

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068073.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 20:05
 Operator : YP/AJ
 Sample : PB165783BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165783BS

Integration File: autoint1.e
 Quant Time: Dec 21 01:55:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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			
12) S 1-chlorooctadecane (S...	12.885	5807393	45.515 ug/ml
Spiked Amount 50.000		Recovery =	91.03%
Target Compounds			
1) T n-Nonane (C9)	3.242	2552792	16.431 ug/ml
2) T n-Decane (C10)	4.301	3792264	23.922 ug/ml
4) T n-Dodecane (C12)	6.313	5596686	34.759 ug/ml
6) T n-Tetradecane (C14)	8.104	6914238	43.487 ug/ml
7) T n-Hexadecane (C16)	9.700	7531306	46.618 ug/ml
8) T n-Octadecane (C18)	11.139	7975465	49.678 ug/ml
10) T n-Eicosane (C20)	12.446	8157160	54.226 ug/ml
11) T n-Heneicosane (C21)	13.056	7808893	53.443 ug/ml
13) T n-Docosane (C22)	13.641	7715083	53.897 ug/ml
14) T n-Tetracosane (C24)	14.742	7444065	53.574 ug/ml
15) T n-Hexacosane (C26)	15.760	7202935	53.861 ug/ml
16) T n-Octacosane (C28)	16.708	6983355	53.838 ug/ml
17) T n-Tricontane (C30)	17.593	6955737	53.694 ug/ml
18) T n-Dotriacontane (C32)	18.425	6852065	55.309 ug/ml
19) T n-Tetratriacontane (C34)	19.206	6805072	62.347 ug/ml
20) T n-Hexatriacontane (C36)	19.946	6728183	71.116 ug/ml
21) T n-Octatriacontane (C38)	20.662	6750183	74.619 ug/ml
22) T n-Tetracontane (C40)	21.530	6742102	76.494 ug/ml

(f)=RT Delta > 1/2 Window

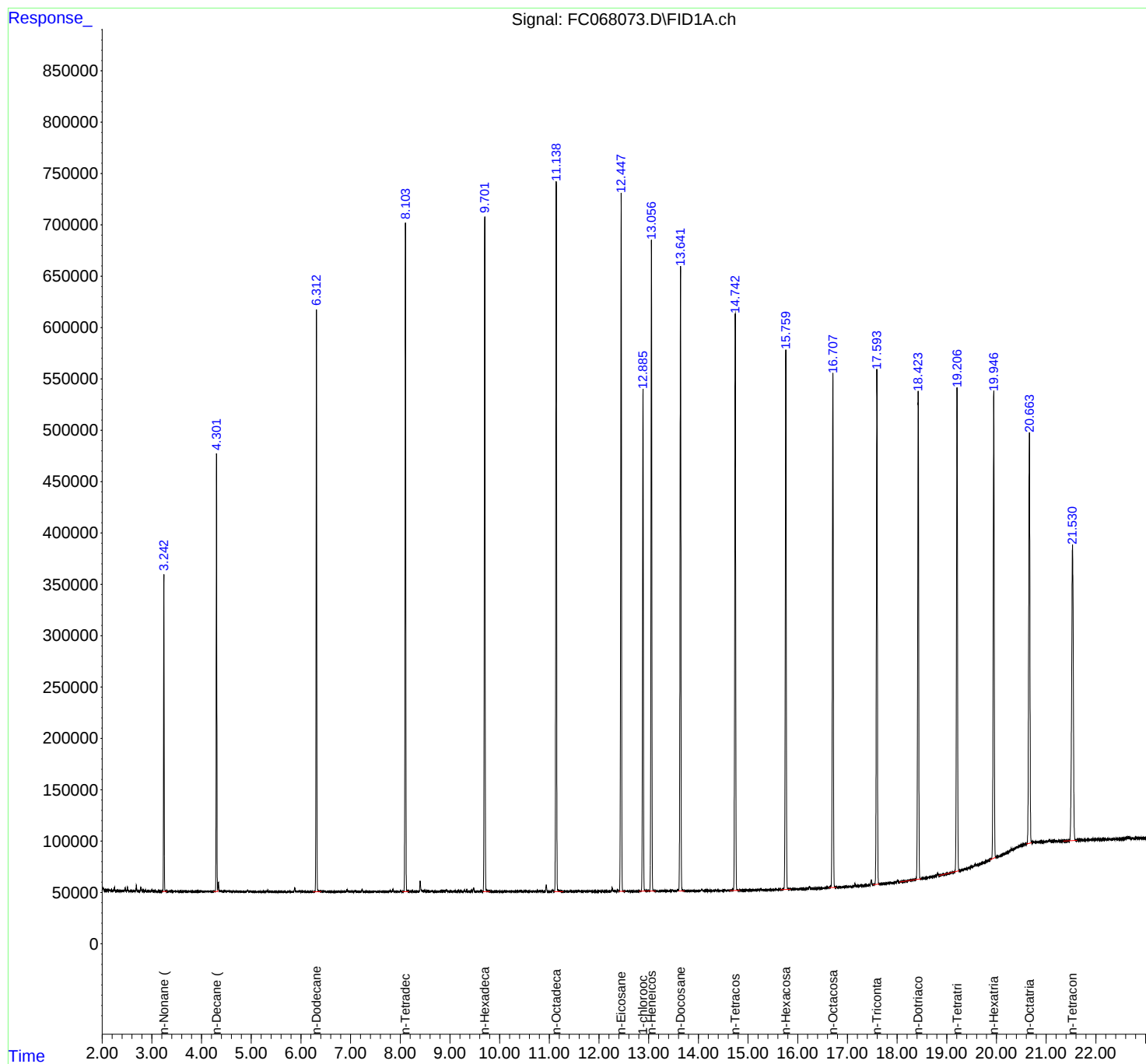
(m)=manual int.

