

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052707.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 19:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 11 05:21:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.912	3350828	19.876 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	13.357	2501200	20.599 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
Target Compounds			
1) T n-Nonane (C9)	3.250	3174938	20.477 ug/ml
2) T n-Decane (C10)	4.512	3262878	20.770 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3502253	20.651 ug/ml
4) T n-Dodecane (C12)	6.693	3220795	20.686 ug/ml
5) T A~2-methylnaphthalene...	7.328	3344702	20.639 ug/ml
6) T n-Tetradecane (C14)	8.530	3112212	20.569 ug/ml
7) T n-Hexadecane (C16)	10.146	3149346	20.599 ug/ml
8) T n-Octadecane (C18)	11.596	3117983	20.494 ug/ml
10) T n-Eicosane (C20)	12.911	2968827	20.450 ug/ml
11) T n-Heneicosane (C21)	13.526	2906698	20.422 ug/ml
13) T n-Docosane (C22)	14.114	2914638	20.481 ug/ml
14) T n-Tetracosane (C24)	15.221	2969824	20.752 ug/ml
15) T n-Hexacosane (C26)	16.246	2952252	20.762 ug/ml
16) T n-Octacosane (C28)	17.198	3001569	21.109 ug/ml
17) T n-Tricontane (C30)	18.088	3139348	21.255 ug/ml
18) T n-Dotriacontane (C32)	18.923	3126155	21.533 ug/ml
19) T n-Tetratriacontane (C34)	19.709	2784529	20.660 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2462016	20.720 ug/ml
21) T n-Octatriacontane (C38)	21.194	2338978	21.084 ug/ml
22) T n-Tetracontane (C40)	22.117	2303844	21.309 ug/ml

(f)=RT Delta > 1/2 Window

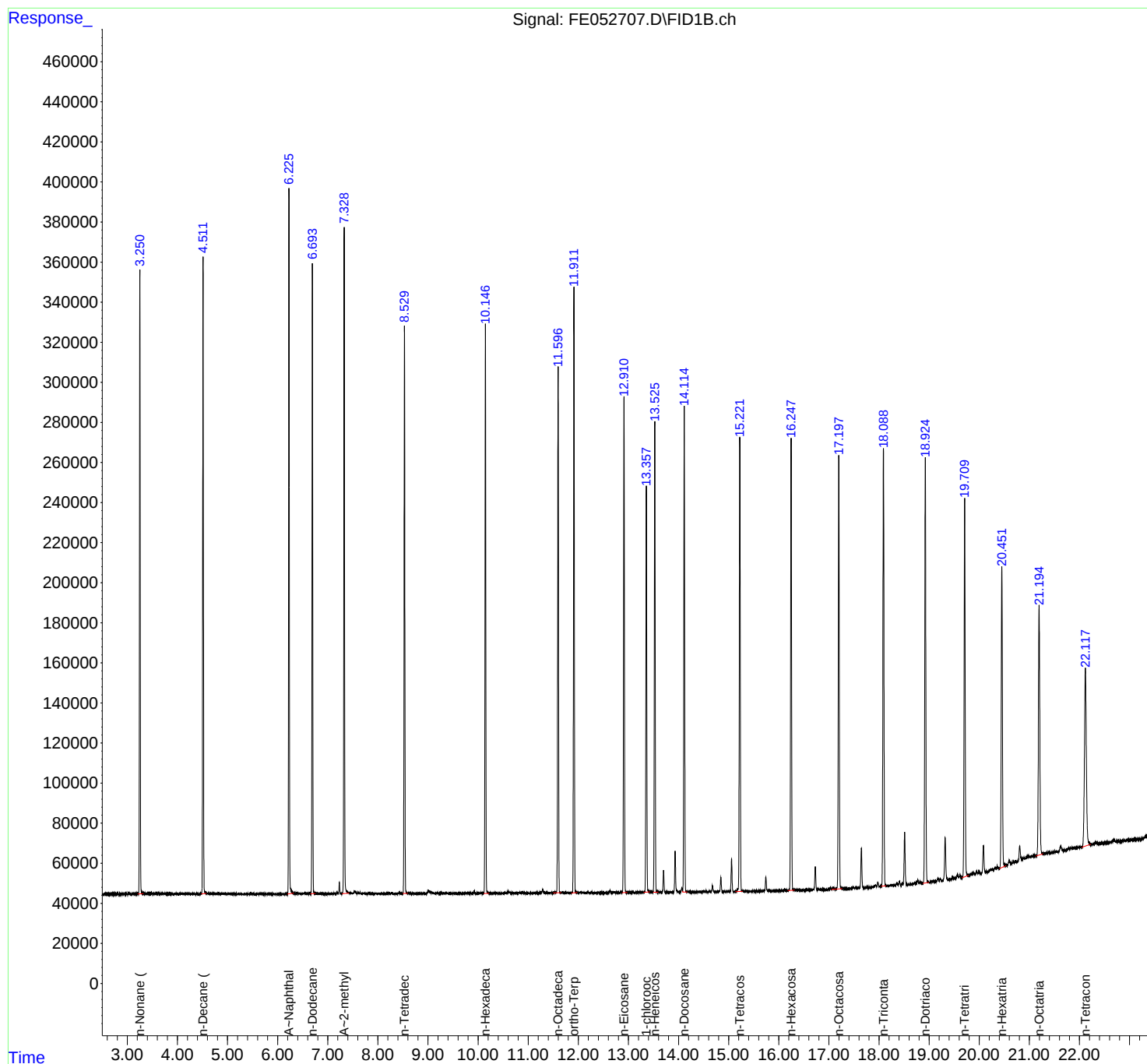
(m)=manual int.

