

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071625AL\
 Data File : FC069461.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jul 2025 16:48
 Operator : YP/AJ
 Sample : PB168879BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168879BSD

Integration File: sample.E
 Quant Time: Jul 17 06:50:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.670	4177882	28.152 ug/ml
Spiked Amount 50.000		Recovery =	56.30%
12) S 1-chlorooctadecane (S...	13.106	4543624	40.205 ug/ml
Spiked Amount 50.000		Recovery =	80.41%
Target Compounds			
1) T n-Nonane (C9)	3.400	2713323	19.939 ug/ml
2) T n-Decane (C10)	4.474	3503248	25.170 ug/ml
3) T A~Naphthalene (C11.7)	6.068	4028848	26.662 ug/ml
4) T n-Dodecane (C12)	6.499	4148955	29.272 ug/ml
5) T A~2-methylnaphthalene...	7.128	4109320	28.128 ug/ml
6) T n-Tetradecane (C14)	8.300	4703756	33.082 ug/ml
7) T n-Hexadecane (C16)	9.903	5279348	36.169 ug/ml
8) T n-Octadecane (C18)	11.348	5425857	37.719 ug/ml
10) T n-Eicosane (C20)	12.661	5652925	42.107 ug/ml
11) T n-Heneicosane (C21)	13.273	5358633	41.254 ug/ml
13) T n-Docosane (C22)	13.860	5281944	41.587 ug/ml
14) T n-Tetracosane (C24)	14.954	8718703	71.434 ug/ml
15) T n-Hexacosane (C26)	15.988	4790941	41.237 ug/ml
16) T n-Octacosane (C28)	16.938	4559984	41.188 ug/ml
17) T n-Tricontane (C30)	17.827	4414947	40.319 ug/ml
18) T n-Dotriacontane (C32)	18.660	4303280	41.469 ug/ml
19) T n-Tetratriacontane (C34)	19.445	4418238	46.889 ug/ml
20) T n-Hexatriacontane (C36)	20.186	4277301	51.784 ug/ml
21) T n-Octatriacontane (C38)	20.953	4349011	57.258 ug/ml
22) T n-Tetracontane (C40)	21.917	4288539	58.548 ug/ml

(f)=RT Delta > 1/2 Window

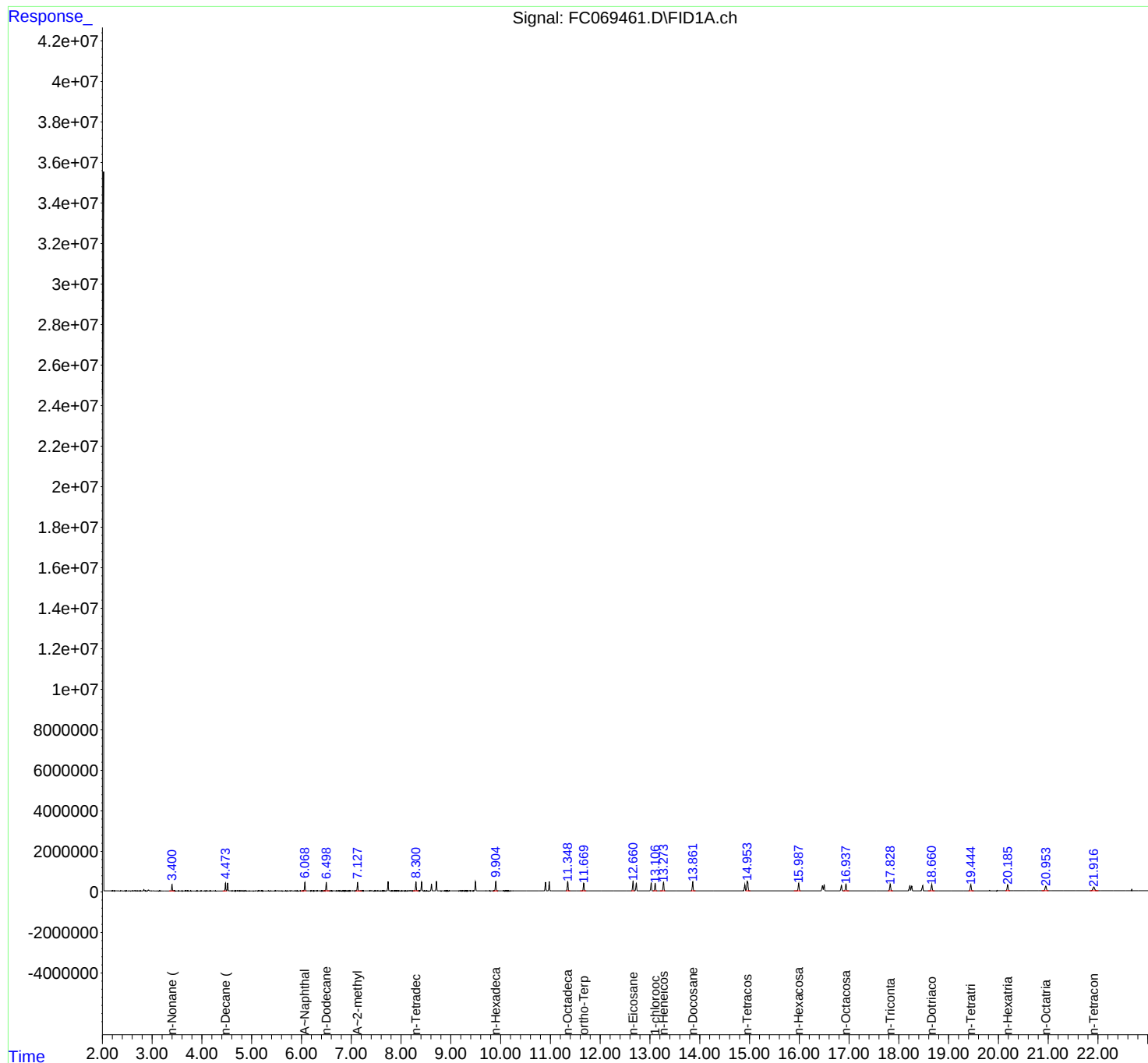
(m)=manual int.

