

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030525AL\
 Data File : FE052637.D
 Signal(s) : FID1B.ch
 Acq On : 05 Mar 2025 17:56
 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 06 01:51:13 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)	11.915	3073527	18.231 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
12) S 1-chlorooctadecane (S...	13.360	2313467	19.052 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.253	2950888	19.032 ug/ml
2) T n-Decane (C10)	4.514	3004593	19.126 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3236020	19.081 ug/ml
4) T n-Dodecane (C12)	6.696	2960605	19.015 ug/ml
5) T A~2-methylnaphthalene...	7.332	3078202	18.994 ug/ml
6) T n-Tetradecane (C14)	8.534	2851849	18.848 ug/ml
7) T n-Hexadecane (C16)	10.148	2882949	18.857 ug/ml
8) T n-Octadecane (C18)	11.599	2859634	18.796 ug/ml
10) T n-Eicosane (C20)	12.914	2721045	18.743 ug/ml
11) T n-Heneicosane (C21)	13.529	2663683	18.715 ug/ml
13) T n-Docosane (C22)	14.117	2666810	18.740 ug/ml
14) T n-Tetracosane (C24)	15.224	2716155	18.980 ug/ml
15) T n-Hexacosane (C26)	16.249	2709181	19.053 ug/ml
16) T n-Octacosane (C28)	17.202	2754621	19.372 ug/ml
17) T n-Tricontane (C30)	18.092	2844550	19.259 ug/ml
18) T n-Dotriacontane (C32)	18.928	2829081	19.487 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2523362	18.722 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2259703	19.017 ug/ml
21) T n-Octatriacontane (C38)	21.199	2212792	19.947 ug/ml
22) T n-Tetracontane (C40)	22.124	2246286	20.777 ug/ml

(f)=RT Delta > 1/2 Window

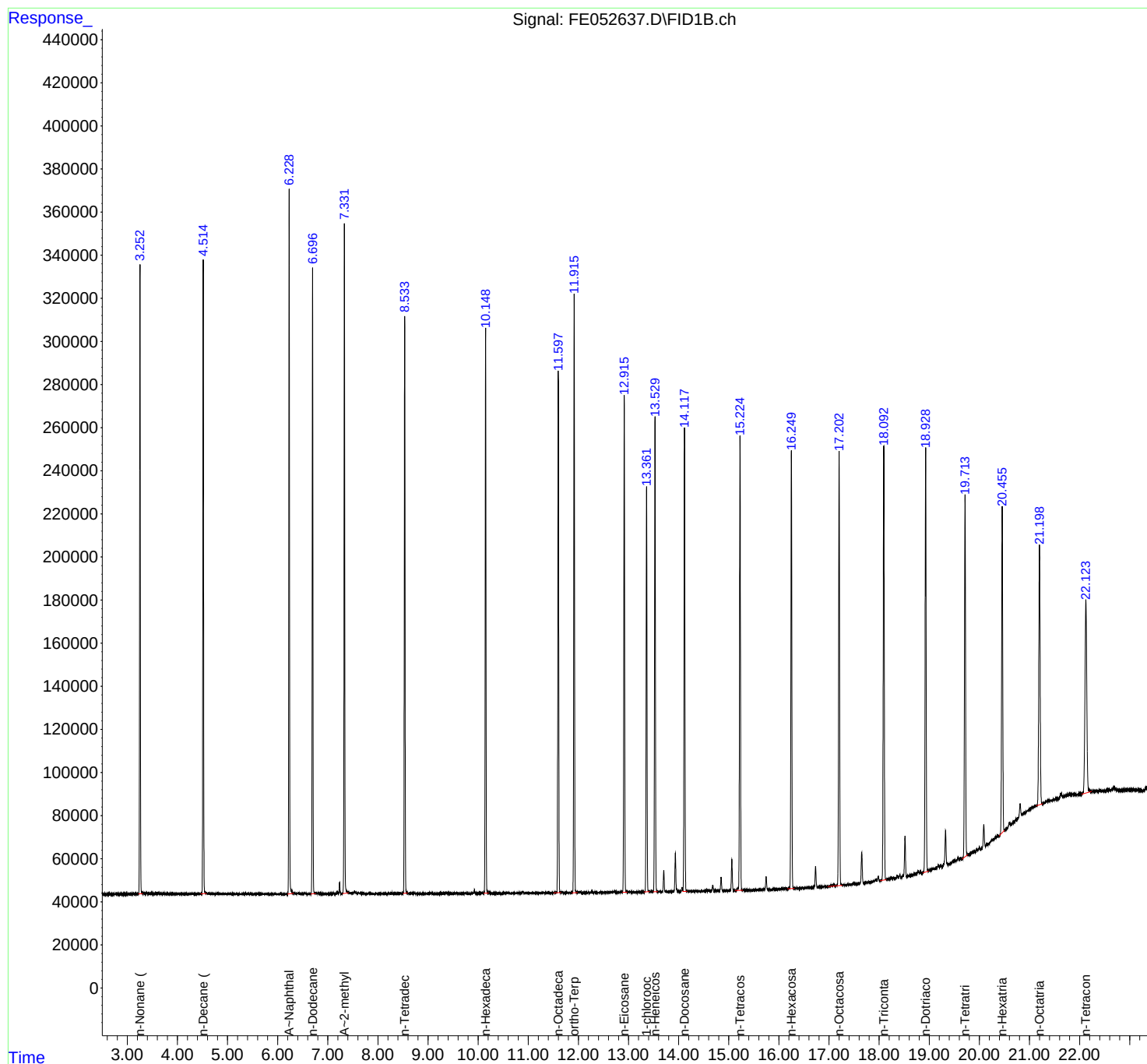
(m)=manual int.

