

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
 Data File : FC069546.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2025 14:35
 Operator : YP/AJ
 Sample : PB169002BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169002BSD

Integration File: sample.E
 Quant Time: Jul 29 01:15:28 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)	11.677	5075347	34.199 ug/ml
Spiked Amount 50.000		Recovery =	68.40%
12) S 1-chlorooctadecane (S...	13.111	3944459	34.903 ug/ml
Spiked Amount 50.000		Recovery =	69.81%
Target Compounds			
1) T n-Nonane (C9)	3.411	4427457	32.535 ug/ml
2) T n-Decane (C10)	4.481	4785000	34.380 ug/ml
3) T A~Naphthalene (C11.7)	6.075	5569401	36.857 ug/ml
4) T n-Dodecane (C12)	6.503	4975440	35.104 ug/ml
5) T A~2-methylnaphthalene...	7.135	5118150	35.033 ug/ml
6) T n-Tetradecane (C14)	8.304	4881561	34.333 ug/ml
7) T n-Hexadecane (C16)	9.907	4858896	33.289 ug/ml
8) T n-Octadecane (C18)	11.353	4698722	32.664 ug/ml
10) T n-Eicosane (C20)	12.664	4692856	34.956 ug/ml
11) T n-Heneicosane (C21)	13.277	4438795	34.173 ug/ml
13) T n-Docosane (C22)	13.865	4338470	34.159 ug/ml
14) T n-Tetracosane (C24)	14.965	8478821	69.469 ug/ml
15) T n-Hexacosane (C26)	15.994	4024513	34.640 ug/ml
16) T n-Octacosane (C28)	16.945	3878244	35.030 ug/ml
17) T n-Tricontane (C30)	17.835	3894623	35.568 ug/ml
18) T n-Dotriacontane (C32)	18.667	3903561	37.617 ug/ml
19) T n-Tetratriacontane (C34)	19.454	4184626	44.409 ug/ml
20) T n-Hexatriacontane (C36)	20.194	4211203	50.984 ug/ml
21) T n-Octatriacontane (C38)	20.963	4484279	59.039 ug/ml
22) T n-Tetracontane (C40)	21.934	4367902	59.631 ug/ml

(f)=RT Delta > 1/2 Window

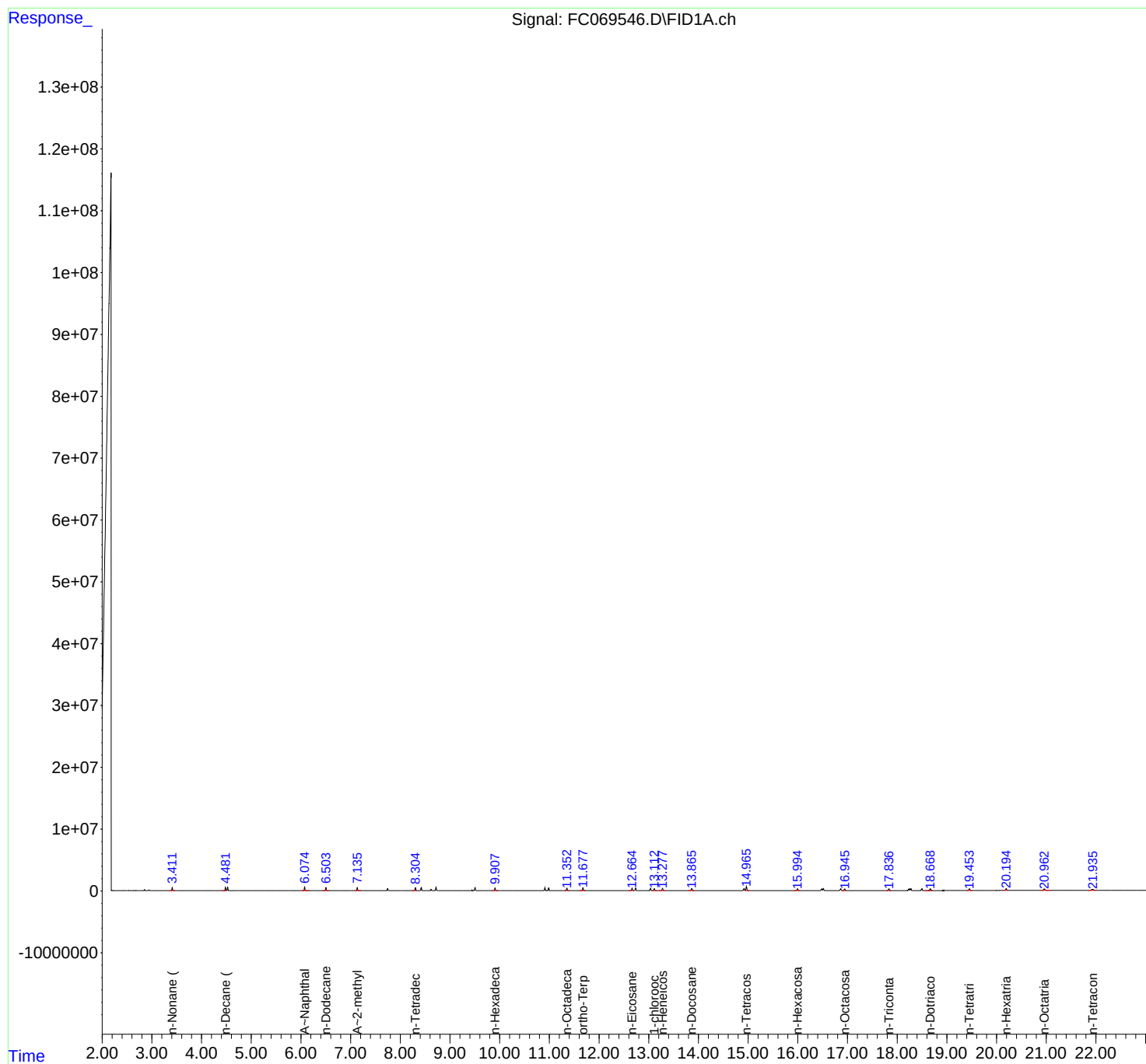
(m)=manual int.