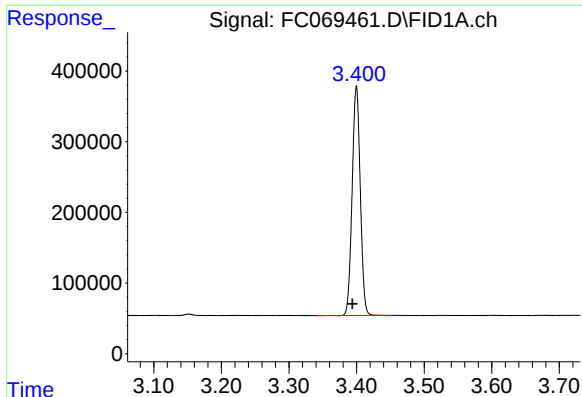
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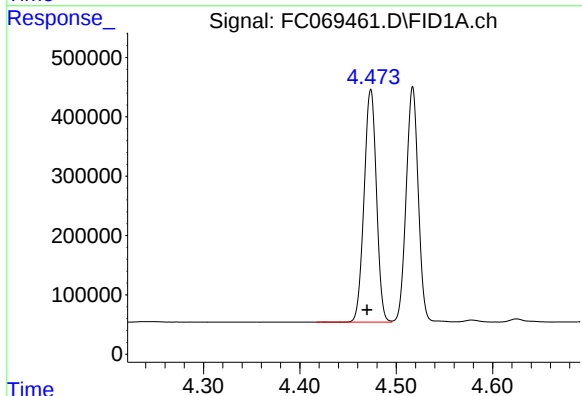




#1 n-Nonane (C9)

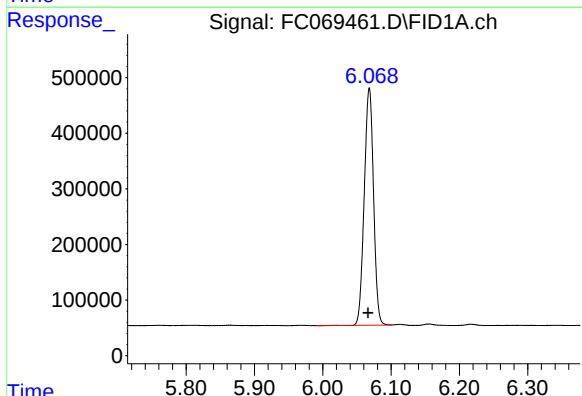
R.T.: 3.400 min
Delta R.T.: 0.006 min
Response: 2713323
Conc: 19.94 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168879BSD



