

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053117.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 04:28
 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: Apr 02 05:26:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.890	3346656	20.546 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
12) S 1-chlorooctadecane (S...	13.335	2481344	20.670 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
Target Compounds			
1) T n-Nonane (C9)	3.239	3186752	20.581 ug/ml
2) T n-Decane (C10)	4.499	3267554	20.831 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3469654	20.654 ug/ml
4) T n-Dodecane (C12)	6.679	3239359	20.712 ug/ml
5) T A~2-methylnaphthalene...	7.312	3308721	20.737 ug/ml
6) T n-Tetradecane (C14)	8.514	3161635	20.649 ug/ml
7) T n-Hexadecane (C16)	10.128	3214480	20.853 ug/ml
8) T n-Octadecane (C18)	11.576	3169209	20.896 ug/ml
10) T n-Eicosane (C20)	12.889	2992131	20.986 ug/ml
11) T n-Heneicosane (C21)	13.503	2912152	20.985 ug/ml
13) T n-Docosane (C22)	14.091	2881349	21.039 ug/ml
14) T n-Tetracosane (C24)	15.197	2883750	21.352 ug/ml
15) T n-Hexacosane (C26)	16.219	2841795	21.302 ug/ml
16) T n-Octacosane (C28)	17.171	2868953	21.740 ug/ml
17) T n-Tricontane (C30)	18.060	3050839	22.509 ug/ml
18) T n-Dotriacontane (C32)	18.895	3115655	23.154 ug/ml
19) T n-Tetratriacontane (C34)	19.680	2871518	22.192 ug/ml
20) T n-Hexatriacontane (C36)	20.421	2570939	21.643 ug/ml
21) T n-Octatriacontane (C38)	21.159	2565650	22.322 ug/ml
22) T n-Tetracontane (C40)	22.071	2408060	21.441 ug/ml

(f)=RT Delta > 1/2 Window

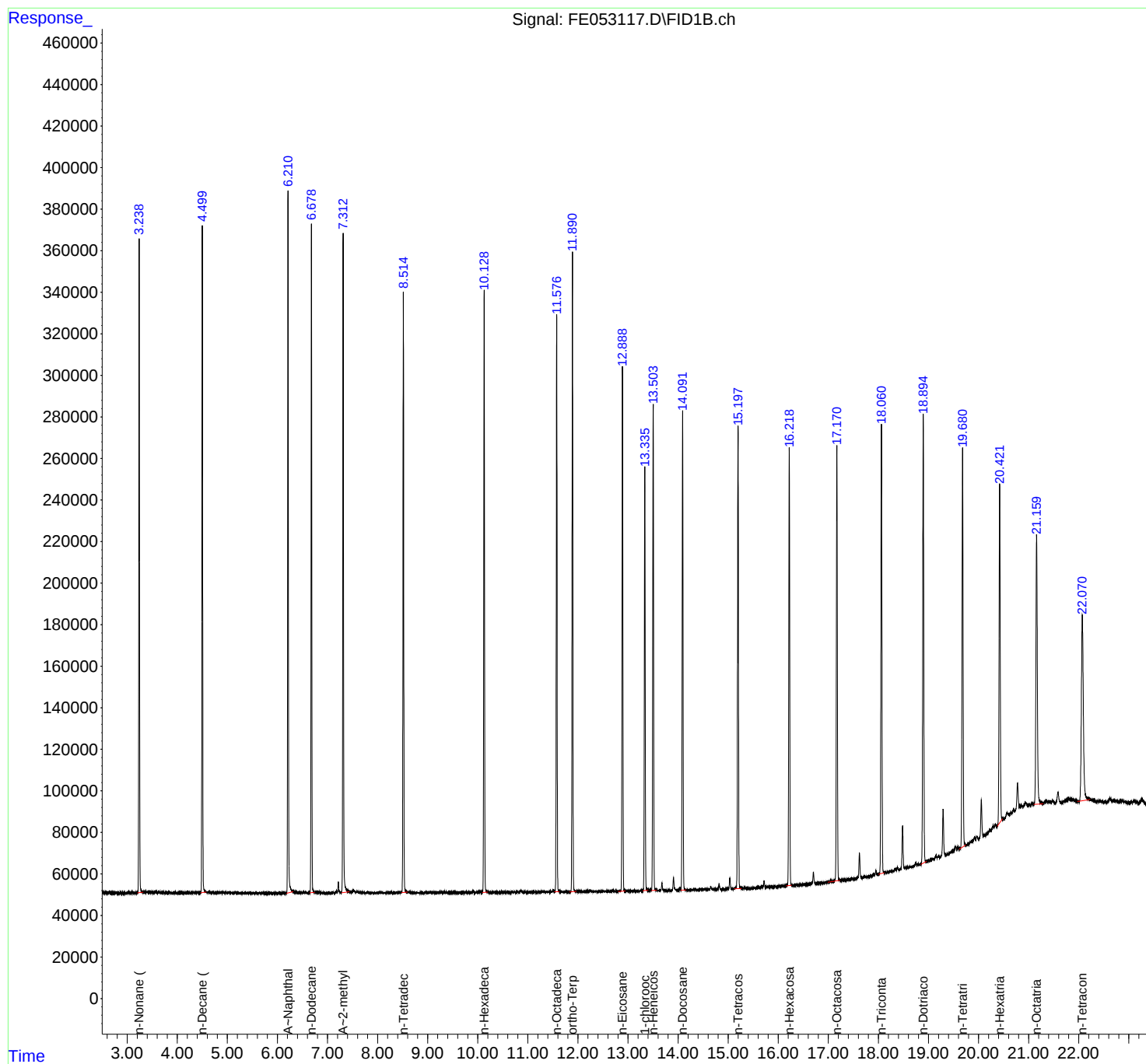
(m)=manual int.