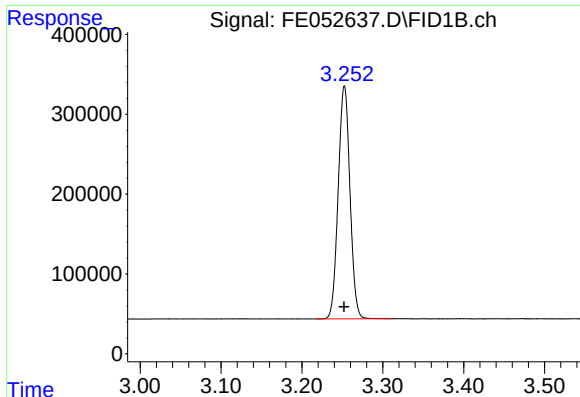
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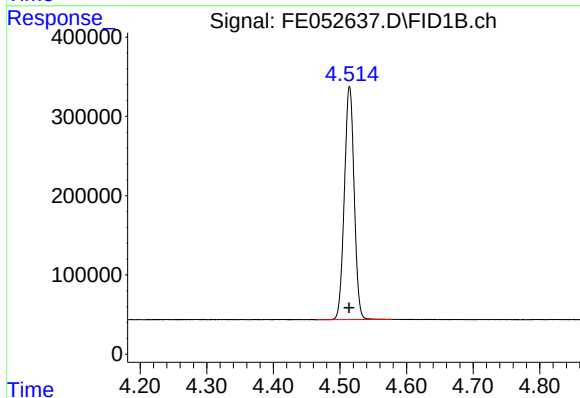




#1 n-Nonane (C9)

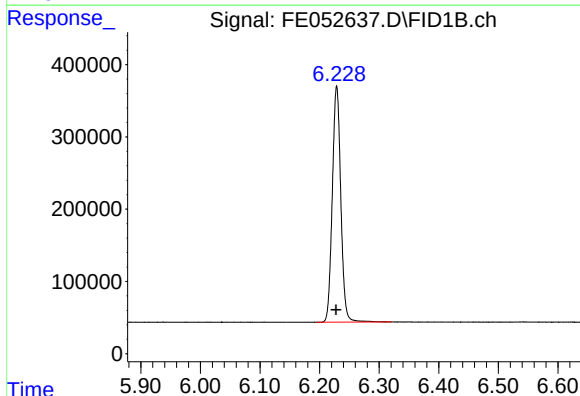
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 2950888
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :



