

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AL\
 Data File : FG015493.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 12:38
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 17 13:24:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 13:20:26 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)	11.925	7789921	48.651 ug/ml
Spiked Amount 50.000		Recovery =	97.30%
12) S 1-chlorooctadecane (S...	13.368	6254429	48.695 ug/ml
Spiked Amount 50.000		Recovery =	97.39%
Target Compounds			
1) T n-Nonane (C9)	3.268	6111228	48.852 ug/ml
2) T n-Decane (C10)	4.528	6240003	48.777 ug/ml
3) T A~Naphthalene (C11.7)	6.238	6873581	48.819 ug/ml
4) T n-Dodecane (C12)	6.708	6376602	48.614 ug/ml
5) T A~2-methylnaphthalene...	7.341	6716793	48.838 ug/ml
6) T n-Tetradecane (C14)	8.544	6466072	48.570 ug/ml
7) T n-Hexadecane (C16)	10.159	6851529	48.557 ug/ml
8) T n-Octadecane (C18)	11.610	7114227	48.630 ug/ml
10) T n-Eicosane (C20)	12.923	7056304	48.708 ug/ml
11) T n-Heneicosane (C21)	13.538	7027910	48.741 ug/ml
13) T n-Docosane (C22)	14.126	7123345	48.929 ug/ml
14) T n-Tetracosane (C24)	15.232	7315602	49.161 ug/ml
15) T n-Hexacosane (C26)	16.257	7293273	49.202 ug/ml
16) T n-Octacosane (C28)	17.209	7169752	49.035 ug/ml
17) T n-Tricontane (C30)	18.098	7118748	48.366 ug/ml
18) T n-Dotriacontane (C32)	18.932	6648253	47.989 ug/ml
19) T n-Tetratriacontane (C34)	19.717	5861029	47.999 ug/ml
20) T n-Hexatriacontane (C36)	20.457	4940846	48.060 ug/ml
21) T n-Octatriacontane (C38)	21.200	4413616	48.466 ug/ml
22) T n-Tetracontane (C40)	22.130	4167524	49.102 ug/ml

(f)=RT Delta > 1/2 Window

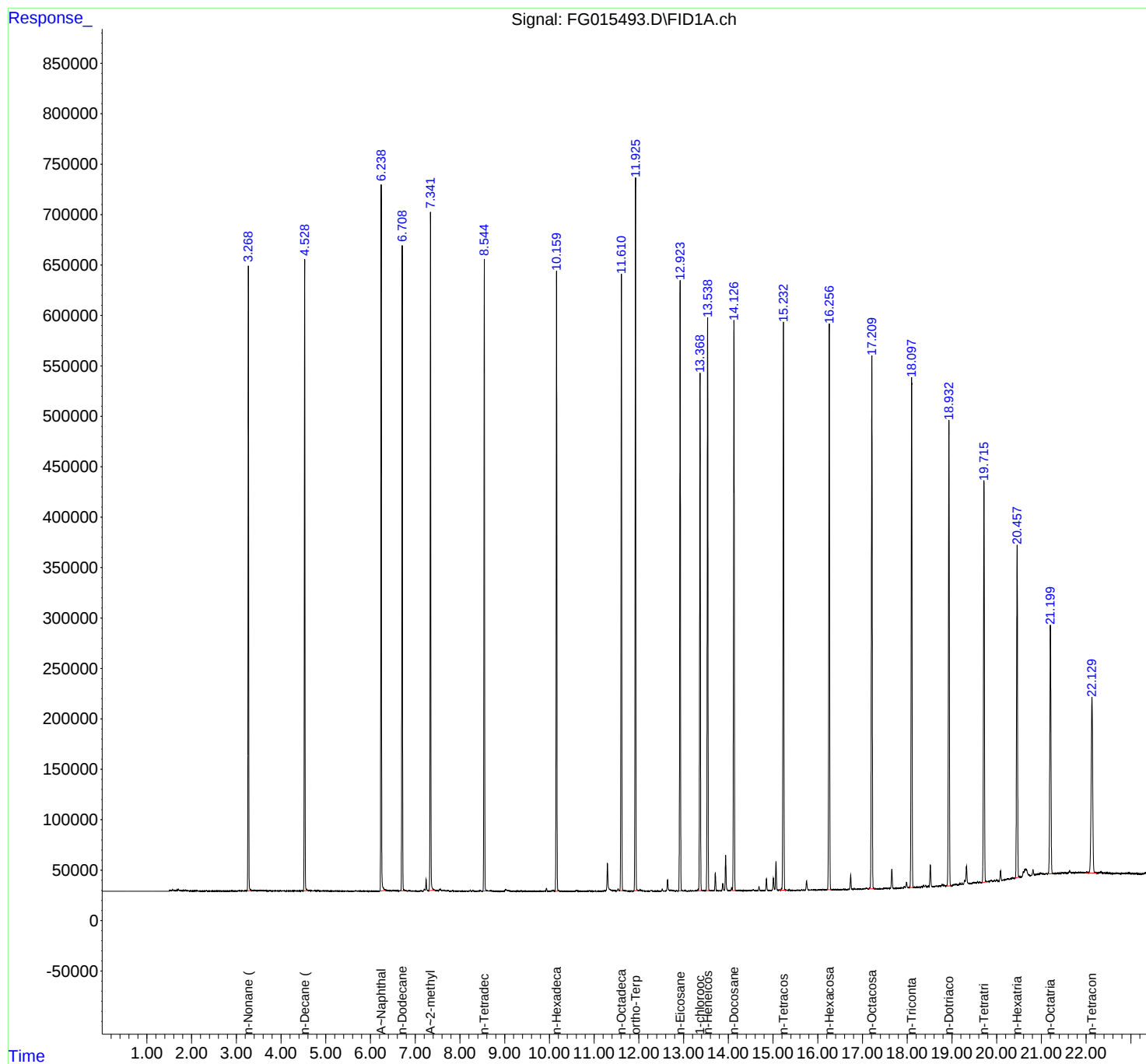
(m)=manual int.

