

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082625AL\
 Data File : FC069745.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 15:36
 Operator : YP/AJ
 Sample : PB169395BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB169395BSD

Integration File: autoint1.e
 Quant Time: Aug 27 01:06:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.665	5509678	36.932 ug/ml
Spiked Amount 50.000		Recovery =	73.86%
12) S 1-chlorooctadecane (S...	13.099	4315820	39.586 ug/ml
Spiked Amount 50.000		Recovery =	79.17%
Target Compounds			
1) T n-Nonane (C9)	3.408	4703943	33.017 ug/ml
2) T n-Decane (C10)	4.475	5098957	35.073 ug/ml
3) T A~Naphthalene (C11.7)	6.065	6134283	39.534 ug/ml
4) T n-Dodecane (C12)	6.495	5597078	38.288 ug/ml
5) T A~2-methylnaphthalene...	7.124	5866633	39.835 ug/ml
6) T n-Tetradecane (C14)	8.295	5965615	41.802 ug/ml
7) T n-Hexadecane (C16)	9.898	6180269	42.871 ug/ml
8) T n-Octadecane (C18)	11.343	6022518	42.588 ug/ml
10) T n-Eicosane (C20)	12.655	5976067	45.367 ug/ml
11) T n-Heneicosane (C21)	13.268	5683661	44.563 ug/ml
13) T n-Docosane (C22)	13.855	5527523	44.248 ug/ml
14) T n-Tetracosane (C24)	14.953	10538226	87.330 ug/ml
15) T n-Hexacosane (C26)	15.984	5046850	43.677 ug/ml
16) T n-Octacosane (C28)	16.934	4821376	43.014 ug/ml
17) T n-Tricontane (C30)	17.824	4747838	41.467 ug/ml
18) T n-Dotriacontane (C32)	18.657	4691762	42.237 ug/ml
19) T n-Tetratriacontane (C34)	19.441	4810327	47.242 ug/ml
20) T n-Hexatriacontane (C36)	20.182	4570213	51.256 ug/ml
21) T n-Octatriacontane (C38)	20.947	4612194	57.335 ug/ml
22) T n-Tetracontane (C40)	21.911	4482488	59.861 ug/ml

(f)=RT Delta > 1/2 Window

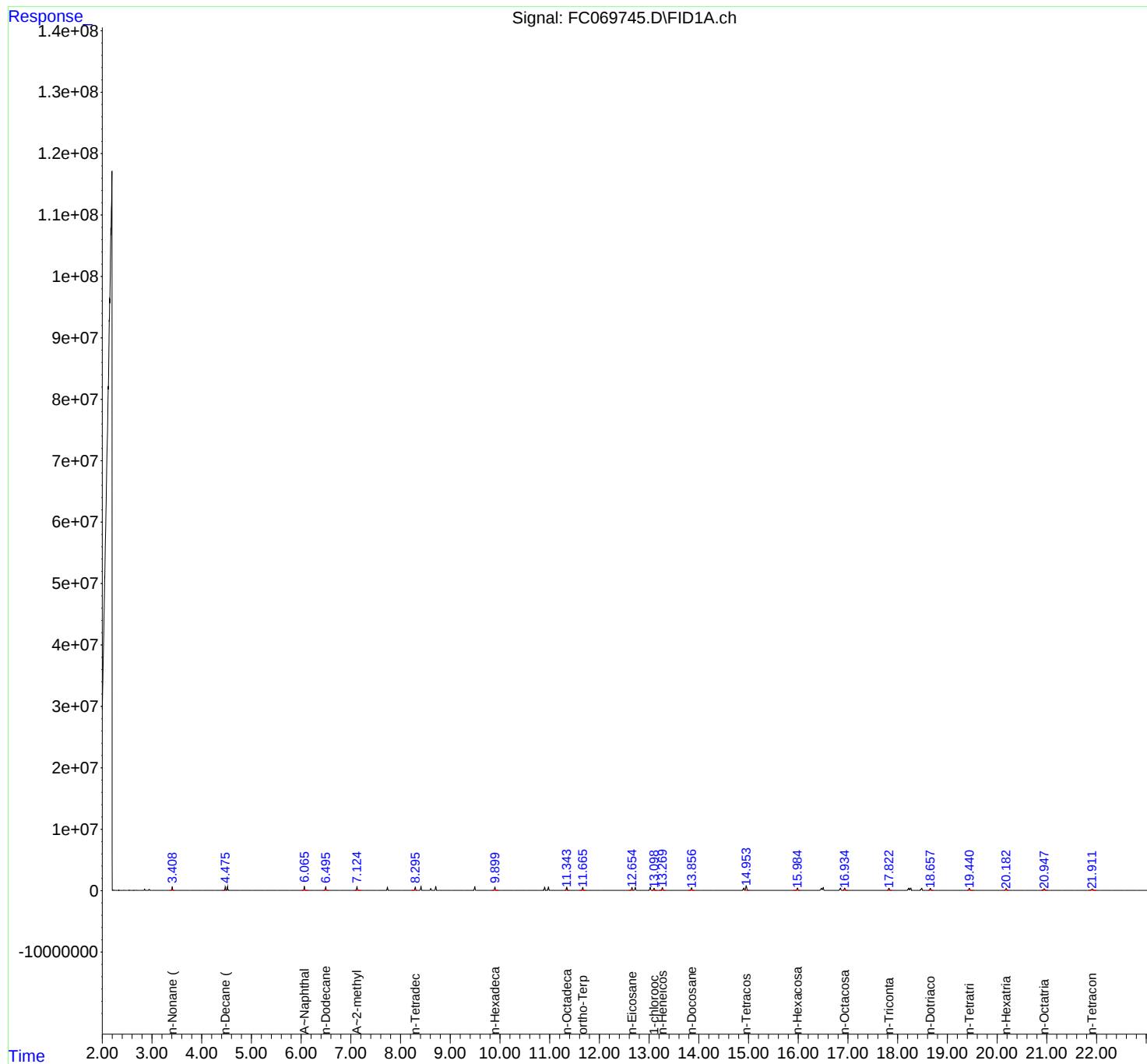
(m)=manual int.

