

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101023AL\
 Data File : FG013061.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 09:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 11 00:11:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 2023
 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)	11.990	2913095	21.656 ug/ml
Spiked Amount 50.000		Recovery =	43.31%
12) S 1-chlorooctadecane (S...	13.431	2179665	21.628 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
Target Compounds			
1) T n-Nonane (C9)	3.345	2556354	21.401 ug/ml
2) T n-Decane (C10)	4.597	2619411	21.486 ug/ml
3) T A~Naphthalene (C11.7)	6.310	2786718	21.531 ug/ml
4) T n-Dodecane (C12)	6.771	2610753	21.418 ug/ml
5) T A~2-methylnaphthalene...	7.410	2672779	21.496 ug/ml
6) T n-Tetradecane (C14)	8.606	2556791	21.372 ug/ml
7) T n-Hexadecane (C16)	10.220	2628934	21.485 ug/ml
8) T n-Octadecane (C18)	11.670	2641813	21.577 ug/ml
10) T n-Eicosane (C20)	12.984	2519905	21.584 ug/ml
11) T n-Heneicosane (C21)	13.598	2458465	21.529 ug/ml
13) T n-Docosane (C22)	14.186	2455528	21.637 ug/ml
14) T n-Tetracosane (C24)	15.292	2456219	21.697 ug/ml
15) T n-Hexacosane (C26)	16.316	2423272	21.855 ug/ml
16) T n-Octacosane (C28)	17.268	2401888	21.894 ug/ml
17) T n-Tricontane (C30)	18.157	2520838	22.015 ug/ml
18) T n-Dotriacontane (C32)	18.992	2515537	21.913 ug/ml
19) T n-Tetratriacontane (C34)	19.776	2433116	21.746 ug/ml
20) T n-Hexatriacontane (C36)	20.516	2336236	20.486 ug/ml
21) T n-Octatriacontane (C38)	21.277	2330807	20.317 ug/ml
22) T n-Tetracontane (C40)	22.228	2454659	21.205 ug/ml

