

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017022.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 21:42
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 01 08:45:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:45:04 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)	12.033	7486359	45.905 ug/ml
Spiked Amount 50.000		Recovery =	91.81%
12) S 1-chlorooctadecane (S...	13.477	5769671	46.690 ug/ml
Spiked Amount 50.000		Recovery =	93.38%
Target Compounds			
1) T n-Nonane (C9)	3.358	5965885	46.140 ug/ml
2) T n-Decane (C10)	4.619	6095425	45.835 ug/ml
3) T A~Naphthalene (C11.7)	6.335	6510479	47.794 ug/ml
4) T n-Dodecane (C12)	6.799	6225956	45.999 ug/ml
5) T A~2-methylnaphthalene...	7.438	6161809	48.886 ug/ml
6) T n-Tetradecane (C14)	8.638	6254442	46.749 ug/ml
7) T n-Hexadecane (C16)	10.256	6571057	47.205 ug/ml
8) T n-Octadecane (C18)	11.710	6799637	46.695 ug/ml
10) T n-Eicosane (C20)	13.028	6685688	46.268 ug/ml
11) T n-Heneicosane (C21)	13.645	6602011	46.086 ug/ml
13) T n-Docosane (C22)	14.235	6632285	46.685 ug/ml
14) T n-Tetracosane (C24)	15.346	6684130	47.358 ug/ml
15) T n-Hexacosane (C26)	16.374	6483936	47.017 ug/ml
16) T n-Octacosane (C28)	17.330	6296648	45.614 ug/ml
17) T n-Tricontane (C30)	18.224	6285808	42.178 ug/ml
18) T n-Dotriacontane (C32)	19.060	6019450	39.881 ug/ml
19) T n-Tetratriacontane (C34)	19.848	5357171	39.673 ug/ml
20) T n-Hexatriacontane (C36)	20.592	4578216	41.579 ug/ml
21) T n-Octatriacontane (C38)	21.365	4088000	42.706 ug/ml
22) T n-Tetracontane (C40)	22.344	3854560	44.967 ug/ml

(f)=RT Delta > 1/2 Window

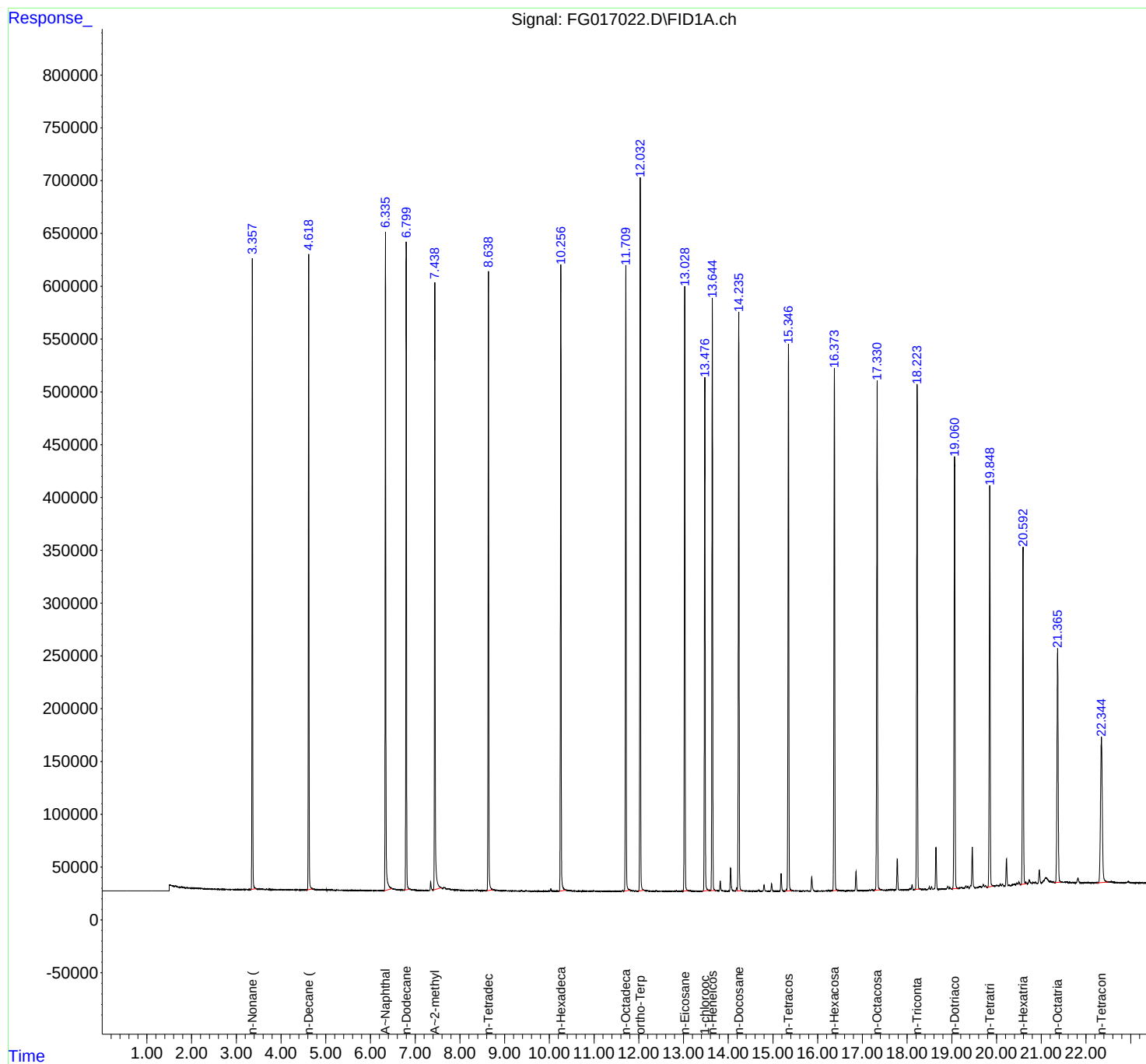
(m)=manual int.