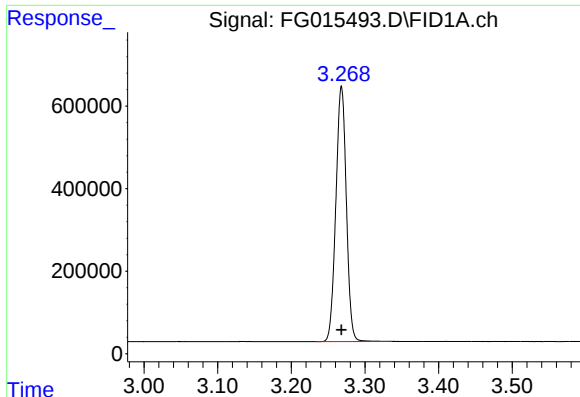
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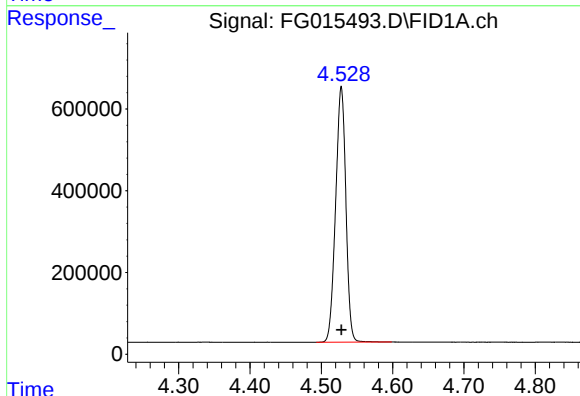




#1 n-Nonane (C9)

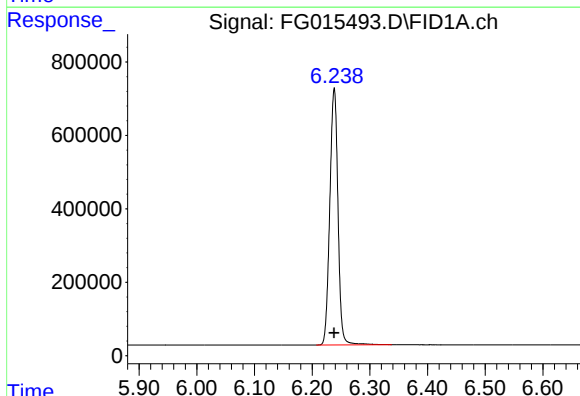
R.T.: 3.268 min
Delta R.T.: 0.000 min
Response: 6111228
Conc: 48.85 ug/ml

Instrument :
FID_G
ClientSampleId :