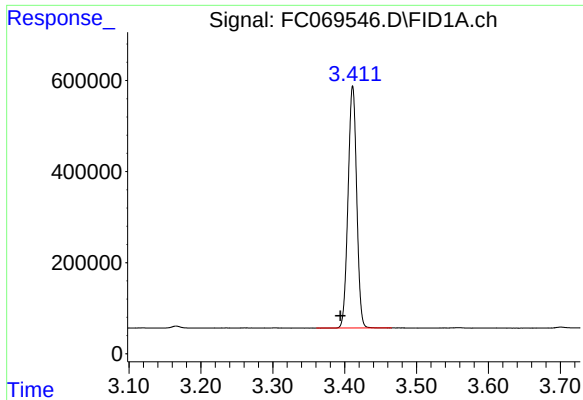
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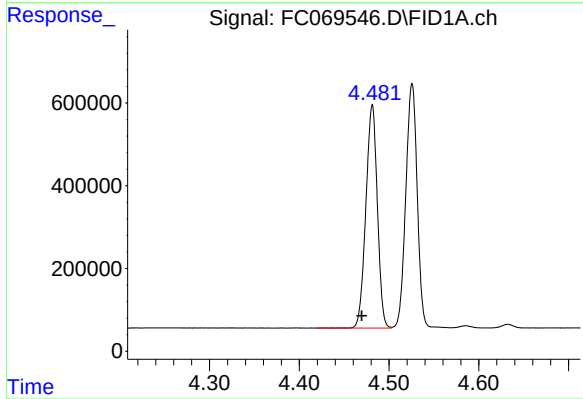




#1 n-Nonane (C9)

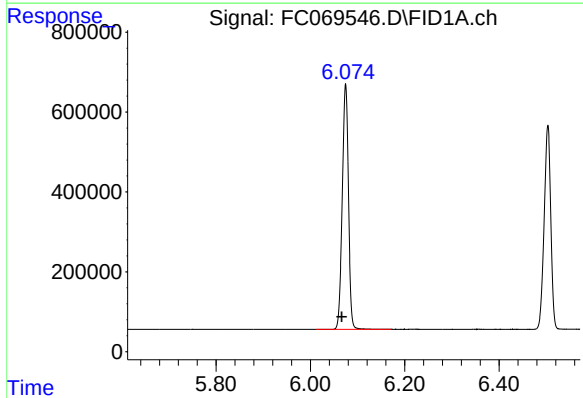
R.T.: 3.411 min
Delta R.T.: 0.017 min
Response: 4427457
Conc: 32.54 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