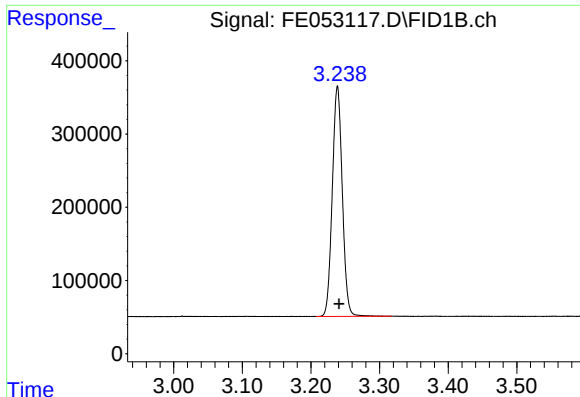
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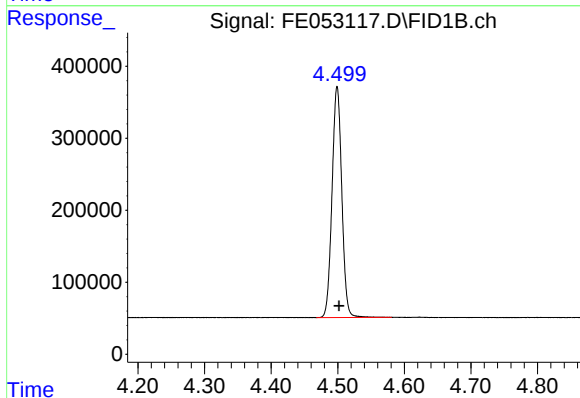




#1 n-Nonane (C9)

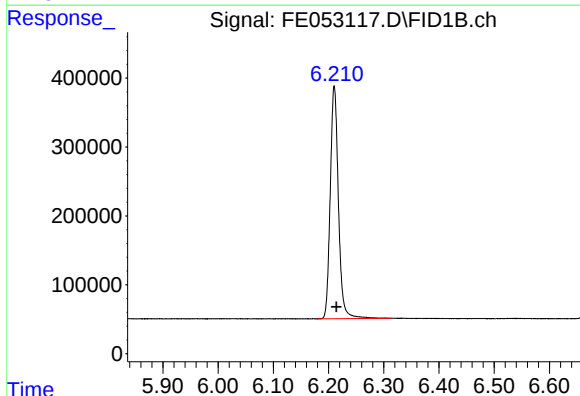
R.T.: 3.239 min
Delta R.T.: -0.002 min
Response: 3186752
Conc: 20.58 ug/ml

Instrument :
FID_E
ClientSampleId :