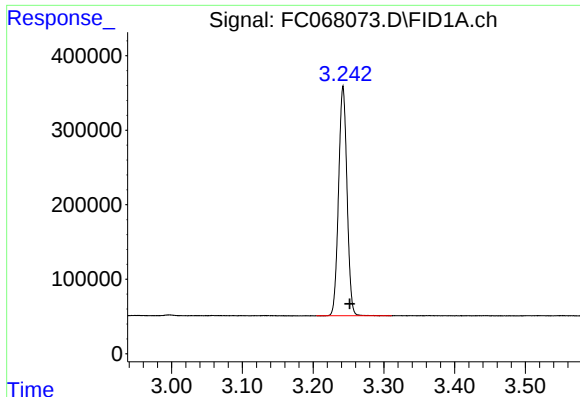
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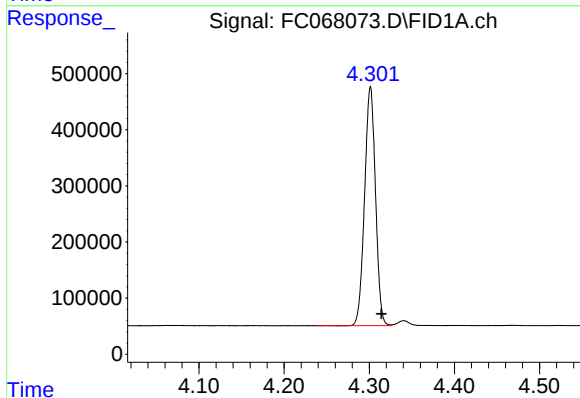




#1 n-Nonane (C9)

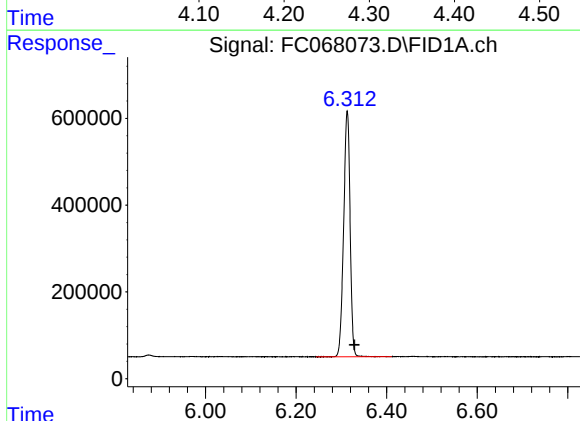
R.T.: 3.242 min
Delta R.T.: -0.010 min
Response: 2552792
Conc: 16.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165783BS