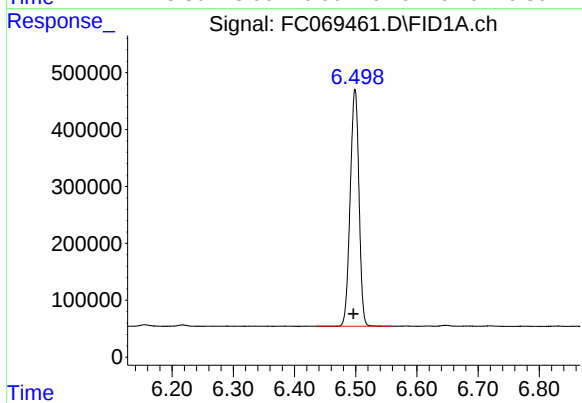
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.004 min
Response: 3503248
Conc: 25.17 ug/ml



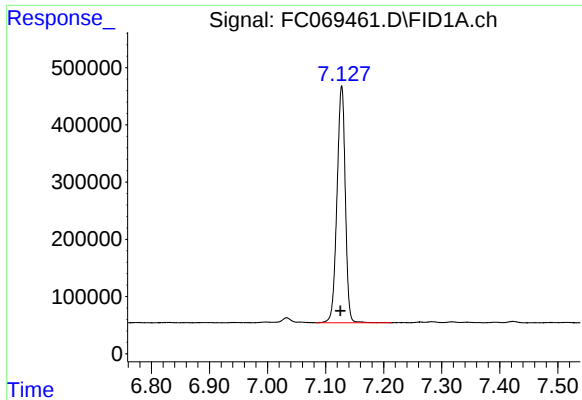
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 4028848
Conc: 26.66 ug/ml



#4 n-Dodecane (C12)

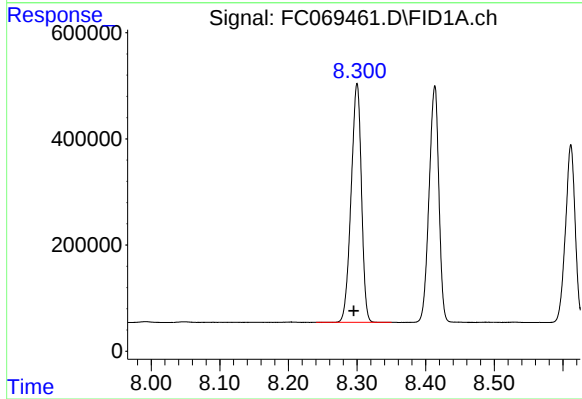
R.T.: 6.499 min
Delta R.T.: 0.003 min
Response: 4148955
Conc: 29.27 ug/ml



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

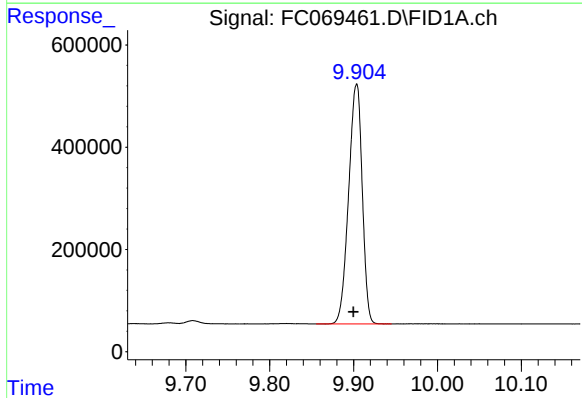
R.T.: 7.128 min
Delta R.T.: 0.002 min
Response: 4109320
Conc: 28.13 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168879BSD



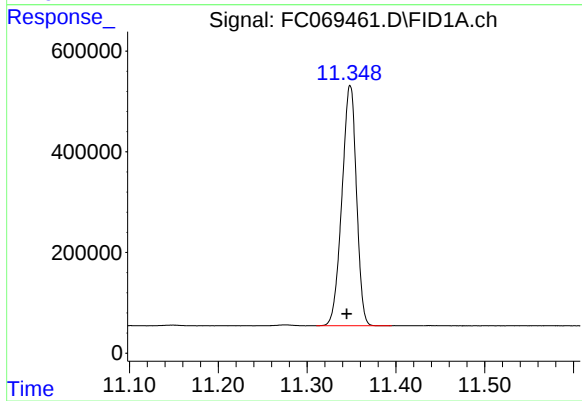
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 4703756
Conc: 33.08 ug/ml