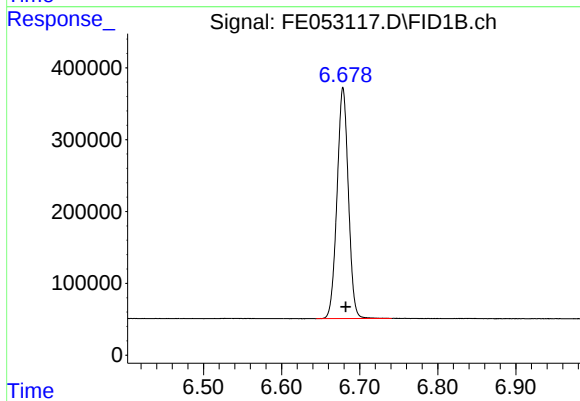
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 3267554
Conc: 20.83 ug/ml



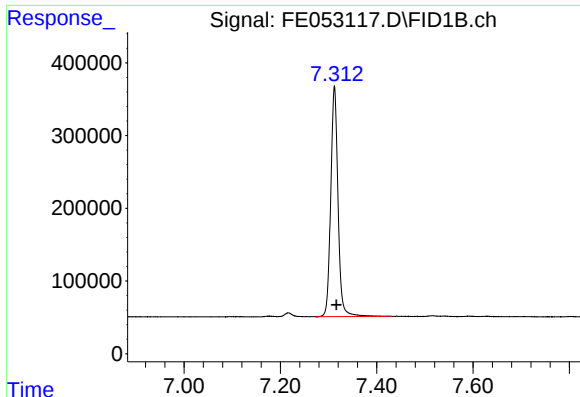
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.004 min
Response: 3469654
Conc: 20.65 ug/ml



#4 n-Dodecane (C12)

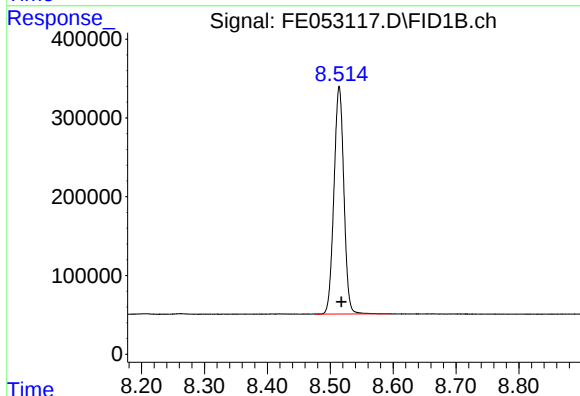
R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 3239359
Conc: 20.71 ug/ml



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

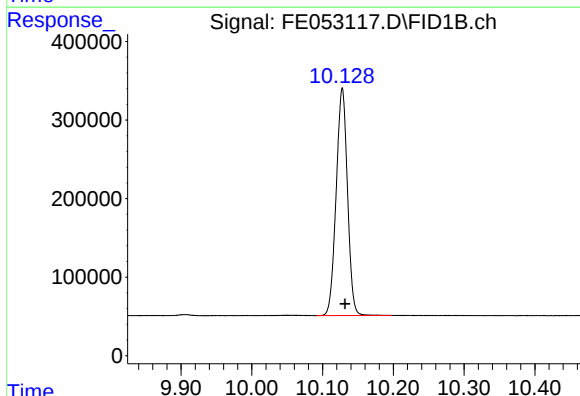
R.T.: 7.312 min
Delta R.T.: -0.004 min
Response: 3308721
Conc: 20.74 ug/ml

Instrument :
FID_E
ClientSampleId :



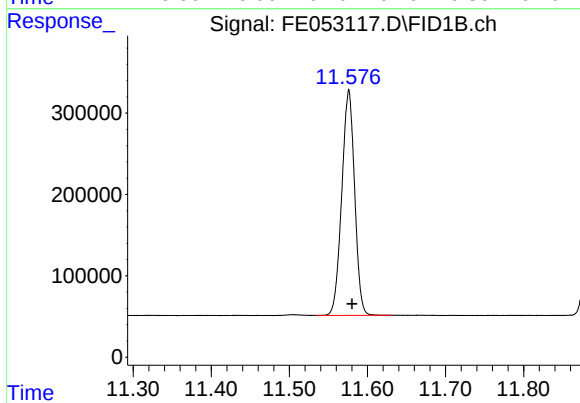
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 3161635
Conc: 20.65 ug/ml



