

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110623AL\
 Data File : FC065024.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2023 19:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 06 23:13:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.511	4299509	19.536 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	12.943	3117667	19.722 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
Target Compounds			
1) T n-Nonane (C9)	3.311	3830090	20.258 ug/ml
2) T n-Decane (C10)	4.371	3861399	20.308 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3955491	20.487 ug/ml
4) T n-Dodecane (C12)	6.381	3892283	20.149 ug/ml
5) T A~2-methylnaphthalene...	7.005	3785439	20.600 ug/ml
6) T n-Tetradecane (C14)	8.168	3776419	20.014 ug/ml
7) T n-Hexadecane (C16)	9.763	3751247	19.845 ug/ml
8) T n-Octadecane (C18)	11.197	3718347	19.702 ug/ml
10) T n-Eicosane (C20)	12.501	3526088	19.613 ug/ml
11) T n-Heneicosane (C21)	13.110	3430721	19.541 ug/ml
13) T n-Docosane (C22)	13.694	3353266	19.522 ug/ml
14) T n-Tetracosane (C24)	14.792	3249921	19.512 ug/ml
15) T n-Hexacosane (C26)	15.808	3128510	19.491 ug/ml
16) T n-Octacosane (C28)	16.754	3069206	19.611 ug/ml
17) T n-Tricontane (C30)	17.638	3148379	19.877 ug/ml
18) T n-Dotriacontane (C32)	18.466	3222433	20.409 ug/ml
19) T n-Tetratriacontane (C34)	19.246	3058815	20.039 ug/ml
20) T n-Hexatriacontane (C36)	19.983	2961864	19.631 ug/ml
21) T n-Octatriacontane (C38)	20.704	2925640	19.660 ug/ml
22) T n-Tetracontane (C40)	21.583	2950136	20.058 ug/ml

(f)=RT Delta > 1/2 Window

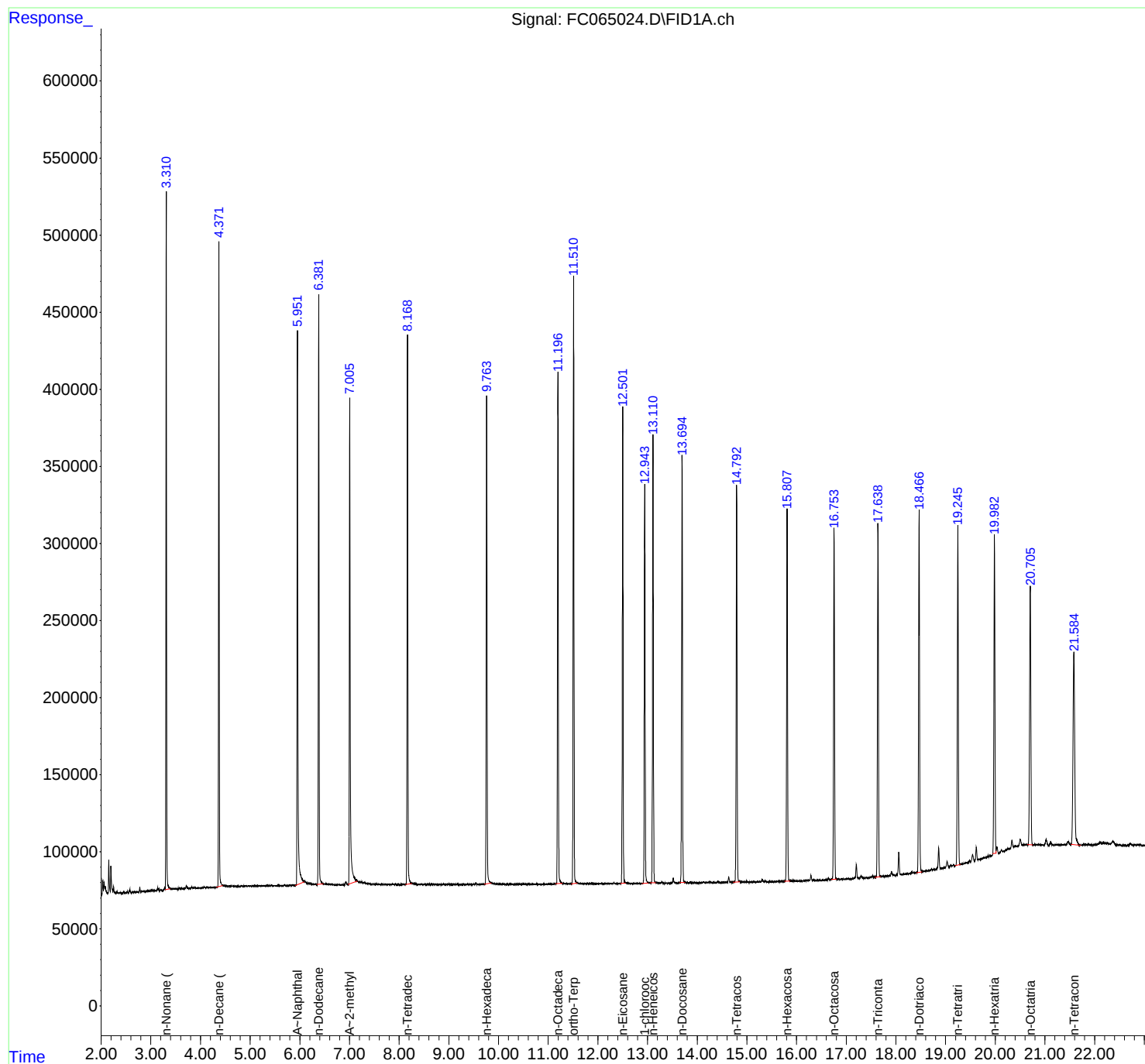
(m)=manual int.

