

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072225AL\
 Data File : FC069492.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jul 2025 16:07
 Operator : YP/AJ
 Sample : PB168949BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168949BSD

Integration File: autoint1.e
 Quant Time: Jul 23 01:33:47 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)	11.666	4432872	29.870 ug/ml
Spiked Amount 50.000		Recovery =	59.74%
12) S 1-chlorooctadecane (S...	13.101	3505034	31.015 ug/ml
Spiked Amount 50.000		Recovery =	62.03%
Target Compounds			
1) T n-Nonane (C9)	3.412	4674893	34.354 ug/ml
2) T n-Decane (C10)	4.479	5045423	36.251 ug/ml
3) T A~Naphthalene (C11.7)	6.069	5856606	38.757 ug/ml
4) T n-Dodecane (C12)	6.499	5472306	38.609 ug/ml
5) T A~2-methylnaphthalene...	7.127	5513685	37.741 ug/ml
6) T n-Tetradecane (C14)	8.299	5631611	39.608 ug/ml
7) T n-Hexadecane (C16)	9.901	5705001	39.085 ug/ml
8) T n-Octadecane (C18)	11.345	5496278	38.209 ug/ml
10) T n-Eicosane (C20)	12.657	5395387	40.189 ug/ml
11) T n-Heneicosane (C21)	13.269	5053570	38.906 ug/ml
13) T n-Docosane (C22)	13.857	4878913	38.414 ug/ml
14) T n-Tetracosane (C24)	14.951	9031963	74.001 ug/ml
15) T n-Hexacosane (C26)	15.985	4344994	37.398 ug/ml
16) T n-Octacosane (C28)	16.934	4138252	37.378 ug/ml
17) T n-Tricontane (C30)	17.825	4053901	37.022 ug/ml
18) T n-Dotriacontane (C32)	18.657	3954381	38.107 ug/ml
19) T n-Tetratriacontane (C34)	19.442	4024066	42.706 ug/ml
20) T n-Hexatriacontane (C36)	20.183	3773813	45.689 ug/ml
21) T n-Octatriacontane (C38)	20.947	3765583	49.577 ug/ml
22) T n-Tetracontane (C40)	21.908	3593189	49.055 ug/ml

(f)=RT Delta > 1/2 Window

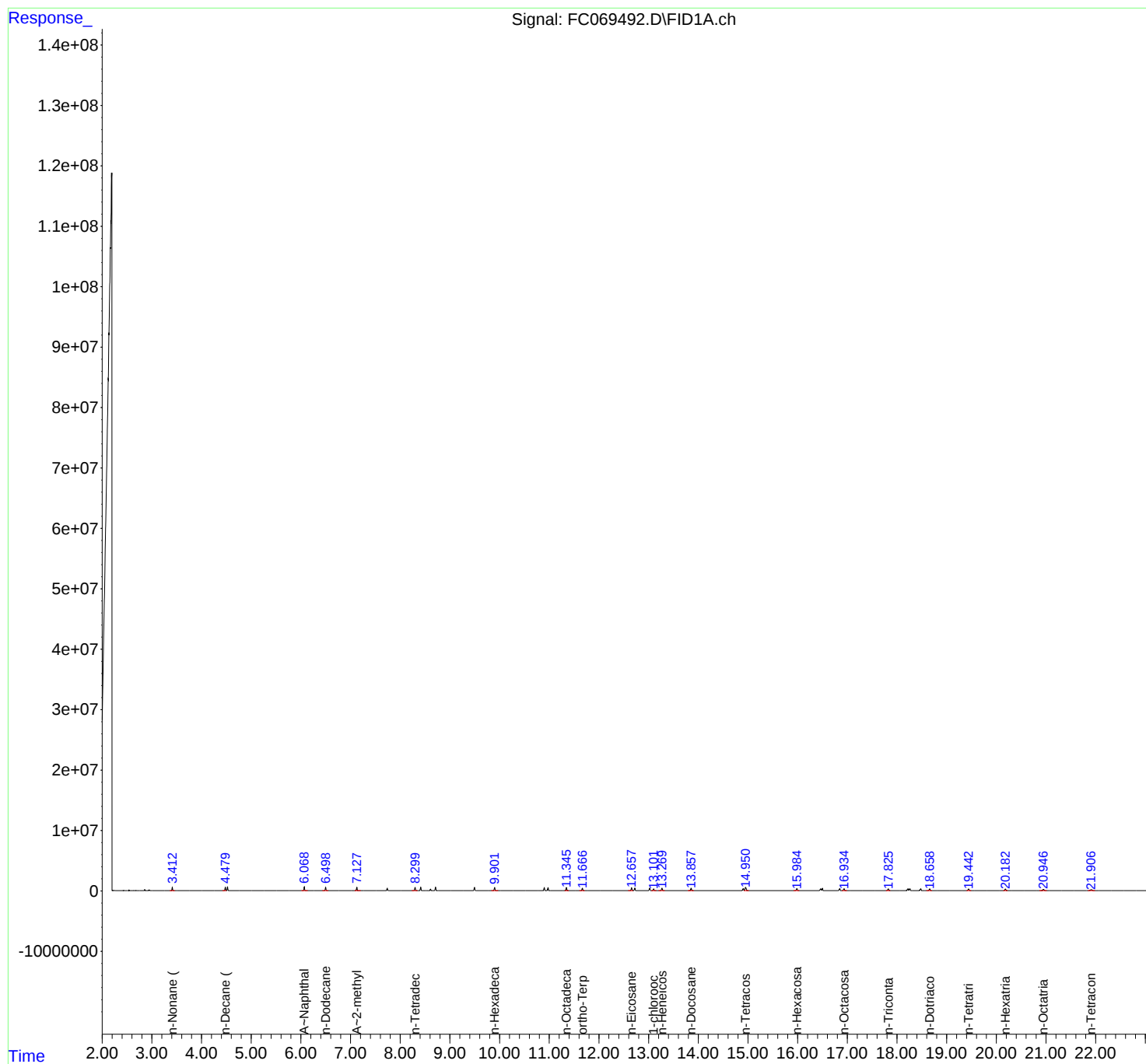
(m)=manual int.