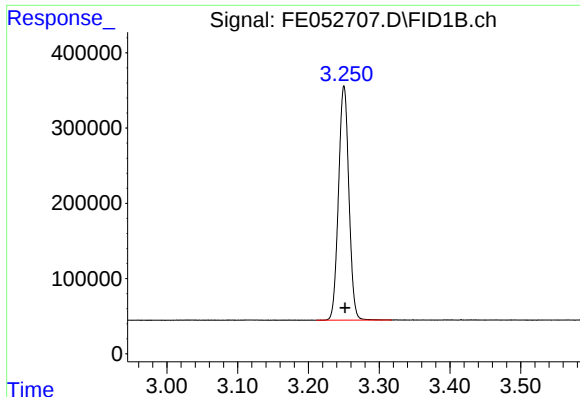
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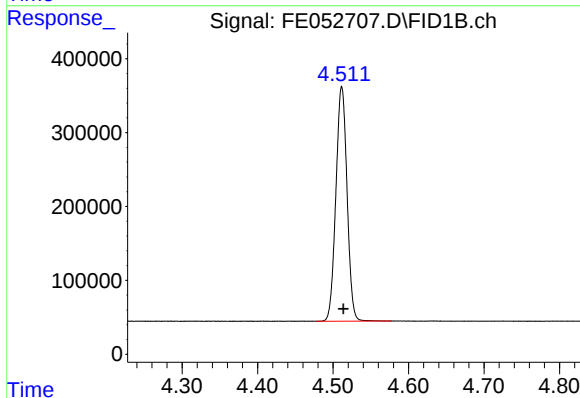




#1 n-Nonane (C9)

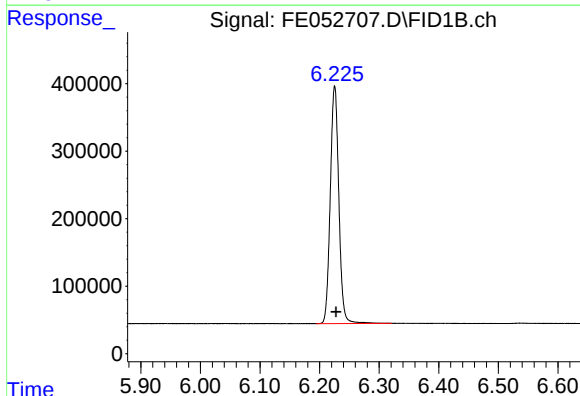
R.T.: 3.250 min
Delta R.T.: -0.002 min
Response: 3174938
Conc: 20.48 ug/ml

Instrument :
FID_E
ClientSampleId :



