

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122822AL\
 Data File : FE039510.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2022 09:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 28 11:13:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.927	3291220	22.054 ug/ml
Spiked Amount 50.000		Recovery =	44.11%
12) S 1-chlorooctadecane (S...	13.363	2520155	21.896 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
Target Compounds			
1) T n-Nonane (C9)	3.326	2814395	21.773 ug/ml
2) T n-Decane (C10)	4.573	2797994	21.959 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3125760	21.623 ug/ml
4) T n-Dodecane (C12)	6.735	2832224	21.816 ug/ml
5) T A~2-methylnaphthalene...	7.369	2936064	21.679 ug/ml
6) T n-Tetradecane (C14)	8.560	2881020	21.742 ug/ml
7) T n-Hexadecane (C16)	10.168	2989881	21.733 ug/ml
8) T n-Octadecane (C18)	11.609	3052920	21.797 ug/ml
10) T n-Eicosane (C20)	12.918	2989820	21.902 ug/ml
11) T n-Heneicosane (C21)	13.530	2912962	21.357 ug/ml
13) T n-Docosane (C22)	14.116	2991304	22.113 ug/ml
14) T n-Tetracosane (C24)	15.218	3016073	22.468 ug/ml
15) T n-Hexacosane (C26)	16.239	2941416	22.590 ug/ml
16) T n-Octacosane (C28)	17.189	2956875	22.975 ug/ml
17) T n-Tricontane (C30)	18.076	2913601	22.630 ug/ml
18) T n-Dotriacontane (C32)	18.909	3046578	23.526 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2843227	22.536 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2563686	21.202 ug/ml
21) T n-Octatriacontane (C38)	21.168	2558470	20.717 ug/ml
22) T n-Tetracontane (C40)	22.077	2460187	19.590 ug/ml

(f)=RT Delta > 1/2 Window

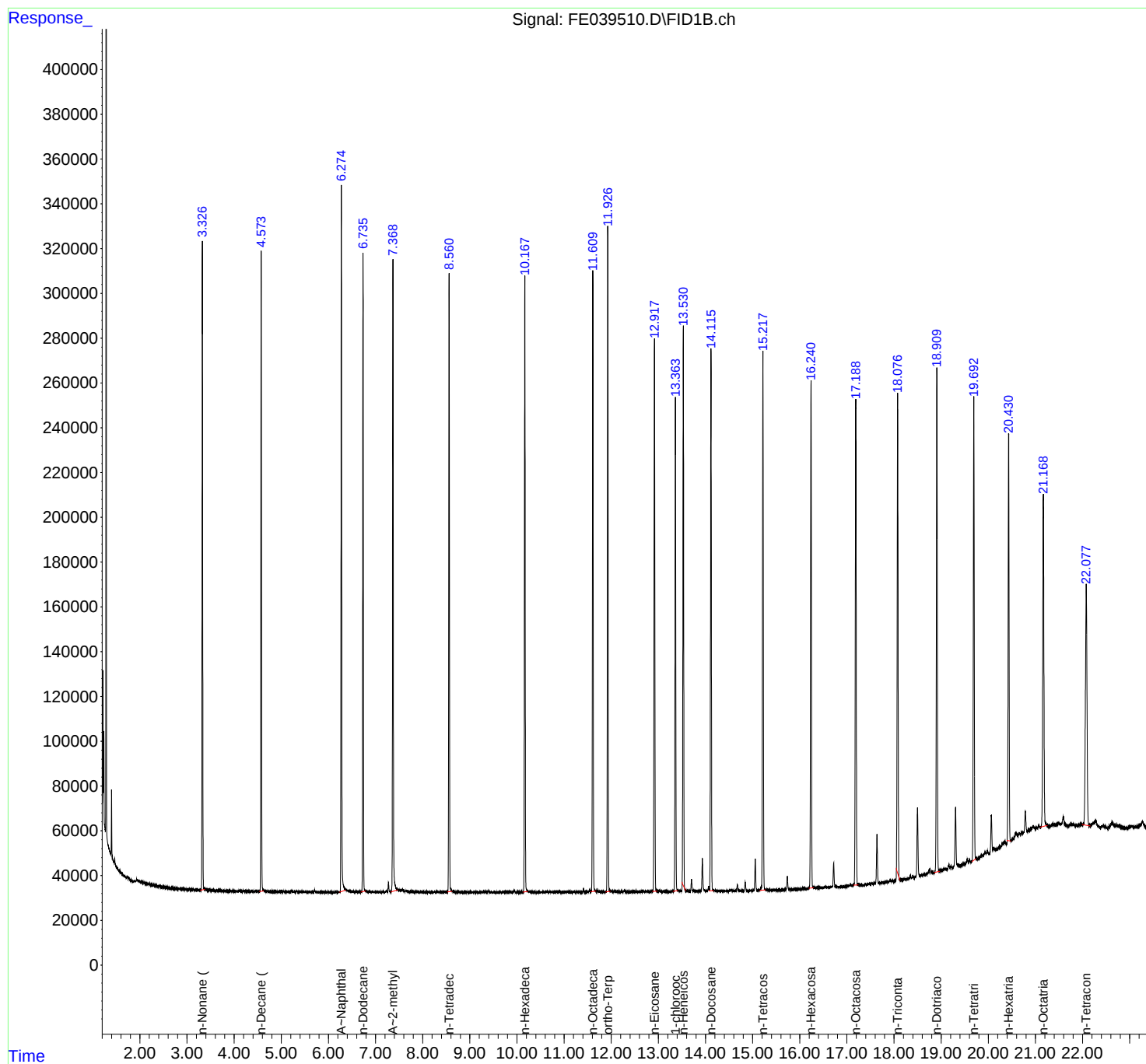
(m)=manual int.