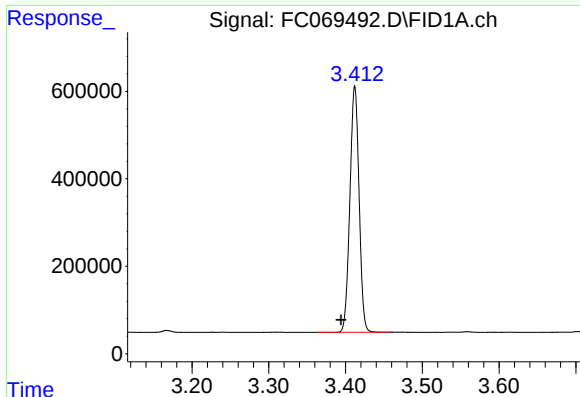
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072225AL\
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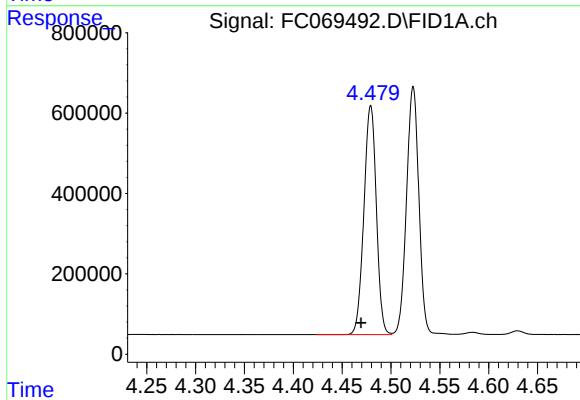




#1 n-Nonane (C9)

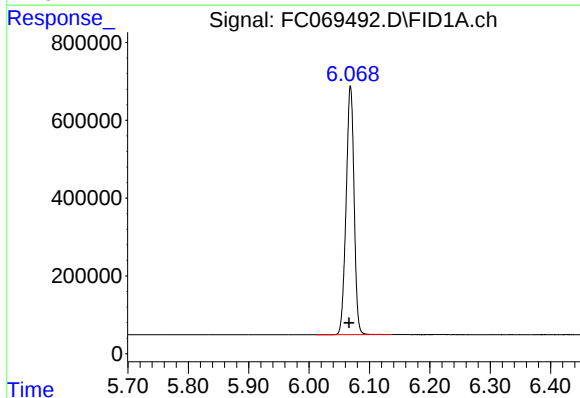
R.T.: 3.412 min
Delta R.T.: 0.018 min
Response: 4674893
Conc: 34.35 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168949BSD



