

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021224AL\
 Data File : FC065714.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2024 10:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 12 23:05:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 2024
 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)	11.489	3682553	21.469 ug/ml
Spiked Amount 50.000		Recovery =	42.94%
12) S 1-chlorooctadecane (S...	12.921	2721096	21.622 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
Target Compounds			
1) T n-Nonane (C9)	3.280	3253830	21.658 ug/ml
2) T n-Decane (C10)	4.343	3317803	21.821 ug/ml
3) T A~Naphthalene (C11.7)	5.928	3372300	21.868 ug/ml
4) T n-Dodecane (C12)	6.356	3333996	21.784 ug/ml
5) T A~2-methylnaphthalene...	6.983	3209269	22.537 ug/ml
6) T n-Tetradecane (C14)	8.145	3242734	21.842 ug/ml
7) T n-Hexadecane (C16)	9.740	3290489	21.942 ug/ml
8) T n-Octadecane (C18)	11.176	3343140	21.673 ug/ml
10) T n-Eicosane (C20)	12.478	3246370	21.588 ug/ml
11) T n-Heneicosane (C21)	13.088	3206784	21.442 ug/ml
13) T n-Docosane (C22)	13.670	3198026	21.560 ug/ml
14) T n-Tetracosane (C24)	14.767	3207719	21.574 ug/ml
15) T n-Hexacosane (C26)	15.784	3187041	21.506 ug/ml
16) T n-Octacosane (C28)	16.729	3177209	21.653 ug/ml
17) T n-Tricontane (C30)	17.613	3270256	21.785 ug/ml
18) T n-Dotriacontane (C32)	18.440	3243254	21.931 ug/ml
19) T n-Tetratriacontane (C34)	19.221	3133488	21.619 ug/ml
20) T n-Hexatriacontane (C36)	19.957	3050307	21.489 ug/ml
21) T n-Octatriacontane (C38)	20.673	2972903	21.002 ug/ml
22) T n-Tetracontane (C40)	21.543	2928565	20.995 ug/ml

(f)=RT Delta > 1/2 Window

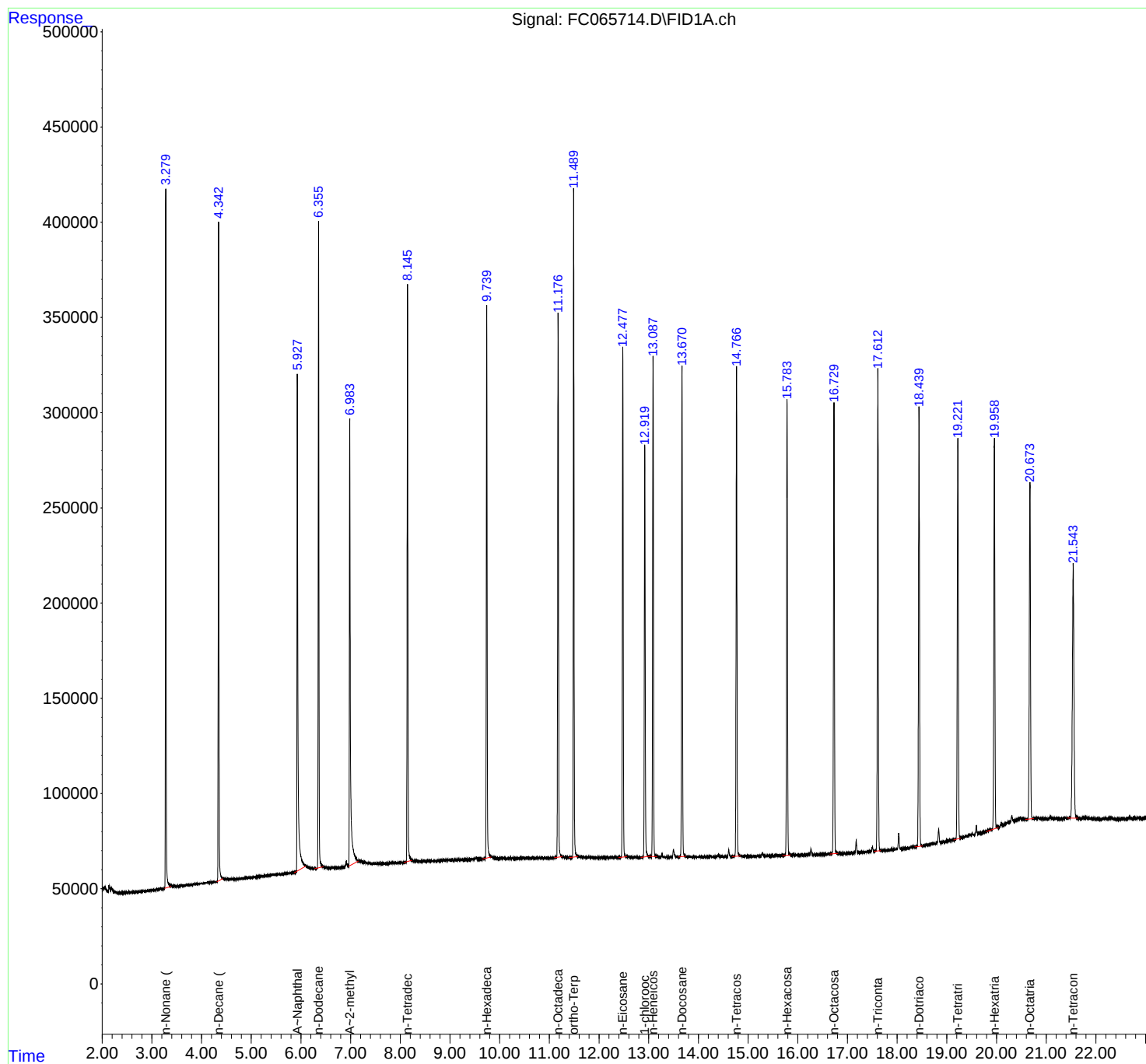
(m)=manual int.