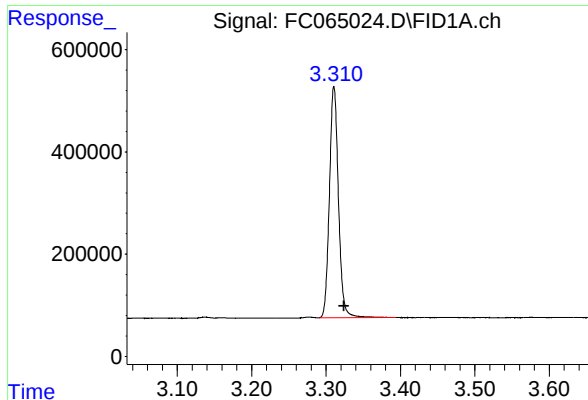
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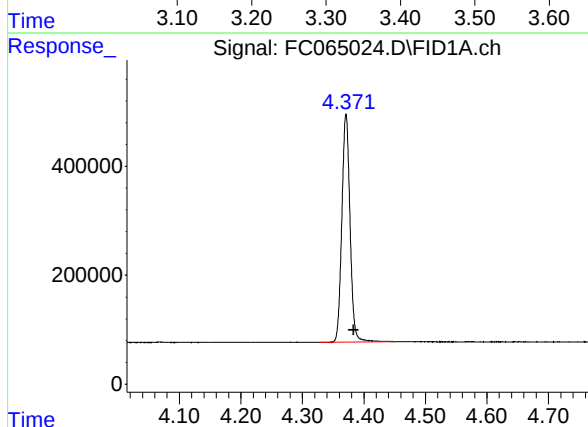




#1 n-Nonane (C9)