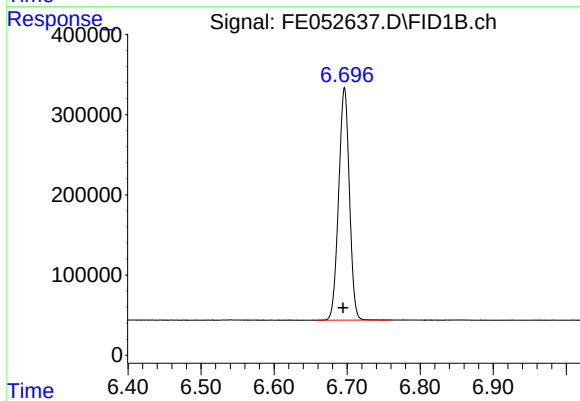
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3004593
Conc: 19.13 ug/ml



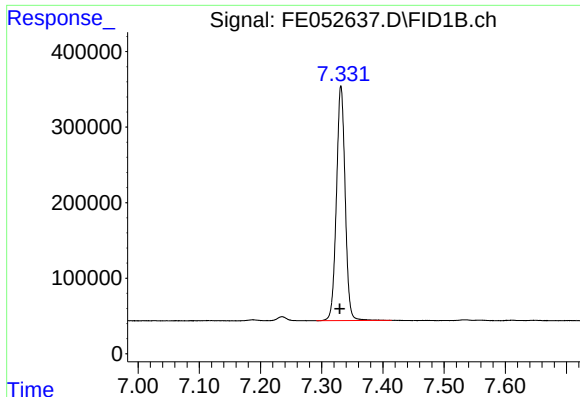
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 3236020
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

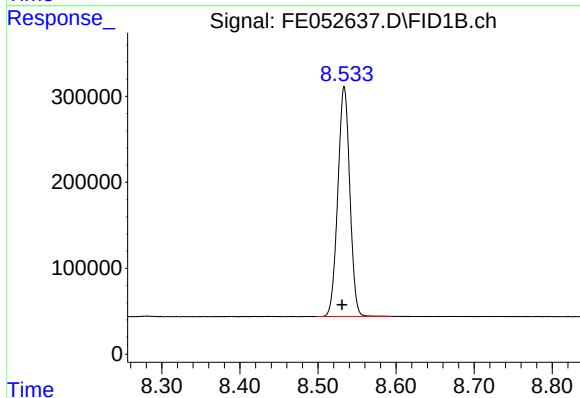
R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 2960605
Conc: 19.01 ug/ml



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

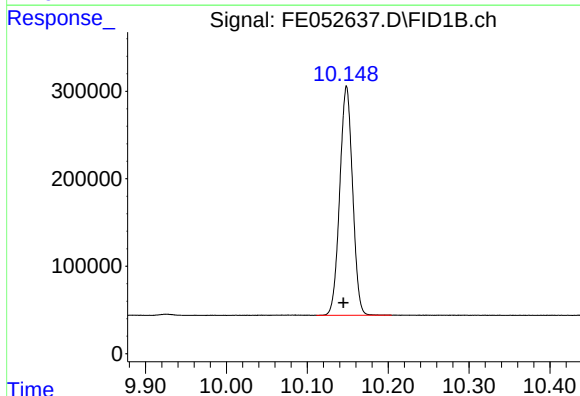
R.T.: 7.332 min
Delta R.T.: 0.002 min
Response: 3078202
Conc: 18.99 ug/ml

Instrument :
FID_E
ClientSampleId :



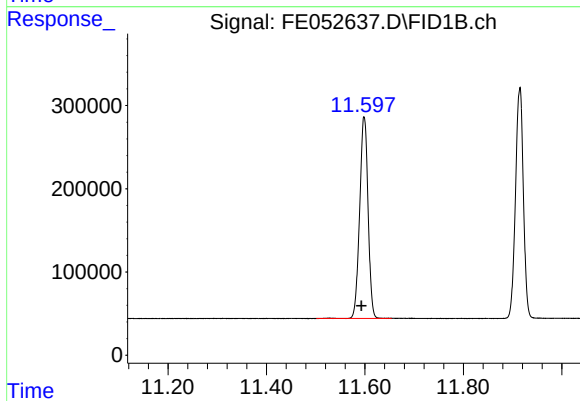
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 2851849
Conc: 18.85 ug/ml



