

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070125AL\
 Data File : FC069346.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2025 15:37
 Operator : YP/AJ
 Sample : PB168673BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168673BSD

Integration File: autoint1.e
 Quant Time: Jul 02 00:32:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.679	6368656	36.864 ug/ml
Spiked Amount 50.000		Recovery =	73.73%
12) S 1-chlorooctadecane (S...	13.114	5010254	38.351 ug/ml
Spiked Amount 50.000		Recovery =	76.70%
Target Compounds			
1) T n-Nonane (C9)	3.413	5583955	39.263 ug/ml
2) T n-Decane (C10)	4.484	6041668	41.270 ug/ml
3) T A~Naphthalene (C11.7)	6.077	7400247	45.994 ug/ml
4) T n-Dodecane (C12)	6.506	6277358	41.455 ug/ml
5) T A~2-methylnaphthalene...	7.136	6902257	43.616 ug/ml
6) T n-Tetradecane (C14)	8.308	6307081	40.690 ug/ml
7) T n-Hexadecane (C16)	9.911	6338949	38.790 ug/ml
8) T n-Octadecane (C18)	11.356	6189161	37.907 ug/ml
10) T n-Eicosane (C20)	12.668	6191779	40.565 ug/ml
11) T n-Heneicosane (C21)	13.280	5856909	39.737 ug/ml
13) T n-Docosane (C22)	13.869	5716192	39.728 ug/ml
14) T n-Tetracosane (C24)	14.967	11173081	81.005 ug/ml
15) T n-Hexacosane (C26)	15.997	5202591	39.799 ug/ml
16) T n-Octacosane (C28)	16.947	4956427	40.189 ug/ml
17) T n-Tricontane (C30)	17.837	4804953	40.417 ug/ml
18) T n-Dotriacontane (C32)	18.670	4647774	42.509 ug/ml
19) T n-Tetratriacontane (C34)	19.455	4791109	49.615 ug/ml
20) T n-Hexatriacontane (C36)	20.196	4566023	55.405 ug/ml
21) T n-Octatriacontane (C38)	20.967	4586517	61.374 ug/ml
22) T n-Tetracontane (C40)	21.935	4370381	61.714 ug/ml

(f)=RT Delta > 1/2 Window

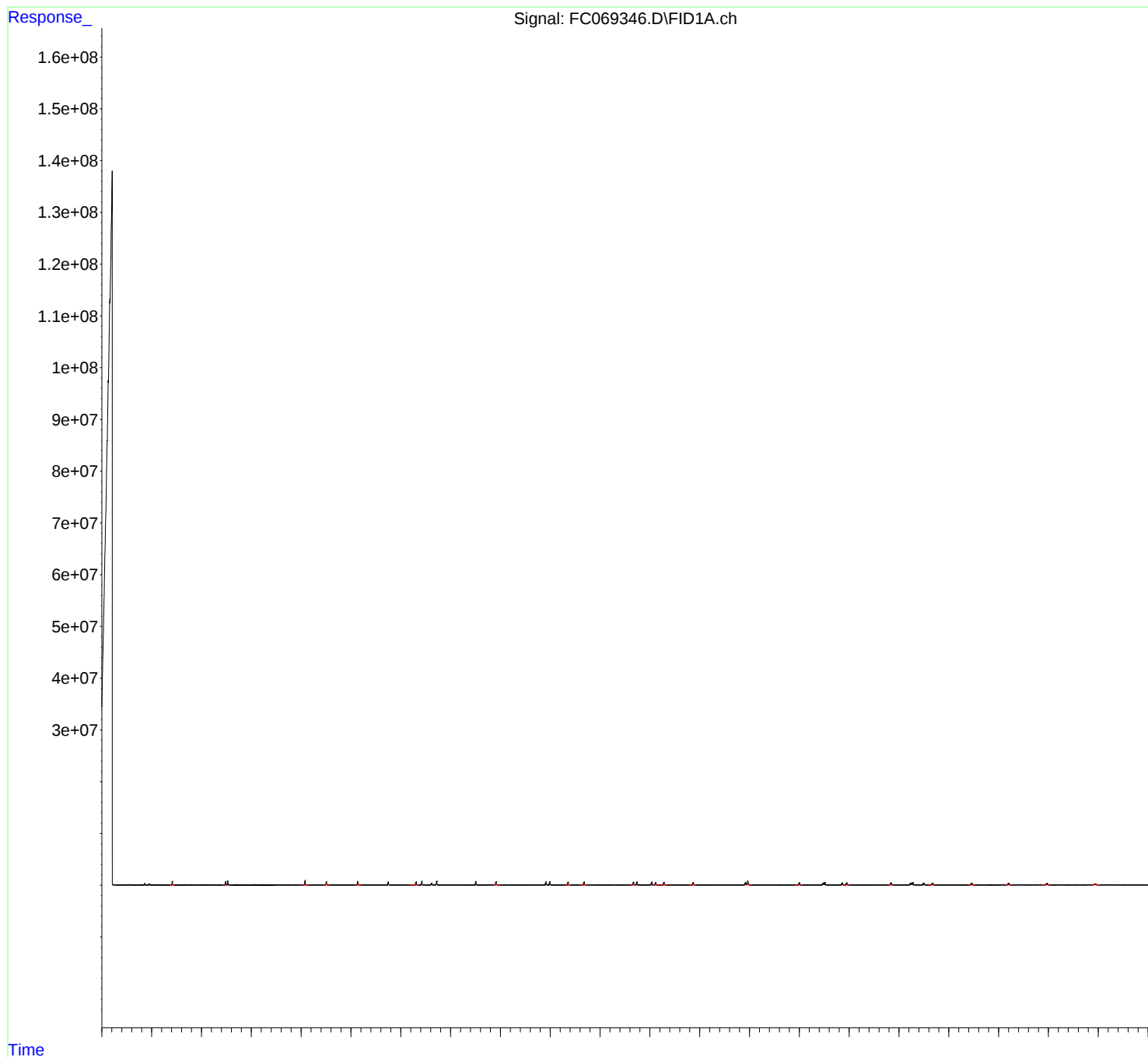
(m)=manual int.