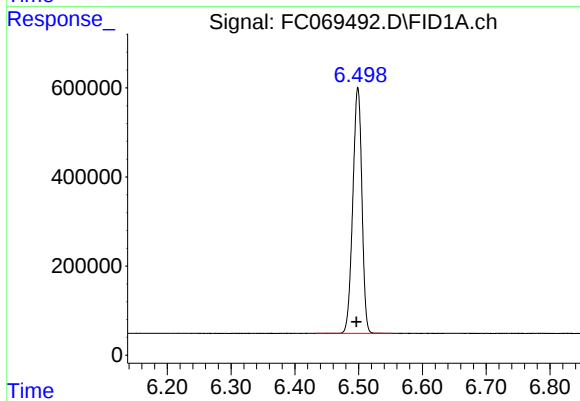
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: 0.010 min
Response: 5045423
Conc: 36.25 ug/ml



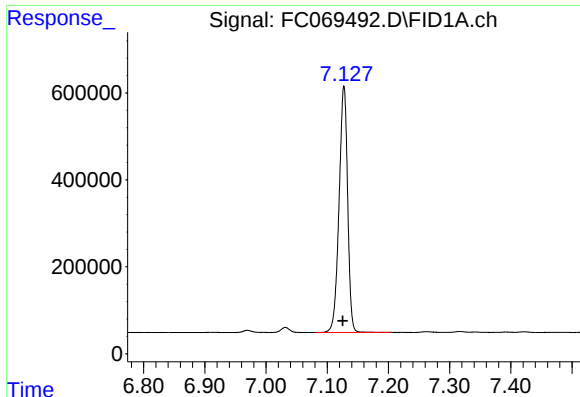
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 5856606
Conc: 38.76 ug/ml



#4 n-Dodecane (C12)

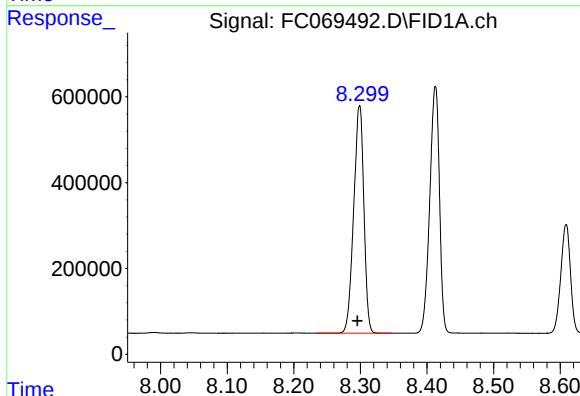
R.T.: 6.499 min
Delta R.T.: 0.002 min
Response: 5472306
Conc: 38.61 ug/ml



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

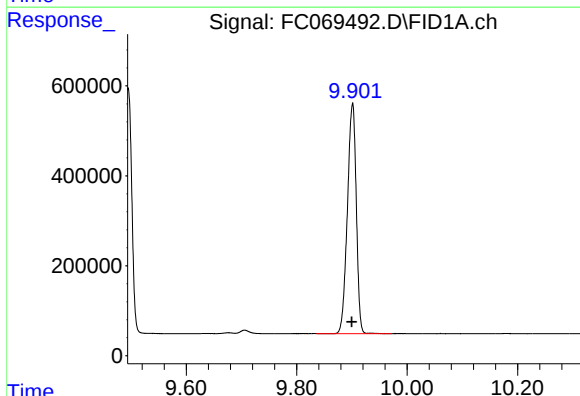
R.T.: 7.127 min
Delta R.T.: 0.002 min
Response: 5513685
Conc: 37.74 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168949BSD



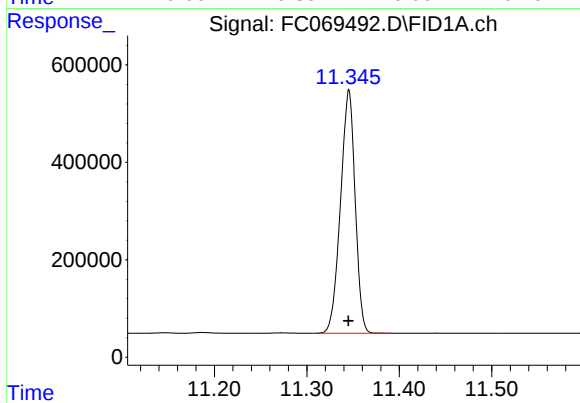
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 5631611
Conc: 39.61 ug/ml