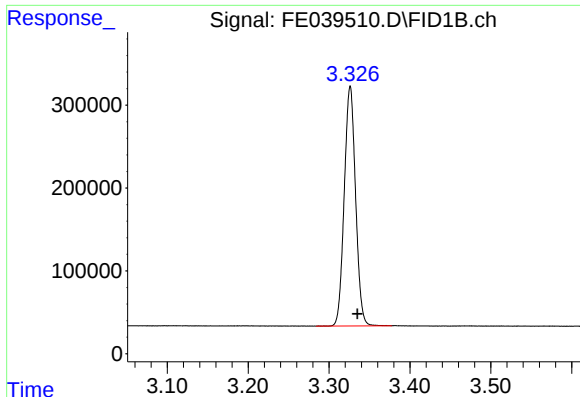
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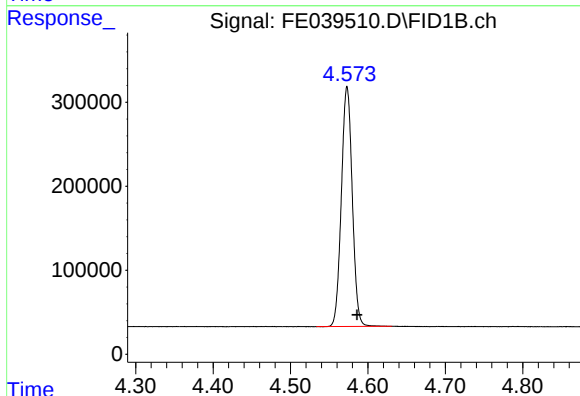




#1 n-Nonane (C9)

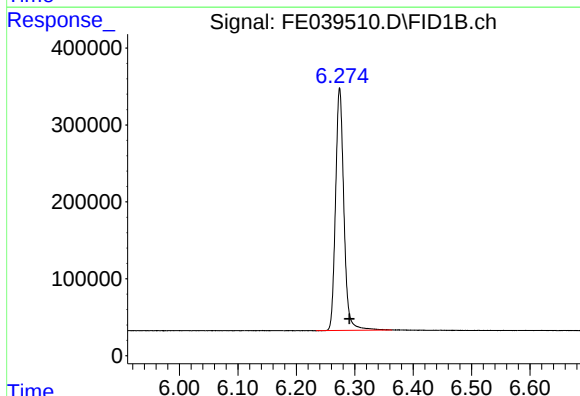
R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 2814395
Conc: 21.77 ug/ml

Instrument :
FID_E
ClientSampleId :