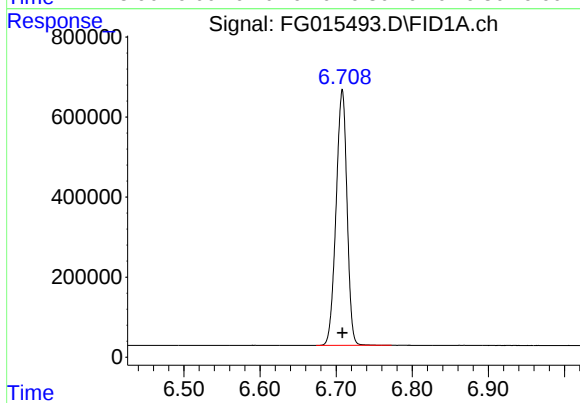
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 6240003
Conc: 48.78 ug/ml



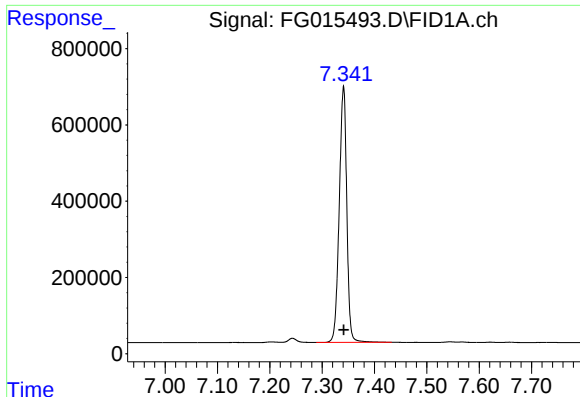
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 6873581
Conc: 48.82 ug/ml



#4 n-Dodecane (C12)

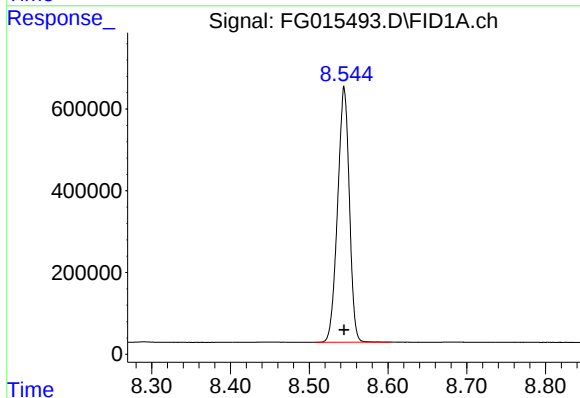
R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 6376602
Conc: 48.61 ug/ml



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

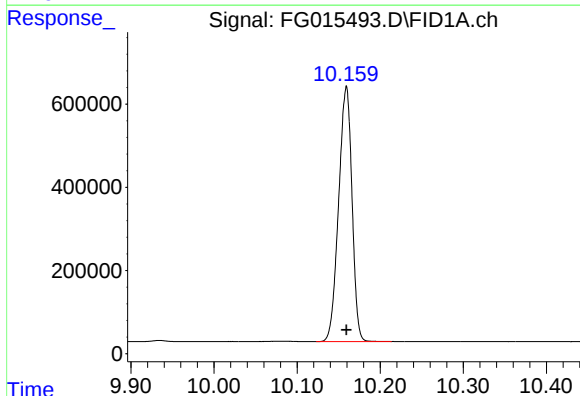
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 6716793
Conc: 48.84 ug/ml

Instrument :
FID_G
ClientSampleId :



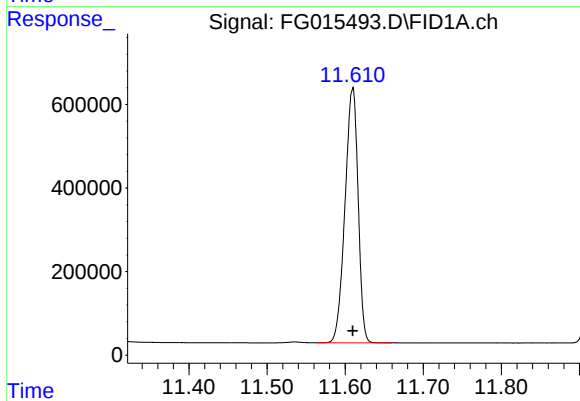
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: 0.000 min
Response: 6466072
Conc: 48.57 ug/ml