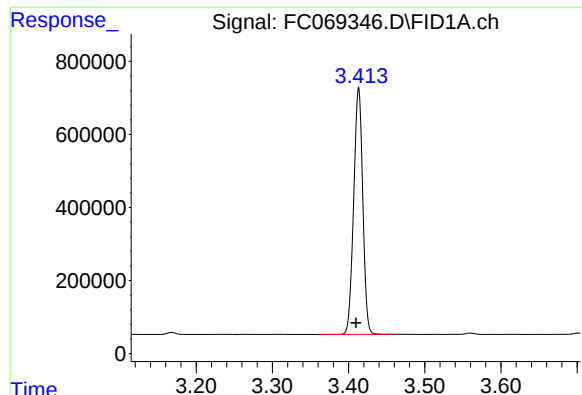
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

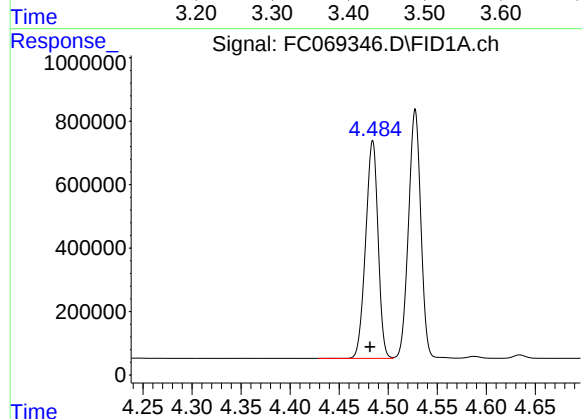




#1 n-Nonane (C9)

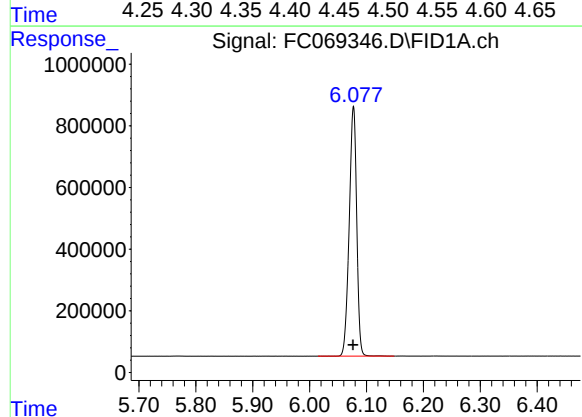
R.T.: 3.413 min
Delta R.T.: 0.003 min
Response: 5583955
Conc: 39.26 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168673BSD