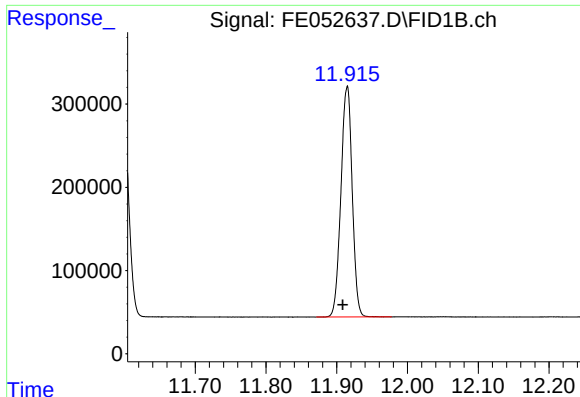
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: 0.004 min
Response: 2882949
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

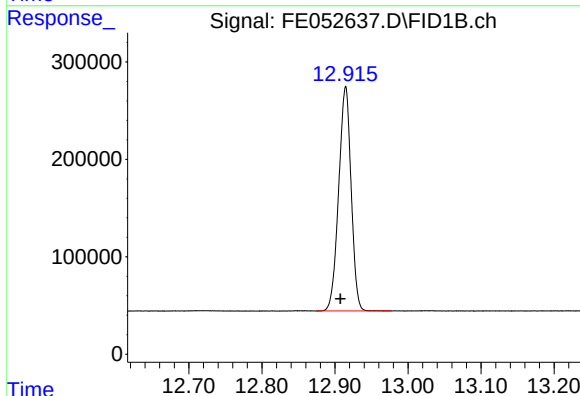
R.T.: 11.599 min
Delta R.T.: 0.005 min
Response: 2859634
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

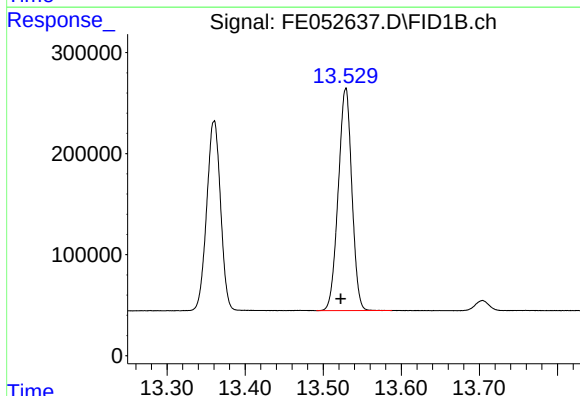
R.T.: 11.915 min
Delta R.T.: 0.006 min
Response: 3073527
Conc: 18.23 ug/ml

Instrument :
FID_E
ClientSampleId :



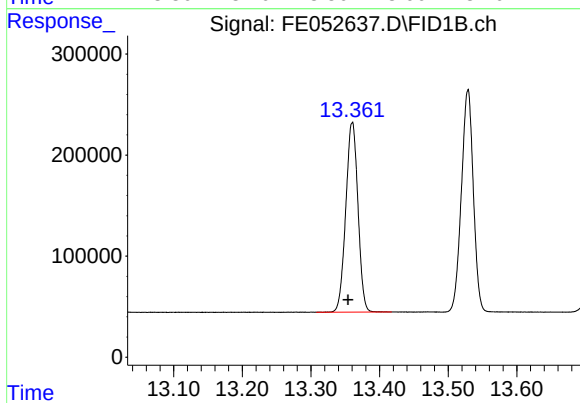
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.007 min
Response: 2721045
Conc: 18.74 ug/ml



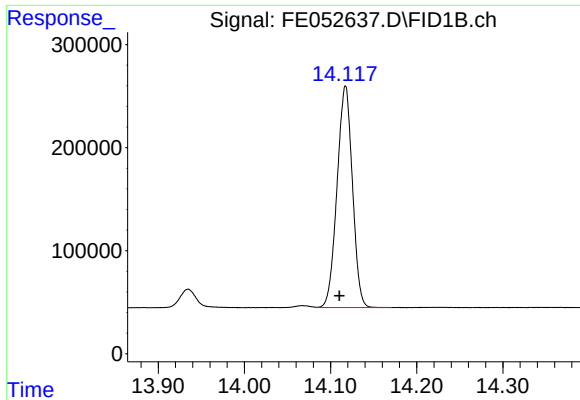
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.006 min
Response: 2663683
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