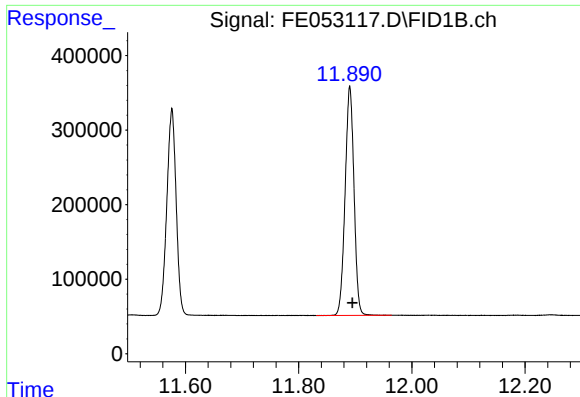
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.004 min
Response: 3214480
Conc: 20.85 ug/ml



#8 n-Octadecane (C18)

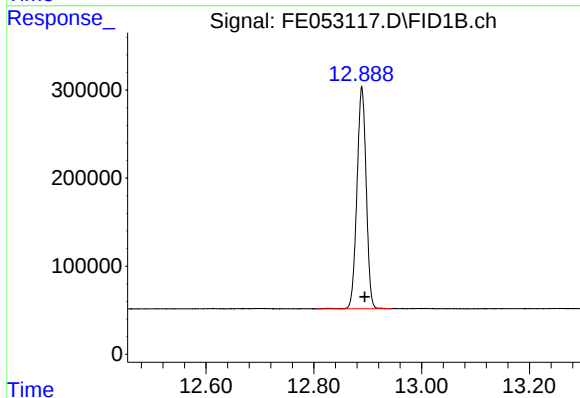
R.T.: 11.576 min
Delta R.T.: -0.004 min
Response: 3169209
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURR)

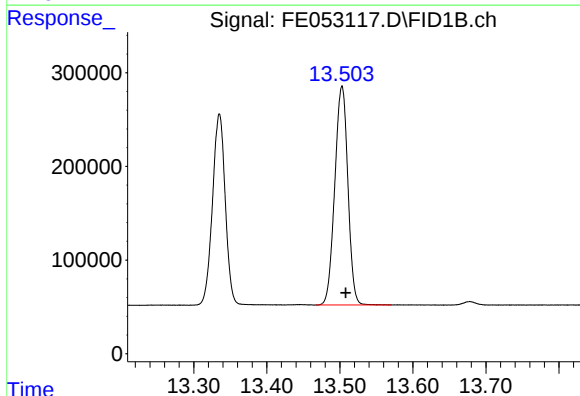
R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 3346656
Conc: 20.55 ug/ml

Instrument :
FID_E
ClientSampleId :



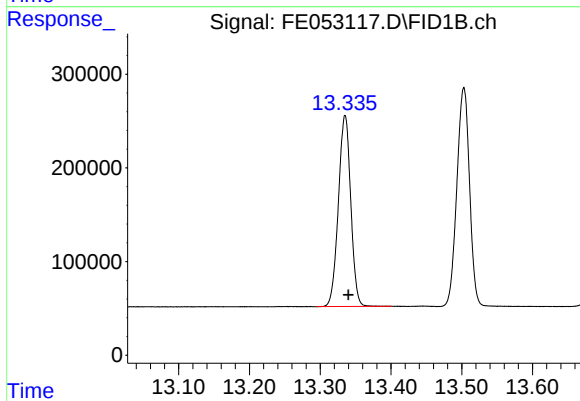
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.005 min
Response: 2992131
Conc: 20.99 ug/ml



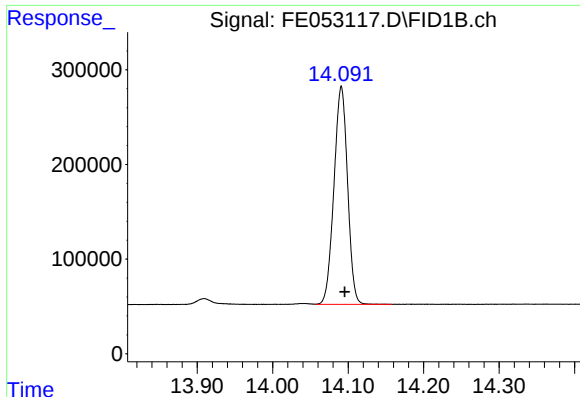
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.005 min
Response: 2912152
Conc: 20.99 ug/ml