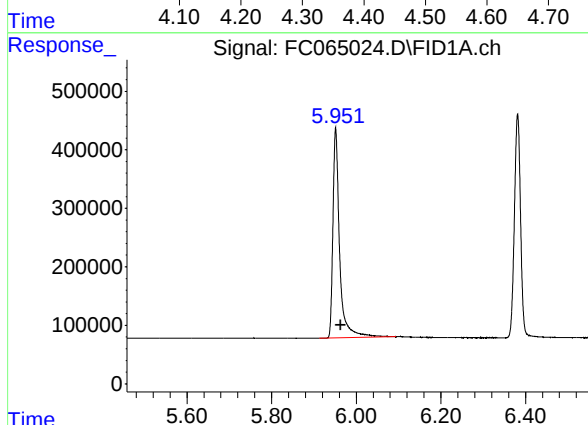
R.T.: 3.311 min
Delta R.T.: -0.013 min
Response: 3830090
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



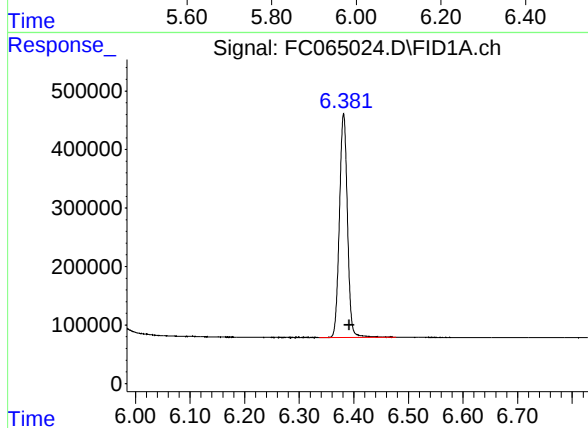
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.012 min
Response: 3861399
Conc: 20.31 ug/ml



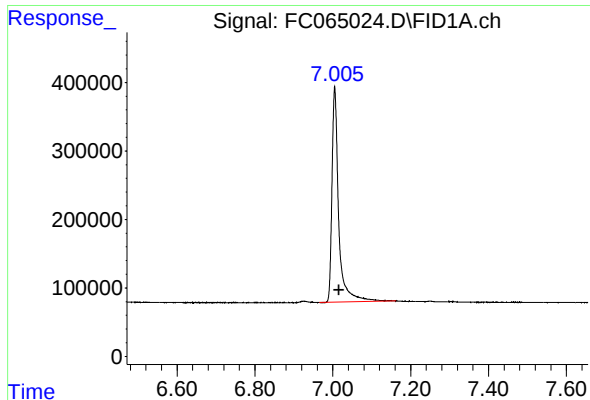
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.011 min
Response: 3955491
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

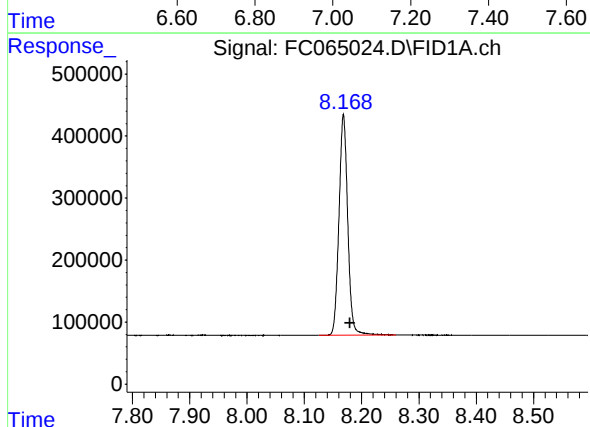
R.T.: 6.381 min
Delta R.T.: -0.010 min
Response: 3892283
Conc: 20.15 ug/ml