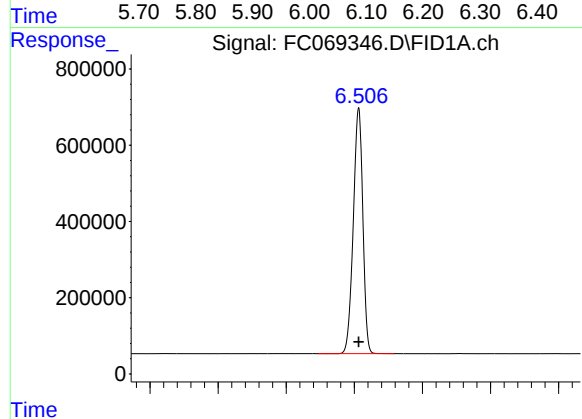
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: 0.003 min
Response: 6041668
Conc: 41.27 ug/ml



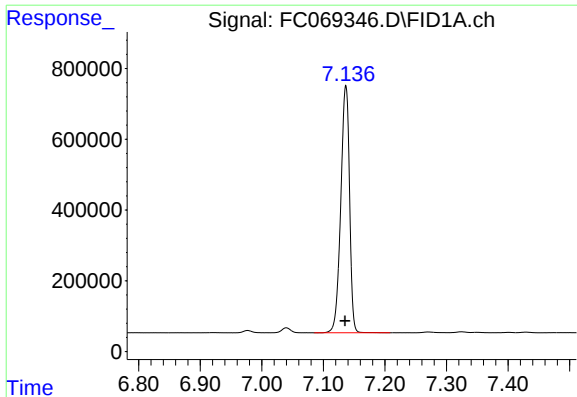
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 7400247
Conc: 45.99 ug/ml



#4 n-Dodecane (C12)

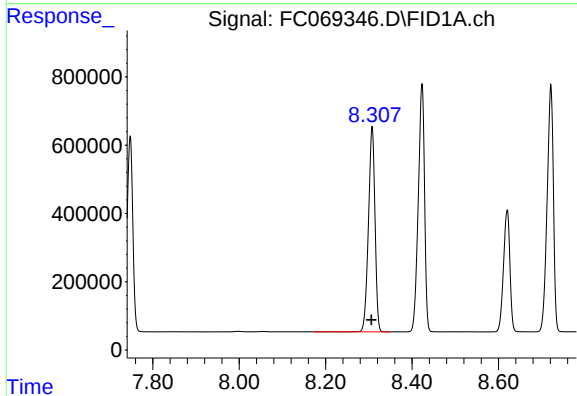
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 6277358
Conc: 41.46 ug/ml



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

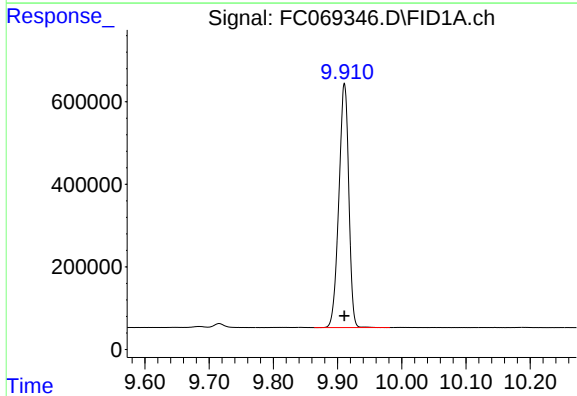
R.T.: 7.136 min
Delta R.T.: 0.001 min
Response: 6902257
Conc: 43.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168673BSD



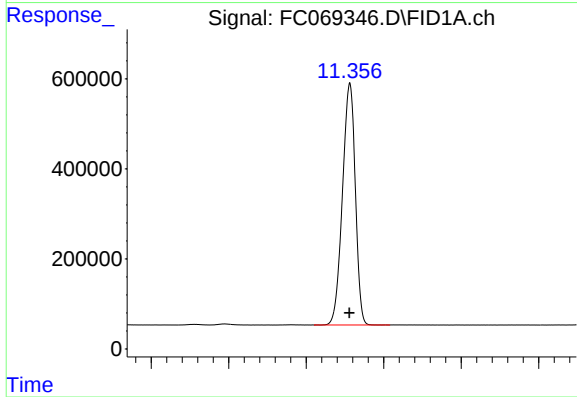
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 6307081
Conc: 40.69 ug/ml