#12 1-chlorooctadecane (SURR)

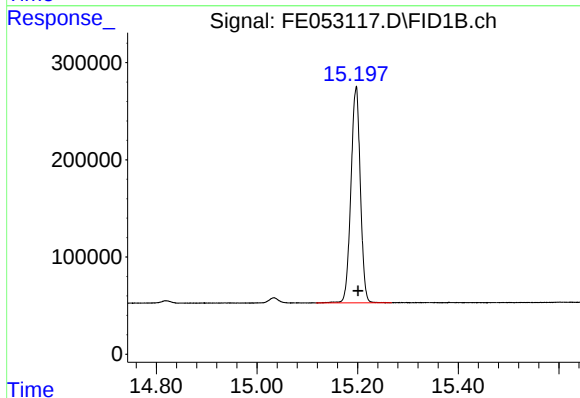
R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 2481344
Conc: 20.67 ug/ml



#13 n-Docosane (C22)

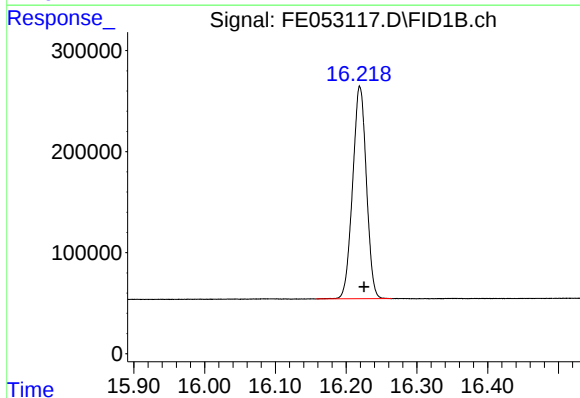
R.T.: 14.091 min
Delta R.T.: -0.005 min
Response: 2881349
Conc: 21.04 ug/ml

Instrument :
FID_E
ClientSampleId :



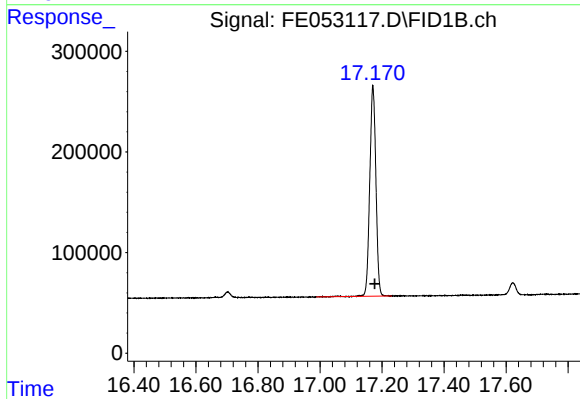
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.005 min
Response: 2883750
Conc: 21.35 ug/ml



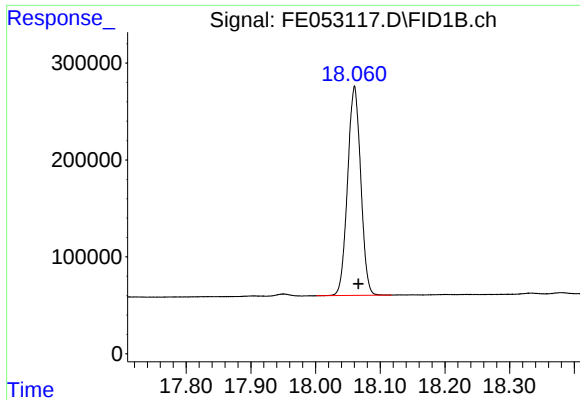
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.006 min
Response: 2841795
Conc: 21.30 ug/ml



#16 n-Octacosane (C28)