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

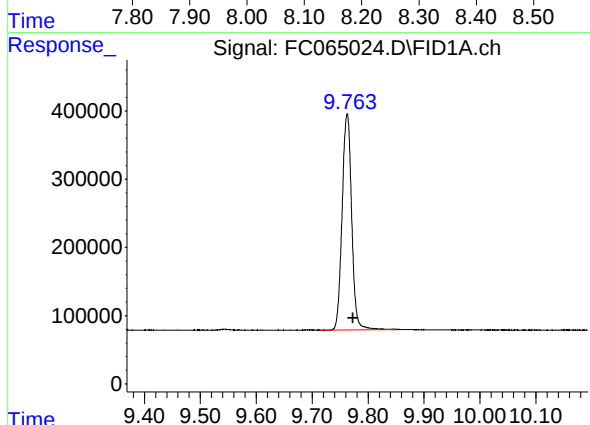
R.T.: 7.005 min
Delta R.T.: -0.011 min
Response: 3785439
Conc: 20.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



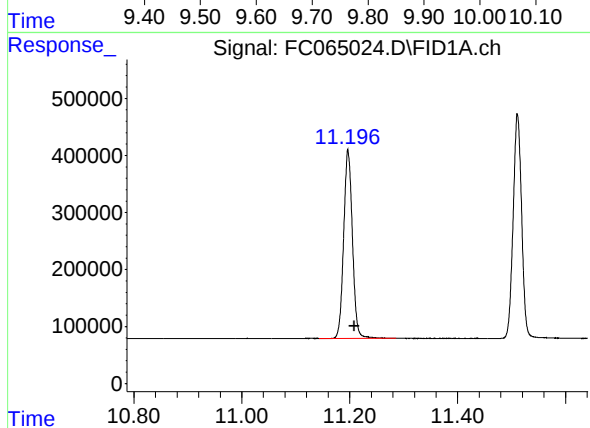
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.011 min
Response: 3776419
Conc: 20.01 ug/ml



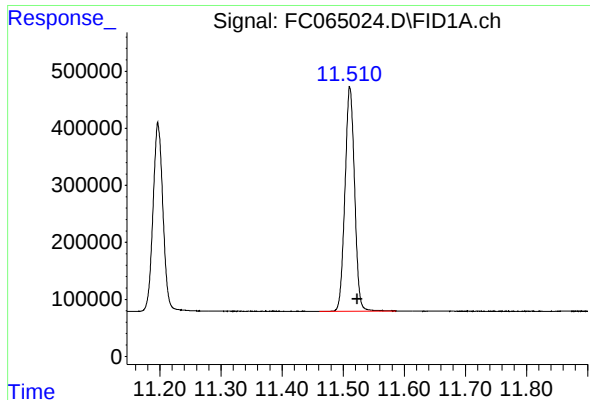
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.010 min
Response: 3751247
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

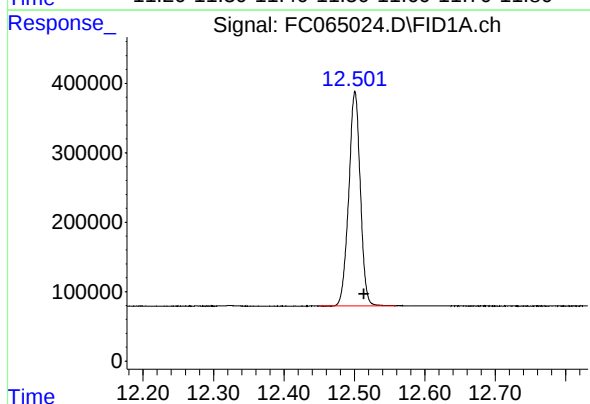
R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 3718347
Conc: 19.70 ug/ml



#9 ortho-Terphenyl (SURR)

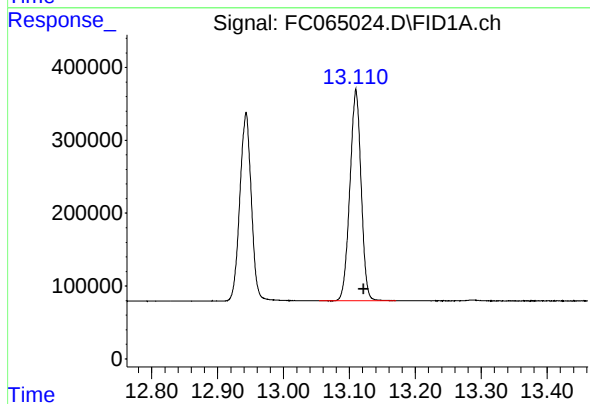
R.T.: 11.511 min
Delta R.T.: -0.012 min
Response: 4299509
Conc: 19.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



