

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091125AL\
 Data File : FG016601.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2025 18:33
 Operator : YP\AJ
 Sample : Q3072-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 30-GARFIELD-PL-COMPMSD

Integration File: autoint1.e
 Quant Time: Sep 12 02:46:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.064	3182621	24.040 ug/ml
Spiked Amount 50.000		Recovery =	48.08%
12) S 1-chlorooctadecane (S...	13.510	3011484	29.918 ug/ml
Spiked Amount 50.000		Recovery =	59.84%
Target Compounds			
1) T n-Nonane (C9)	3.385	3369447	29.784 ug/ml
2) T n-Decane (C10)	4.647	3754418	32.616 ug/ml
3) T A~Naphthalene (C11.7)	6.366	4373163	35.217 ug/ml
4) T n-Dodecane (C12)	6.828	4136095	35.653 ug/ml
5) T A~2-methylnaphthalene...	7.470	4247326	35.607 ug/ml
6) T n-Tetradecane (C14)	8.670	4425954	38.359 ug/ml
7) T n-Hexadecane (C16)	10.288	4845863	40.597 ug/ml
8) T n-Octadecane (C18)	11.742	4823502	39.921 ug/ml
10) T n-Eicosane (C20)	13.063	5107601	43.784 ug/ml
11) T n-Heneicosane (C21)	13.679	4898611	42.618 ug/ml
13) T n-Docosane (C22)	14.269	4854316	42.485 ug/ml
14) T n-Tetracosane (C24)	15.377	10453315	91.898 ug/ml
15) T n-Hexacosane (C26)	16.410	4638047	41.769 ug/ml
16) T n-Octacosane (C28)	17.366	4811154	44.504 ug/ml
17) T n-Tricontane (C30)	18.261	4542728	41.592 ug/ml
18) T n-Dotriacontane (C32)	19.097	4293058	40.833 ug/ml
19) T n-Tetratriacontane (C34)	19.887	4435853	46.192 ug/ml
20) T n-Hexatriacontane (C36)	20.631	4141700	49.527 ug/ml
21) T n-Octatriacontane (C38)	21.416	4148688	53.881 ug/ml
22) T n-Tetracontane (C40)	22.411	4050434	54.519 ug/ml

