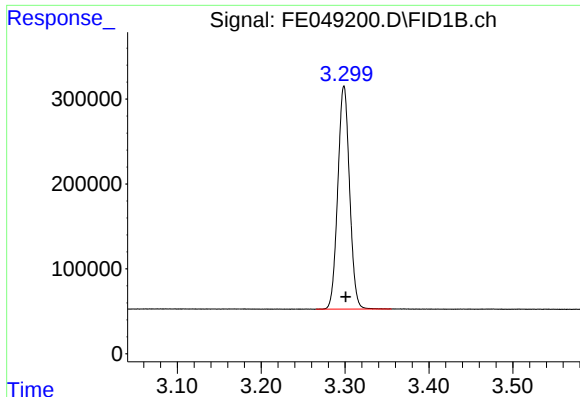
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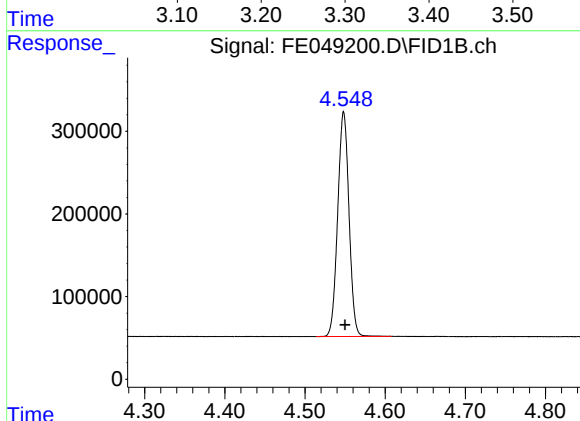




#1 n-Nonane (C9)

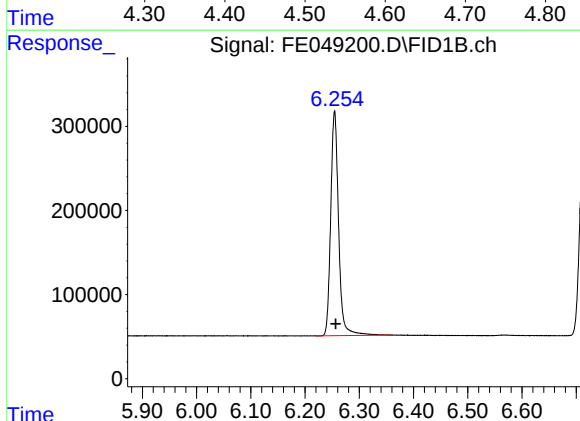
R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 2565182
Conc: 17.06 ug/ml

Instrument :
FID_E
ClientSampleId :



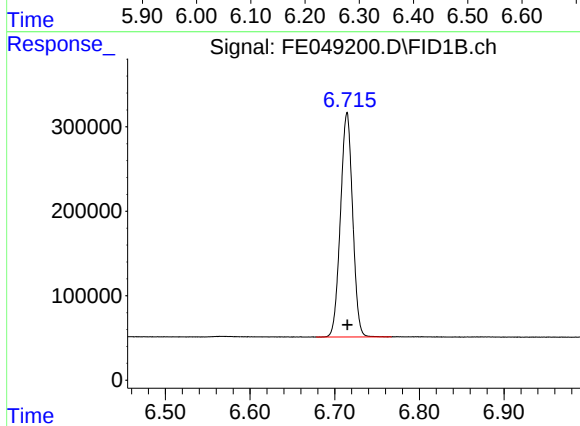
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.001 min
Response: 2667515
Conc: 17.27 ug/ml



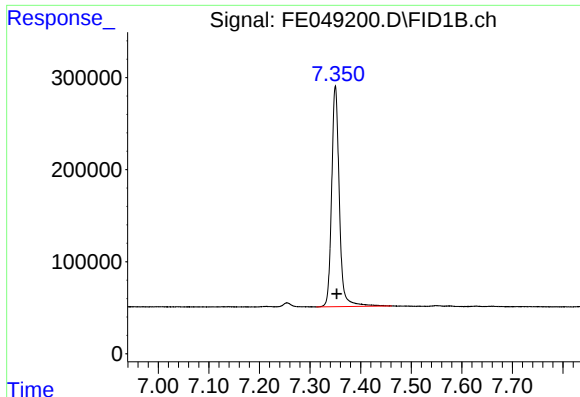
#3 A~Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: -0.002 min
Response: 2698329
Conc: 17.32 ug/ml