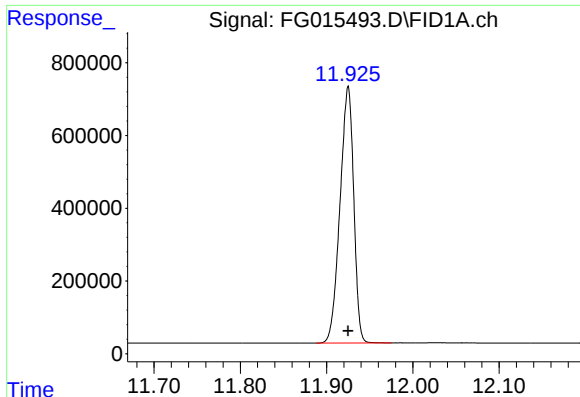
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.000 min
Response: 6851529
Conc: 48.56 ug/ml



#8 n-Octadecane (C18)

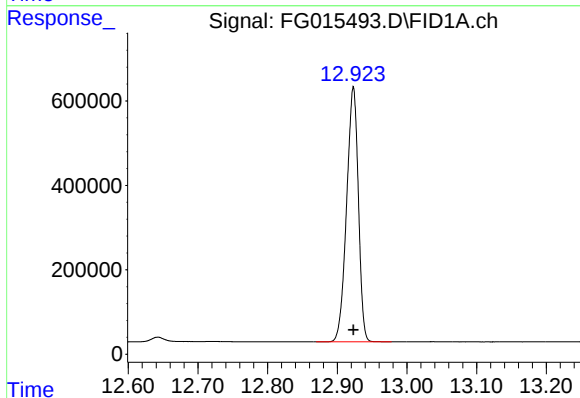
R.T.: 11.610 min
Delta R.T.: 0.000 min
Response: 7114227
Conc: 48.63 ug/ml



#9 ortho-Terphenyl (SURR)

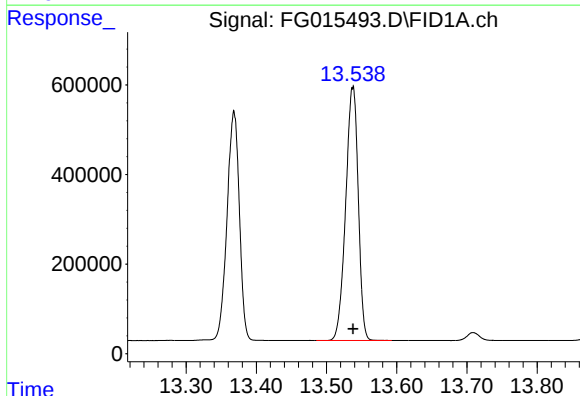
R.T.: 11.925 min
Delta R.T.: 0.000 min
Response: 7789921
Conc: 48.65 ug/ml

Instrument :
FID_G
ClientSampleId :



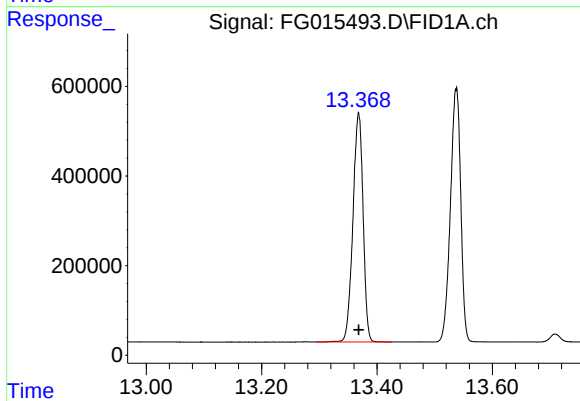
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 7056304
Conc: 48.71 ug/ml



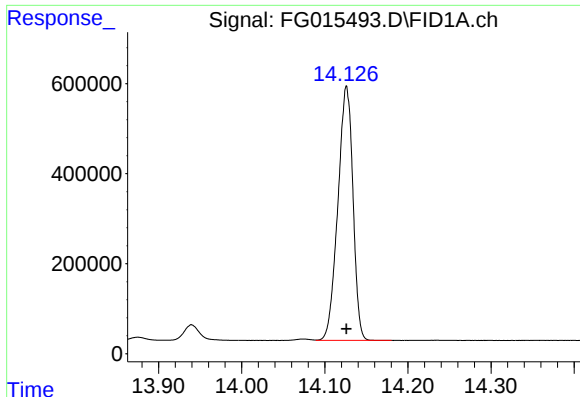
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.000 min
Response: 7027910
Conc: 48.74 ug/ml