(f)=RT Delta > 1/2 Window

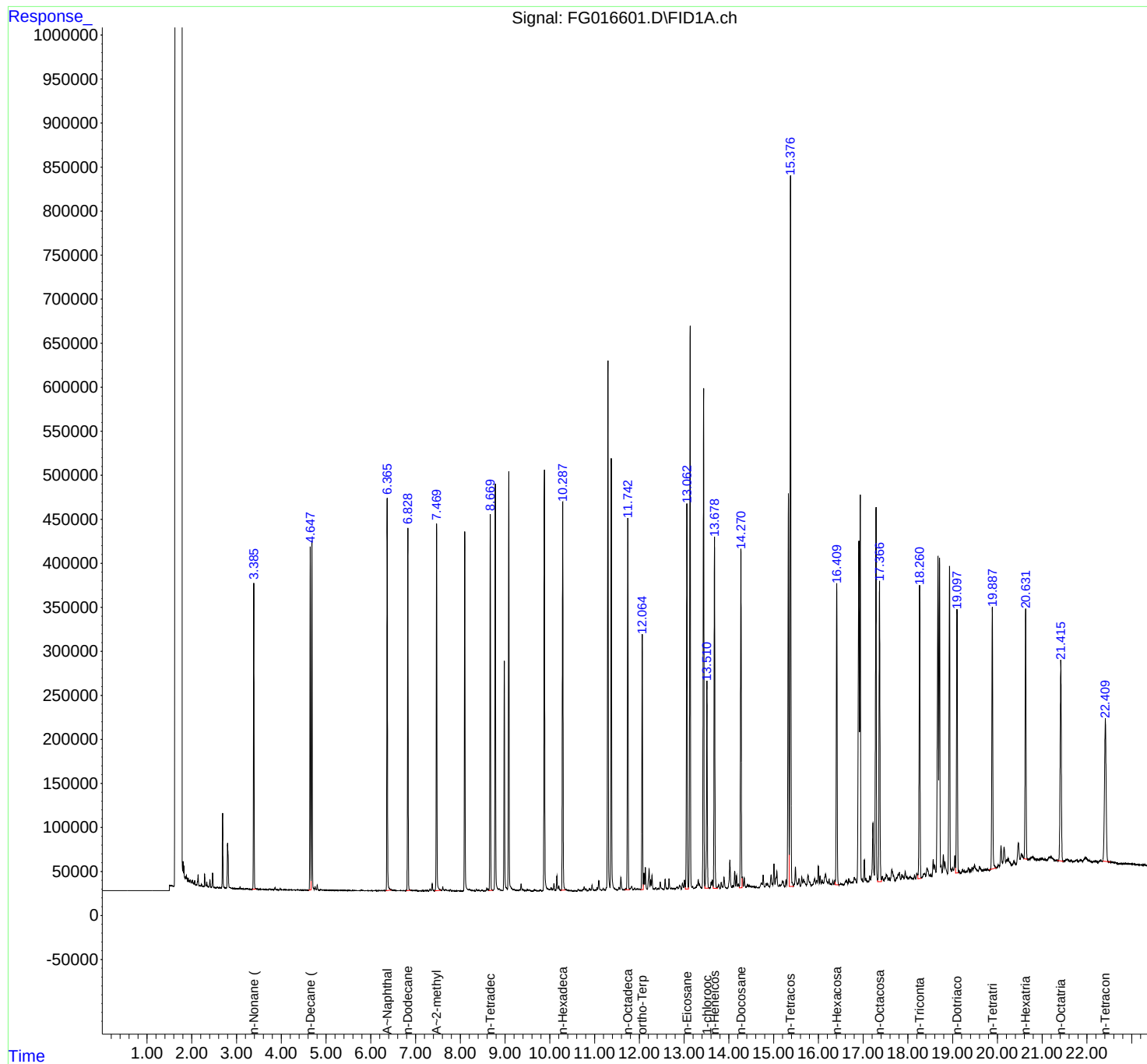
(m)=manual int.

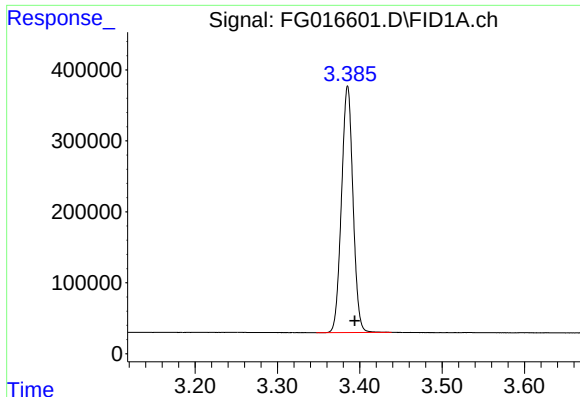
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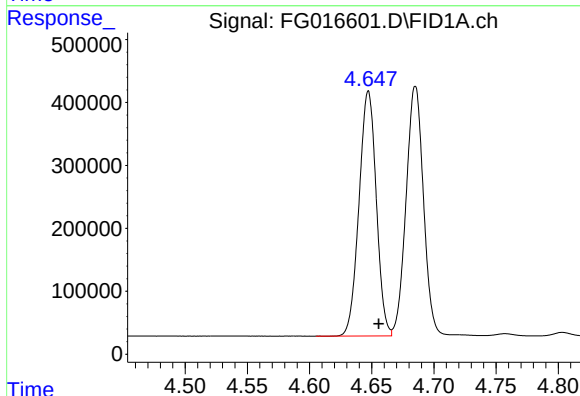