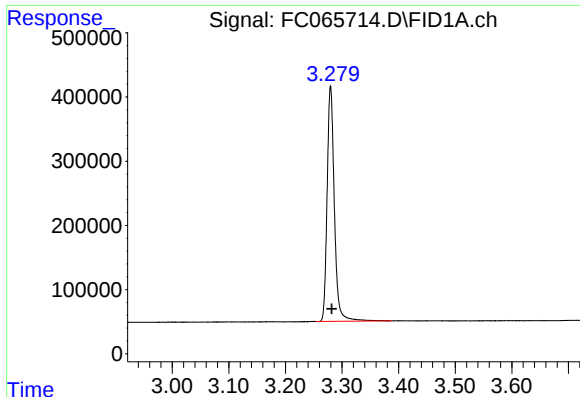
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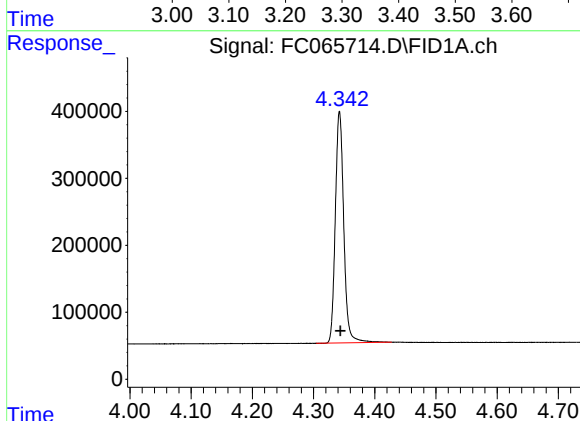




#1 n-Nonane (C9)

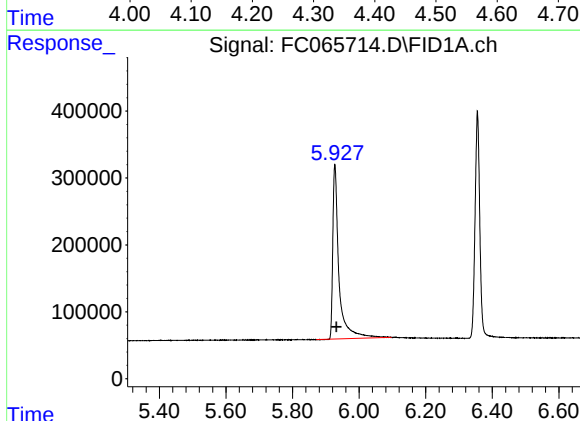
R.T.: 3.280 min
Delta R.T.: -0.002 min
Response: 3253830
Conc: 21.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