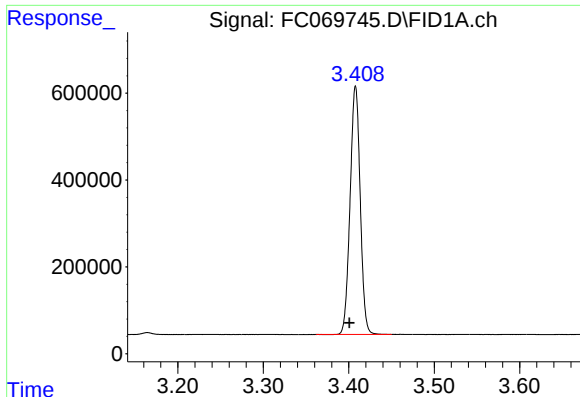
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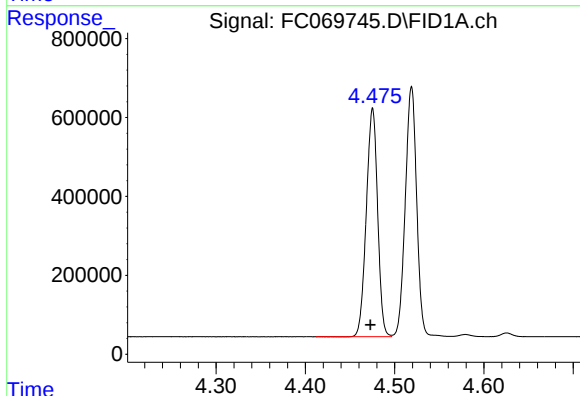




#1 n-Nonane (C9)

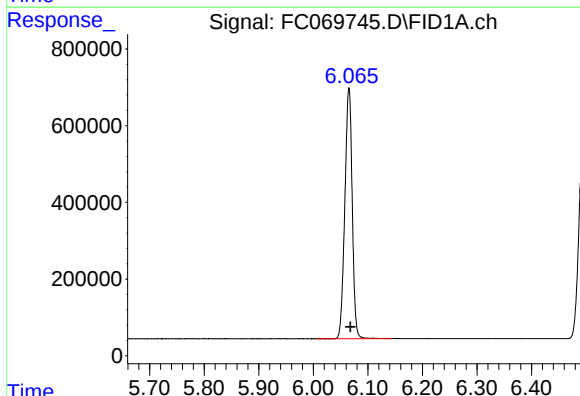
R.T.: 3.408 min
Delta R.T.: 0.007 min
Response: 4703943
Conc: 33.02 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169395BSD