#1 n-Nonane (C9)

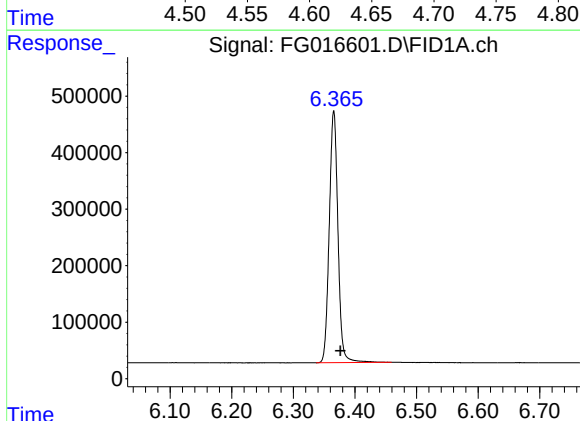
R.T.: 3.385 min
Delta R.T.: -0.009 min
Response: 3369447
Conc: 29.78 ug/ml

Instrument :
FID_G
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30-GARFIELD-PL-COMPMSD



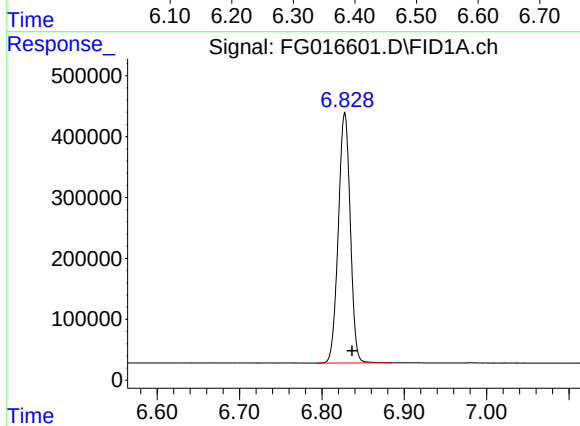
#2 n-Decane (C10)

R.T.: 4.647 min
Delta R.T.: -0.008 min
Response: 3754418
Conc: 32.62 ug/ml



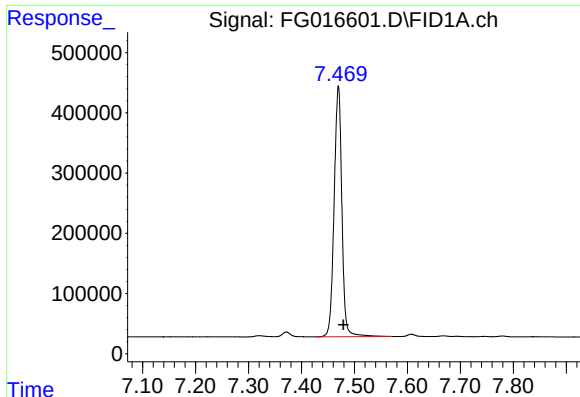
#3 A~Naphthalene (C11.7)

R.T.: 6.366 min
Delta R.T.: -0.011 min
Response: 4373163
Conc: 35.22 ug/ml



#4 n-Dodecane (C12)

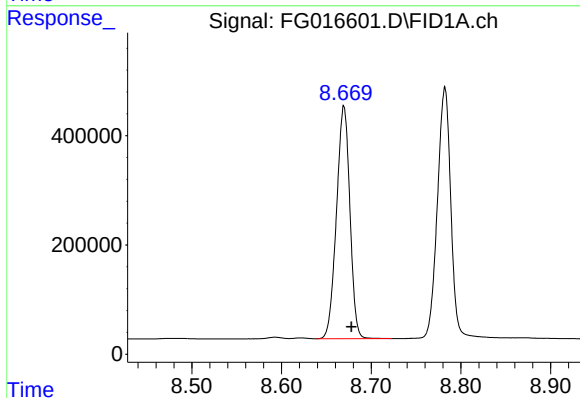
R.T.: 6.828 min
Delta R.T.: -0.009 min
Response: 4136095
Conc: 35.65 ug/ml