(f)=RT Delta > 1/2 Window

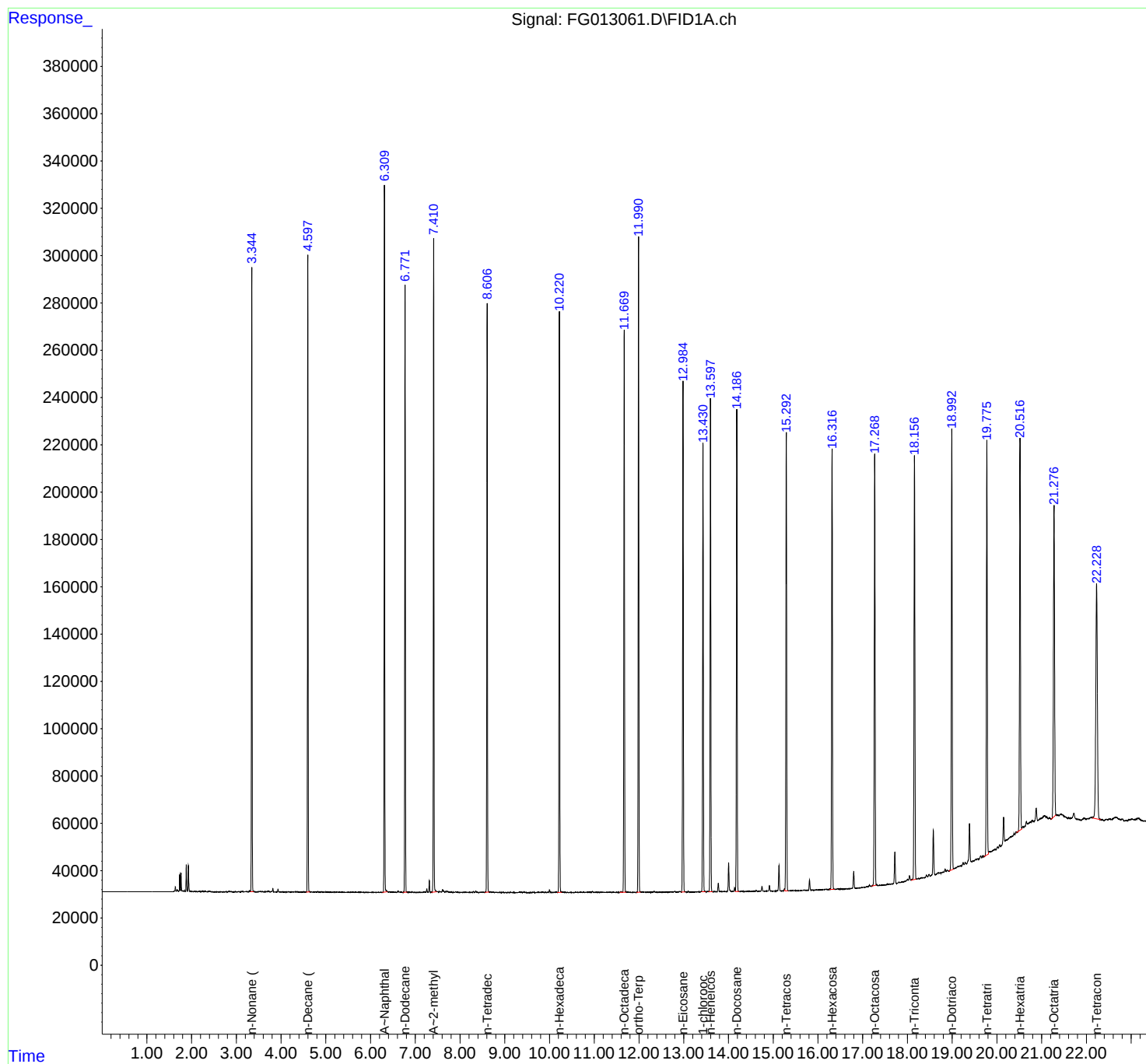
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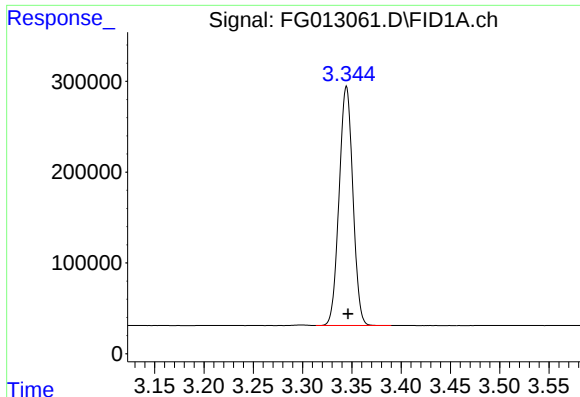
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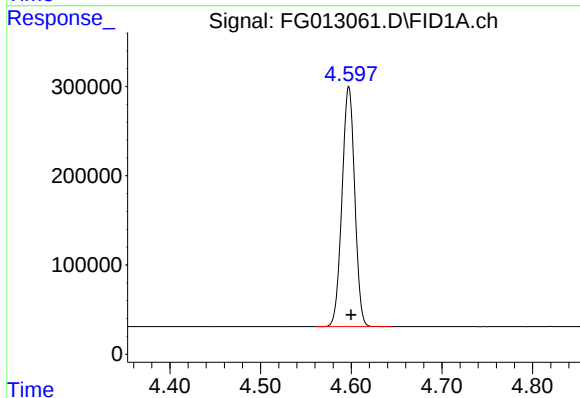




#1 n-Nonane (C9)

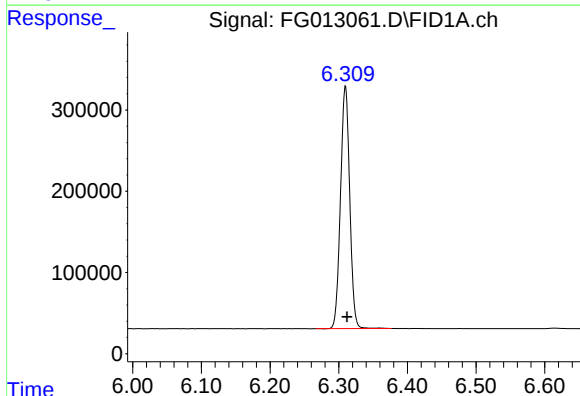
R.T.: 3.345 min
Delta R.T.: -0.001 min
Response: 2556354
Conc: 21.40 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