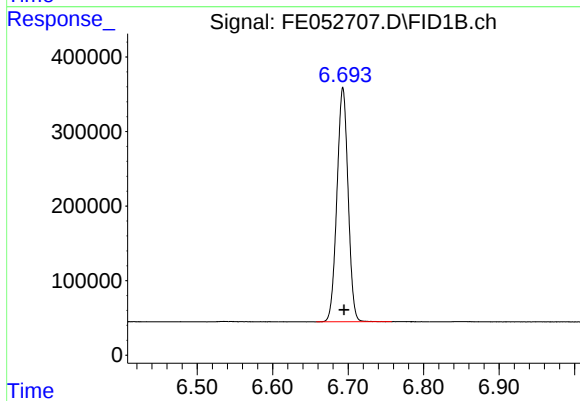
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 3262878
Conc: 20.77 ug/ml



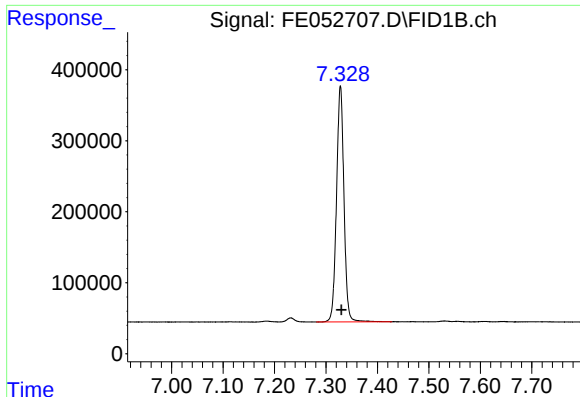
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.002 min
Response: 3502253
Conc: 20.65 ug/ml



#4 n-Dodecane (C12)

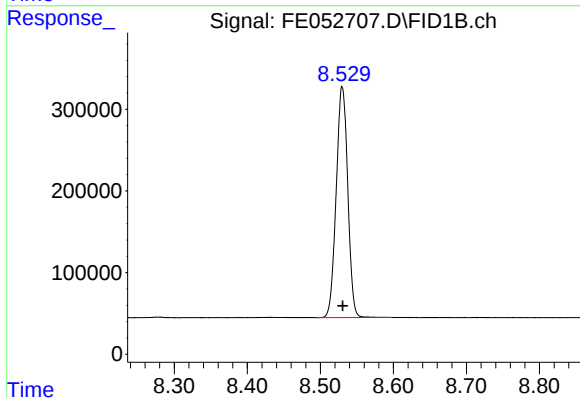
R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 3220795
Conc: 20.69 ug/ml



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

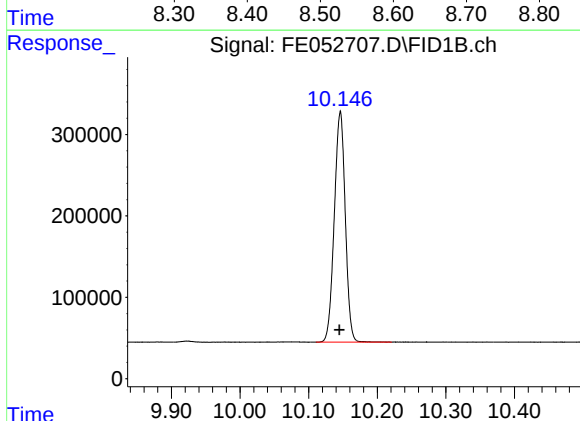
R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 3344702
Conc: 20.64 ug/ml

Instrument :
FID_E
ClientSampleId :



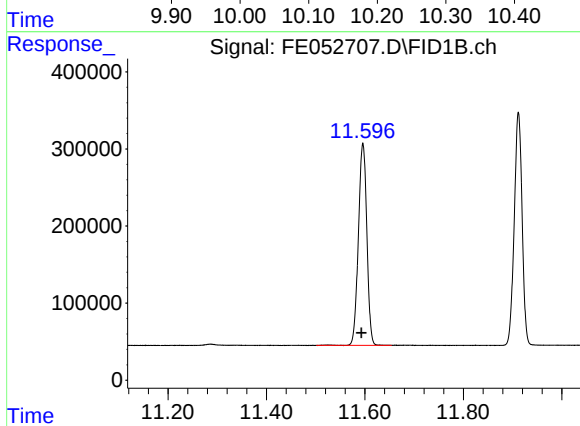
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 3112212
Conc: 20.57 ug/ml