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

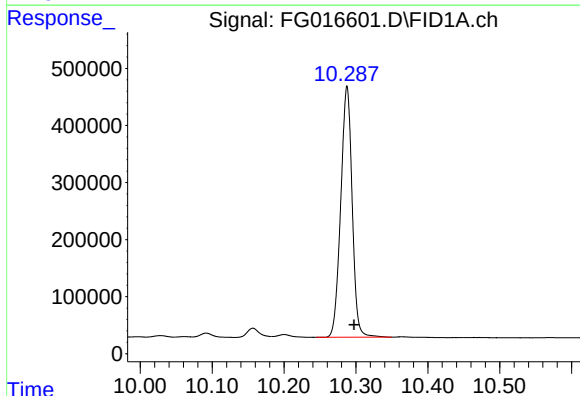
R.T.: 7.470 min
Delta R.T.: -0.009 min
Response: 4247326
Conc: 35.61 ug/ml

Instrument :
FID_G
ClientSampleId :
30-GARFIELD-PL-COMPMSD



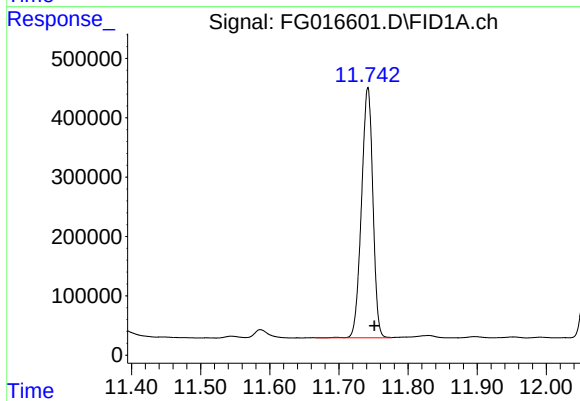
#6 n-Tetradecane (C14)

R.T.: 8.670 min
Delta R.T.: -0.008 min
Response: 4425954
Conc: 38.36 ug/ml



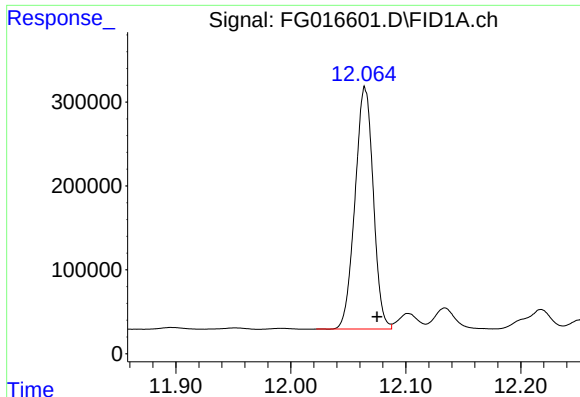
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.010 min
Response: 4845863
Conc: 40.60 ug/ml



#8 n-Octadecane (C18)

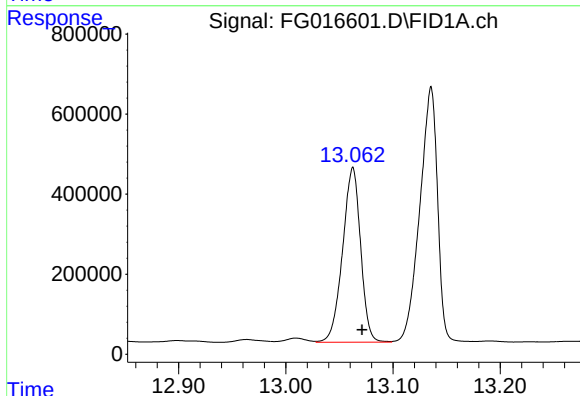
R.T.: 11.742 min
Delta R.T.: -0.009 min
Response: 4823502
Conc: 39.92 ug/ml



