

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050925AL\
 Data File : FC068818.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2025 18:18
 Operator : YP/AJ
 Sample : Q1983-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-636-04MSD

Integration File: autoint1.e
 Quant Time: May 09 23:08:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.710	4122755	36.120 ug/ml
Spiked Amount 50.000		Recovery =	72.24%
12) S 1-chlorooctadecane (S...	13.143	3221314	40.153 ug/ml
Spiked Amount 50.000		Recovery =	80.31%
Target Compounds			
1) T n-Nonane (C9)	3.442	3015595	29.982 ug/ml
2) T n-Decane (C10)	4.519	3552939	35.657 ug/ml
3) T A~Naphthalene (C11.7)	6.115	4404958	39.950 ug/ml
4) T n-Dodecane (C12)	6.543	3882664	39.954 ug/ml
5) T A~2-methylnaphthalene...	7.173	4159852	38.757 ug/ml
6) T n-Tetradecane (C14)	8.342	4188416	45.317 ug/ml
7) T n-Hexadecane (C16)	9.944	4520026	50.478 ug/ml
8) T n-Octadecane (C18)	11.387	4680410	53.357 ug/ml
10) T n-Eicosane (C20)	12.698	4849386	56.906 ug/ml
11) T n-Heneicosane (C21)	13.311	4631464	54.911 ug/ml
13) T n-Docosane (C22)	13.897	4614163	55.155 ug/ml
14) T n-Tetracosane (C24)	14.995	9580823	115.145 ug/ml
15) T n-Hexacosane (C26)	16.026	4511748	54.455 ug/ml
16) T n-Octacosane (C28)	16.974	4530078	54.813 ug/ml
17) T n-Tricontane (C30)	17.865	4528760	53.524 ug/ml
18) T n-Dotriacontane (C32)	18.697	4526092	52.546 ug/ml
19) T n-Tetratriacontane (C34)	19.482	4587858	53.848 ug/ml
20) T n-Hexatriacontane (C36)	20.222	4405405	51.256 ug/ml
21) T n-Octatriacontane (C38)	20.996	4401694	52.474 ug/ml
22) T n-Tetracontane (C40)	21.977	4372248	53.349 ug/ml

(f)=RT Delta > 1/2 Window

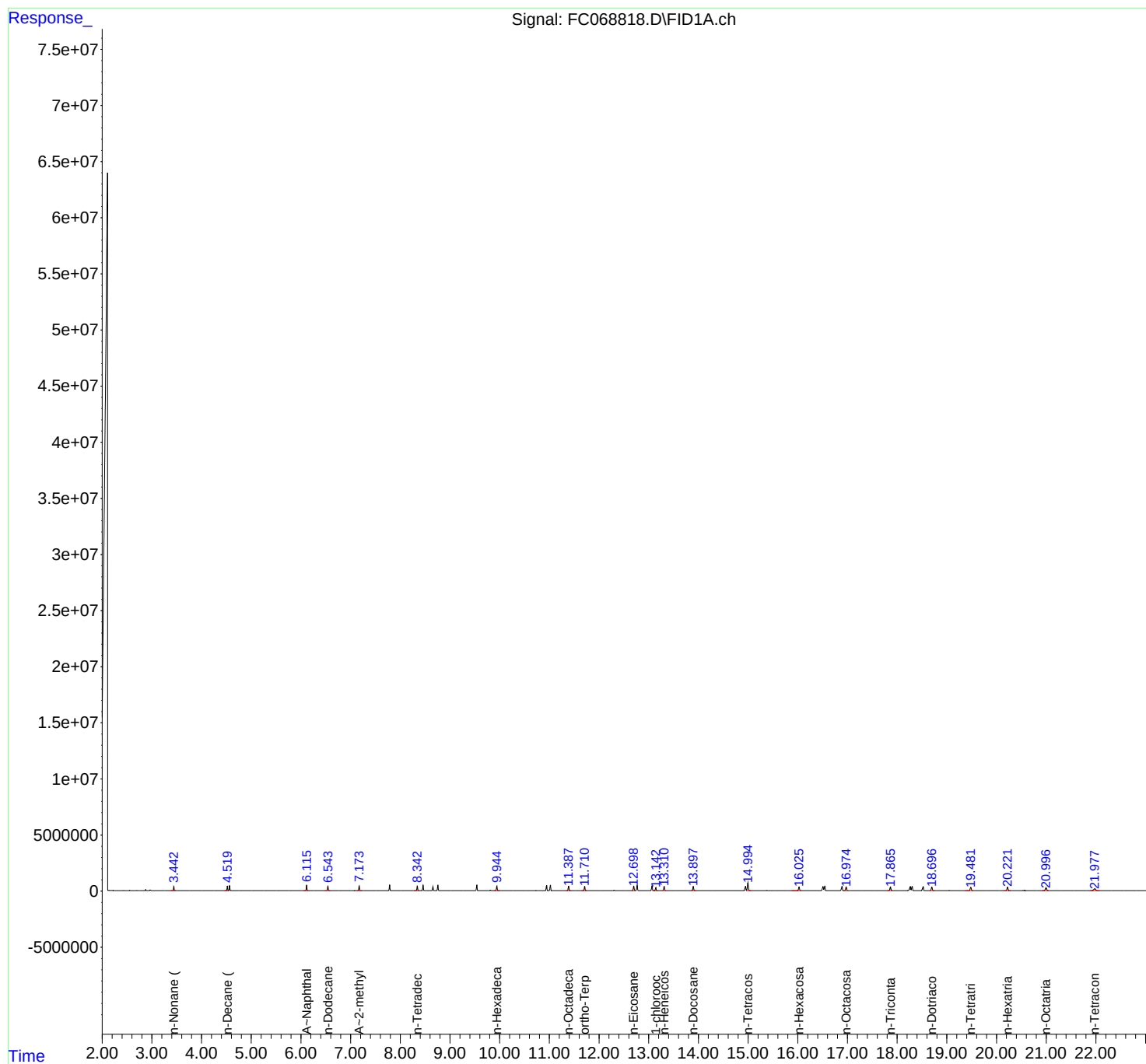
(m)=manual int.