#4 n-Dodecane (C12)

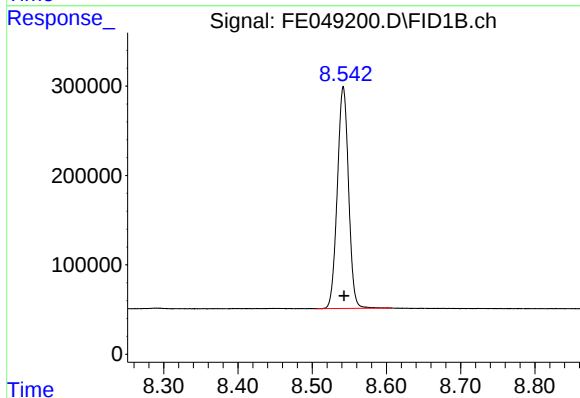
R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 2652573
Conc: 17.23 ug/ml



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

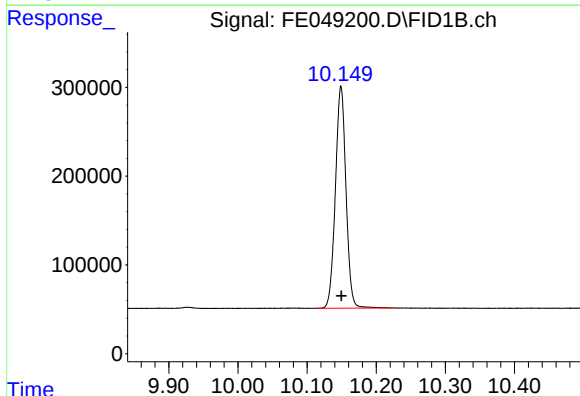
R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 2531970
Conc: 17.40 ug/ml

Instrument :
FID_E
ClientSampleId :



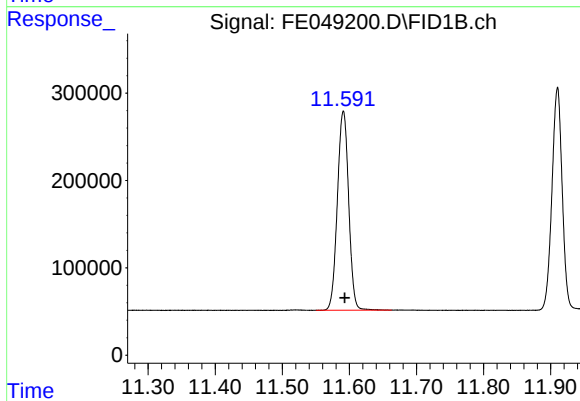
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: -0.001 min
Response: 2608380
Conc: 17.19 ug/ml



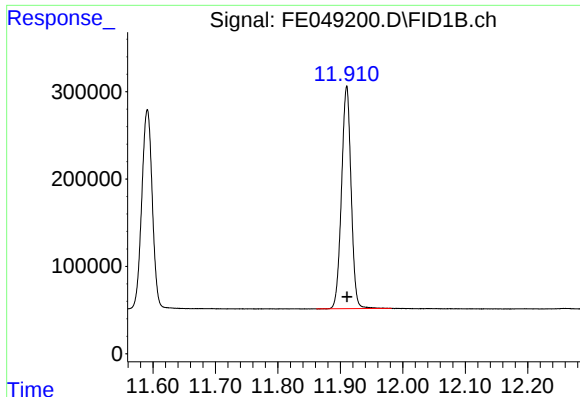
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: 0.000 min
Response: 2660978
Conc: 17.55 ug/ml



#8 n-Octadecane (C18)