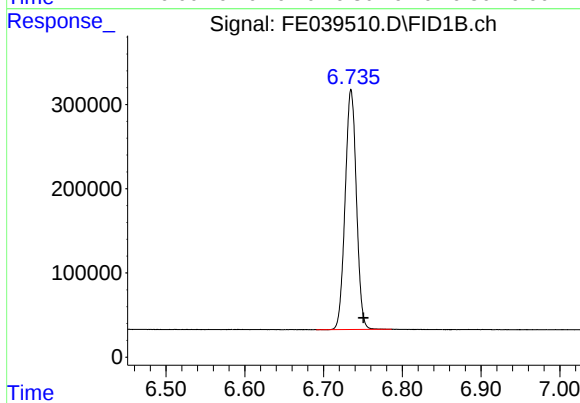
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.013 min
Response: 2797994
Conc: 21.96 ug/ml



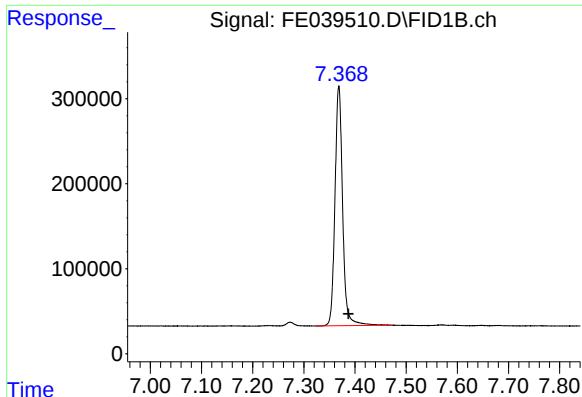
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.017 min
Response: 3125760
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

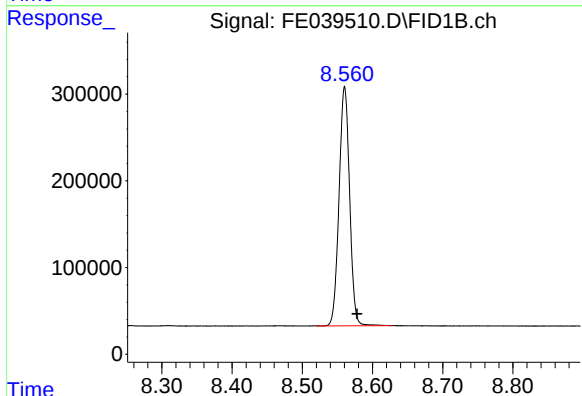
R.T.: 6.735 min
Delta R.T.: -0.015 min
Response: 2832224
Conc: 21.82 ug/ml



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

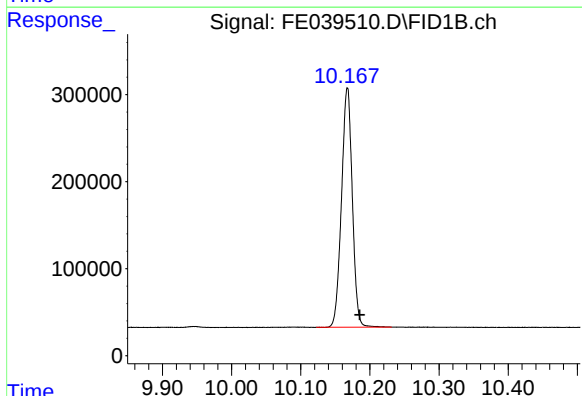
R.T.: 7.369 min
Delta R.T.: -0.019 min
Response: 2936064
Conc: 21.68 ug/ml

Instrument :
FID_E
ClientSampleId :



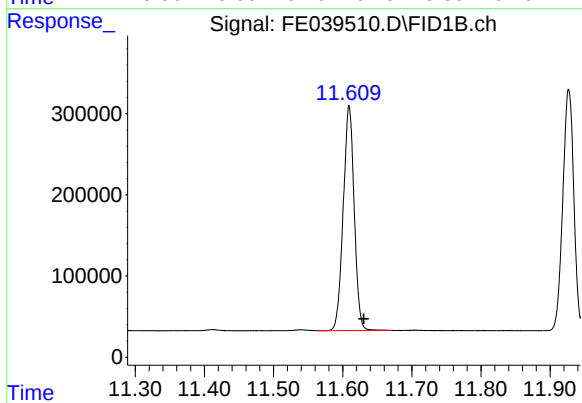
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.018 min
Response: 2881020
Conc: 21.74 ug/ml