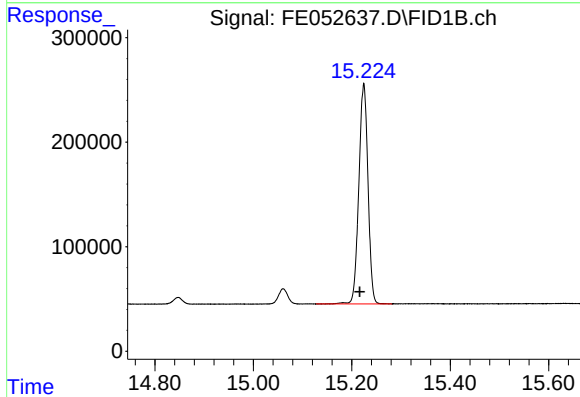
R.T.: 13.360 min
Delta R.T.: 0.006 min
Response: 2313467
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

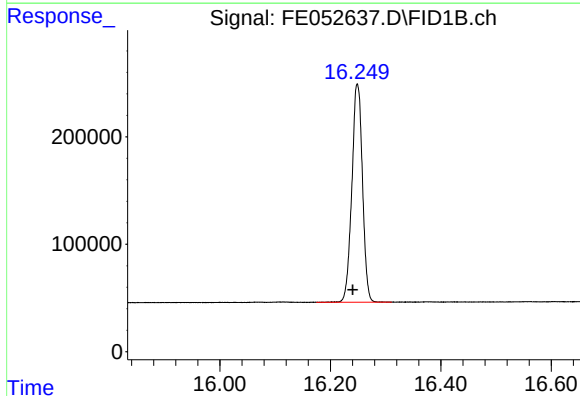
R.T.: 14.117 min
Delta R.T.: 0.007 min
Response: 2666810
Conc: 18.74 ug/ml

Instrument :
FID_E
ClientSampleId :



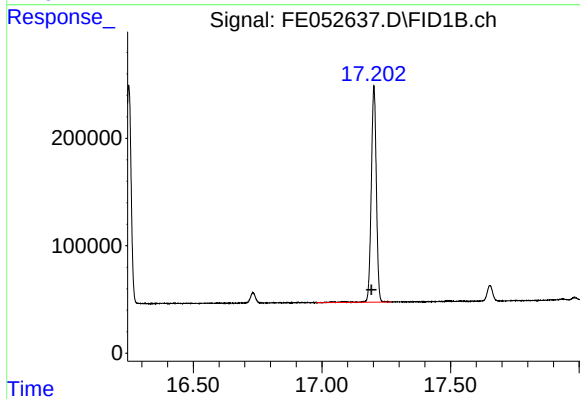
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.008 min
Response: 2716155
Conc: 18.98 ug/ml



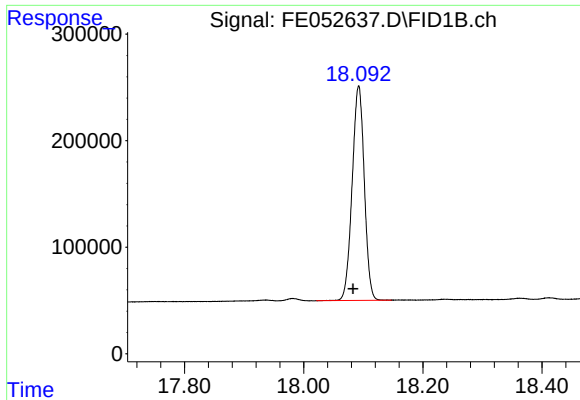
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.008 min
Response: 2709181
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

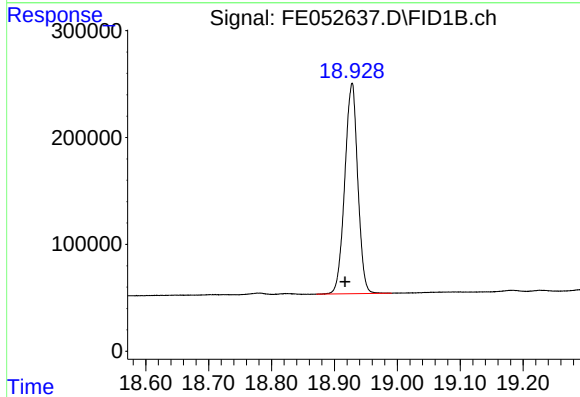
R.T.: 17.202 min
Delta R.T.: 0.010 min
Response: 2754621
Conc: 19.37 ug/ml