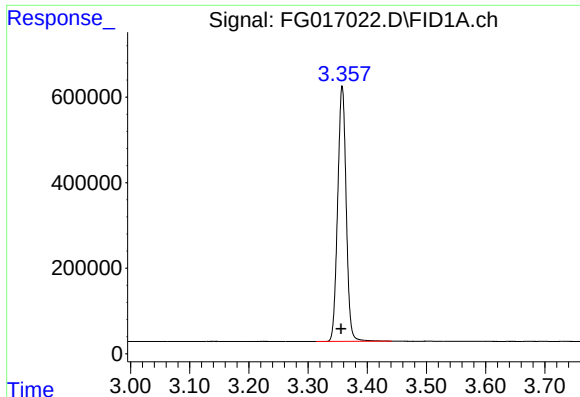
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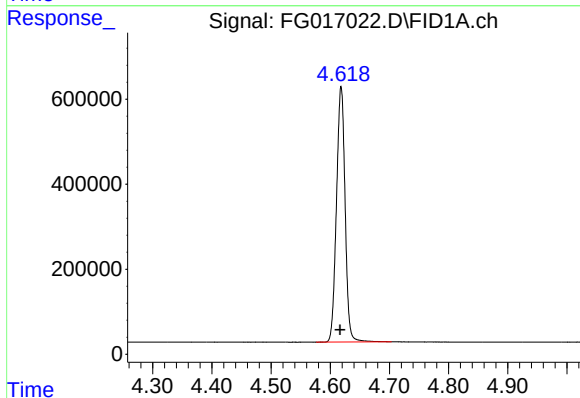




#1 n-Nonane (C9)

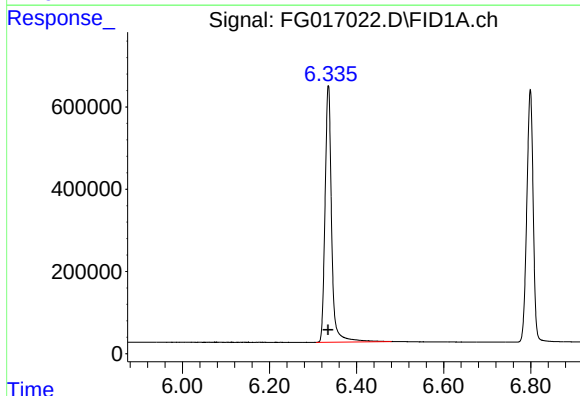
R.T.: 3.358 min
Delta R.T.: 0.002 min
Response: 5965885
Conc: 46.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