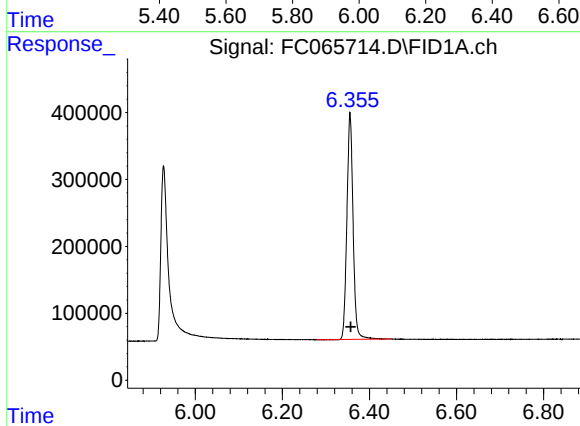
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: -0.002 min
Response: 3317803
Conc: 21.82 ug/ml



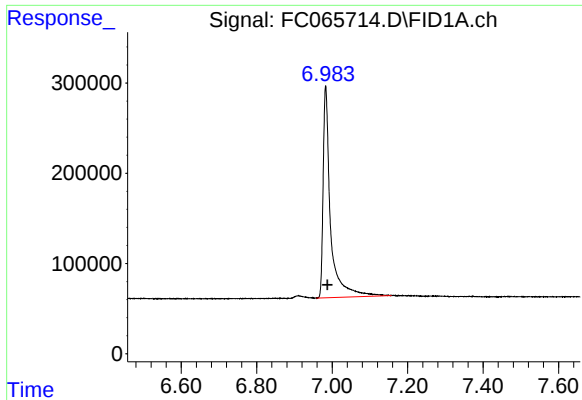
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.004 min
Response: 3372300
Conc: 21.87 ug/ml



#4 n-Dodecane (C12)

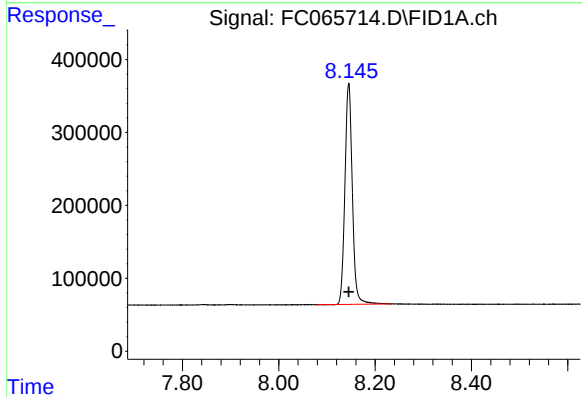
R.T.: 6.356 min
Delta R.T.: -0.001 min
Response: 3333996
Conc: 21.78 ug/ml



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

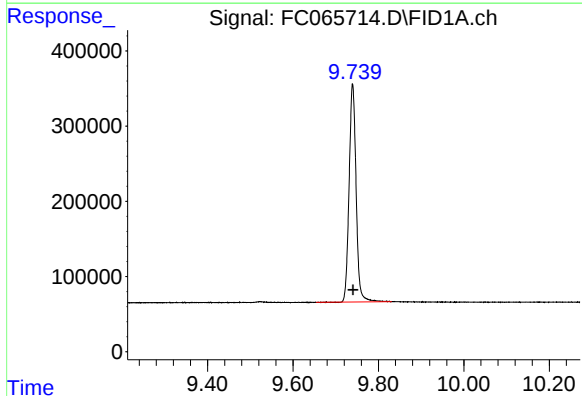
R.T.: 6.983 min
Delta R.T.: -0.004 min
Response: 3209269
Conc: 22.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



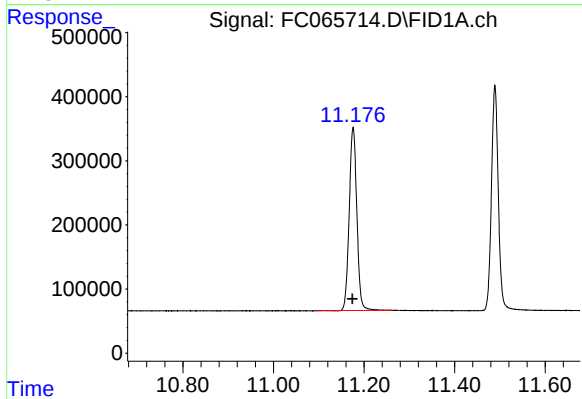
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 3242734
Conc: 21.84 ug/ml