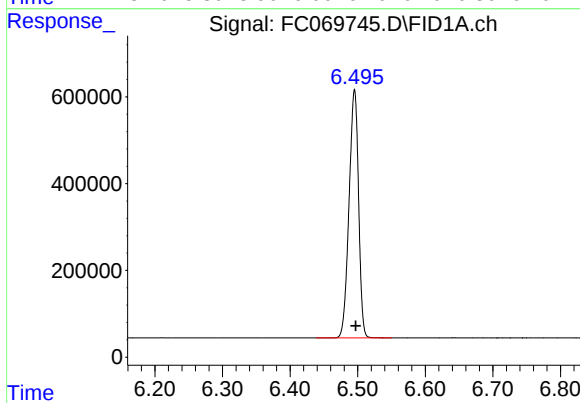
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 5098957
Conc: 35.07 ug/ml



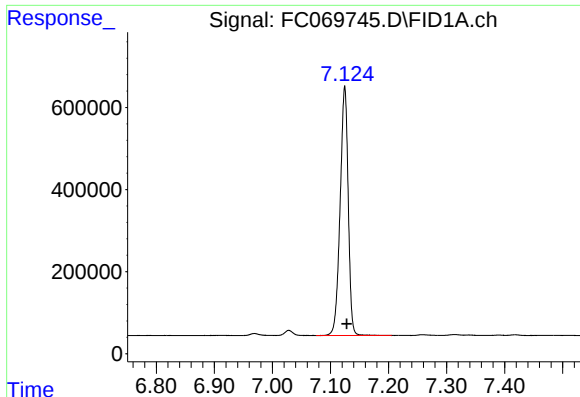
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.003 min
Response: 6134283
Conc: 39.53 ug/ml



#4 n-Dodecane (C12)

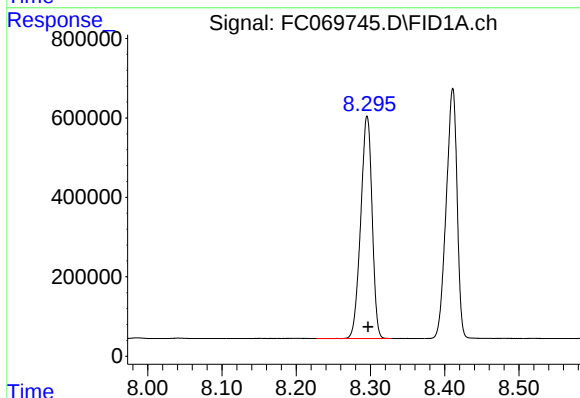
R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 5597078
Conc: 38.29 ug/ml



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

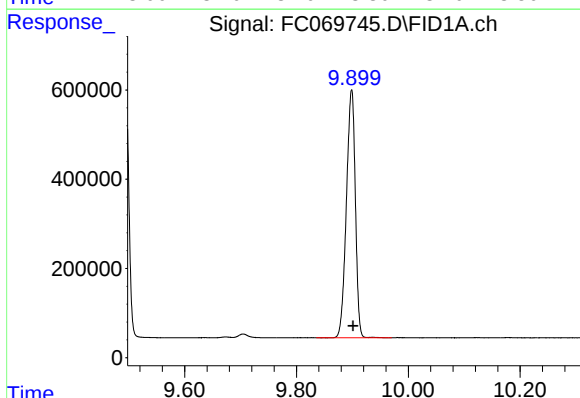
R.T.: 7.124 min
Delta R.T.: -0.004 min
Response: 5866633
Conc: 39.83 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169395BSD



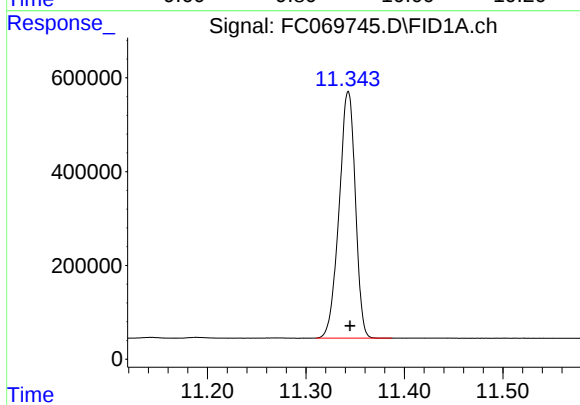
#6 n-Tetradecane (C14)