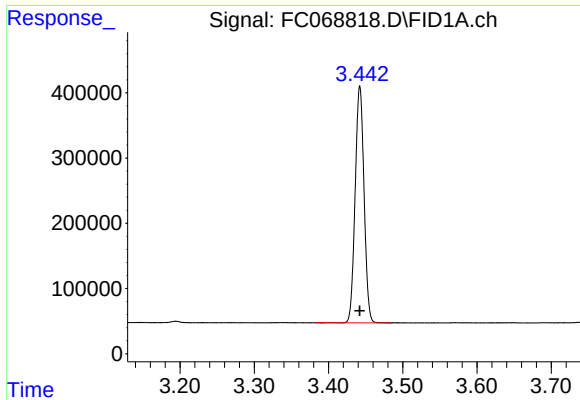
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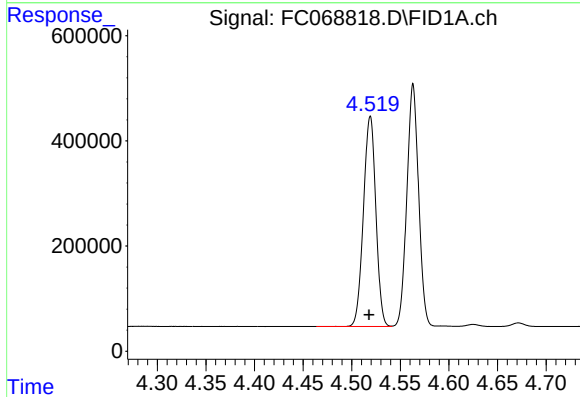




#1 n-Nonane (C9)

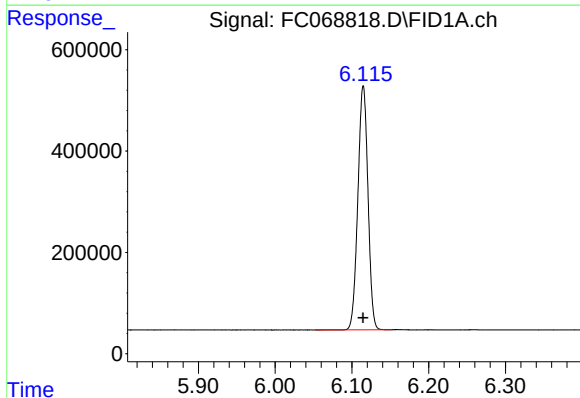
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 3015595
Conc: 29.98 ug/ml