#12 1-chlorooctadecane (SURR)

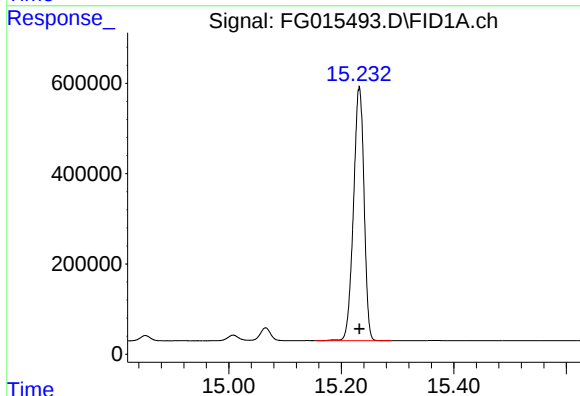
R.T.: 13.368 min
Delta R.T.: 0.000 min
Response: 6254429
Conc: 48.69 ug/ml



#13 n-Docosane (C22)

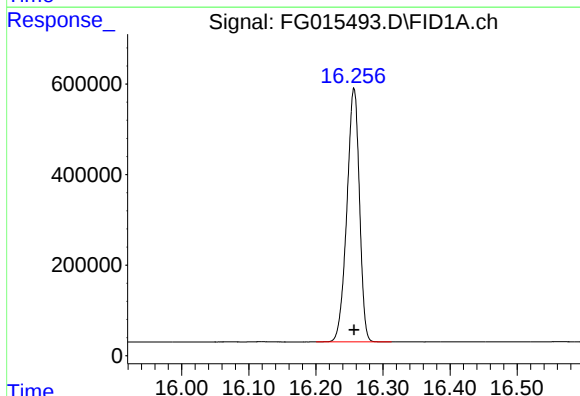
R.T.: 14.126 min
Delta R.T.: 0.000 min
Response: 7123345
Conc: 48.93 ug/ml

Instrument :
FID_G
ClientSampleId :



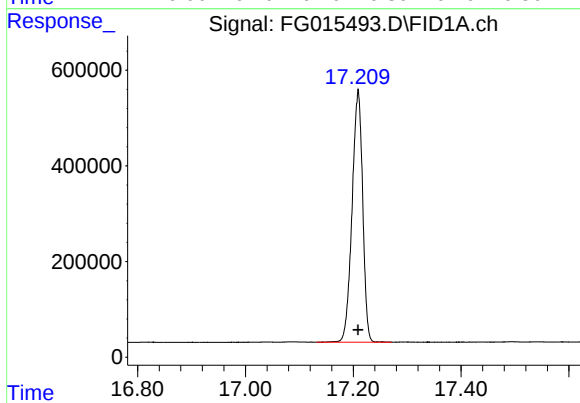
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: 0.000 min
Response: 7315602
Conc: 49.16 ug/ml



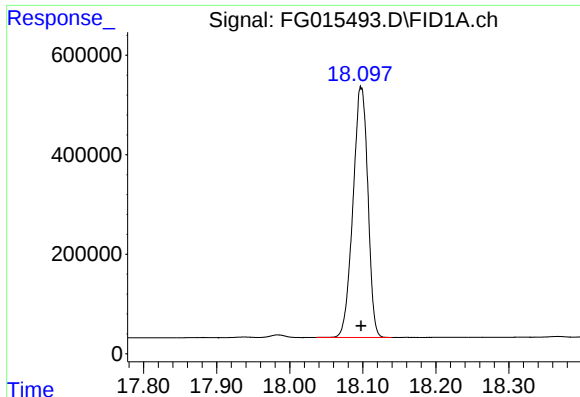
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: 0.000 min
Response: 7293273
Conc: 49.20 ug/ml



#16 n-Octacosane (C28)