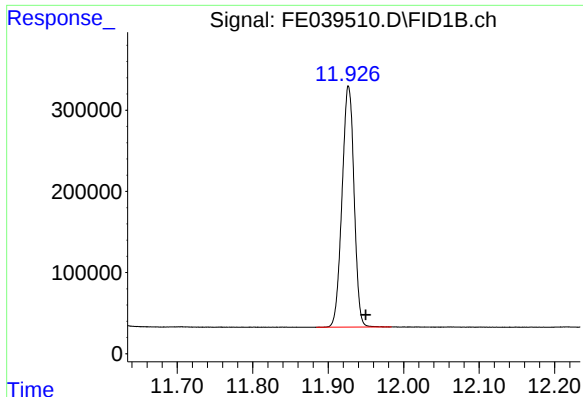
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.018 min
Response: 2989881
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

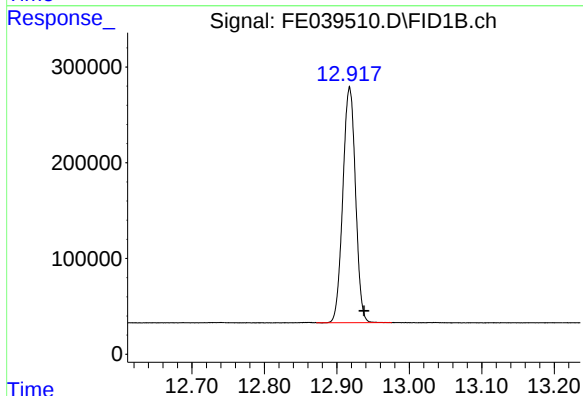
R.T.: 11.609 min
Delta R.T.: -0.021 min
Response: 3052920
Conc: 21.80 ug/ml



#9 ortho-Terphenyl (SURR)

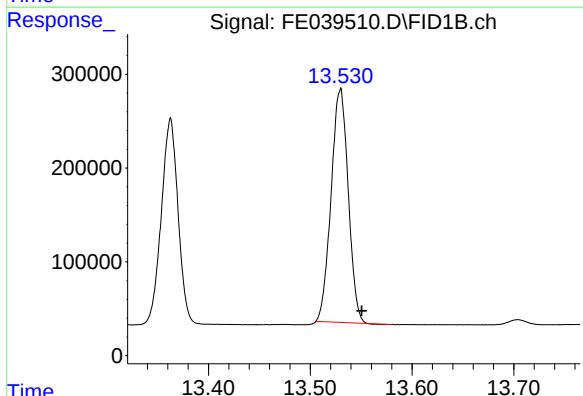
R.T.: 11.927 min
Delta R.T.: -0.023 min
Response: 3291220
Conc: 22.05 ug/ml

Instrument :
FID_E
ClientSampleId :



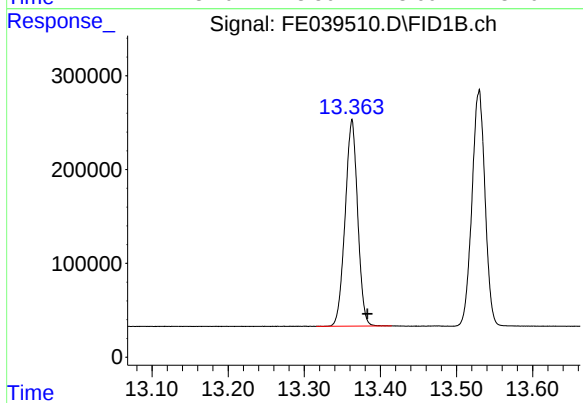
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.020 min
Response: 2989820
Conc: 21.90 ug/ml



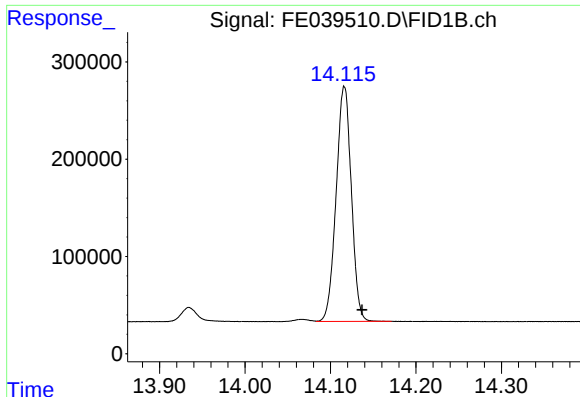
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.021 min
Response: 2912962
Conc: 21.36 ug/ml