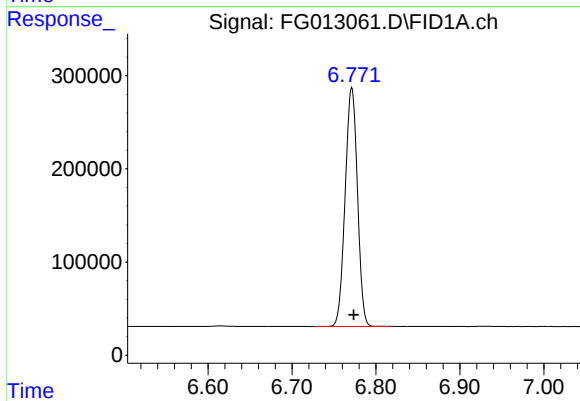
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 2619411
Conc: 21.49 ug/ml



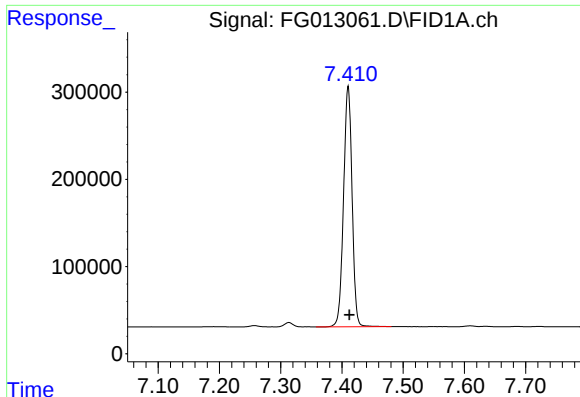
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.003 min
Response: 2786718
Conc: 21.53 ug/ml



#4 n-Dodecane (C12)

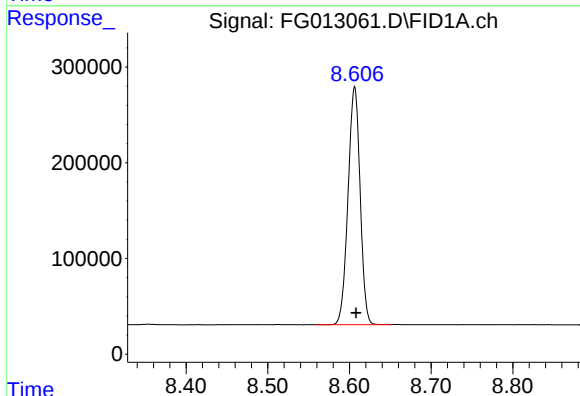
R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 2610753
Conc: 21.42 ug/ml



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

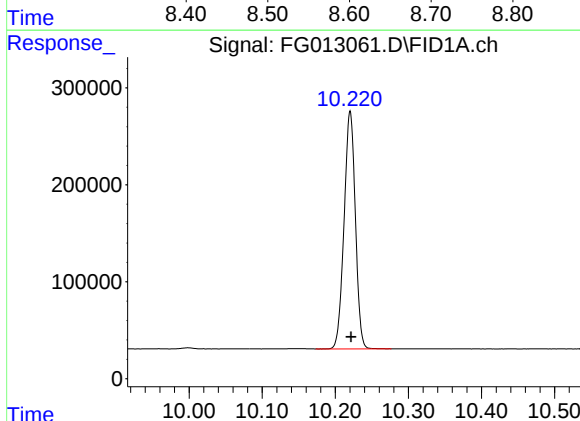
R.T.: 7.410 min
Delta R.T.: -0.002 min
Response: 2672779
Conc: 21.50 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



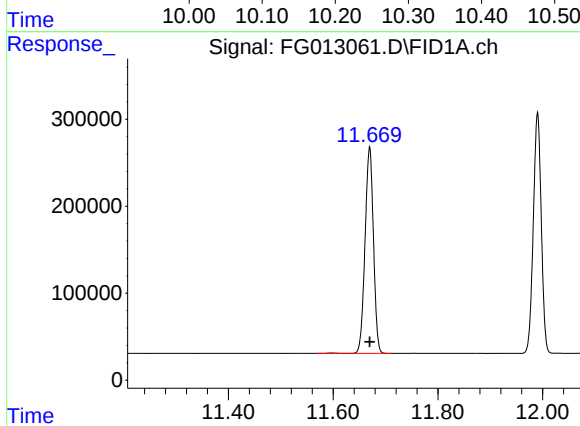
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 2556791
Conc: 21.37 ug/ml