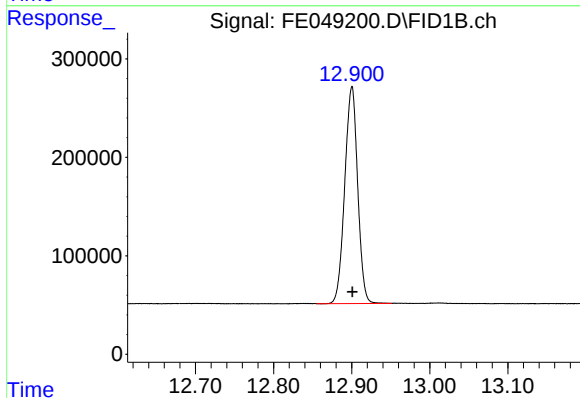
R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 2663969
Conc: 17.55 ug/ml



#9 ortho-Terphenyl (SURR)

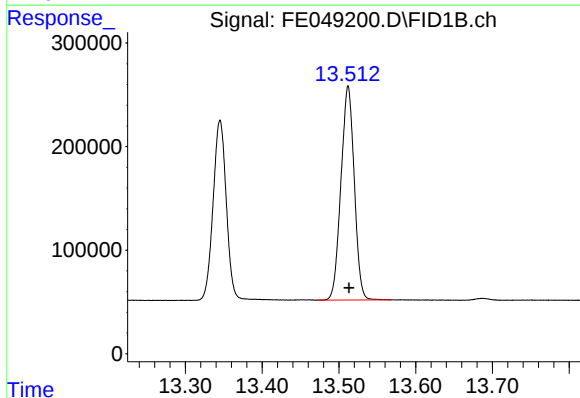
R.T.: 11.910 min
Delta R.T.: 0.000 min
Response: 2716458
Conc: 17.51 ug/ml

Instrument :
FID_E
ClientSampleId :



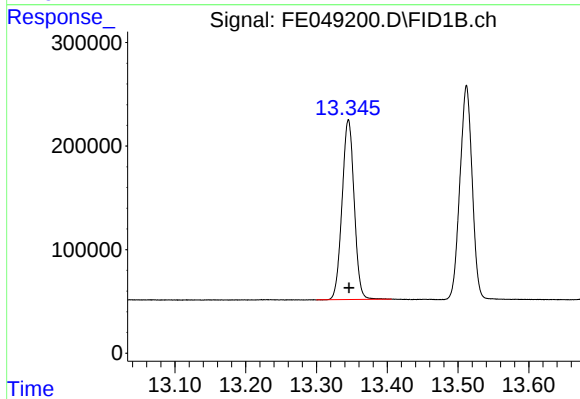
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: 0.000 min
Response: 2537515
Conc: 17.55 ug/ml



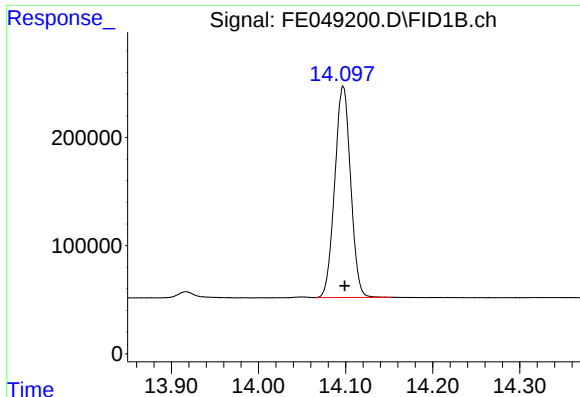
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.001 min
Response: 2487103
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