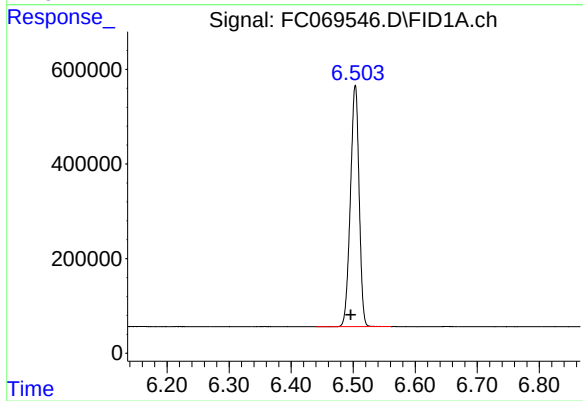
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.012 min
Response: 4785000
Conc: 34.38 ug/ml



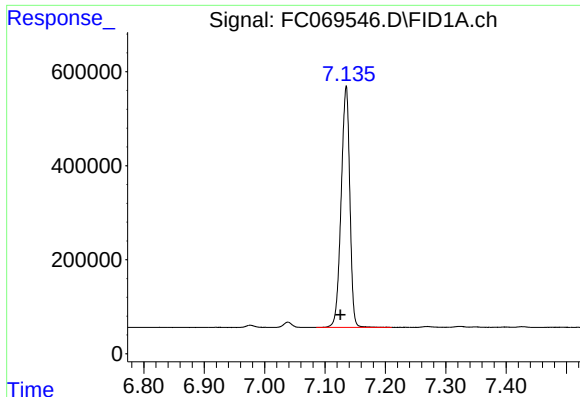
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.008 min
Response: 5569401
Conc: 36.86 ug/ml



#4 n-Dodecane (C12)

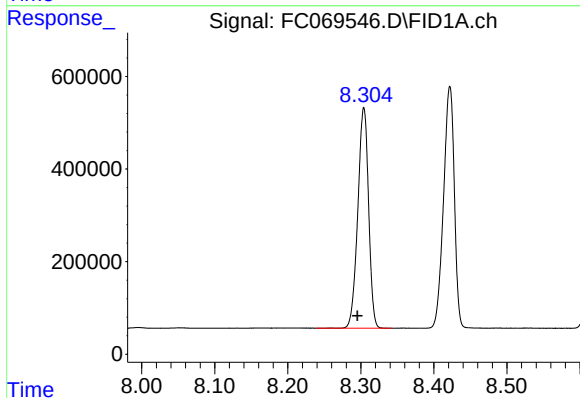
R.T.: 6.503 min
Delta R.T.: 0.007 min
Response: 4975440
Conc: 35.10 ug/ml



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

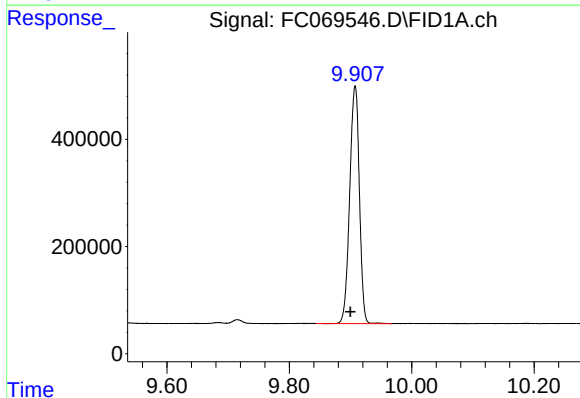
R.T.: 7.135 min
Delta R.T.: 0.009 min
Response: 5118150
Conc: 35.03 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



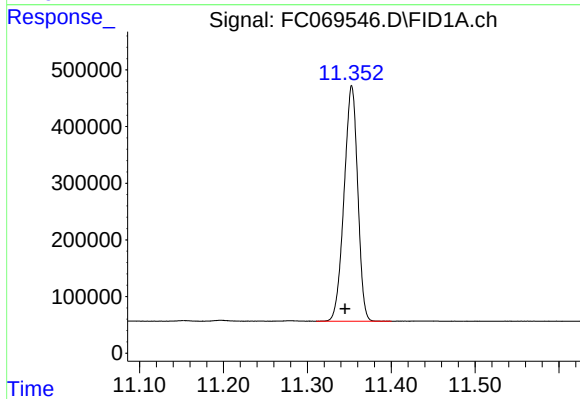
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: 0.009 min
Response: 4881561
Conc: 34.33 ug/ml