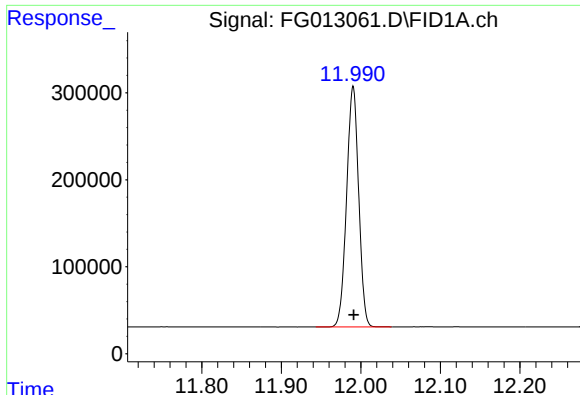
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: -0.001 min
Response: 2628934
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

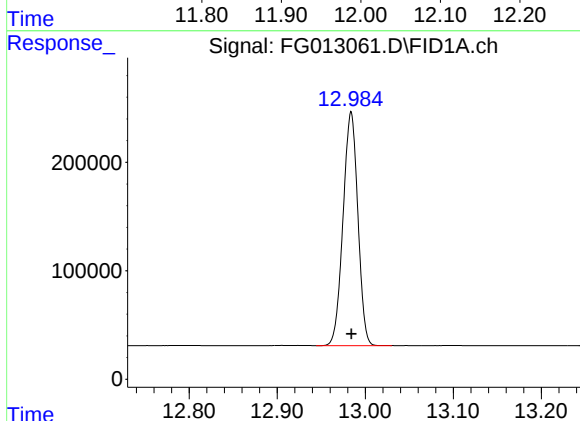
R.T.: 11.670 min
Delta R.T.: 0.000 min
Response: 2641813
Conc: 21.58 ug/ml



#9 ortho-Terphenyl (SURR)

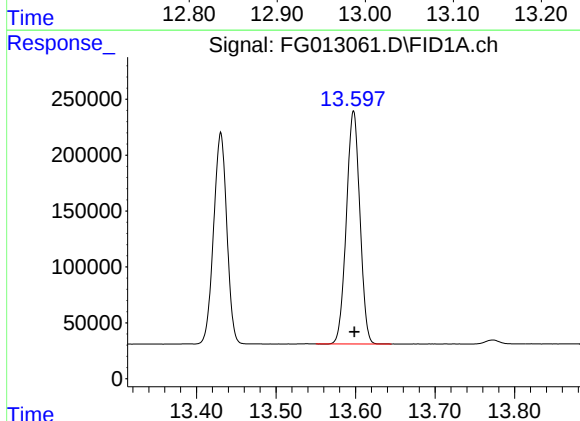
R.T.: 11.990 min
Delta R.T.: 0.000 min
Response: 2913095
Conc: 21.66 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



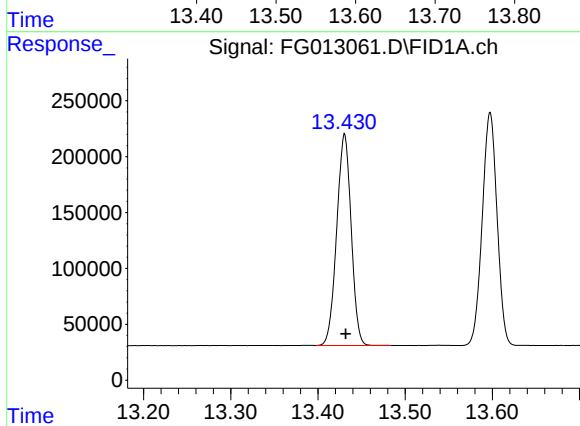
#10 n-Eicosane (C20)

R.T.: 12.984 min
Delta R.T.: 0.000 min
Response: 2519905
Conc: 21.58 ug/ml



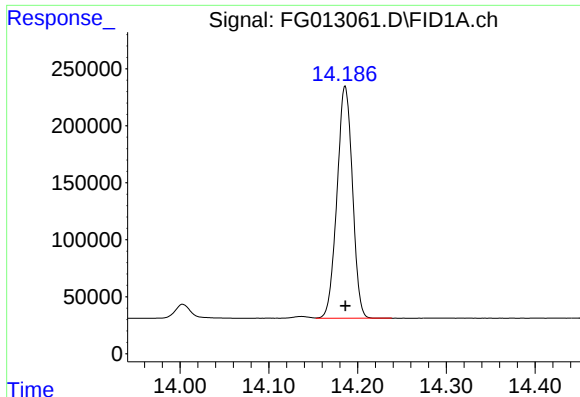
#11 n-Heneicosane (C21)