#12 1-chlorooctadecane (SURR)

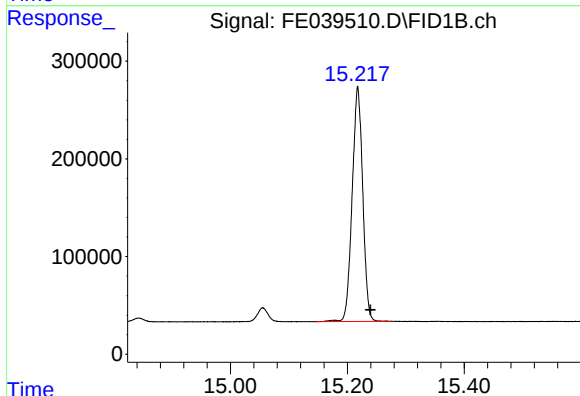
R.T.: 13.363 min
Delta R.T.: -0.020 min
Response: 2520155
Conc: 21.90 ug/ml



#13 n-Docosane (C22)

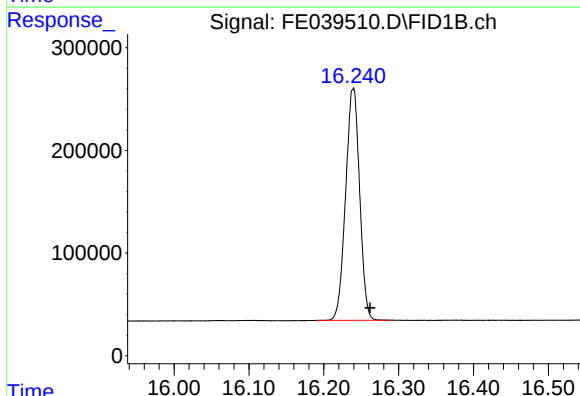
R.T.: 14.116 min
Delta R.T.: -0.021 min
Response: 2991304
Conc: 22.11 ug/ml

Instrument :
FID_E
ClientSampleId :



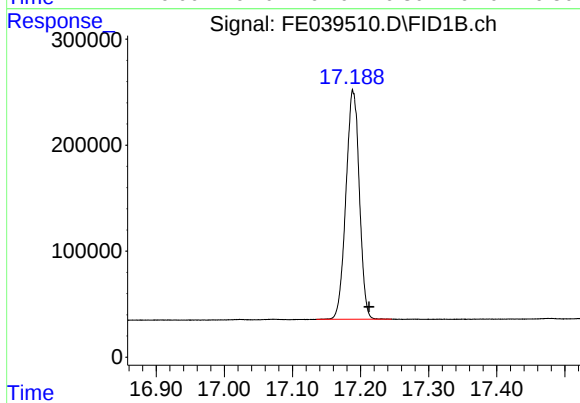
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.022 min
Response: 3016073
Conc: 22.47 ug/ml



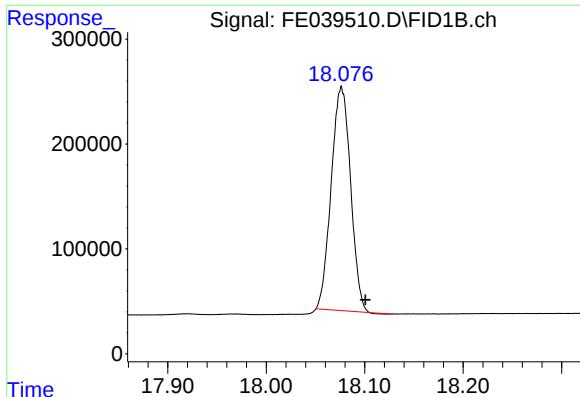
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.023 min
Response: 2941416
Conc: 22.59 ug/ml



#16 n-Octacosane (C28)

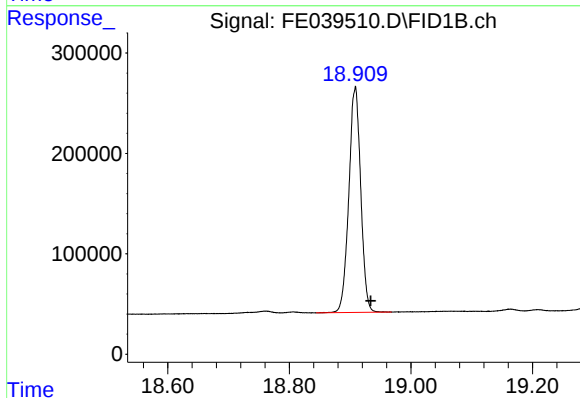
R.T.: 17.189 min
Delta R.T.: -0.023 min
Response: 2956875
Conc: 22.97 ug/ml