Instrument :
FID_C
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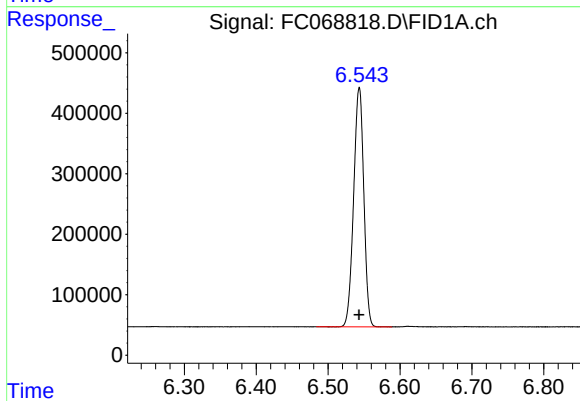
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.001 min
Response: 3552939
Conc: 35.66 ug/ml



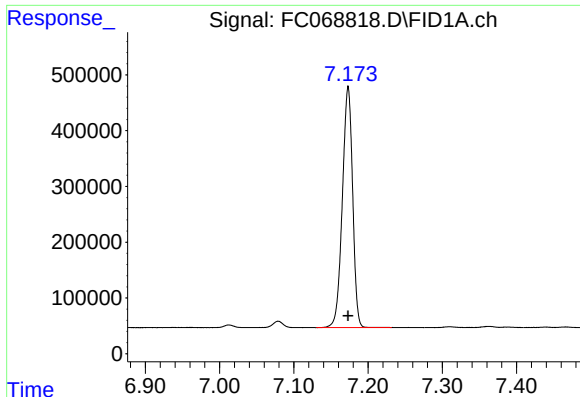
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 4404958
Conc: 39.95 ug/ml



#4 n-Dodecane (C12)

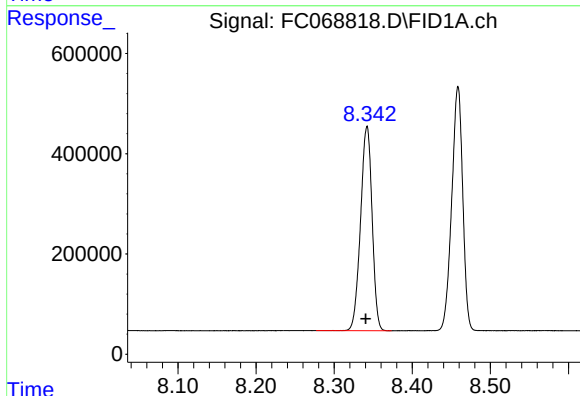
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 3882664
Conc: 39.95 ug/ml



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

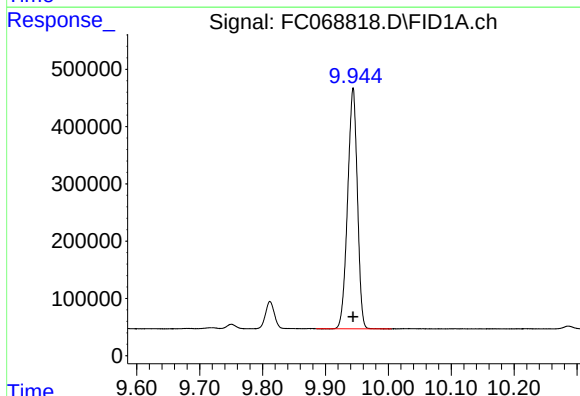
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 4159852
Conc: 38.76 ug/ml

Instrument :
FID_C
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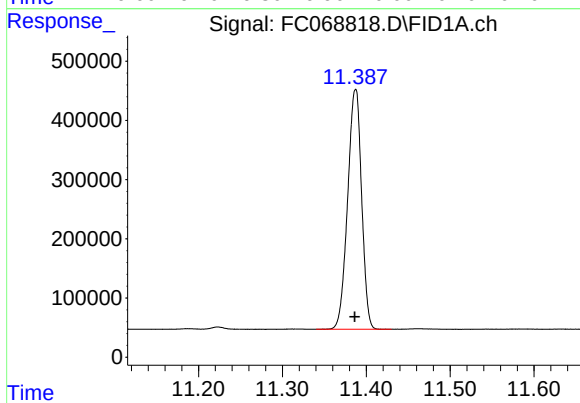
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: 0.001 min
Response: 4188416
Conc: 45.32 ug/ml