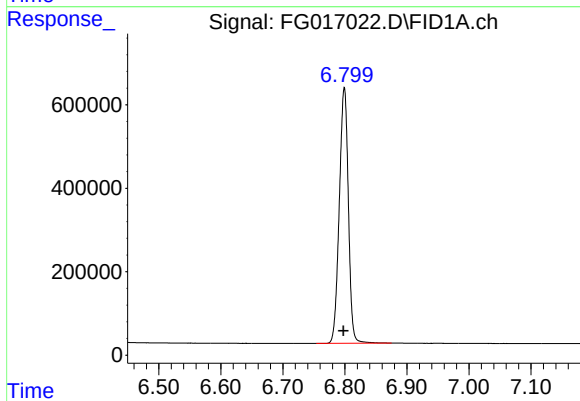
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.002 min
Response: 6095425
Conc: 45.84 ug/ml



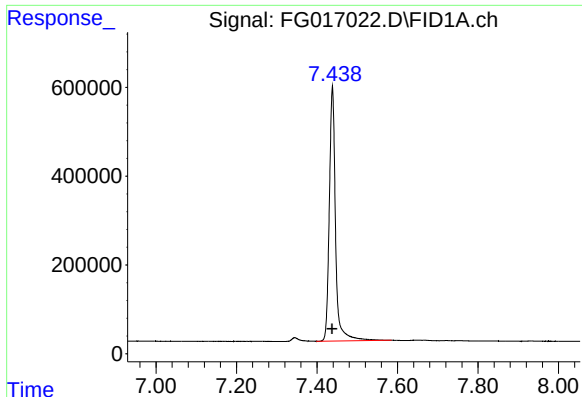
#3 A~Naphthalene (C11.7)

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 6510479
Conc: 47.79 ug/ml



#4 n-Dodecane (C12)

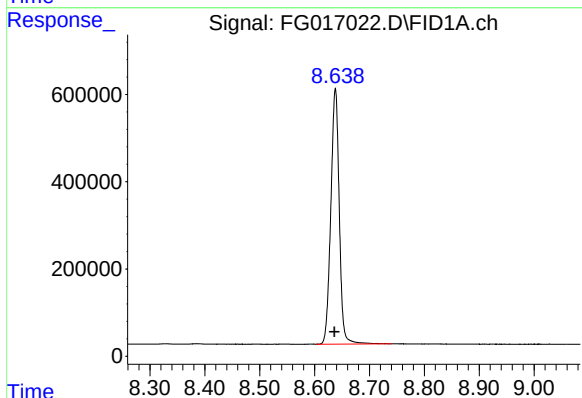
R.T.: 6.799 min
Delta R.T.: 0.002 min
Response: 6225956
Conc: 46.00 ug/ml



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

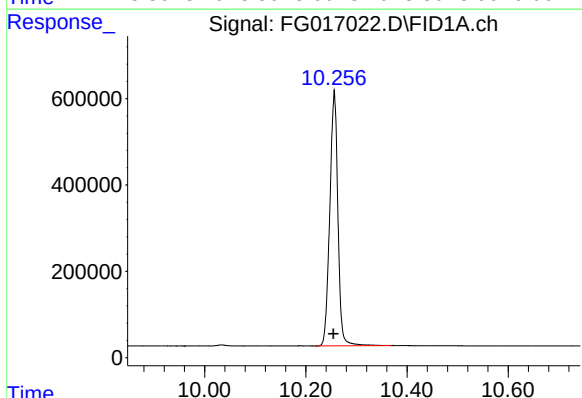
R.T.: 7.438 min
Delta R.T.: 0.001 min
Response: 6161809
Conc: 48.89 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



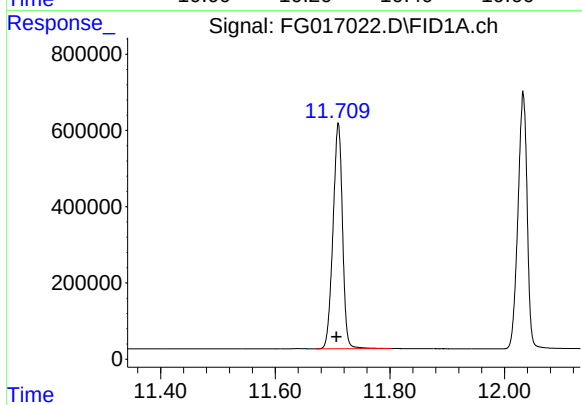
#6 n-Tetradecane (C14)