R.T.: 8.295 min
Delta R.T.: -0.001 min
Response: 5965615
Conc: 41.80 ug/ml



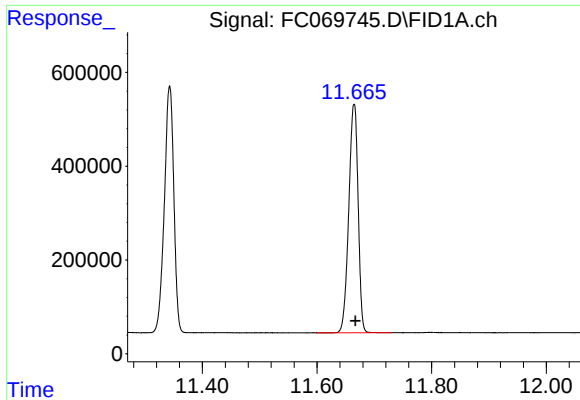
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.003 min
Response: 6180269
Conc: 42.87 ug/ml



#8 n-Octadecane (C18)

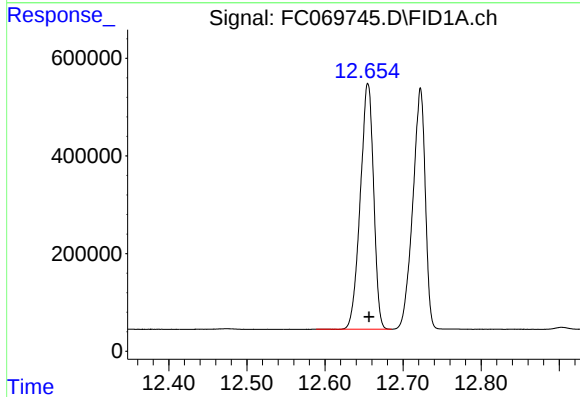
R.T.: 11.343 min
Delta R.T.: -0.002 min
Response: 6022518
Conc: 42.59 ug/ml



#9 ortho-Terphenyl (SURR)

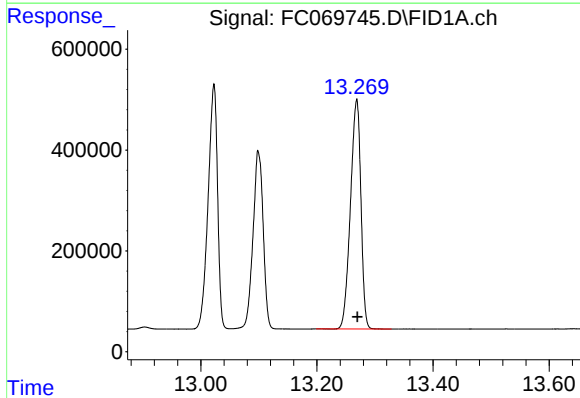
R.T.: 11.665 min
Delta R.T.: -0.002 min
Response: 5509678
Conc: 36.93 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169395BSD



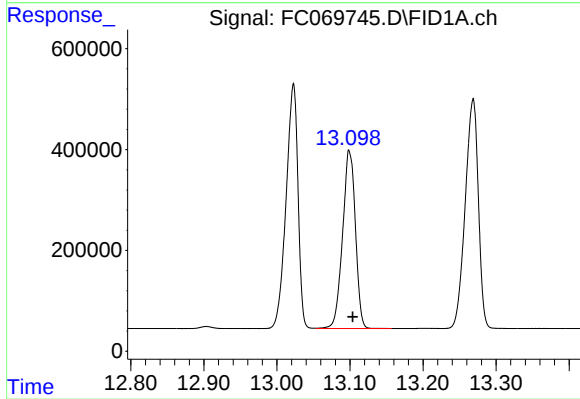
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: -0.001 min
Response: 5976067
Conc: 45.37 ug/ml



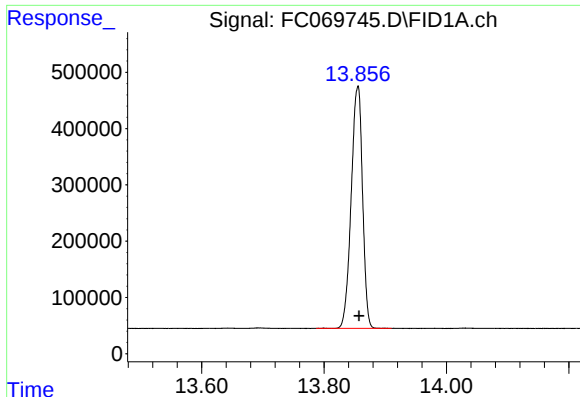
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: -0.001 min
Response: 5683661
Conc: 44.56 ug/ml