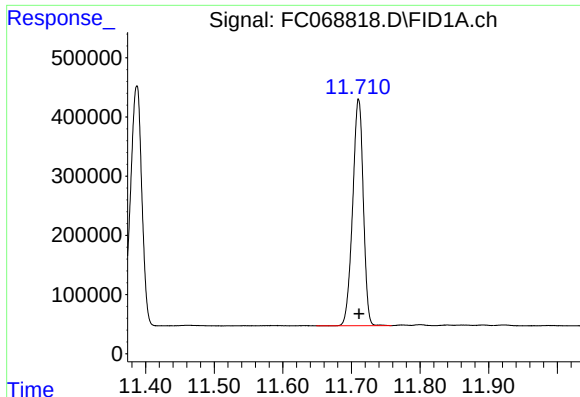
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: 0.000 min
Response: 4520026
Conc: 50.48 ug/ml



#8 n-Octadecane (C18)

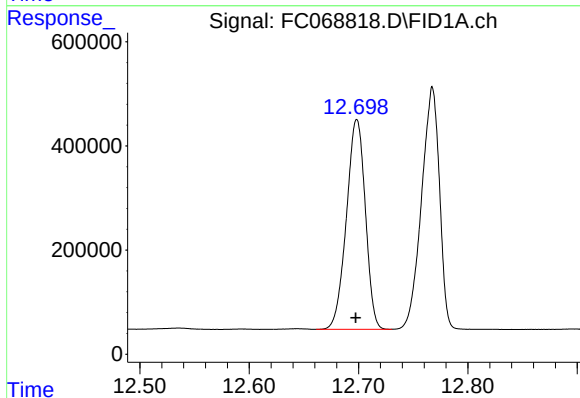
R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 4680410
Conc: 53.36 ug/ml



#9 ortho-Terphenyl (SURR)

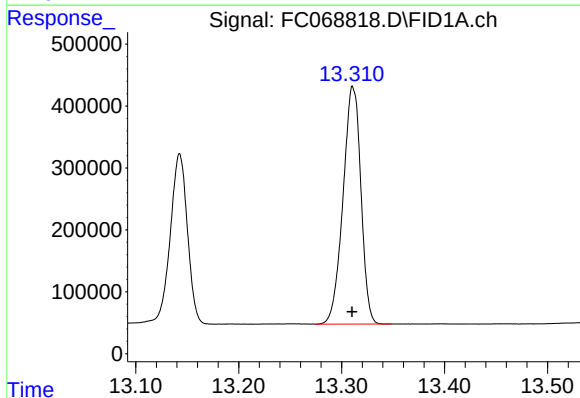
R.T.: 11.710 min
Delta R.T.: 0.000 min
Response: 4122755
Conc: 36.12 ug/ml

Instrument :
FID_C
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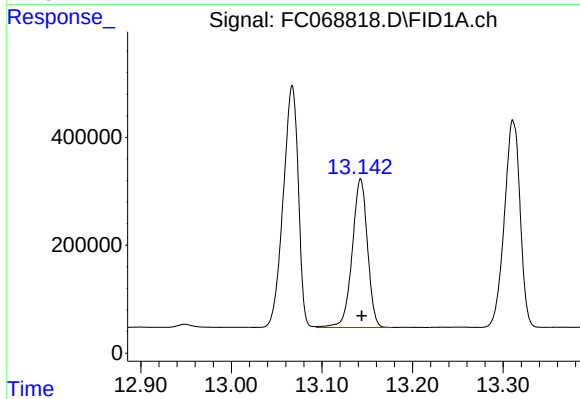
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: 0.001 min
Response: 4849386
Conc: 56.91 ug/ml



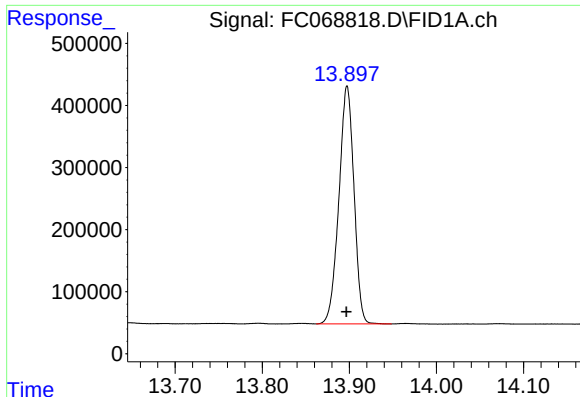
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 4631464
Conc: 54.91 ug/ml