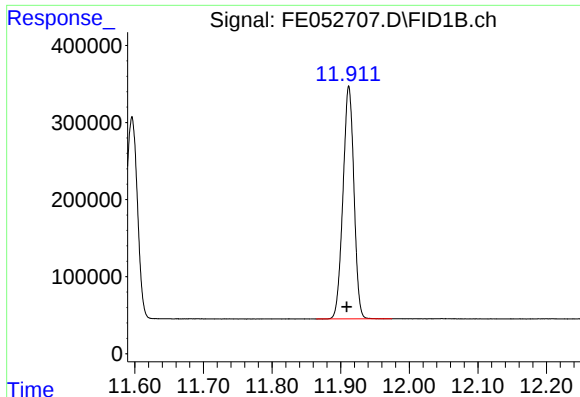
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.001 min
Response: 3149346
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

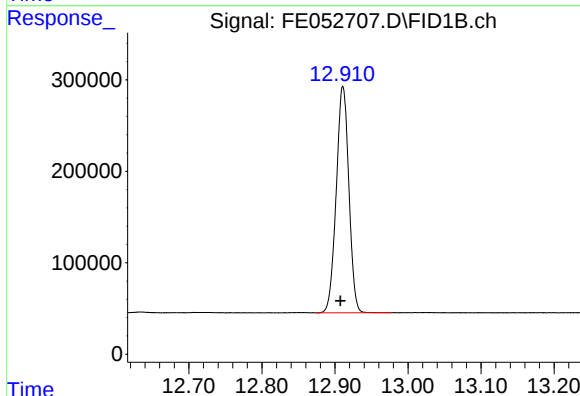
R.T.: 11.596 min
Delta R.T.: 0.003 min
Response: 3117983
Conc: 20.49 ug/ml



#9 ortho-Terphenyl (SURR)

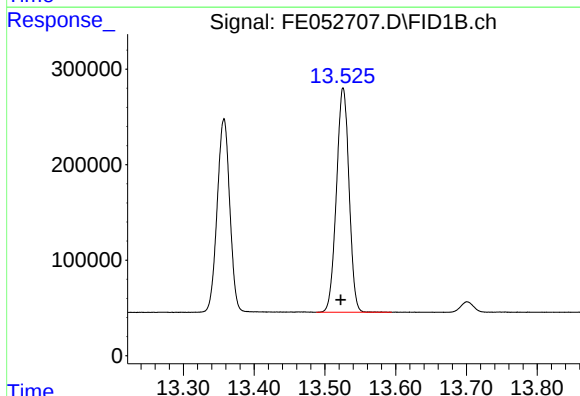
R.T.: 11.912 min
Delta R.T.: 0.003 min
Response: 3350828
Conc: 19.88 ug/ml

Instrument :
FID_E
ClientSampleId :



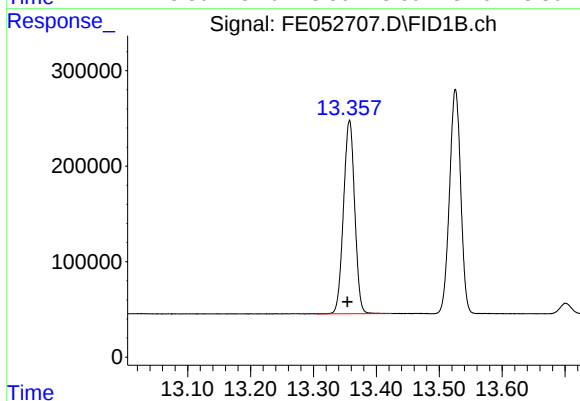
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 2968827
Conc: 20.45 ug/ml



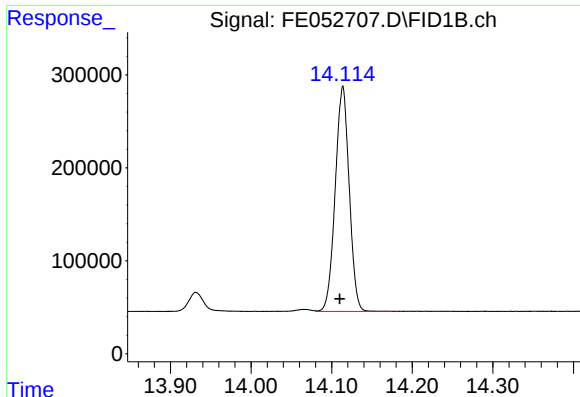
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.003 min
Response: 2906698
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