#9 ortho-Terphenyl (SURR)

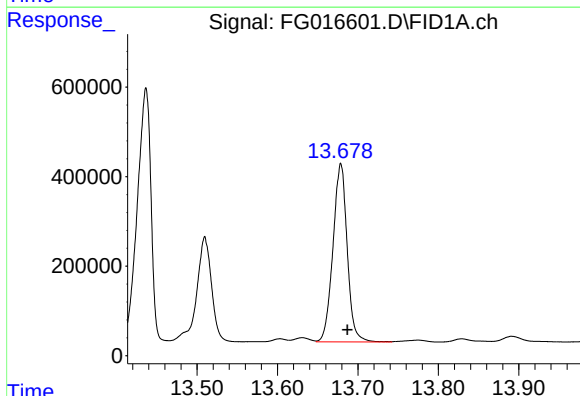
R.T.: 12.064 min
Delta R.T.: -0.010 min
Response: 3182621
Conc: 24.04 ug/ml

Instrument :
FID_G
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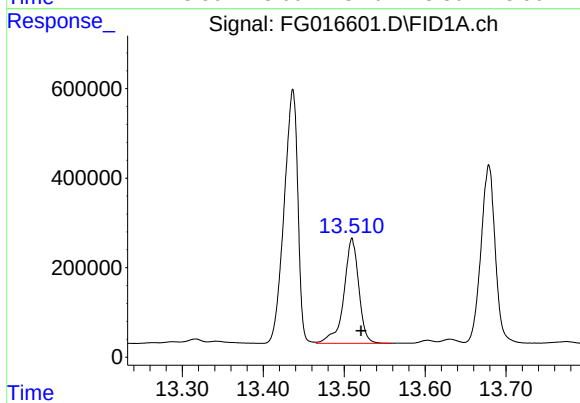
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: -0.009 min
Response: 5107601
Conc: 43.78 ug/ml



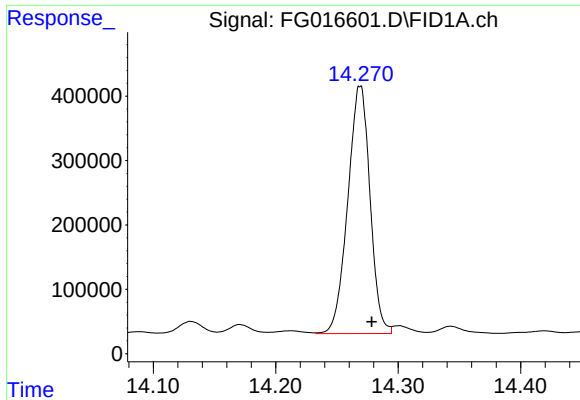
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: -0.008 min
Response: 4898611
Conc: 42.62 ug/ml



#12 1-chlorooctadecane (SURR)

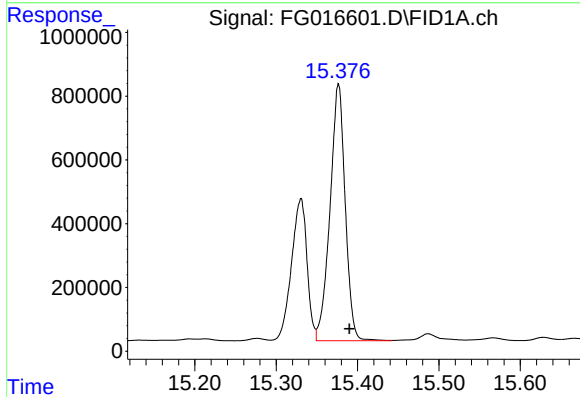
R.T.: 13.510 min
Delta R.T.: -0.011 min
Response: 3011484
Conc: 29.92 ug/ml



#13 n-Docosane (C22)