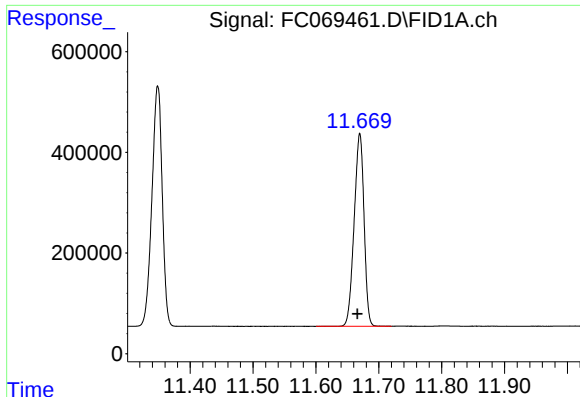
#7 n-Hexadecane (C16)

R.T.: 9.903 min
Delta R.T.: 0.004 min
Response: 5279348
Conc: 36.17 ug/ml



#8 n-Octadecane (C18)

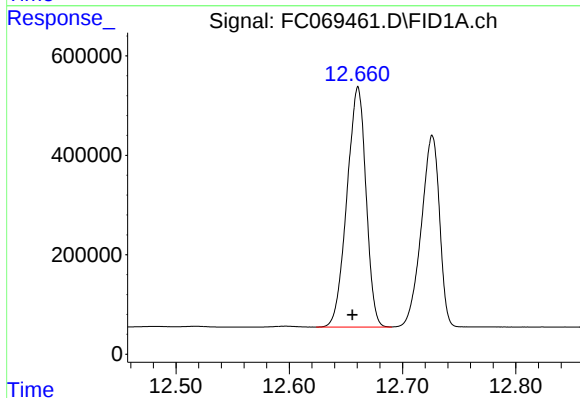
R.T.: 11.348 min
Delta R.T.: 0.004 min
Response: 5425857
Conc: 37.72 ug/ml



#9 ortho-Terphenyl (SURR)

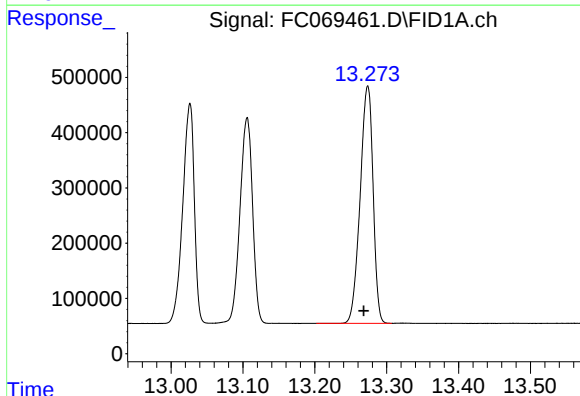
R.T.: 11.670 min
Delta R.T.: 0.004 min
Response: 4177882
Conc: 28.15 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168879BSD



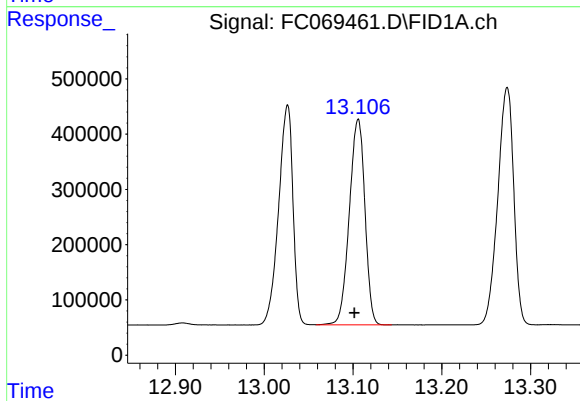
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.005 min
Response: 5652925
Conc: 42.11 ug/ml



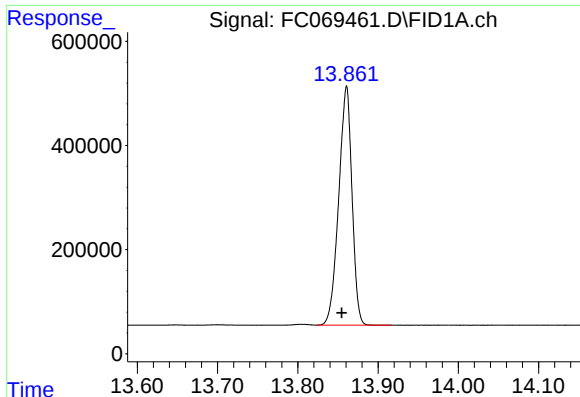
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.005 min
Response: 5358633
Conc: 41.25 ug/ml