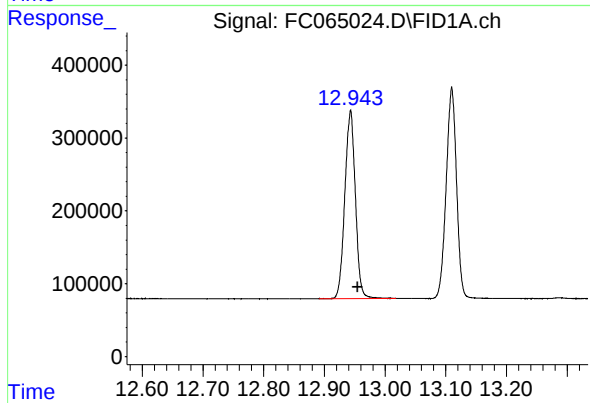
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.013 min
Response: 3526088
Conc: 19.61 ug/ml



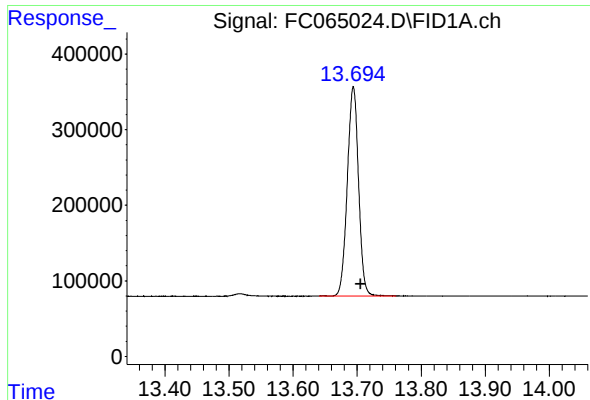
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.011 min
Response: 3430721
Conc: 19.54 ug/ml



#12 1-chlorooctadecane (SURR)

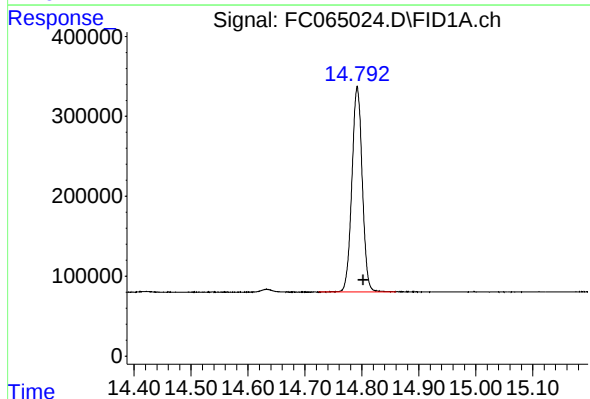
R.T.: 12.943 min
Delta R.T.: -0.012 min
Response: 3117667
Conc: 19.72 ug/ml



#13 n-Docosane (C22)

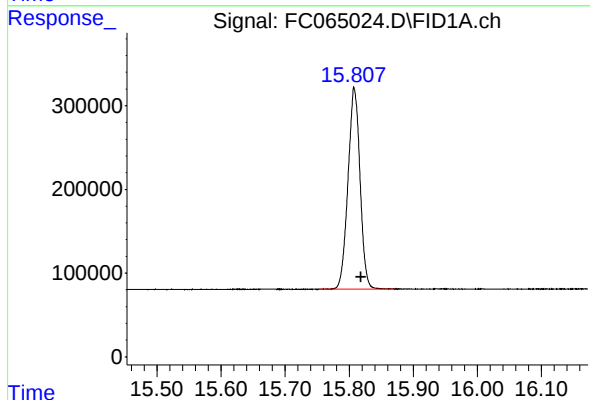
R.T.: 13.694 min
Delta R.T.: -0.011 min
Response: 3353266
Conc: 19.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