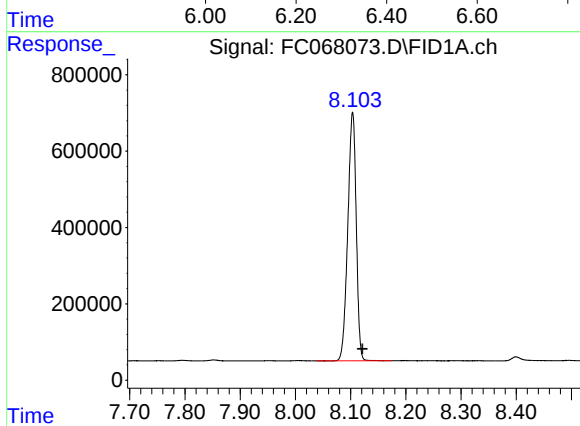
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.013 min
Response: 3792264
Conc: 23.92 ug/ml



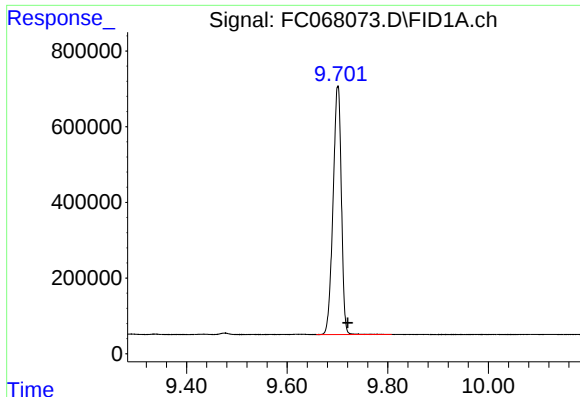
#4 n-Dodecane (C12)

R.T.: 6.313 min
Delta R.T.: -0.016 min
Response: 5596686
Conc: 34.76 ug/ml



#6 n-Tetradecane (C14)

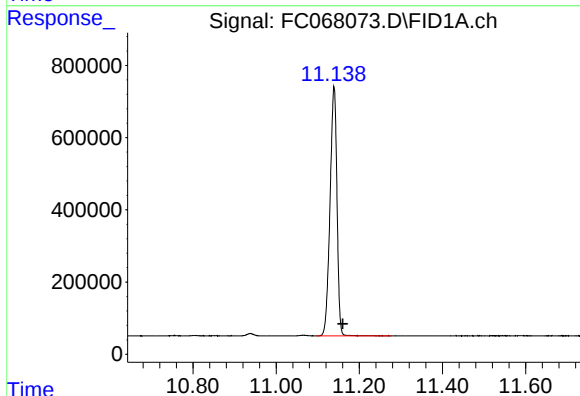
R.T.: 8.104 min
Delta R.T.: -0.018 min
Response: 6914238
Conc: 43.49 ug/ml



#7 n-Hexadecane (C16)

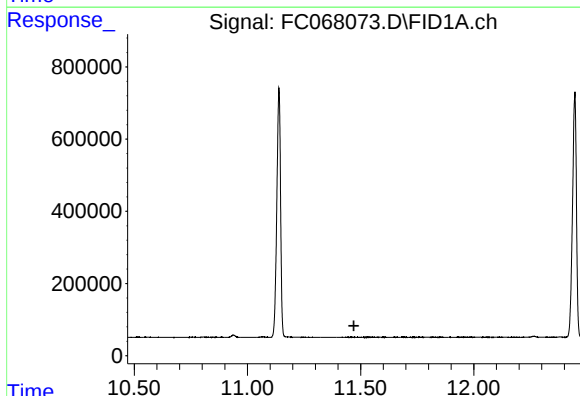
R.T.: 9.700 min
Delta R.T.: -0.020 min
Response: 7531306
Conc: 46.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165783BS