#12 1-chlorooctadecane (SURR)

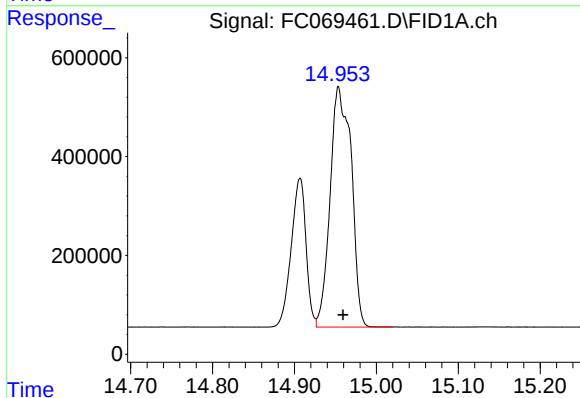
R.T.: 13.106 min
Delta R.T.: 0.004 min
Response: 4543624
Conc: 40.21 ug/ml



#13 n-Docosane (C22)

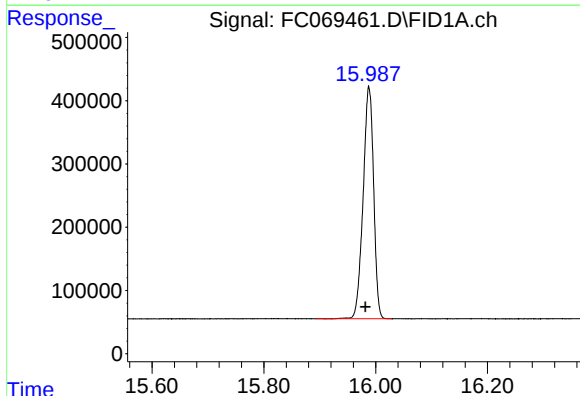
R.T.: 13.860 min
Delta R.T.: 0.006 min
Response: 5281944
Conc: 41.59 ug/ml

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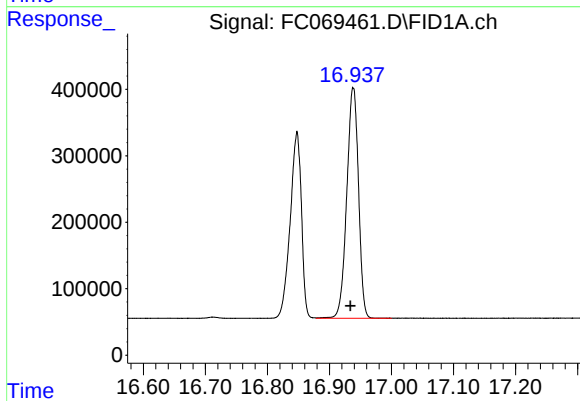
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.005 min
Response: 8718703
Conc: 71.43 ug/ml



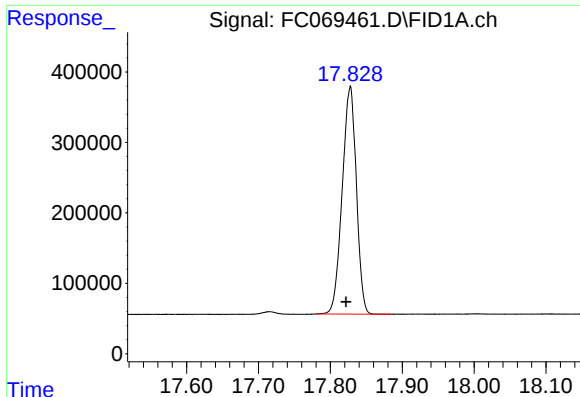
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: 0.006 min
Response: 4790941
Conc: 41.24 ug/ml



#16 n-Octacosane (C28)