#12 1-chlorooctadecane (SURR)

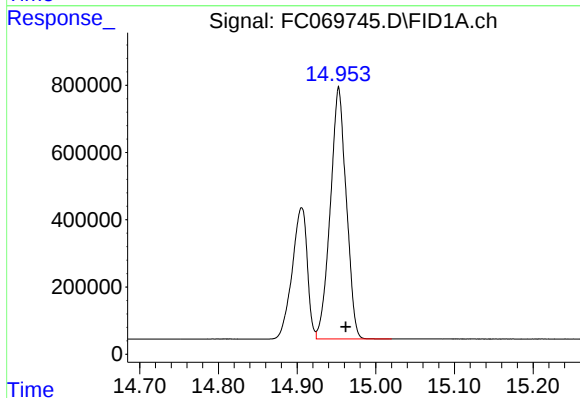
R.T.: 13.099 min
Delta R.T.: -0.004 min
Response: 4315820
Conc: 39.59 ug/ml



#13 n-Docosane (C22)

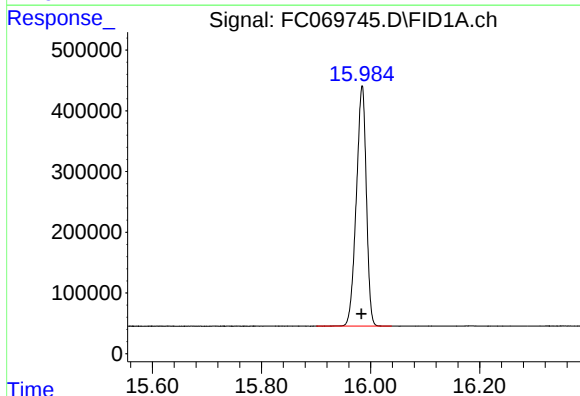
R.T.: 13.855 min
Delta R.T.: -0.002 min
Response: 5527523
Conc: 44.25 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169395BSD



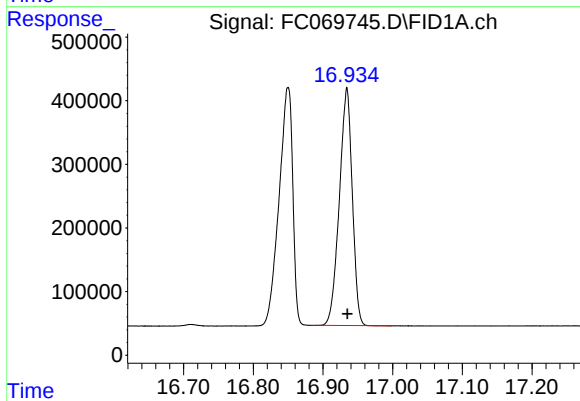
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: -0.009 min
Response: 10538226
Conc: 87.33 ug/ml



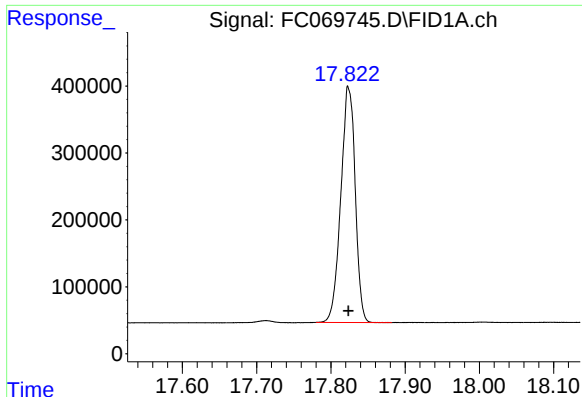
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.000 min
Response: 5046850
Conc: 43.68 ug/ml



#16 n-Octacosane (C28)