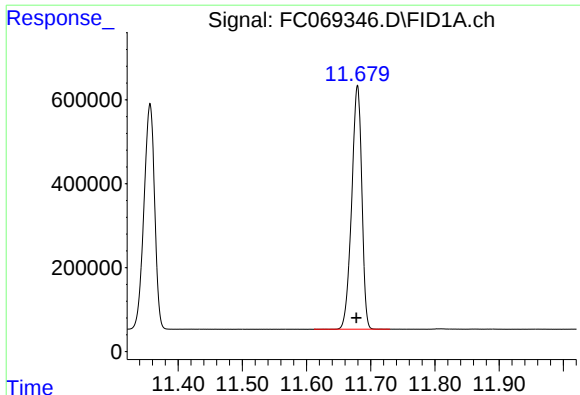
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 6338949
Conc: 38.79 ug/ml



#8 n-Octadecane (C18)

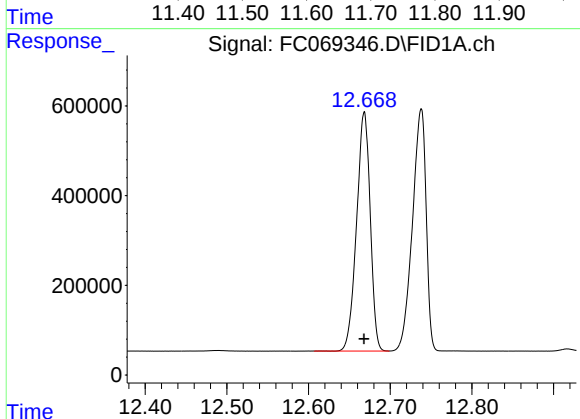
R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 6189161
Conc: 37.91 ug/ml



#9 ortho-Terphenyl (SURR)

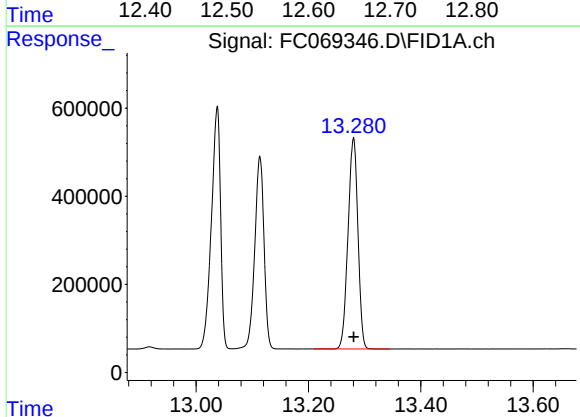
R.T.: 11.679 min
Delta R.T.: 0.002 min
Response: 6368656
Conc: 36.86 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168673BSD



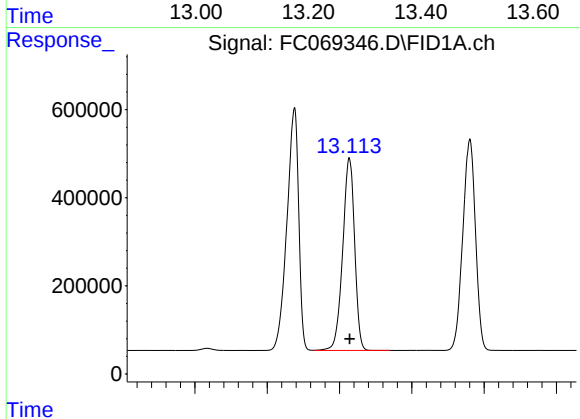
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 6191779
Conc: 40.56 ug/ml



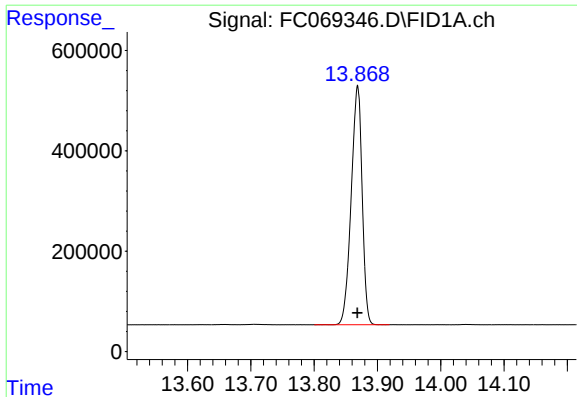
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 5856909
Conc: 39.74 ug/ml