R.T.: 13.598 min
Delta R.T.: -0.001 min
Response: 2458465
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

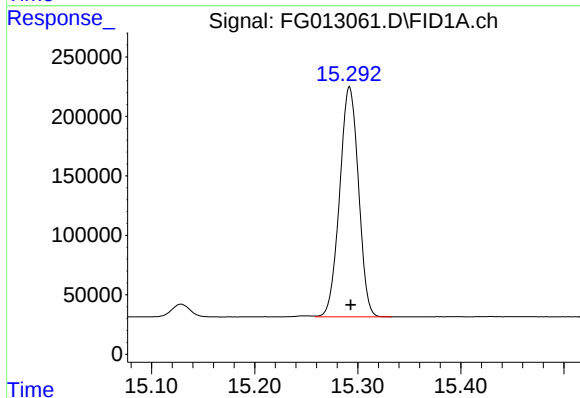
R.T.: 13.431 min
Delta R.T.: -0.001 min
Response: 2179665
Conc: 21.63 ug/ml



#13 n-Docosane (C22)

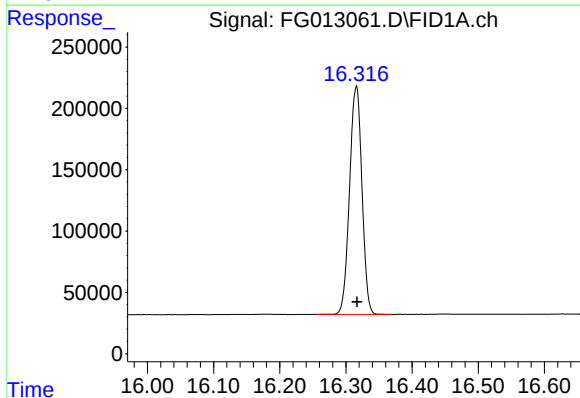
R.T.: 14.186 min
Delta R.T.: 0.000 min
Response: 2455528
Conc: 21.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



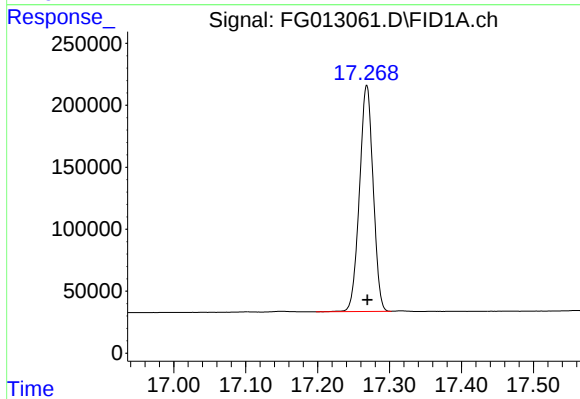
#14 n-Tetracosane (C24)

R.T.: 15.292 min
Delta R.T.: -0.001 min
Response: 2456219
Conc: 21.70 ug/ml



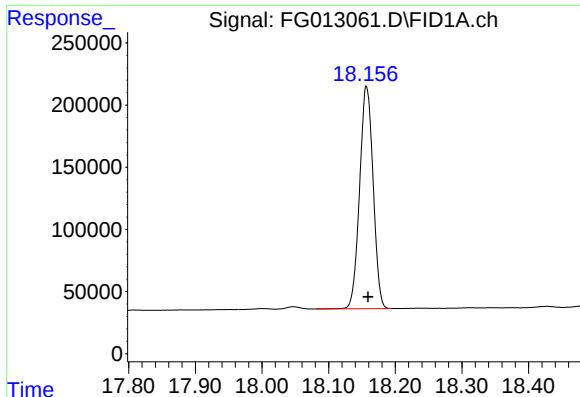
#15 n-Hexacosane (C26)

R.T.: 16.316 min
Delta R.T.: 0.000 min
Response: 2423272
Conc: 21.85 ug/ml



#16 n-Octacosane (C28)

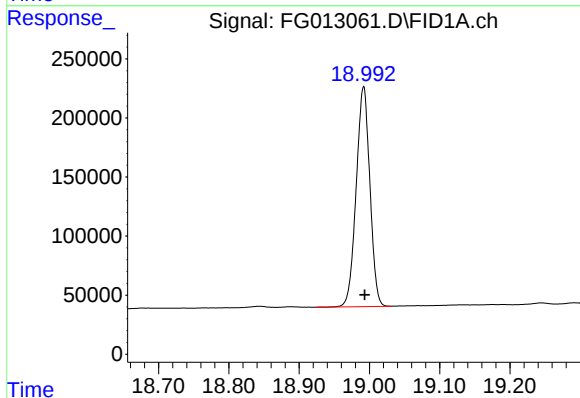
R.T.: 17.268 min
Delta R.T.: 0.000 min
Response: 2401888
Conc: 21.89 ug/ml