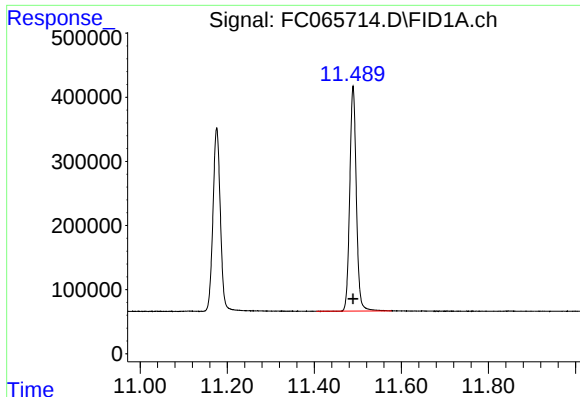
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: 0.000 min
Response: 3290489
Conc: 21.94 ug/ml



#8 n-Octadecane (C18)

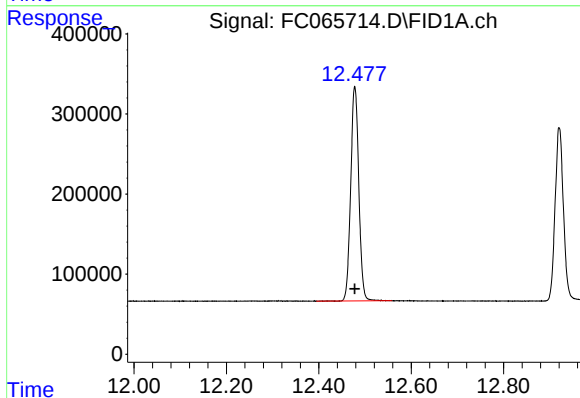
R.T.: 11.176 min
Delta R.T.: 0.001 min
Response: 3343140
Conc: 21.67 ug/ml



#9 ortho-Terphenyl (SURR)

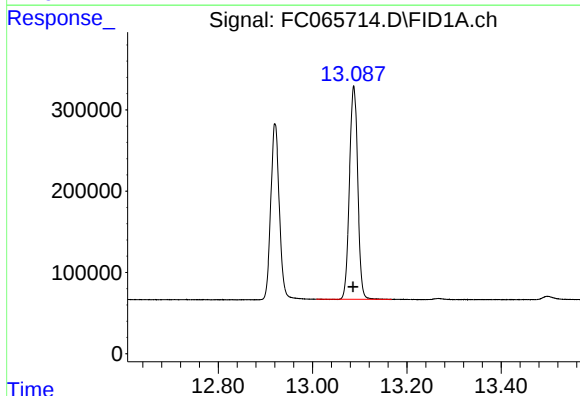
R.T.: 11.489 min
Delta R.T.: 0.000 min
Response: 3682553
Conc: 21.47 ug/ml

Instrument :
FID_C
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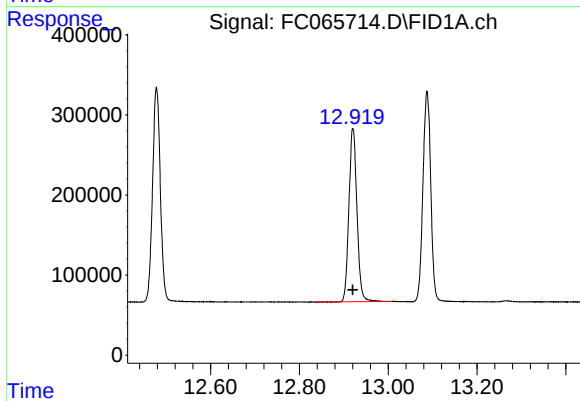
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: 0.000 min
Response: 3246370
Conc: 21.59 ug/ml



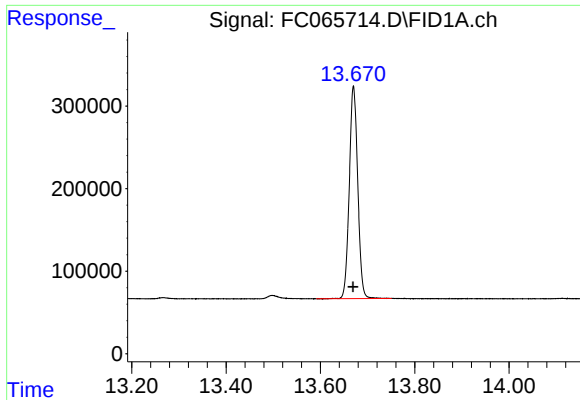
#11 n-Heneicosane (C21)