#17 n-Tricontane (C30)

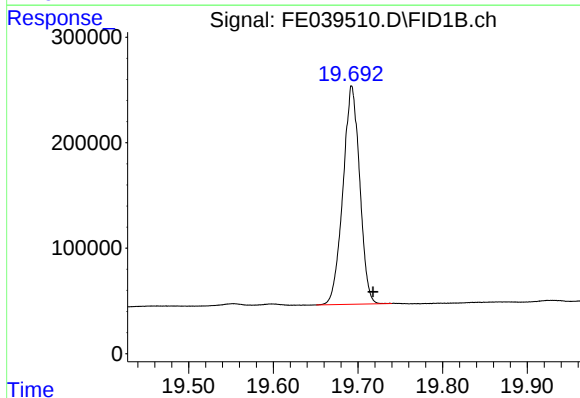
R.T.: 18.076 min
Delta R.T.: -0.025 min
Response: 2913601
Conc: 22.63 ug/ml

Instrument :
FID_E
ClientSampleId :



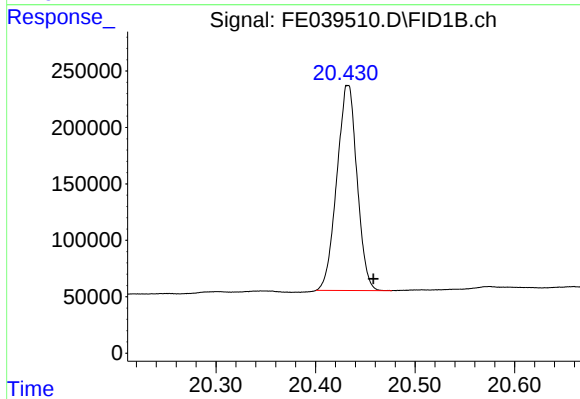
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: -0.025 min
Response: 3046578
Conc: 23.53 ug/ml



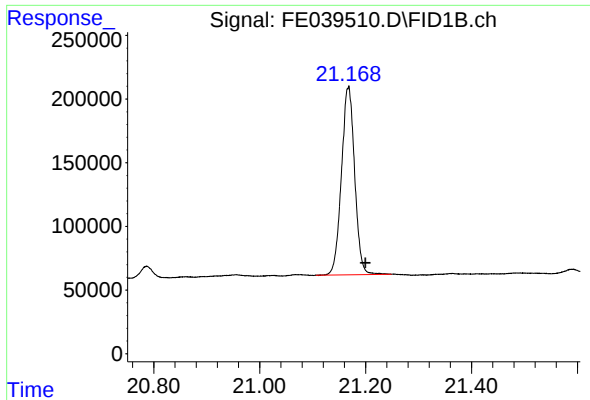
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: -0.025 min
Response: 2843227
Conc: 22.54 ug/ml



#20 n-Hexatriacontane (C36)

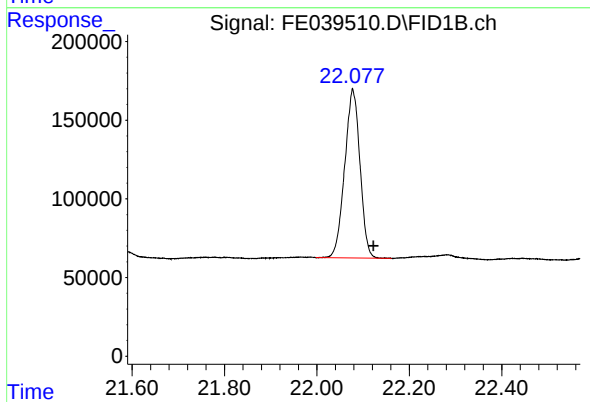
R.T.: 20.433 min
Delta R.T.: -0.026 min
Response: 2563686
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.032 min
Response: 2558470
Conc: 20.72 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: -0.045 min
Response: 2460187
Conc: 19.59 ug/ml