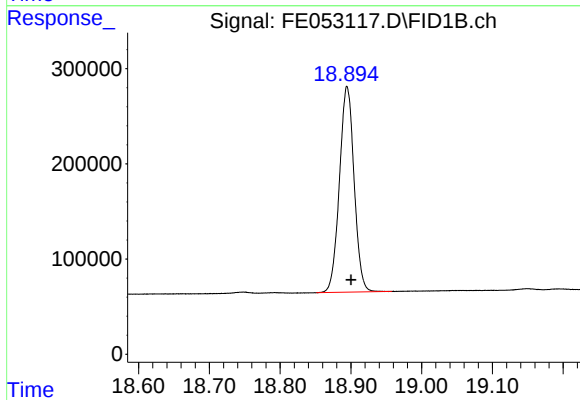
R.T.: 17.171 min
Delta R.T.: -0.006 min
Response: 2868953
Conc: 21.74 ug/ml



#17 n-Tricontane (C30)

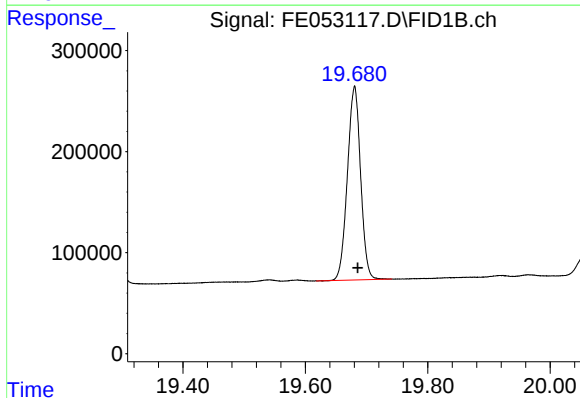
R.T.: 18.060 min
Delta R.T.: -0.006 min
Response: 3050839
Conc: 22.51 ug/ml

Instrument :
FID_E
ClientSampleId :



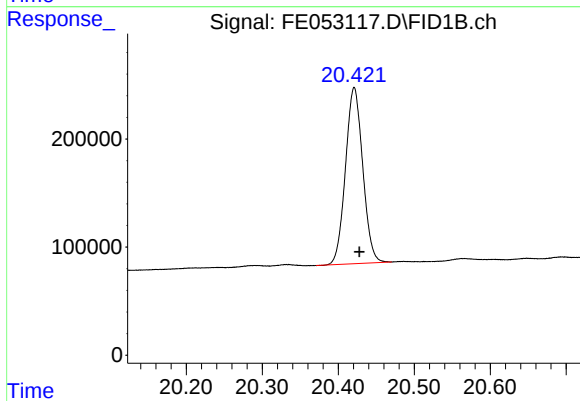
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.006 min
Response: 3115655
Conc: 23.15 ug/ml



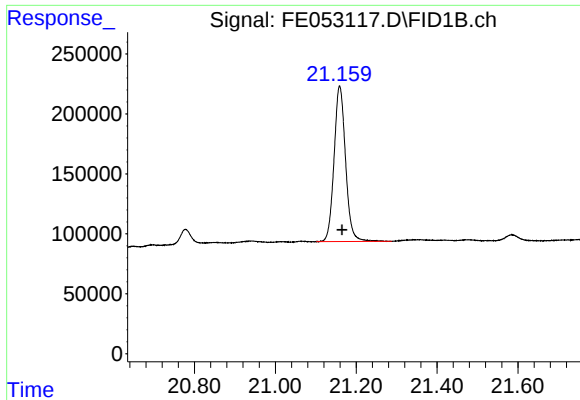
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.006 min
Response: 2871518
Conc: 22.19 ug/ml



#20 n-Hexatriacontane (C36)

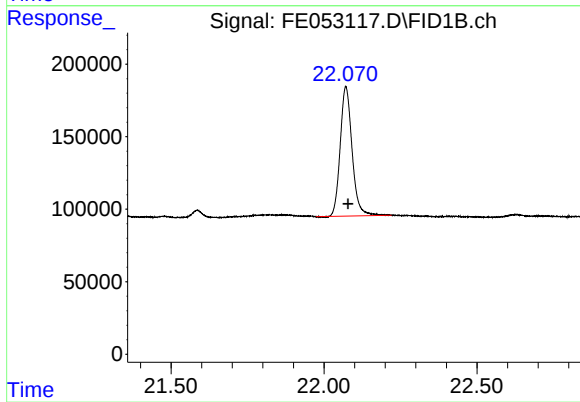
R.T.: 20.421 min
Delta R.T.: -0.007 min
Response: 2570939
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.006 min
Response: 2565650
Conc: 22.32 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: -0.007 min
Response: 2408060
Conc: 21.44 ug/ml