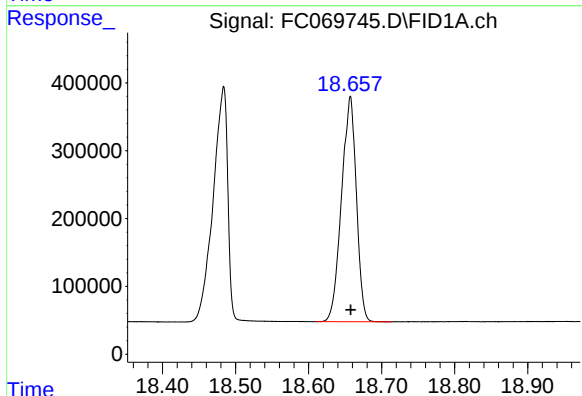
R.T.: 16.934 min
Delta R.T.: -0.001 min
Response: 4821376
Conc: 43.01 ug/ml



#17 n-Tricontane (C30)

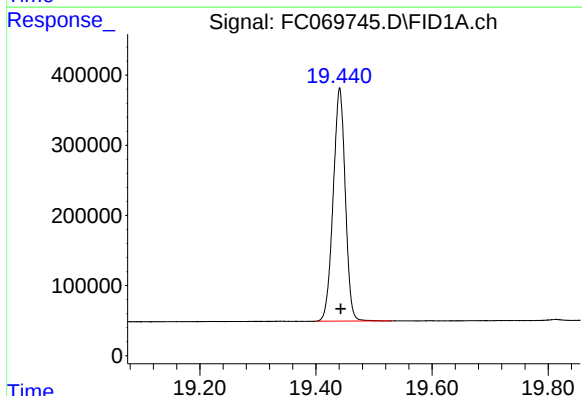
R.T.: 17.824 min
Delta R.T.: 0.000 min
Response: 4747838
Conc: 41.47 ug/ml

Instrument :
FID_C
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PB169395BSD



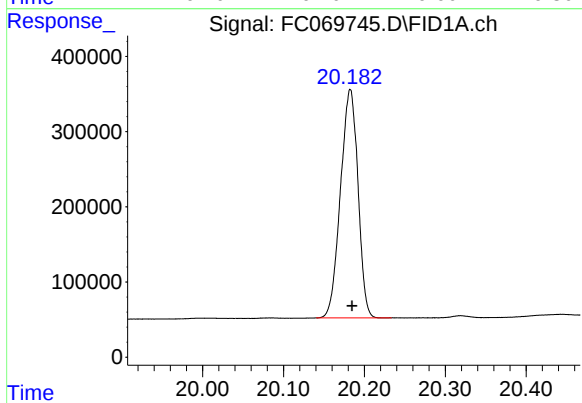
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: 0.000 min
Response: 4691762
Conc: 42.24 ug/ml



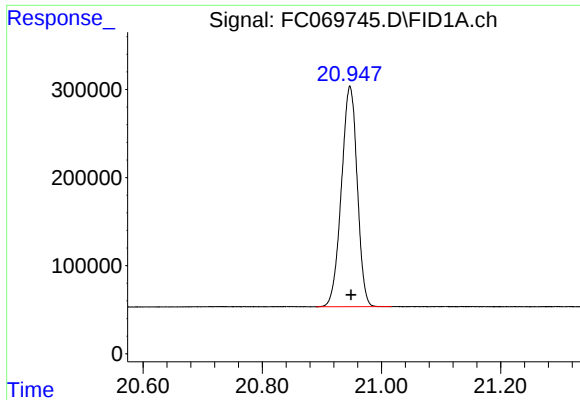
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.002 min
Response: 4810327
Conc: 47.24 ug/ml



#20 n-Hexatriacontane (C36)

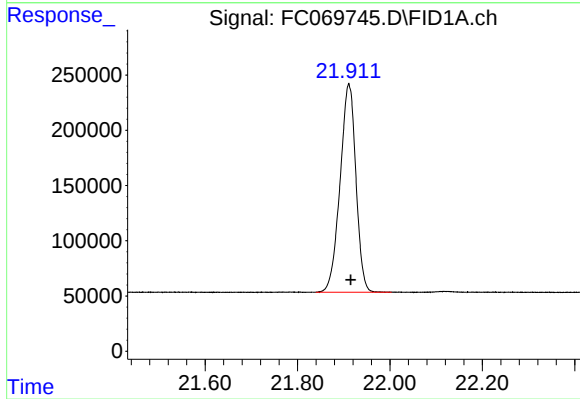
R.T.: 20.182 min
Delta R.T.: -0.002 min
Response: 4570213
Conc: 51.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: -0.002 min
Response: 4612194
Conc: 57.34 ug/ml

Instrument :
FID_C
ClientSampleId :
PB169395BSD



#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.004 min
Response: 4482488
Conc: 59.86 ug/ml