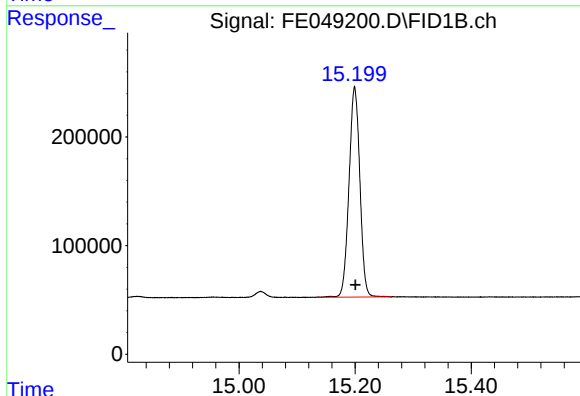
R.T.: 13.345 min
Delta R.T.: -0.001 min
Response: 2065018
Conc: 17.67 ug/ml



#13 n-Docosane (C22)

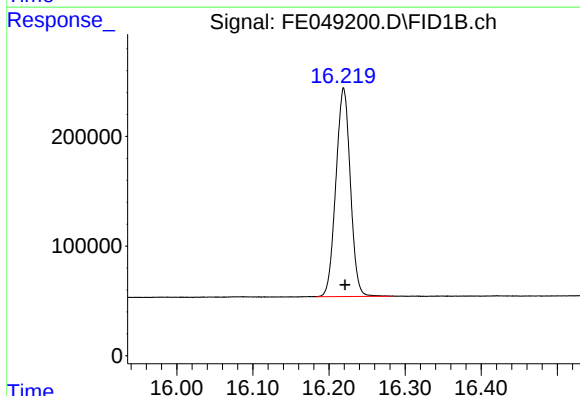
R.T.: 14.097 min
Delta R.T.: -0.002 min
Response: 2477858
Conc: 17.64 ug/ml

Instrument :
FID_E
ClientSampleId :



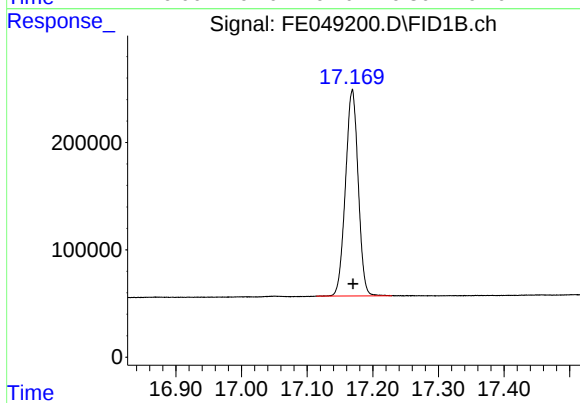
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.001 min
Response: 2509311
Conc: 17.90 ug/ml



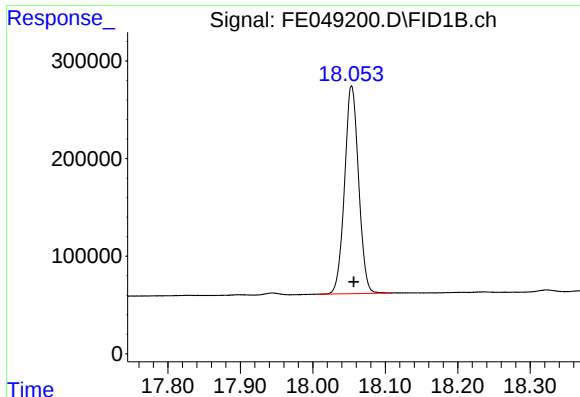
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.002 min
Response: 2513027
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

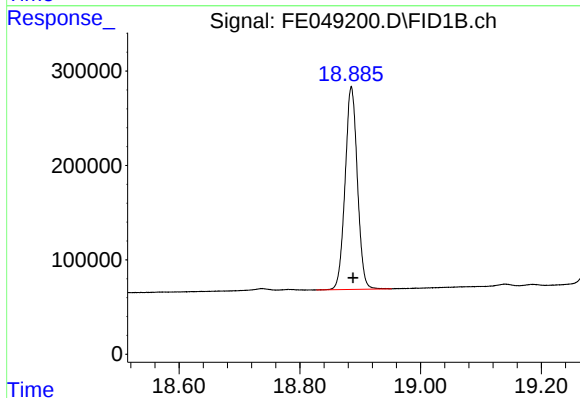
R.T.: 17.169 min
Delta R.T.: -0.001 min
Response: 2583844
Conc: 18.46 ug/ml