R.T.: 13.088 min
Delta R.T.: 0.001 min
Response: 3206784
Conc: 21.44 ug/ml



#12 1-chlorooctadecane (SURR)

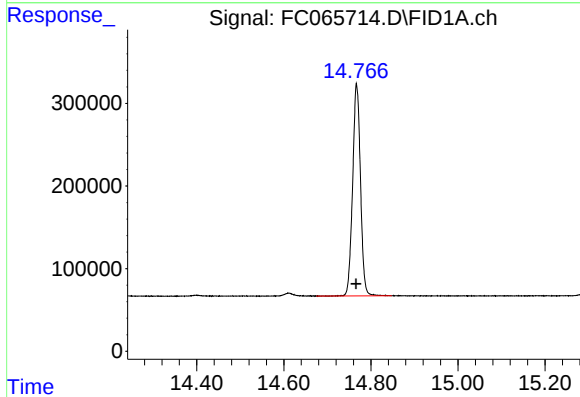
R.T.: 12.921 min
Delta R.T.: 0.000 min
Response: 2721096
Conc: 21.62 ug/ml



#13 n-Docosane (C22)

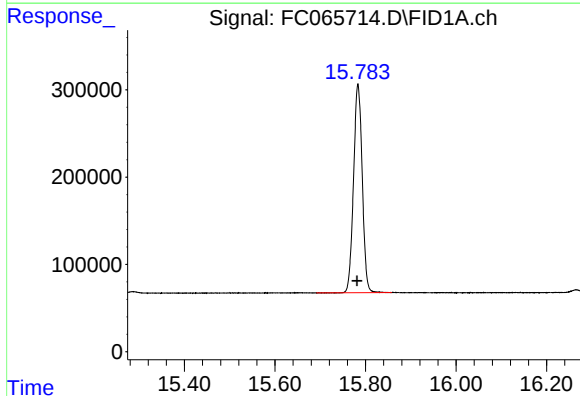
R.T.: 13.670 min
Delta R.T.: 0.001 min
Response: 3198026
Conc: 21.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



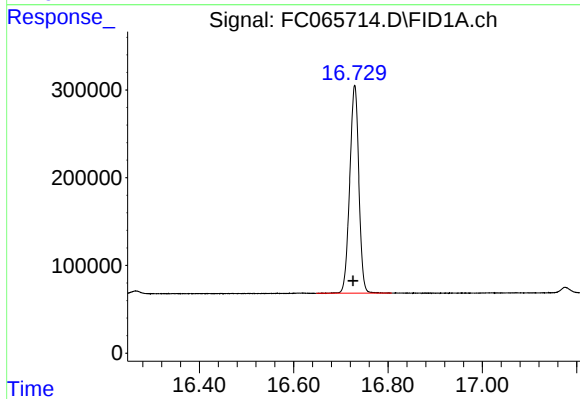
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: 0.002 min
Response: 3207719
Conc: 21.57 ug/ml



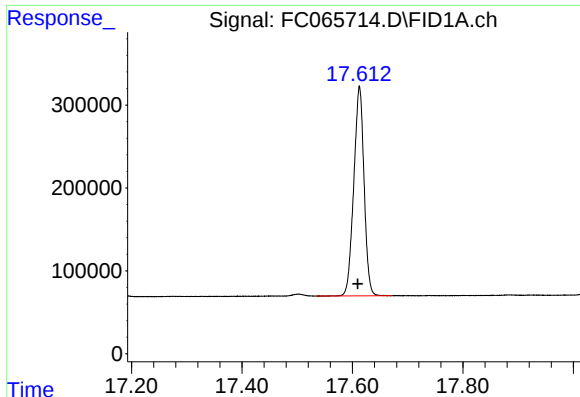
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.002 min
Response: 3187041
Conc: 21.51 ug/ml



#16 n-Octacosane (C28)