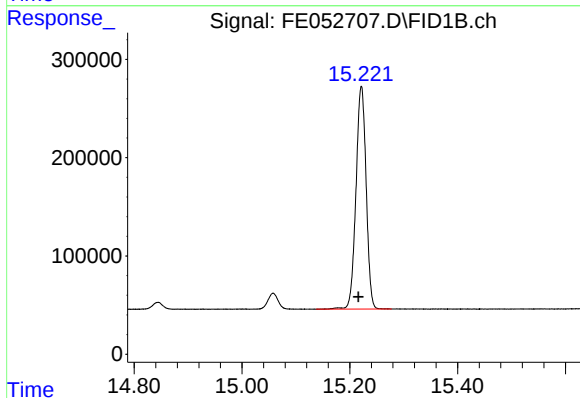
R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 2501200
Conc: 20.60 ug/ml



#13 n-Docosane (C22)

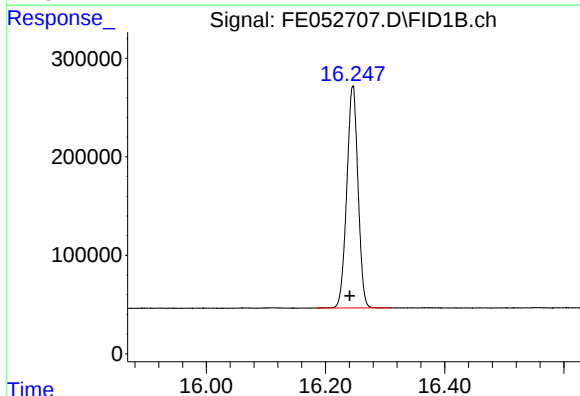
R.T.: 14.114 min
Delta R.T.: 0.004 min
Response: 2914638
Conc: 20.48 ug/ml

Instrument :
FID_E
ClientSampleId :



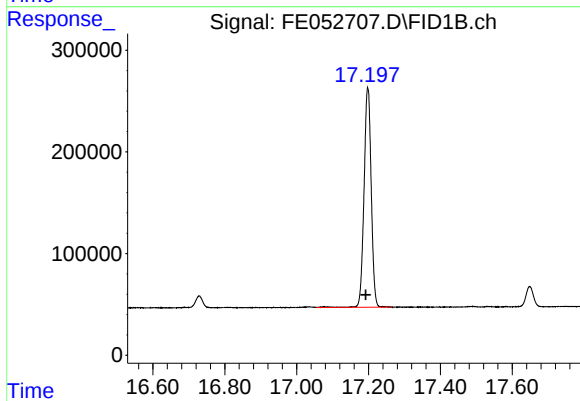
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.005 min
Response: 2969824
Conc: 20.75 ug/ml



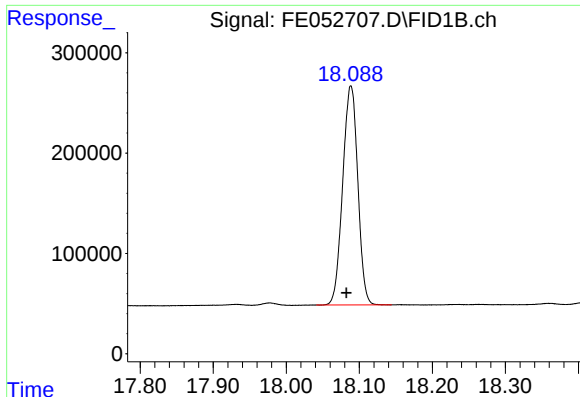
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: 0.005 min
Response: 2952252
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

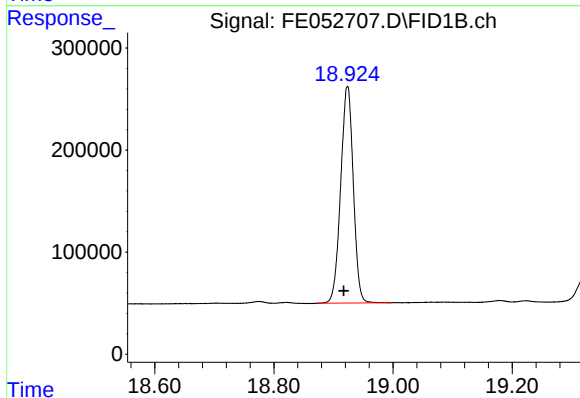
R.T.: 17.198 min
Delta R.T.: 0.006 min
Response: 3001569
Conc: 21.11 ug/ml