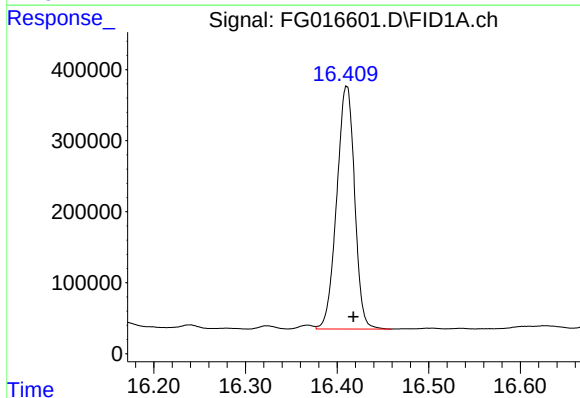
R.T.: 14.269 min
Delta R.T.: -0.009 min
Response: 4854316
Conc: 42.49 ug/ml

Instrument :
FID_G
ClientSampleId :
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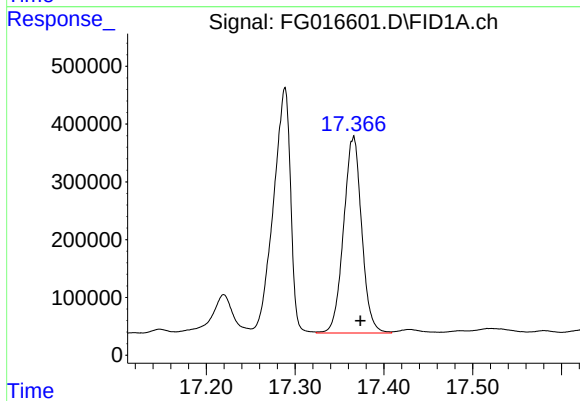
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.013 min
Response: 10453315
Conc: 91.90 ug/ml



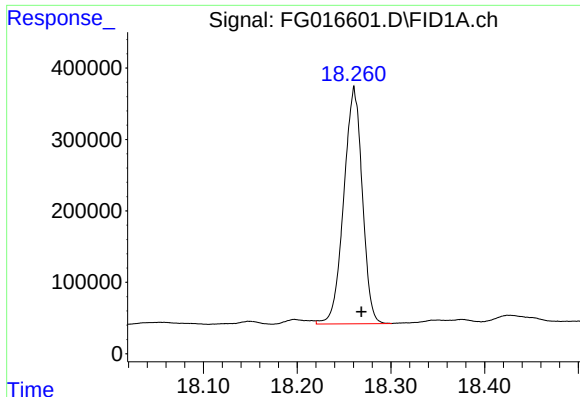
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: -0.007 min
Response: 4638047
Conc: 41.77 ug/ml



#16 n-Octacosane (C28)

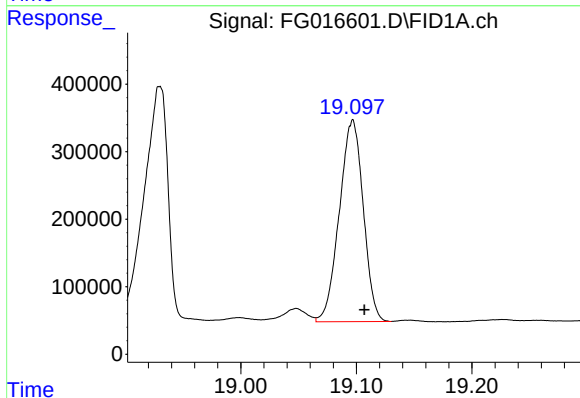
R.T.: 17.366 min
Delta R.T.: -0.008 min
Response: 4811154
Conc: 44.50 ug/ml



#17 n-Tricontane (C30)