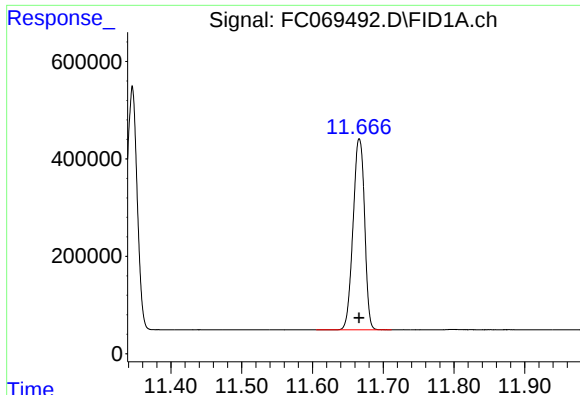
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: 0.001 min
Response: 5705001
Conc: 39.09 ug/ml



#8 n-Octadecane (C18)

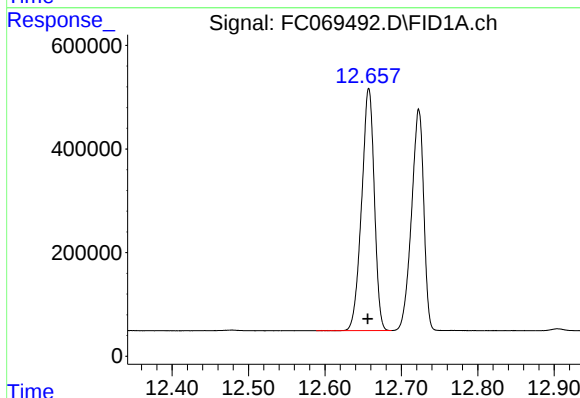
R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 5496278
Conc: 38.21 ug/ml



#9 ortho-Terphenyl (SURR)

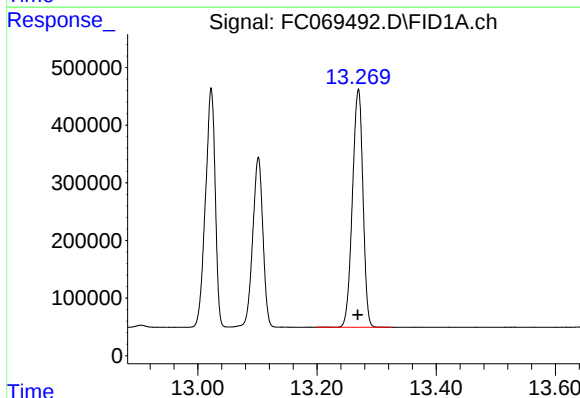
R.T.: 11.666 min
Delta R.T.: 0.000 min
Response: 4432872
Conc: 29.87 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168949BSD



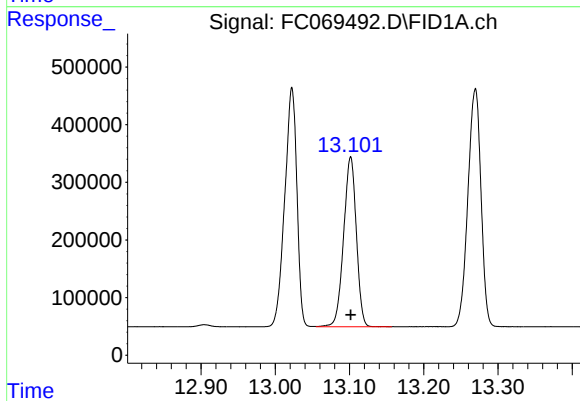
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.002 min
Response: 5395387
Conc: 40.19 ug/ml



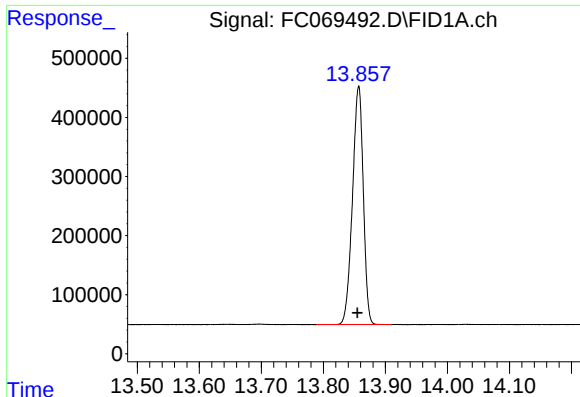
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.001 min
Response: 5053570
Conc: 38.91 ug/ml