#12 1-chlorooctadecane (SURR)

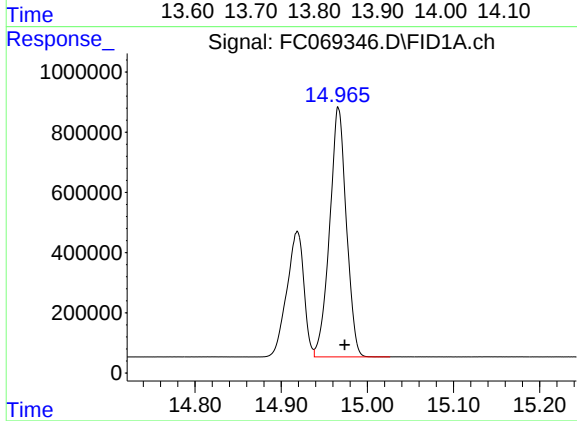
R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 5010254
Conc: 38.35 ug/ml



#13 n-Docosane (C22)

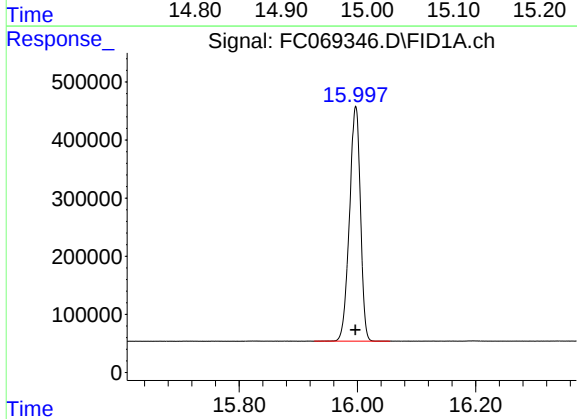
R.T.: 13.869 min
Delta R.T.: 0.000 min
Response: 5716192
Conc: 39.73 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168673BSD



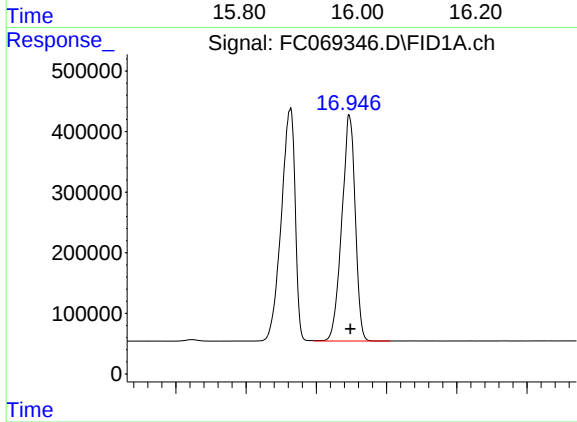
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.007 min
Response: 11173081
Conc: 81.00 ug/ml



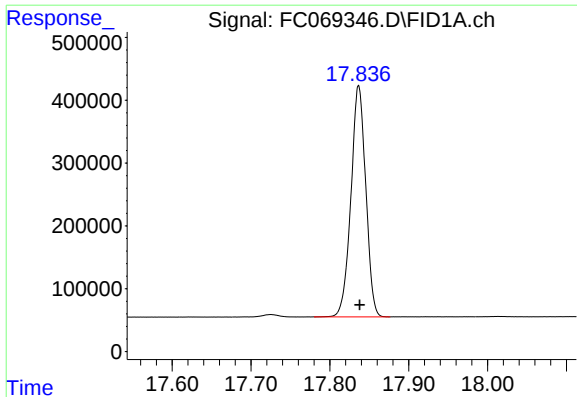
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 5202591
Conc: 39.80 ug/ml



#16 n-Octacosane (C28)

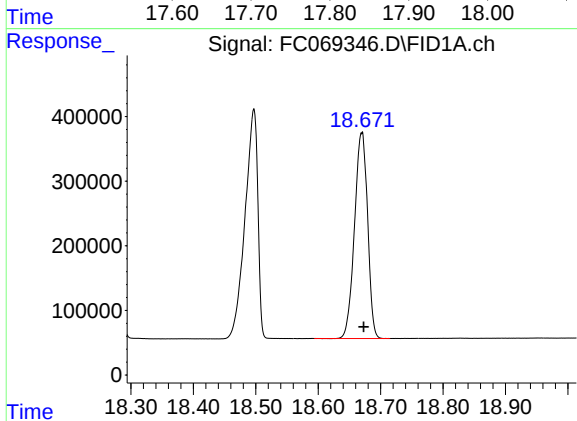
R.T.: 16.947 min
Delta R.T.: -0.001 min
Response: 4956427
Conc: 40.19 ug/ml