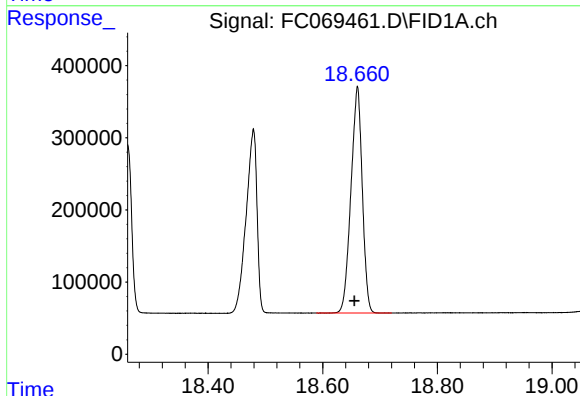
R.T.: 16.938 min
Delta R.T.: 0.005 min
Response: 4559984
Conc: 41.19 ug/ml



#17 n-Tricontane (C30)

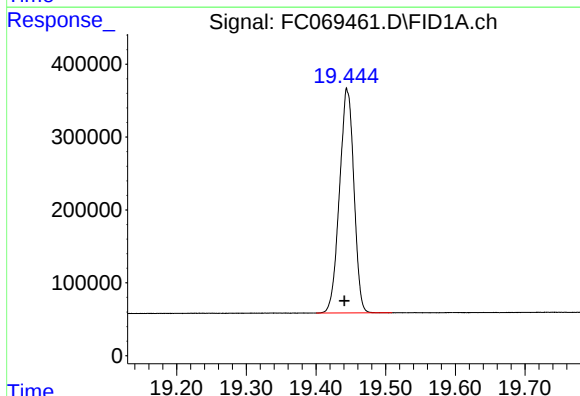
R.T.: 17.827 min
Delta R.T.: 0.005 min
Response: 4414947
Conc: 40.32 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168879BSD



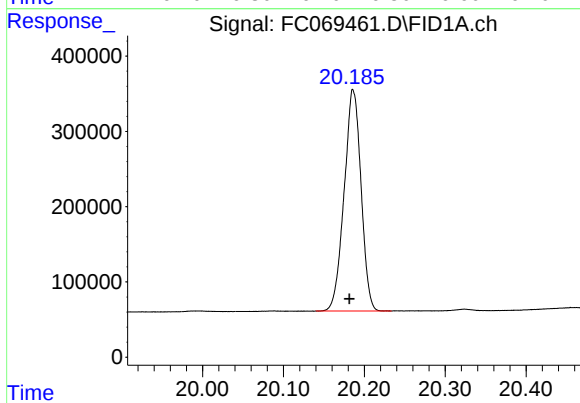
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: 0.005 min
Response: 4303280
Conc: 41.47 ug/ml



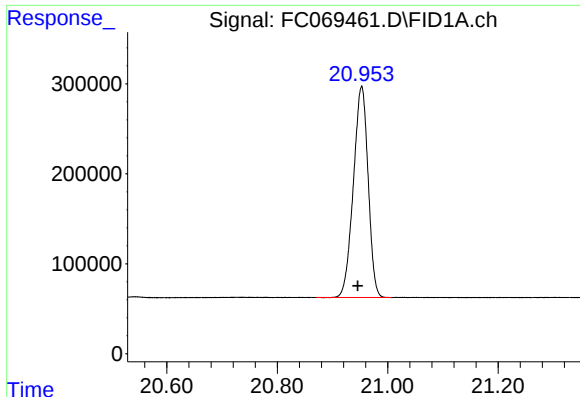
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: 0.004 min
Response: 4418238
Conc: 46.89 ug/ml



#20 n-Hexatriacontane (C36)

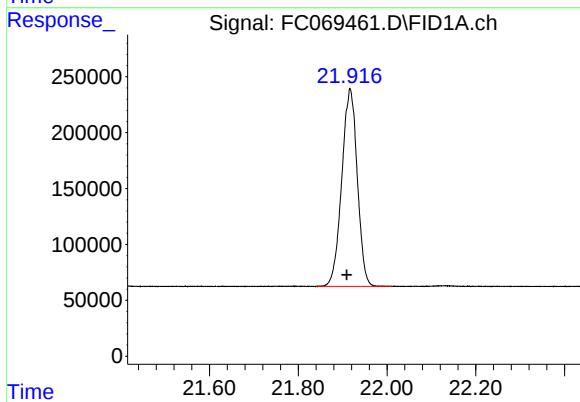
R.T.: 20.186 min
Delta R.T.: 0.005 min
Response: 4277301
Conc: 51.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.007 min
Response: 4349011
Conc: 57.26 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168879BSD



#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: 0.008 min
Response: 4288539
Conc: 58.55 ug/ml