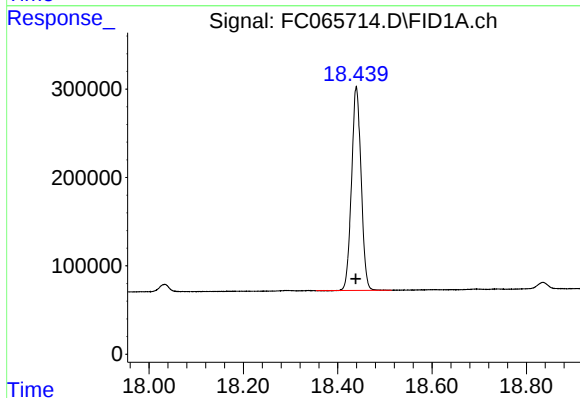
R.T.: 16.729 min
Delta R.T.: 0.003 min
Response: 3177209
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

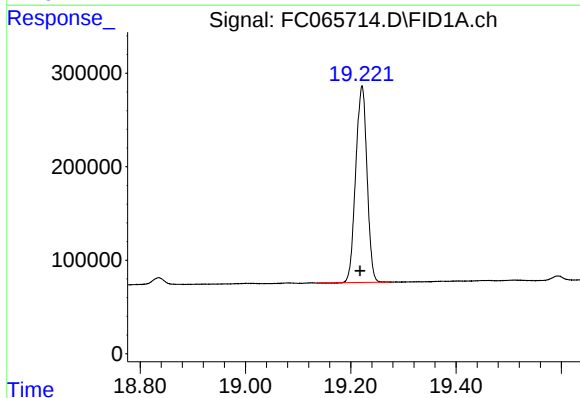
R.T.: 17.613 min
Delta R.T.: 0.003 min
Response: 3270256
Conc: 21.78 ug/ml

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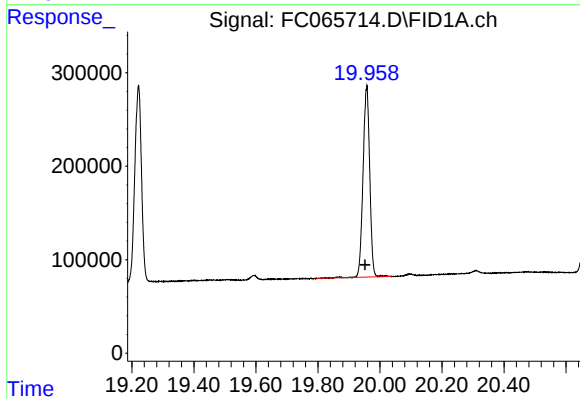
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: 0.002 min
Response: 3243254
Conc: 21.93 ug/ml



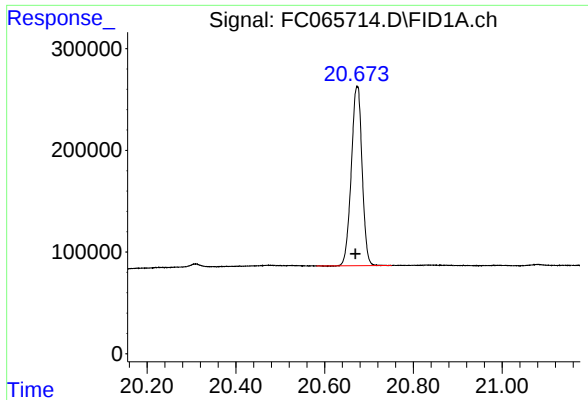
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min
Delta R.T.: 0.004 min
Response: 3133488
Conc: 21.62 ug/ml



#20 n-Hexatriacontane (C36)

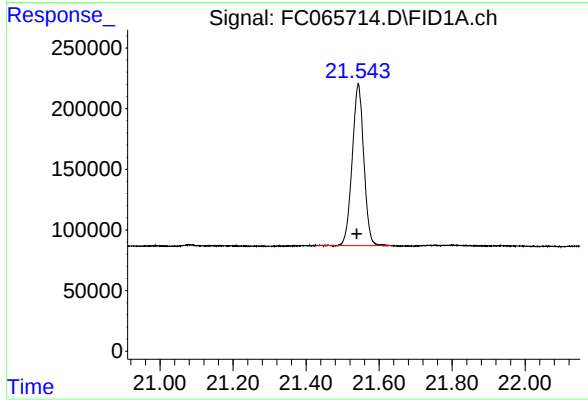
R.T.: 19.957 min
Delta R.T.: 0.004 min
Response: 3050307
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.673 min
Delta R.T.: 0.004 min
Response: 2972903
Conc: 21.00 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.543 min
Delta R.T.: 0.004 min
Response: 2928565
Conc: 21.00 ug/ml