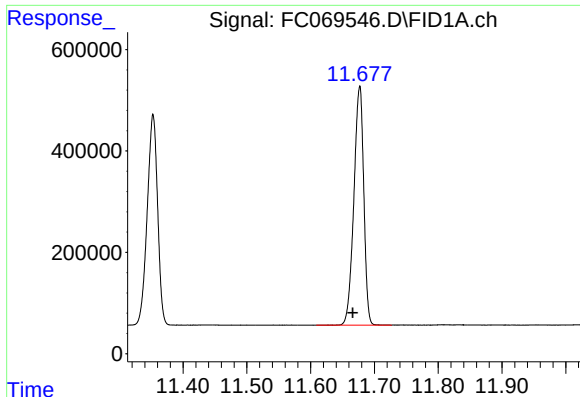
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.008 min
Response: 4858896
Conc: 33.29 ug/ml



#8 n-Octadecane (C18)

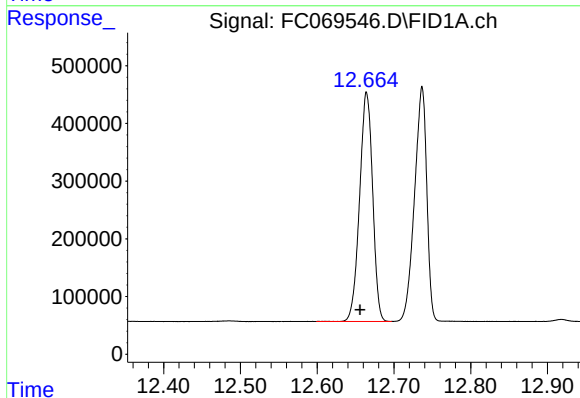
R.T.: 11.353 min
Delta R.T.: 0.008 min
Response: 4698722
Conc: 32.66 ug/ml



#9 ortho-Terphenyl (SURR)

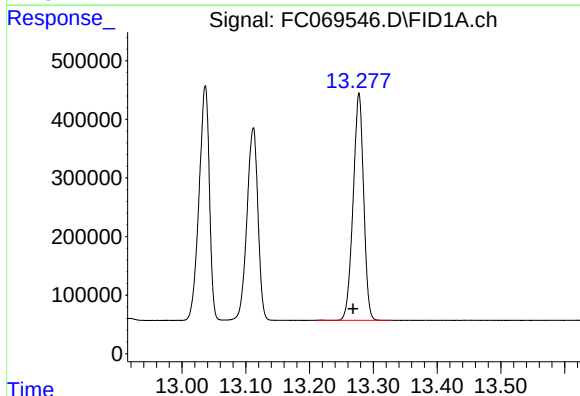
R.T.: 11.677 min
Delta R.T.: 0.011 min
Response: 5075347
Conc: 34.20 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



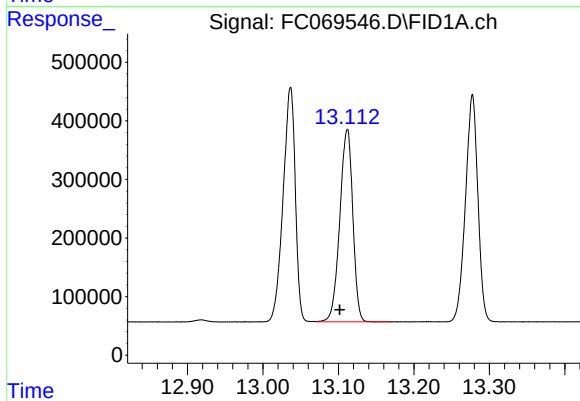
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: 0.009 min
Response: 4692856
Conc: 34.96 ug/ml



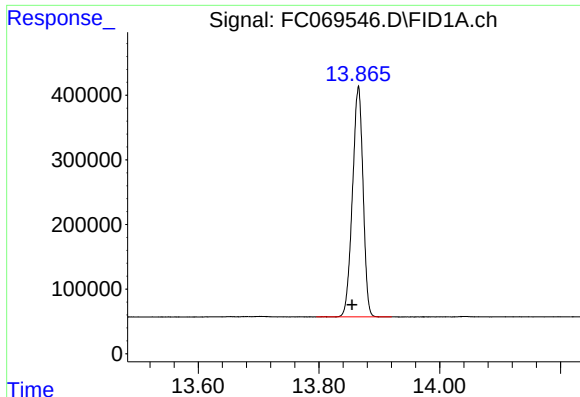
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: 0.009 min
Response: 4438795
Conc: 34.17 ug/ml