R.T.: 8.638 min
Delta R.T.: 0.002 min
Response: 6254442
Conc: 46.75 ug/ml



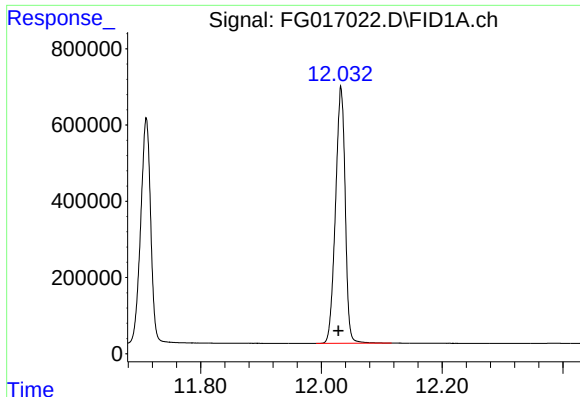
#7 n-Hexadecane (C16)

R.T.: 10.256 min
Delta R.T.: 0.002 min
Response: 6571057
Conc: 47.20 ug/ml



#8 n-Octadecane (C18)

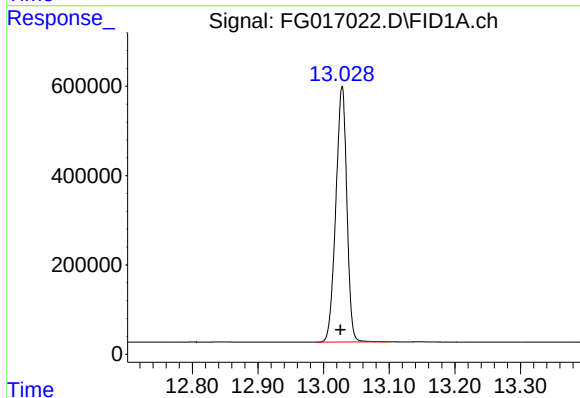
R.T.: 11.710 min
Delta R.T.: 0.004 min
Response: 6799637
Conc: 46.70 ug/ml



#9 ortho-Terphenyl (SURR)

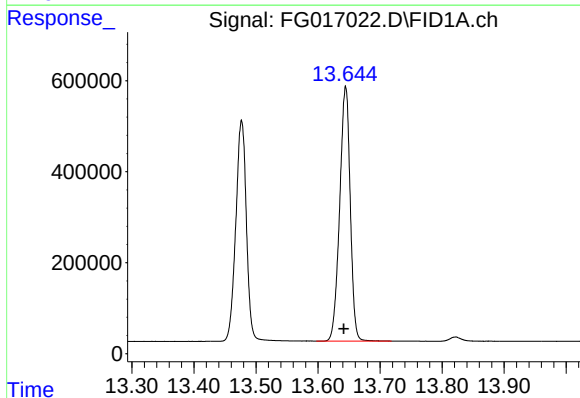
R.T.: 12.033 min
Delta R.T.: 0.004 min
Response: 7486359
Conc: 45.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



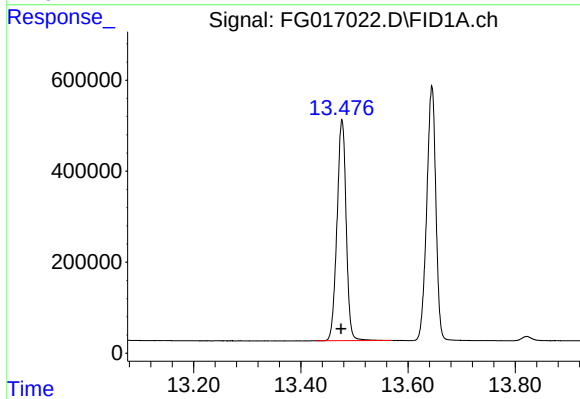
#10 n-Eicosane (C20)

R.T.: 13.028 min
Delta R.T.: 0.003 min
Response: 6685688
Conc: 46.27 ug/ml



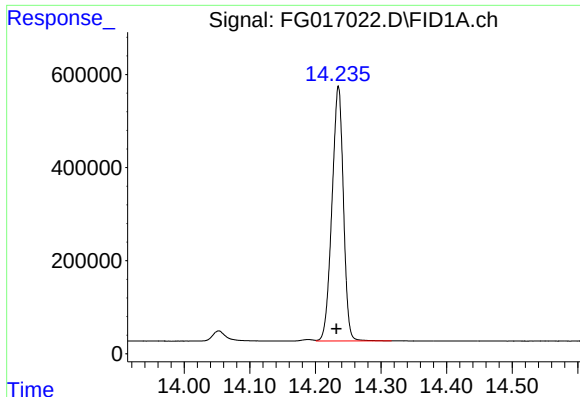
#11 n-Heneicosane (C21)