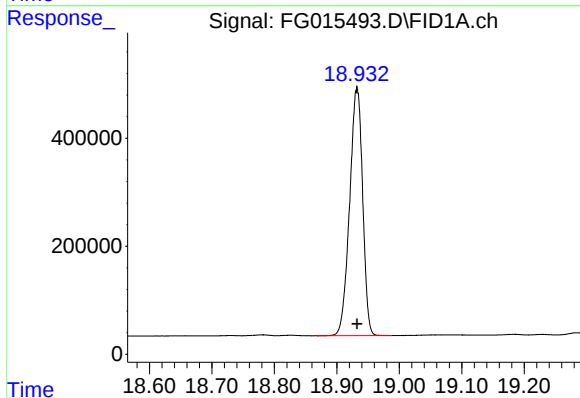
R.T.: 17.209 min
Delta R.T.: 0.000 min
Response: 7169752
Conc: 49.04 ug/ml



#17 n-Tricontane (C30)

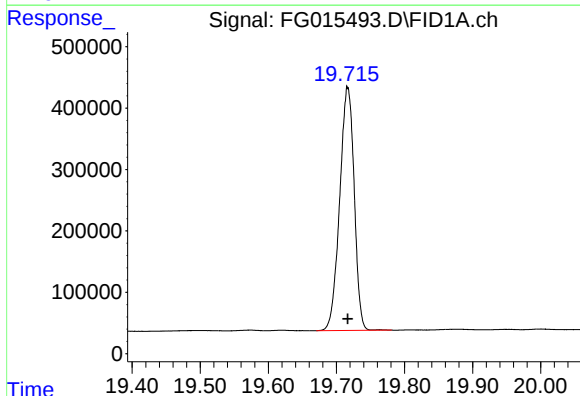
R.T.: 18.098 min
Delta R.T.: 0.000 min
Response: 7118748
Conc: 48.37 ug/ml

Instrument :
FID_G
ClientSampleId :



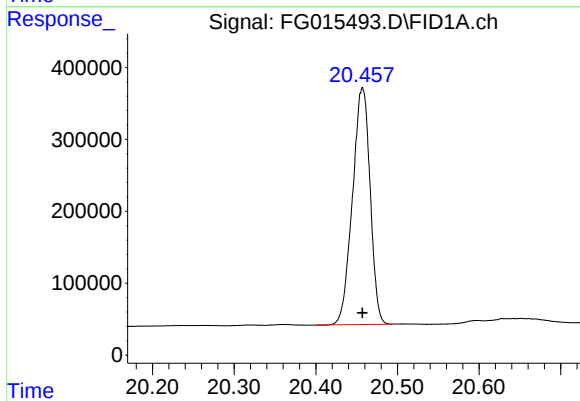
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.000 min
Response: 6648253
Conc: 47.99 ug/ml



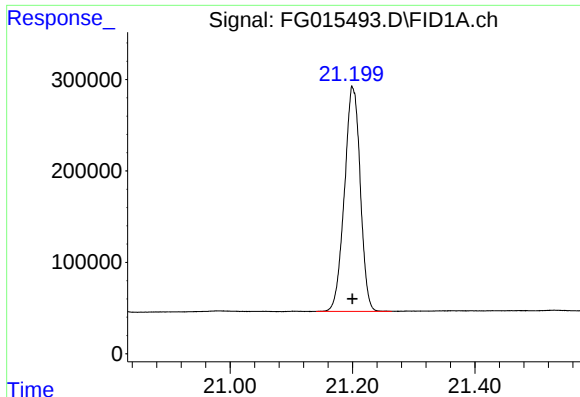
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.000 min
Response: 5861029
Conc: 48.00 ug/ml



#20 n-Hexatriacontane (C36)

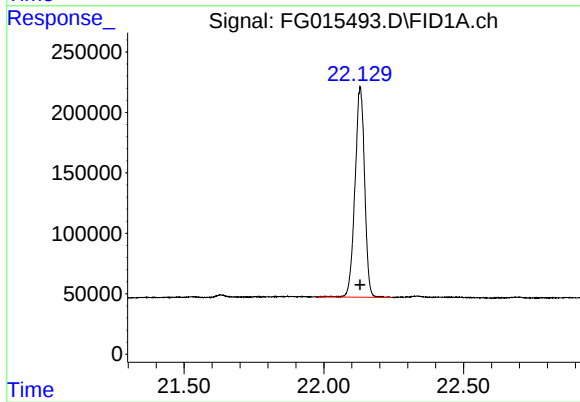
R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 4940846
Conc: 48.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.000 min
Response: 4413616
Conc: 48.47 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.000 min
Response: 4167524
Conc: 49.10 ug/ml