#12 1-chlorooctadecane (SURR)

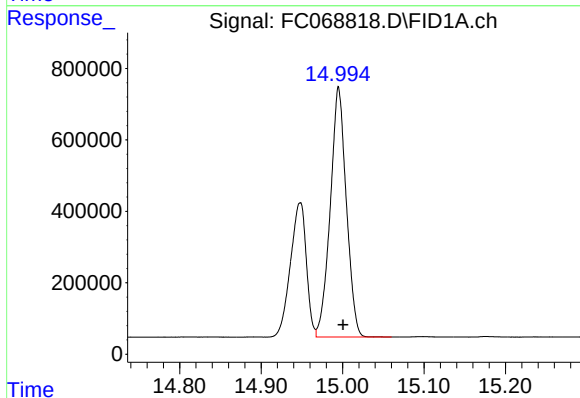
R.T.: 13.143 min
Delta R.T.: -0.001 min
Response: 3221314
Conc: 40.15 ug/ml



#13 n-Docosane (C22)

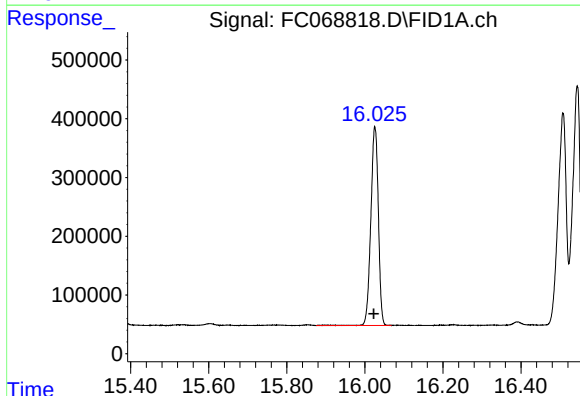
R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 4614163
Conc: 55.15 ug/ml

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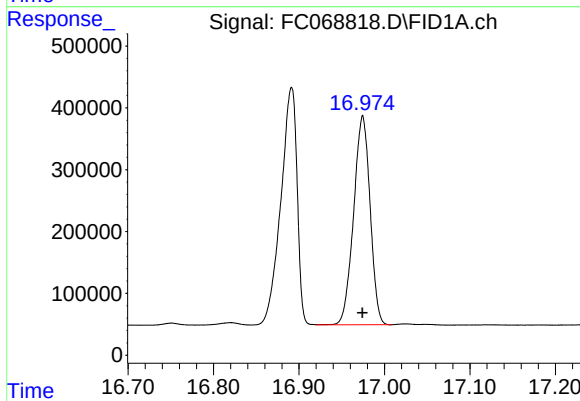
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.006 min
Response: 9580823
Conc: 115.14 ug/ml



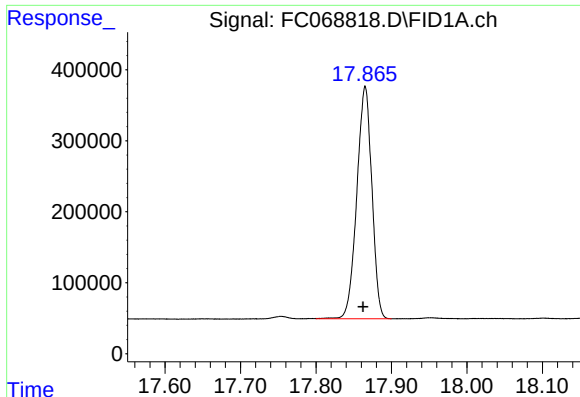
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 4511748
Conc: 54.45 ug/ml



#16 n-Octacosane (C28)

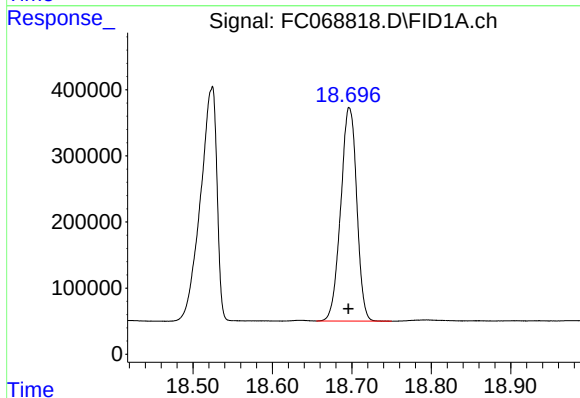
R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 4530078
Conc: 54.81 ug/ml