R.T.: 13.645 min
Delta R.T.: 0.003 min
Response: 6602011
Conc: 46.09 ug/ml



#12 1-chlorooctadecane (SURR)

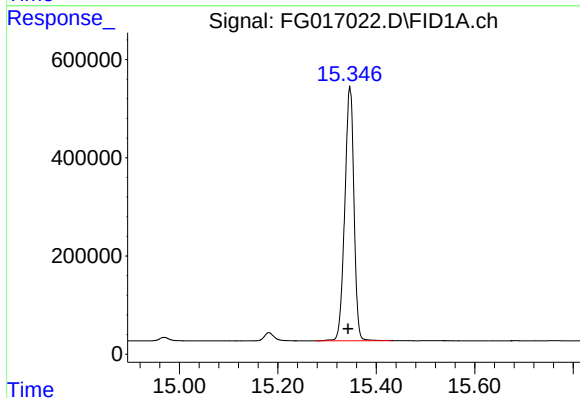
R.T.: 13.477 min
Delta R.T.: 0.002 min
Response: 5769671
Conc: 46.69 ug/ml



#13 n-Docosane (C22)

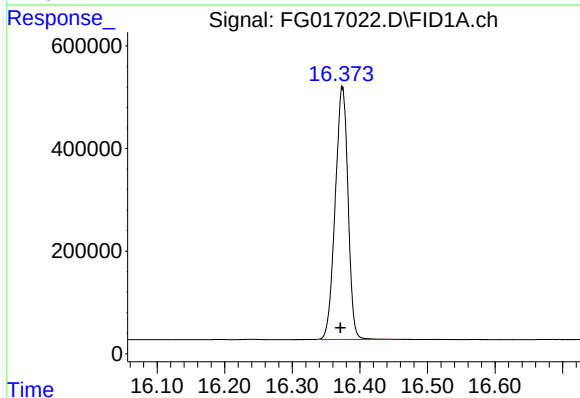
R.T.: 14.235 min
Delta R.T.: 0.003 min
Response: 6632285
Conc: 46.68 ug/ml

Instrument :
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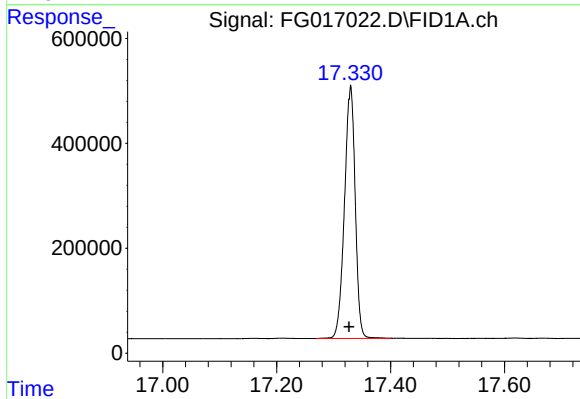
#14 n-Tetracosane (C24)

R.T.: 15.346 min
Delta R.T.: 0.004 min
Response: 6684130
Conc: 47.36 ug/ml



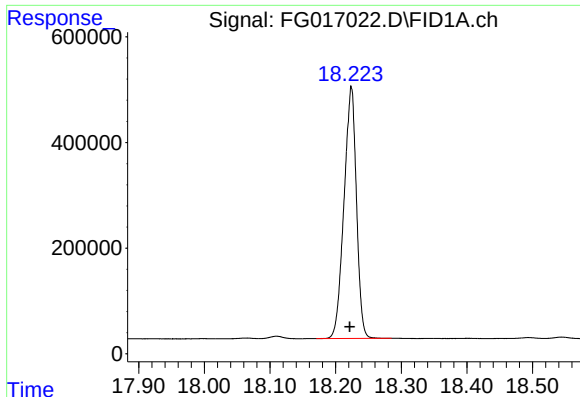
#15 n-Hexacosane (C26)

R.T.: 16.374 min
Delta R.T.: 0.003 min
Response: 6483936
Conc: 47.02 ug/ml



#16 n-Octacosane (C28)