#17 n-Tricontane (C30)

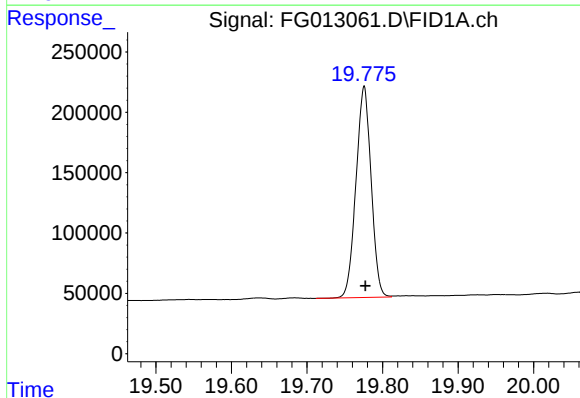
R.T.: 18.157 min
Delta R.T.: -0.002 min
Response: 2520838
Conc: 22.02 ug/ml

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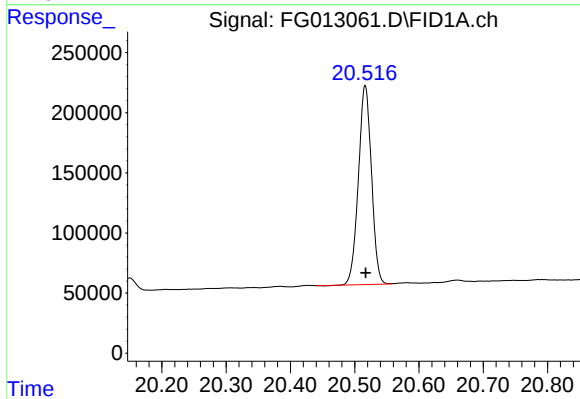
#18 n-Dotriacontane (C32)

R.T.: 18.992 min
Delta R.T.: -0.001 min
Response: 2515537
Conc: 21.91 ug/ml



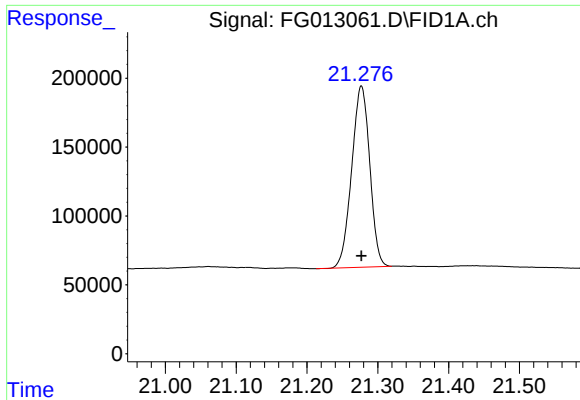
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: -0.002 min
Response: 2433116
Conc: 21.75 ug/ml



#20 n-Hexatriacontane (C36)

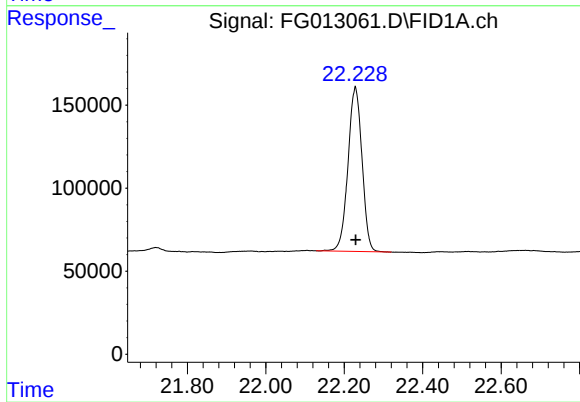
R.T.: 20.516 min
Delta R.T.: 0.000 min
Response: 2336236
Conc: 20.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.277 min
Delta R.T.: 0.000 min
Response: 2330807
Conc: 20.32 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 22.228 min
Delta R.T.: 0.000 min
Response: 2454659
Conc: 21.21 ug/ml