#17 n-Tricontane (C30)

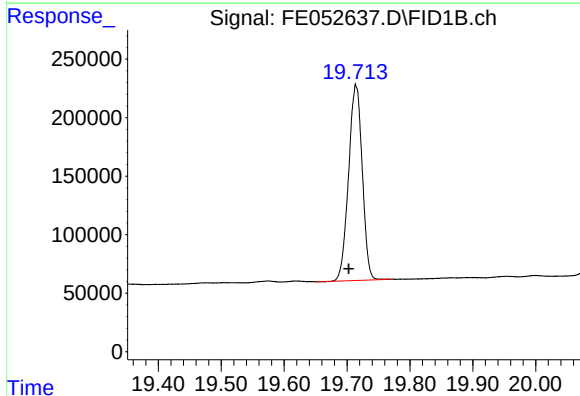
R.T.: 18.092 min
Delta R.T.: 0.010 min
Response: 2844550
Conc: 19.26 ug/ml

Instrument :
FID_E
ClientSampleId :



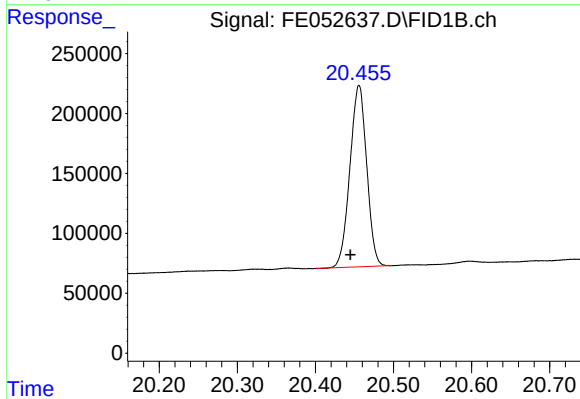
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.011 min
Response: 2829081
Conc: 19.49 ug/ml



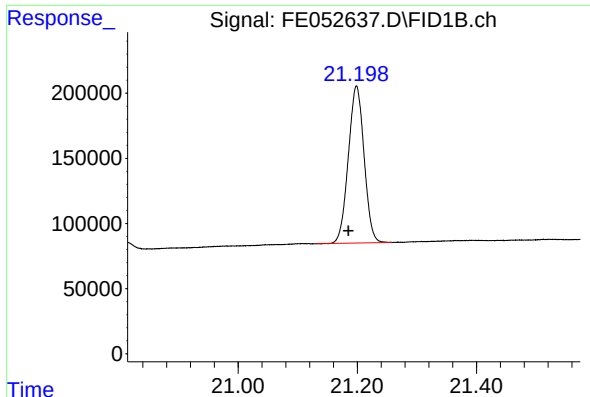
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.012 min
Response: 2523362
Conc: 18.72 ug/ml



#20 n-Hexatriacontane (C36)

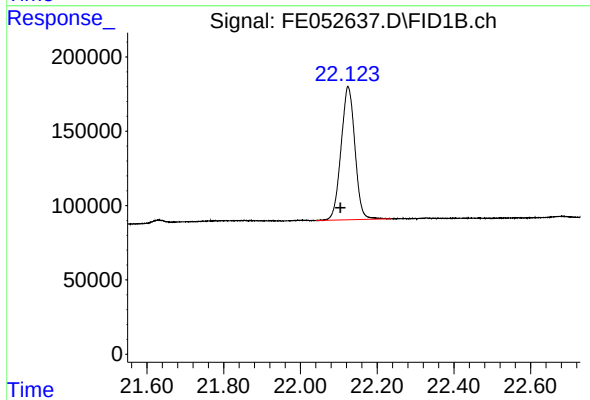
R.T.: 20.456 min
Delta R.T.: 0.011 min
Response: 2259703
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.014 min
Response: 2212792
Conc: 19.95 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: 0.020 min
Response: 2246286
Conc: 20.78 ug/ml