#17 n-Tricontane (C30)

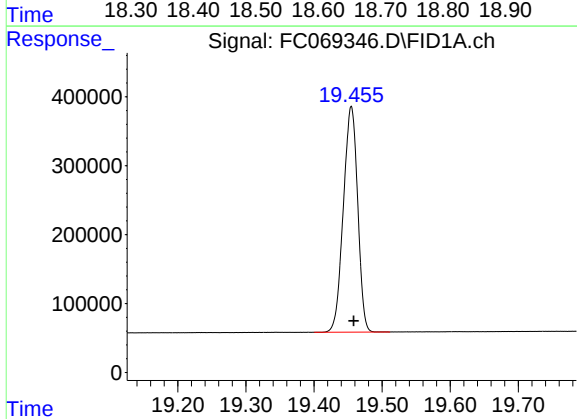
R.T.: 17.837 min
Delta R.T.: -0.001 min
Response: 4804953
Conc: 40.42 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168673BSD



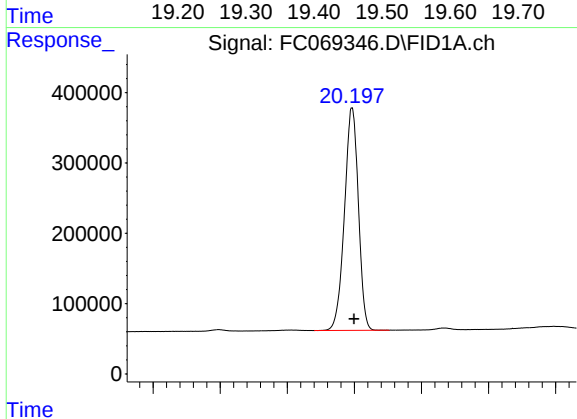
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.003 min
Response: 4647774
Conc: 42.51 ug/ml



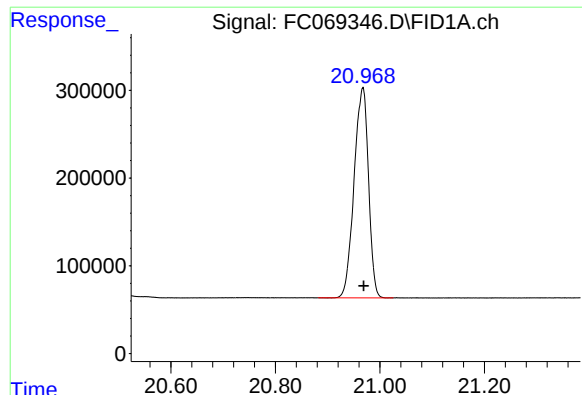
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: -0.003 min
Response: 4791109
Conc: 49.61 ug/ml



#20 n-Hexatriacontane (C36)

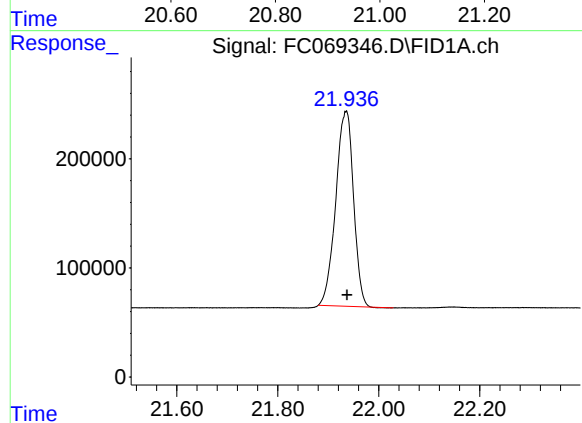
R.T.: 20.196 min
Delta R.T.: -0.003 min
Response: 4566023
Conc: 55.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: -0.002 min
Response: 4586517
Conc: 61.37 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168673BSD



#22 n-Tetracontane (C40)

R.T.: 21.935 min
Delta R.T.: -0.002 min
Response: 4370381
Conc: 61.71 ug/ml