#12 1-chlorooctadecane (SURR)

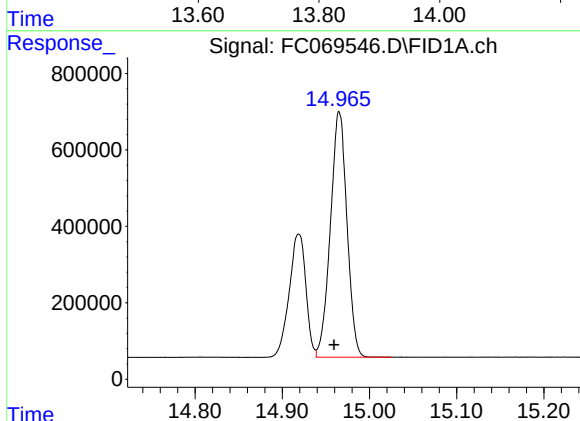
R.T.: 13.111 min
Delta R.T.: 0.010 min
Response: 3944459
Conc: 34.90 ug/ml



#13 n-Docosane (C22)

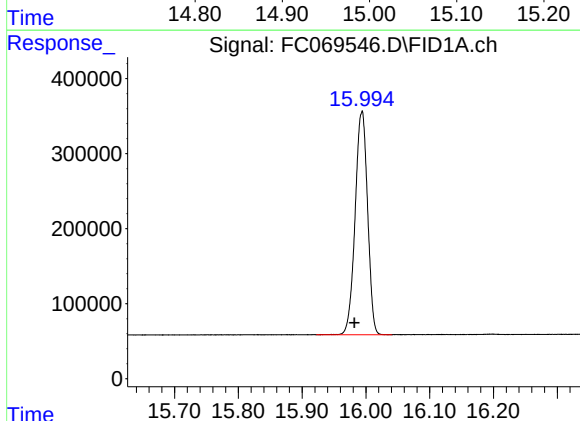
R.T.: 13.865 min
Delta R.T.: 0.010 min
Response: 4338470
Conc: 34.16 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



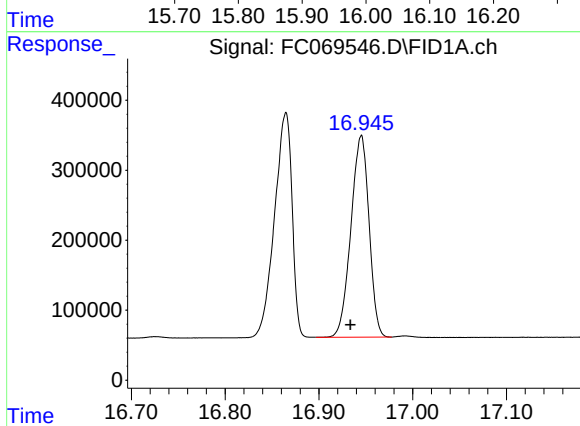
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: 0.006 min
Response: 8478821
Conc: 69.47 ug/ml



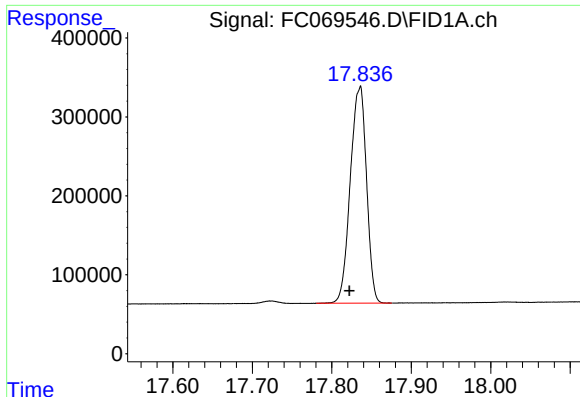
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: 0.012 min
Response: 4024513
Conc: 34.64 ug/ml



#16 n-Octacosane (C28)

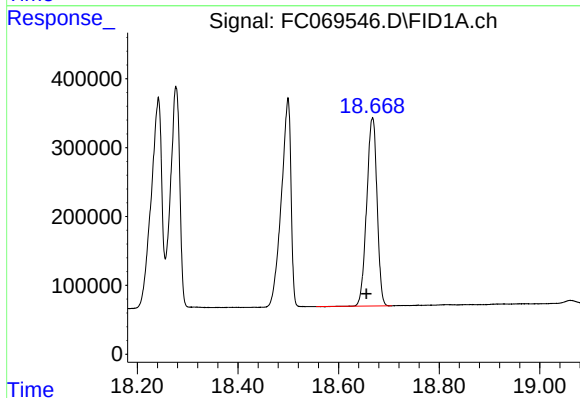
R.T.: 16.945 min
Delta R.T.: 0.011 min
Response: 3878244
Conc: 35.03 ug/ml