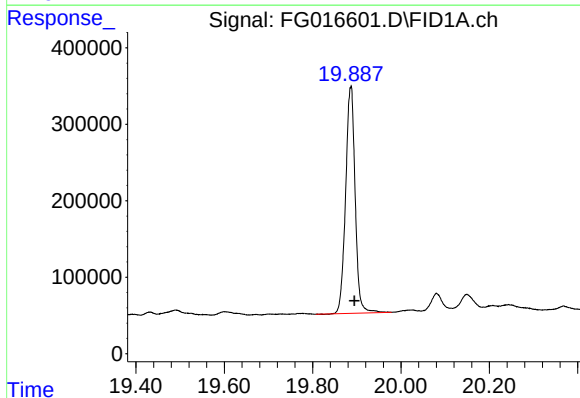
R.T.: 18.261 min
Delta R.T.: -0.008 min
Response: 4542728
Conc: 41.59 ug/ml

Instrument :
FID_G
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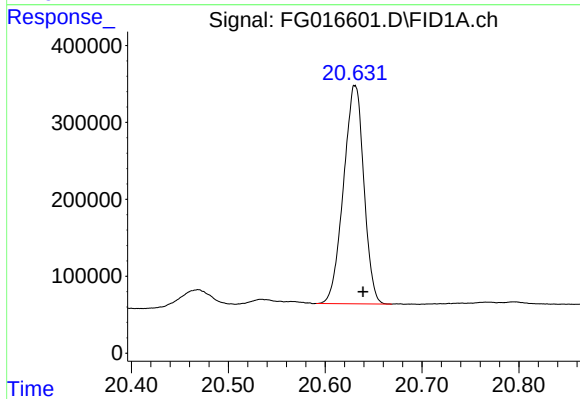
#18 n-Dotriacontane (C32)

R.T.: 19.097 min
Delta R.T.: -0.010 min
Response: 4293058
Conc: 40.83 ug/ml



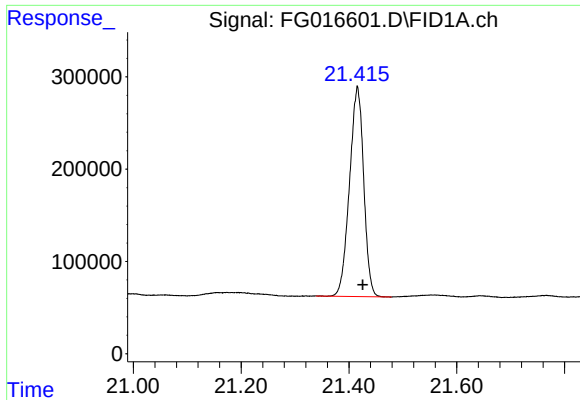
#19 n-Tetratriacontane (C34)

R.T.: 19.887 min
Delta R.T.: -0.008 min
Response: 4435853
Conc: 46.19 ug/ml



#20 n-Hexatriacontane (C36)

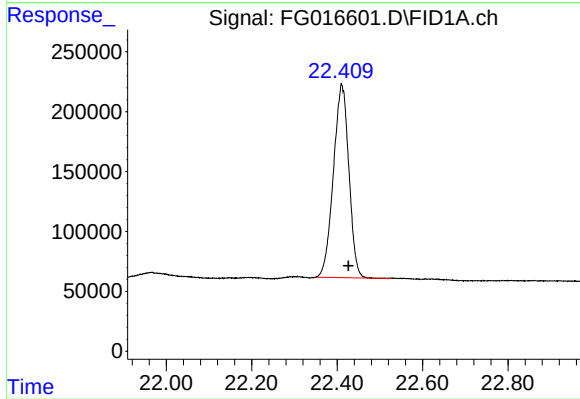
R.T.: 20.631 min
Delta R.T.: -0.008 min
Response: 4141700
Conc: 49.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.416 min
Delta R.T.: -0.010 min
Response: 4148688
Conc: 53.88 ug/ml

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30-GARFIELD-PL-COMPMSD



#22 n-Tetracontane (C40)

R.T.: 22.411 min
Delta R.T.: -0.015 min
Response: 4050434
Conc: 54.52 ug/ml