#12 1-chlorooctadecane (SURR)

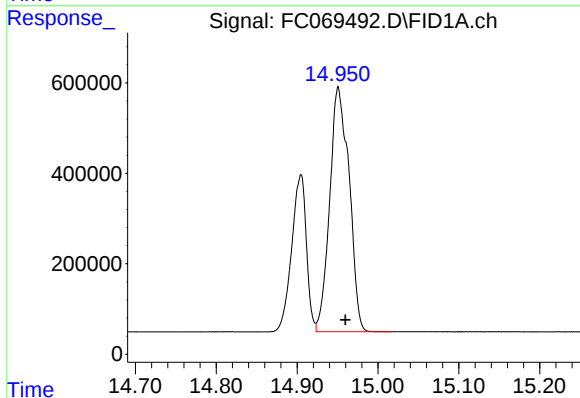
R.T.: 13.101 min
Delta R.T.: 0.000 min
Response: 3505034
Conc: 31.02 ug/ml



#13 n-Docosane (C22)

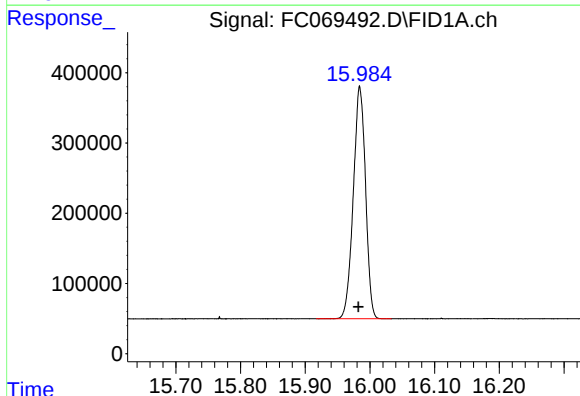
R.T.: 13.857 min
Delta R.T.: 0.002 min
Response: 4878913
Conc: 38.41 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168949BSD



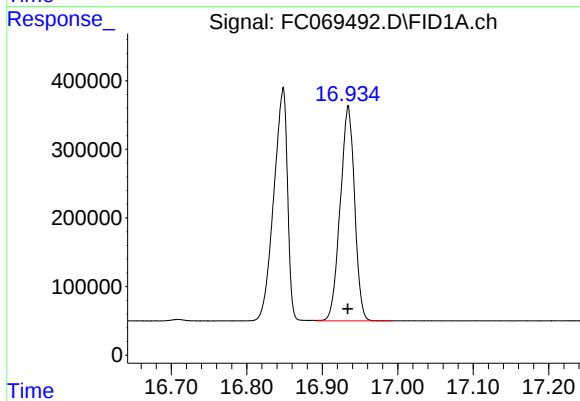
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.008 min
Response: 9031963
Conc: 74.00 ug/ml



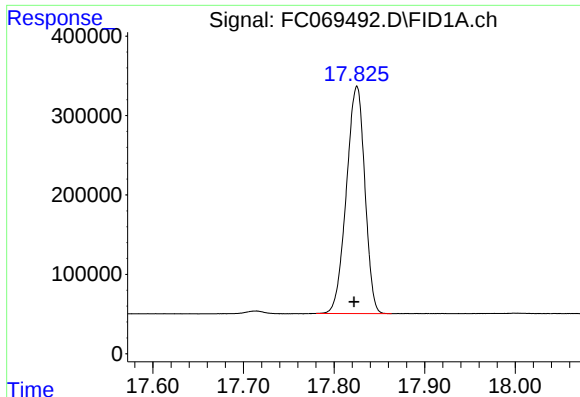
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: 0.002 min
Response: 4344994
Conc: 37.40 ug/ml



#16 n-Octacosane (C28)