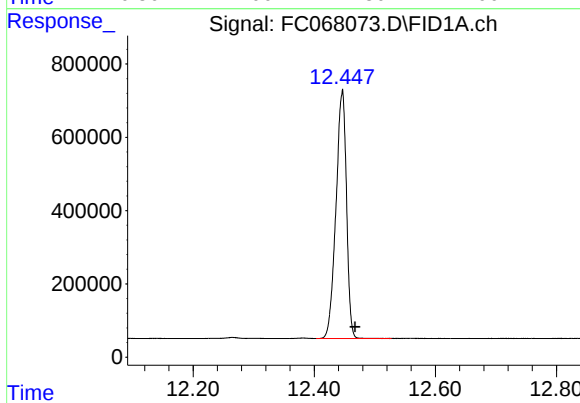
#8 n-Octadecane (C18)

R.T.: 11.139 min
Delta R.T.: -0.021 min
Response: 7975465
Conc: 49.68 ug/ml



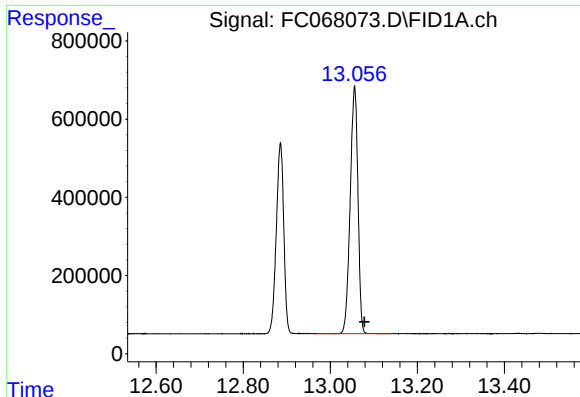
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.470 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

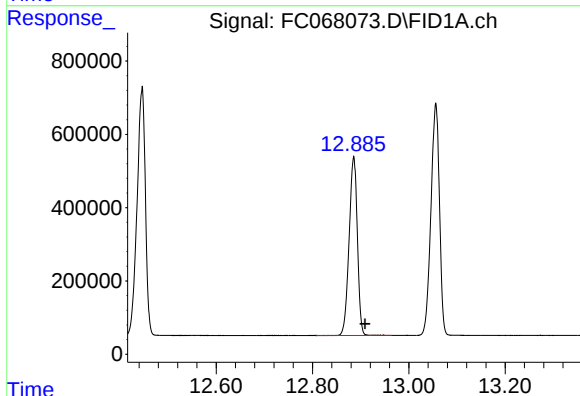
R.T.: 12.446 min
Delta R.T.: -0.021 min
Response: 8157160
Conc: 54.23 ug/ml



#11 n-Heneicosane (C21)

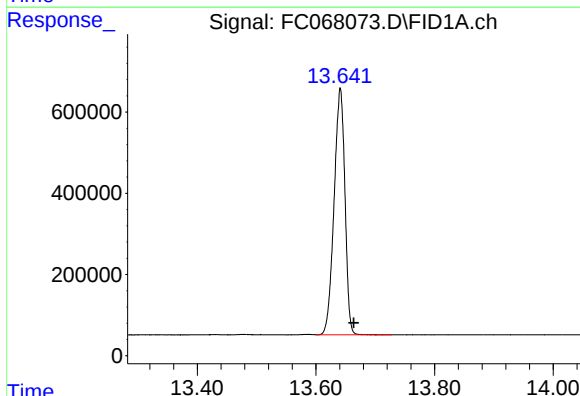
R.T.: 13.056 min
Delta R.T.: -0.023 min
Response: 7808893
Conc: 53.44 ug/ml

Instrument :
FID_C
ClientSampleId :
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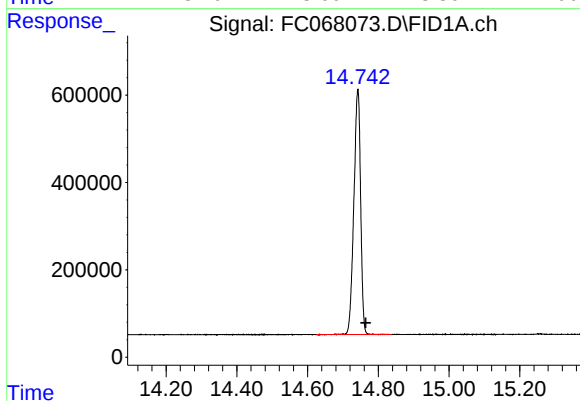
#12 1-chlorooctadecane (SURR)