#17 n-Tricontane (C30)

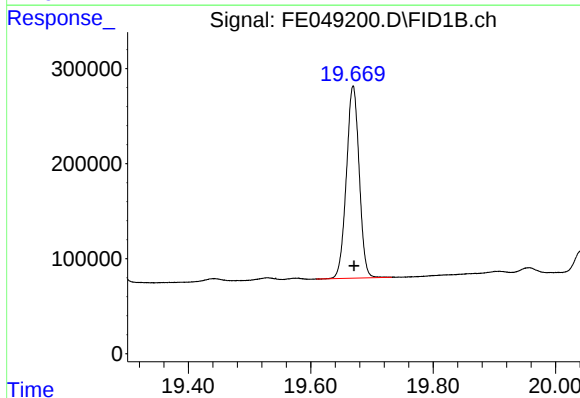
R.T.: 18.054 min
Delta R.T.: -0.003 min
Response: 2869365
Conc: 19.67 ug/ml

Instrument :
FID_E
ClientSampleId :



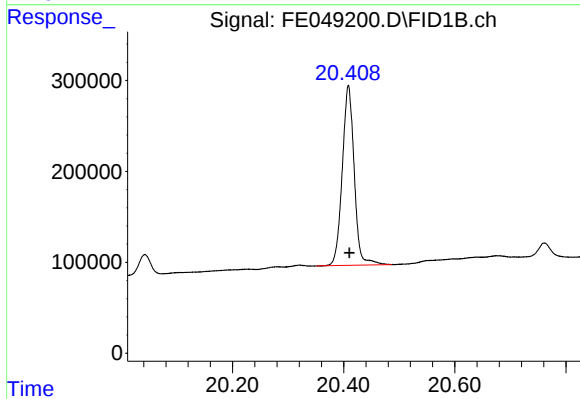
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.003 min
Response: 3031035
Conc: 20.61 ug/ml



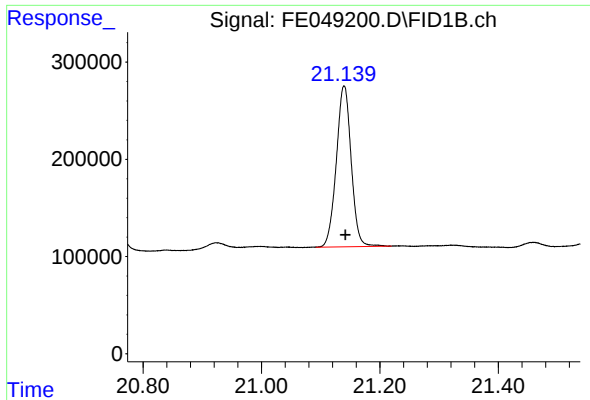
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.002 min
Response: 2933525
Conc: 20.08 ug/ml



#20 n-Hexatriacontane (C36)

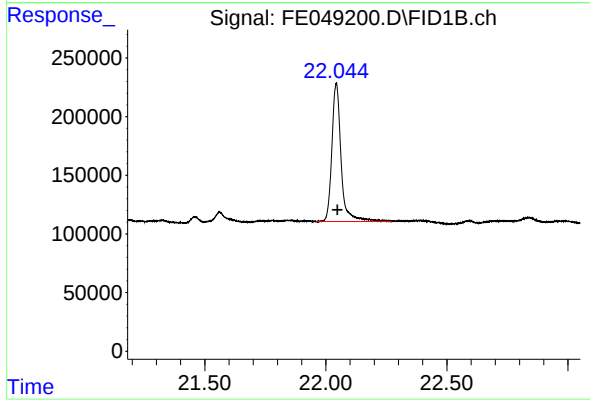
R.T.: 20.409 min
Delta R.T.: -0.002 min
Response: 2953946
Conc: 20.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.002 min
Response: 2881589
Conc: 19.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.043 min
Delta R.T.: -0.004 min
Response: 3135712
Conc: 20.78 ug/ml