#17 n-Tricontane (C30)

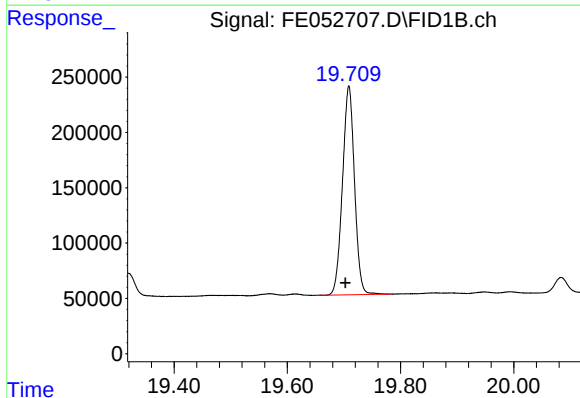
R.T.: 18.088 min
Delta R.T.: 0.006 min
Response: 3139348
Conc: 21.25 ug/ml

Instrument :
FID_E
ClientSampleId :



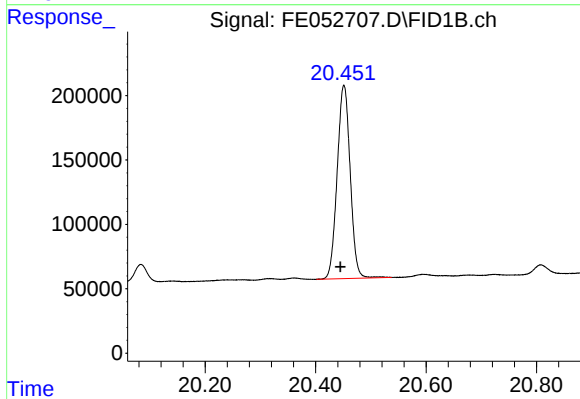
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.006 min
Response: 3126155
Conc: 21.53 ug/ml



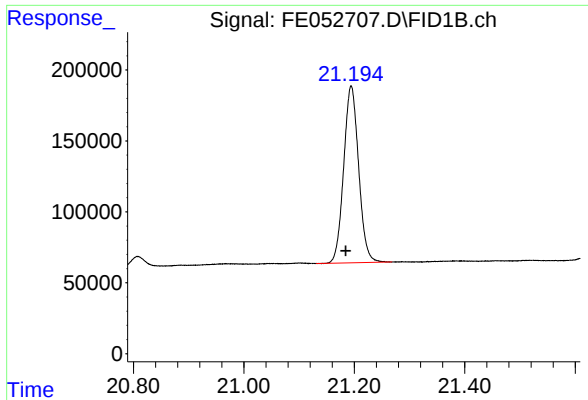
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.006 min
Response: 2784529
Conc: 20.66 ug/ml



#20 n-Hexatriacontane (C36)

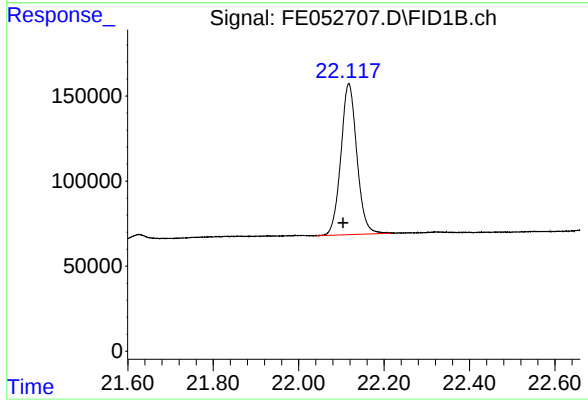
R.T.: 20.451 min
Delta R.T.: 0.006 min
Response: 2462016
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: 0.010 min
Response: 2338978
Conc: 21.08 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.013 min
Response: 2303844
Conc: 21.31 ug/ml