R.T.: 12.885 min
Delta R.T.: -0.024 min
Response: 5807393
Conc: 45.51 ug/ml



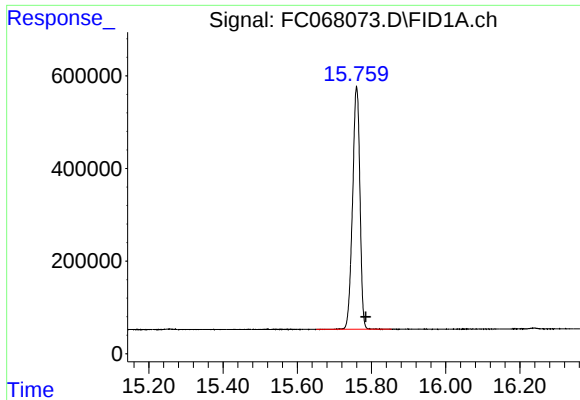
#13 n-Docosane (C22)

R.T.: 13.641 min
Delta R.T.: -0.023 min
Response: 7715083
Conc: 53.90 ug/ml



#14 n-Tetracosane (C24)

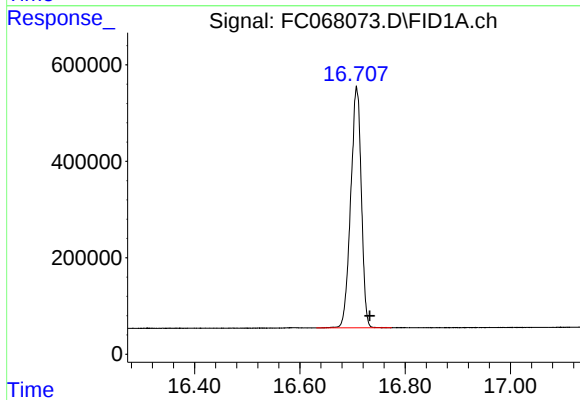
R.T.: 14.742 min
Delta R.T.: -0.023 min
Response: 7444065
Conc: 53.57 ug/ml



#15 n-Hexacosane (C26)

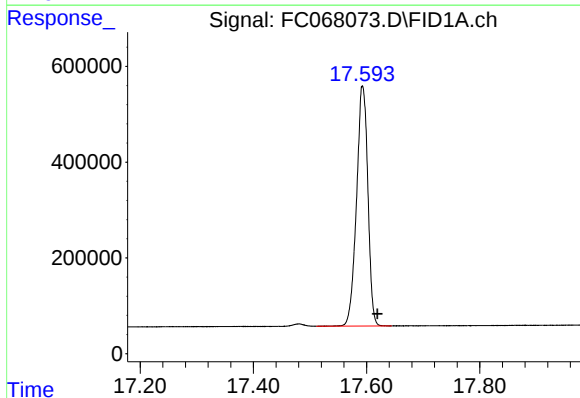
R.T.: 15.760 min
Delta R.T.: -0.025 min
Response: 7202935
Conc: 53.86 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165783BS



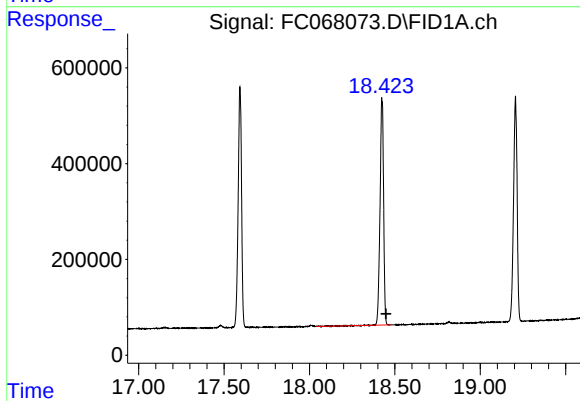
#16 n-Octacosane (C28)