#17 n-Tricontane (C30)

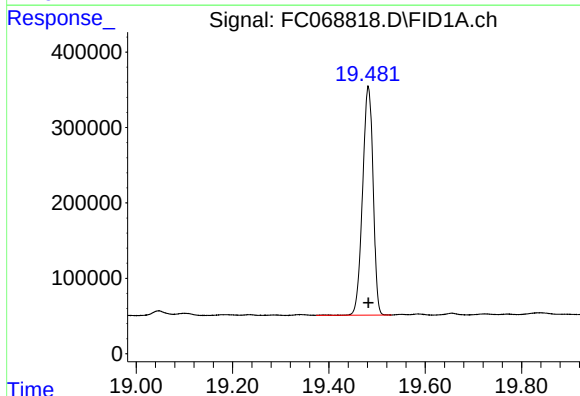
R.T.: 17.865 min
Delta R.T.: 0.003 min
Response: 4528760
Conc: 53.52 ug/ml

Instrument :
FID_C
ClientSampleId :
OR-636-04MSD



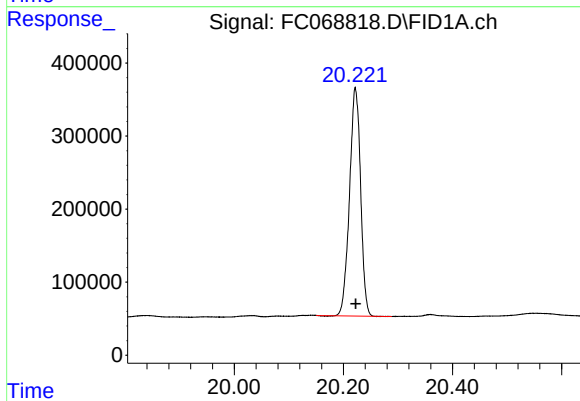
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: 0.002 min
Response: 4526092
Conc: 52.55 ug/ml



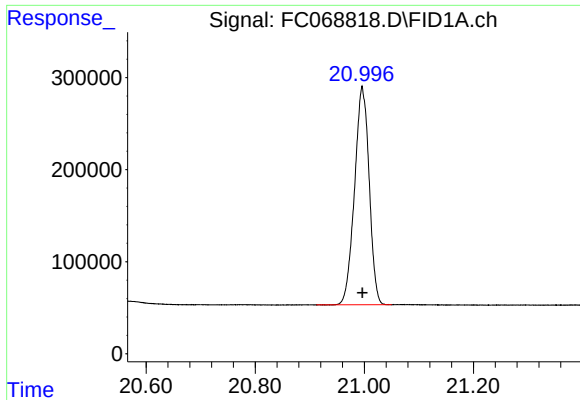
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: 0.000 min
Response: 4587858
Conc: 53.85 ug/ml



#20 n-Hexatriacontane (C36)

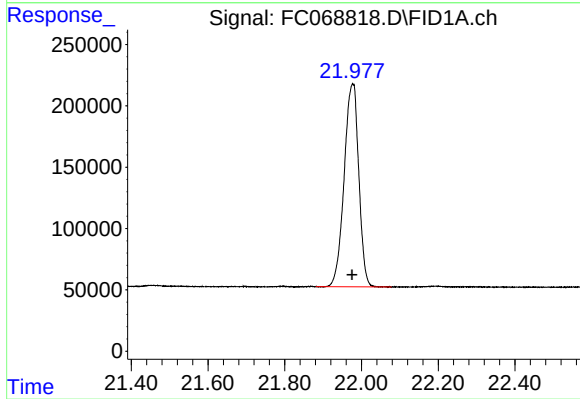
R.T.: 20.222 min
Delta R.T.: 0.000 min
Response: 4405405
Conc: 51.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: 0.000 min
Response: 4401694
Conc: 52.47 ug/ml

Instrument :
FID_C
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OR-636-04MSD



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: 0.002 min
Response: 4372248
Conc: 53.35 ug/ml