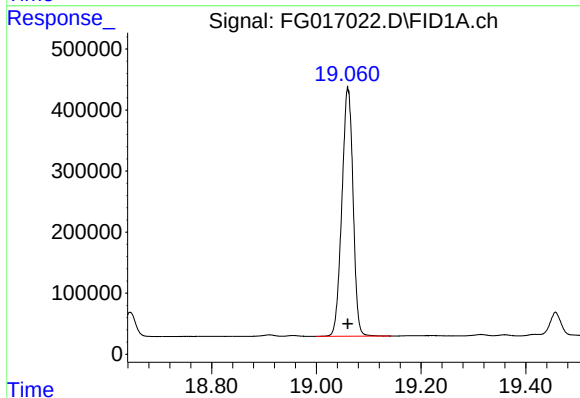
R.T.: 17.330 min
Delta R.T.: 0.003 min
Response: 6296648
Conc: 45.61 ug/ml



#17 n-Tricontane (C30)

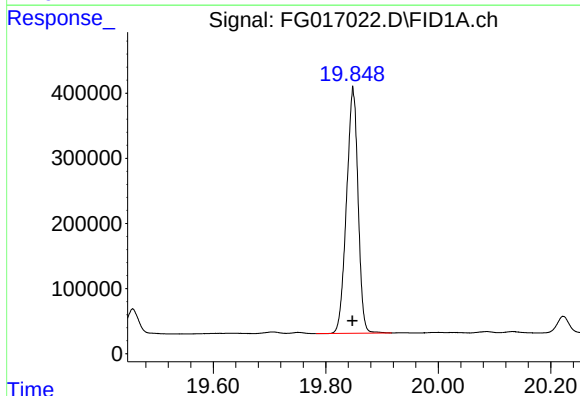
R.T.: 18.224 min
Delta R.T.: 0.003 min
Response: 6285808
Conc: 42.18 ug/ml

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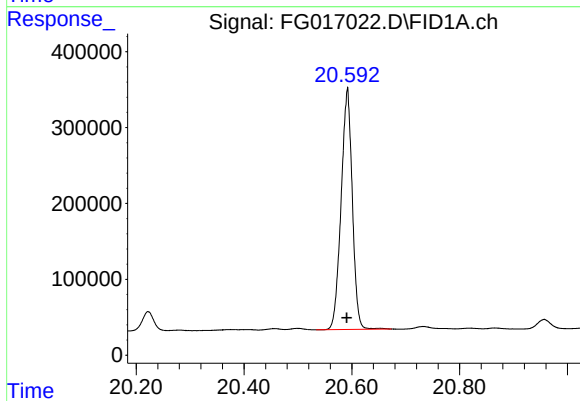
#18 n-Dotriacontane (C32)

R.T.: 19.060 min
Delta R.T.: 0.000 min
Response: 6019450
Conc: 39.88 ug/ml



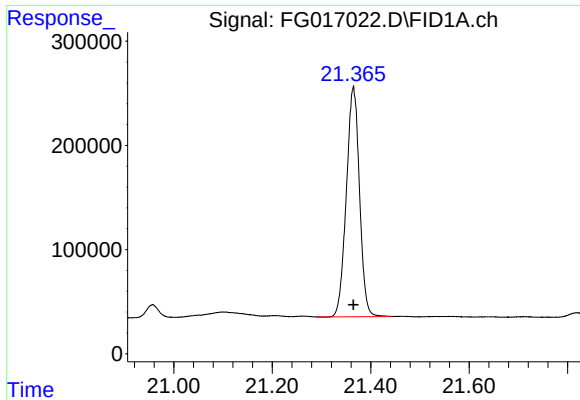
#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: 0.000 min
Response: 5357171
Conc: 39.67 ug/ml



#20 n-Hexatriacontane (C36)

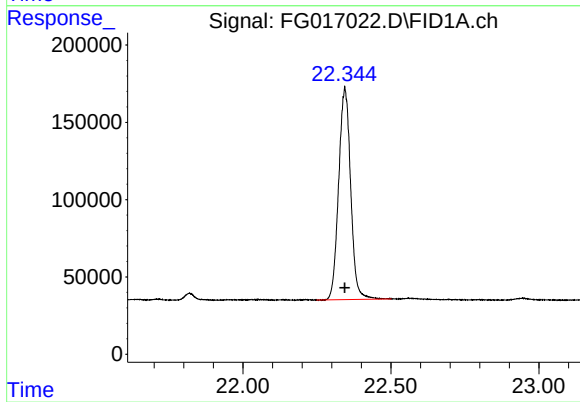
R.T.: 20.592 min
Delta R.T.: 0.001 min
Response: 4578216
Conc: 41.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.365 min
Delta R.T.: 0.000 min
Response: 4088000
Conc: 42.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.344 min
Delta R.T.: 0.000 min
Response: 3854560
Conc: 44.97 ug/ml