R.T.: 16.708 min
Delta R.T.: -0.025 min
Response: 6983355
Conc: 53.84 ug/ml



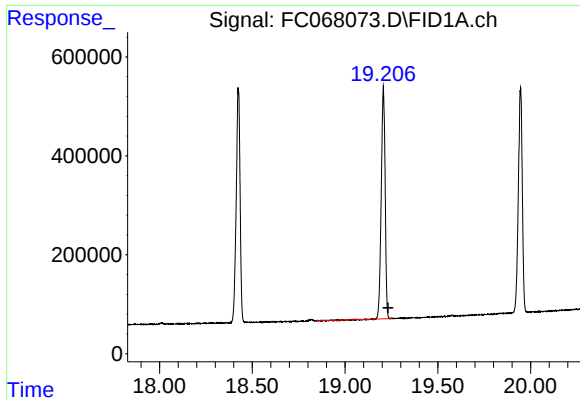
#17 n-Tricontane (C30)

R.T.: 17.593 min
Delta R.T.: -0.026 min
Response: 6955737
Conc: 53.69 ug/ml



#18 n-Dotriacontane (C32)

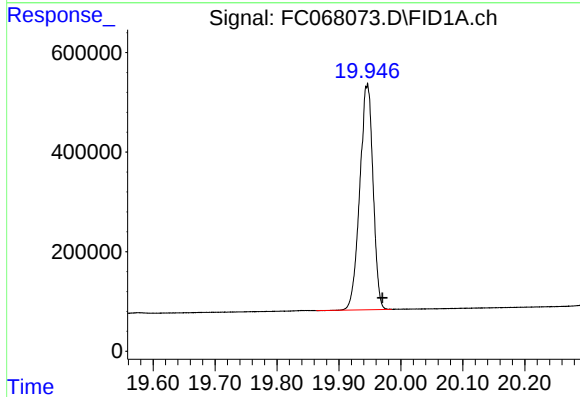
R.T.: 18.425 min
Delta R.T.: -0.025 min
Response: 6852065
Conc: 55.31 ug/ml



#19 n-Tetratriacontane (C34)

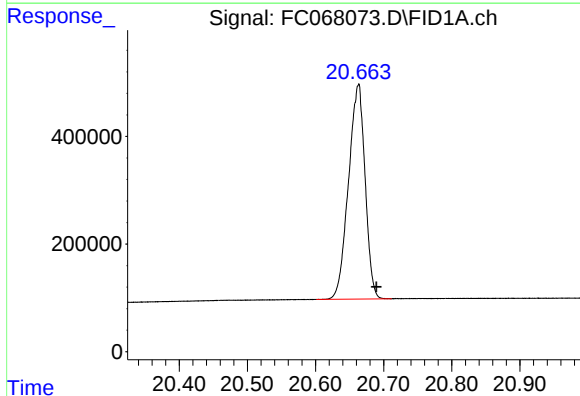
R.T.: 19.206 min
Delta R.T.: -0.026 min
Response: 6805072
Conc: 62.35 ug/ml

Instrument :
FID_C
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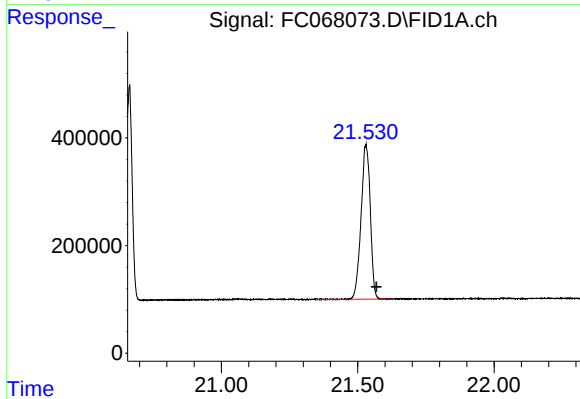
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min
Delta R.T.: -0.024 min
Response: 6728183
Conc: 71.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.662 min
Delta R.T.: -0.027 min
Response: 6750183
Conc: 74.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.530 min
Delta R.T.: -0.038 min
Response: 6742102
Conc: 76.49 ug/ml