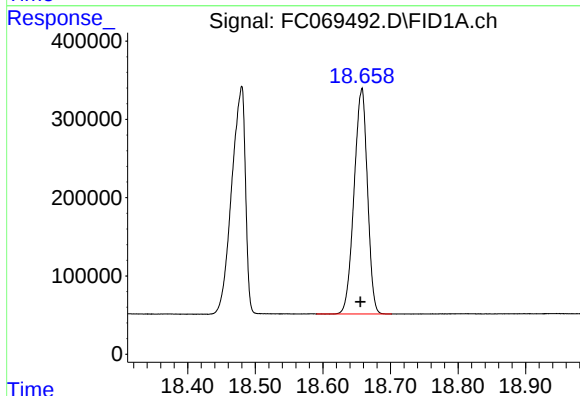
R.T.: 16.934 min
Delta R.T.: 0.000 min
Response: 4138252
Conc: 37.38 ug/ml



#17 n-Tricontane (C30)

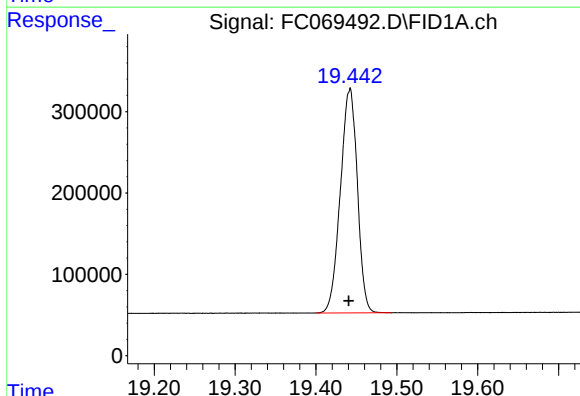
R.T.: 17.825 min
Delta R.T.: 0.003 min
Response: 4053901
Conc: 37.02 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168949BSD



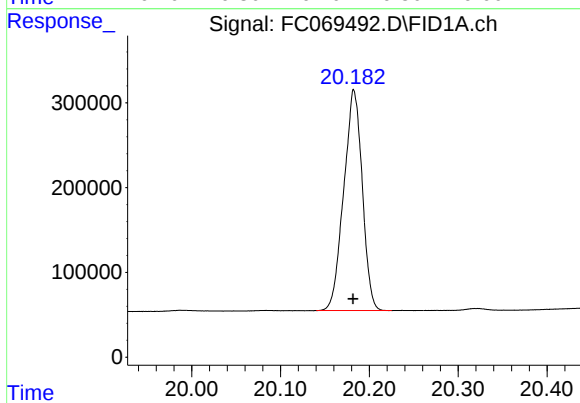
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: 0.002 min
Response: 3954381
Conc: 38.11 ug/ml



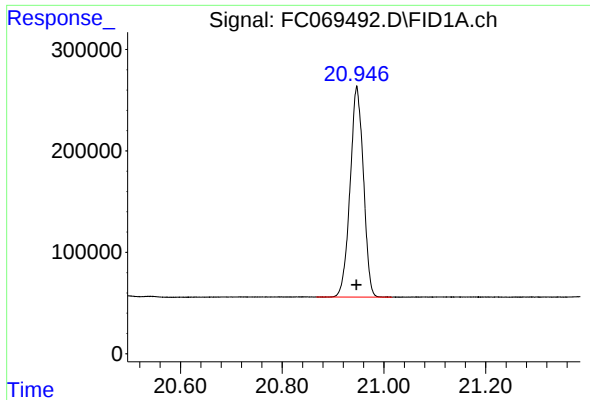
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: 0.001 min
Response: 4024066
Conc: 42.71 ug/ml



#20 n-Hexatriacontane (C36)

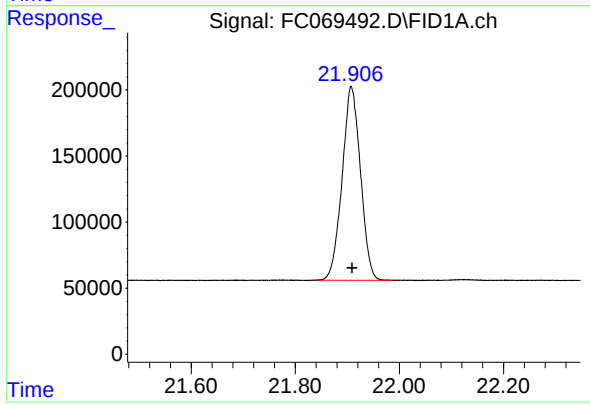
R.T.: 20.183 min
Delta R.T.: 0.001 min
Response: 3773813
Conc: 45.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: 0.000 min
Response: 3765583
Conc: 49.58 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168949BSD



#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: -0.002 min
Response: 3593189
Conc: 49.05 ug/ml