#17 n-Tricontane (C30)

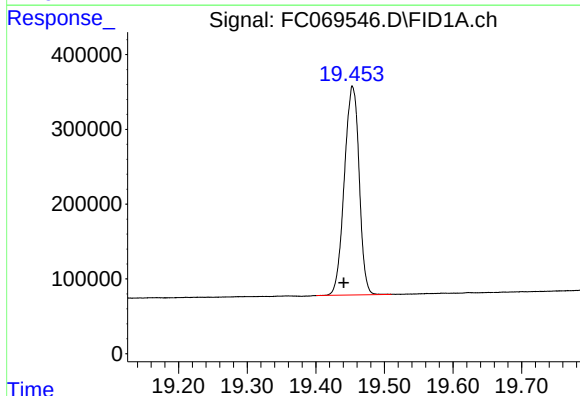
R.T.: 17.835 min
Delta R.T.: 0.013 min
Response: 3894623
Conc: 35.57 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169002BSD



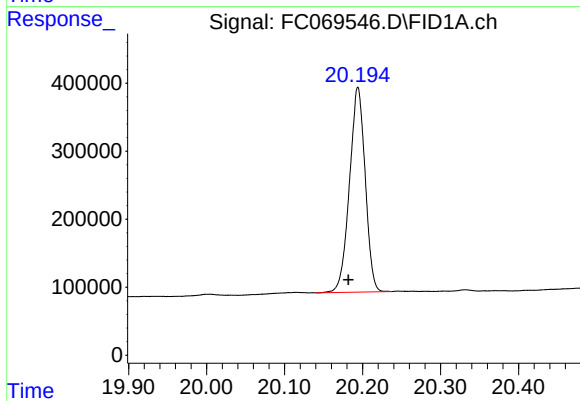
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: 0.012 min
Response: 3903561
Conc: 37.62 ug/ml



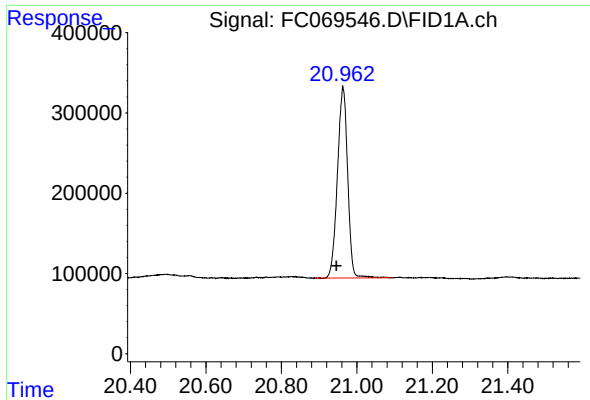
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.013 min
Response: 4184626
Conc: 44.41 ug/ml



#20 n-Hexatriacontane (C36)

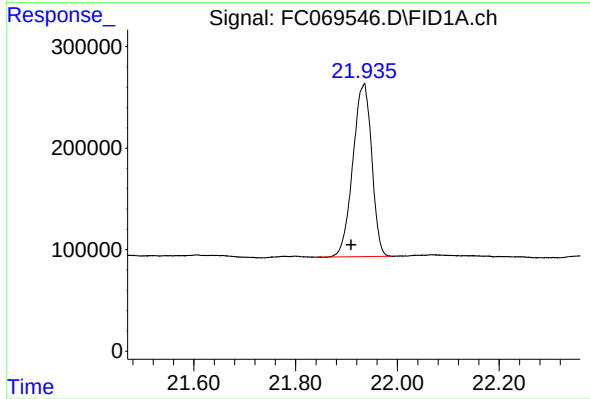
R.T.: 20.194 min
Delta R.T.: 0.012 min
Response: 4211203
Conc: 50.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.963 min
Delta R.T.: 0.017 min
Response: 4484279
Conc: 59.04 ug/ml

Instrument :
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ClientSampleId :
PB169002BSD



#22 n-Tetracontane (C40)

R.T.: 21.934 min
Delta R.T.: 0.024 min
Response: 4367902
Conc: 59.63 ug/ml