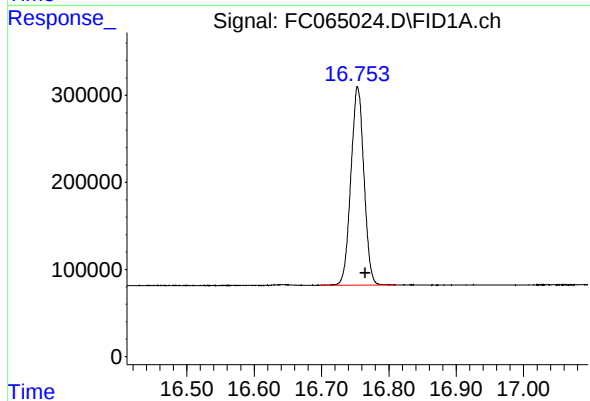
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: -0.010 min
Response: 3249921
Conc: 19.51 ug/ml



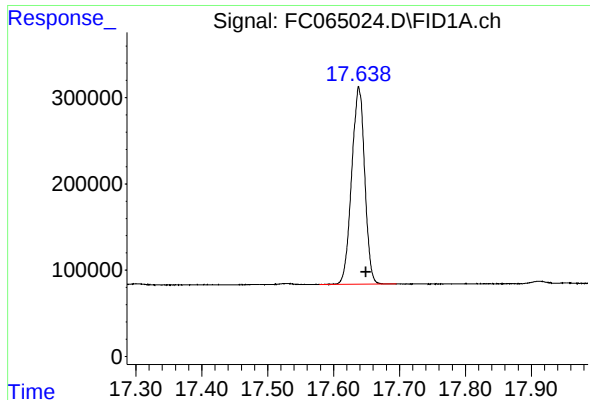
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: -0.011 min
Response: 3128510
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

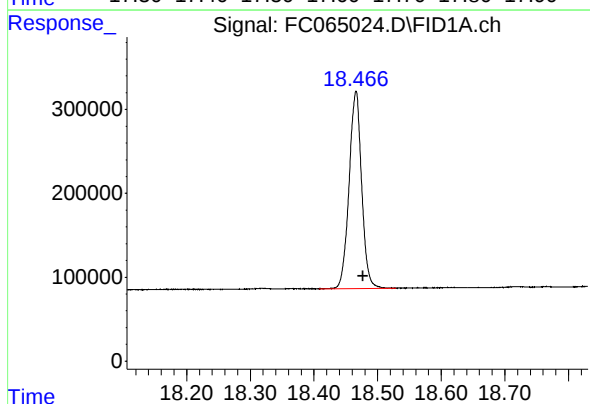
R.T.: 16.754 min
Delta R.T.: -0.011 min
Response: 3069206
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

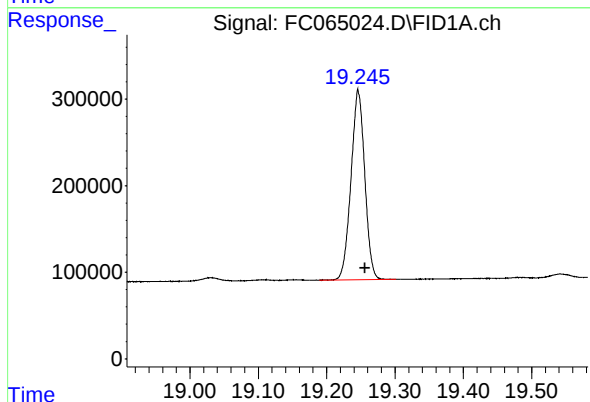
R.T.: 17.638 min
Delta R.T.: -0.011 min
Response: 3148379
Conc: 19.88 ug/ml

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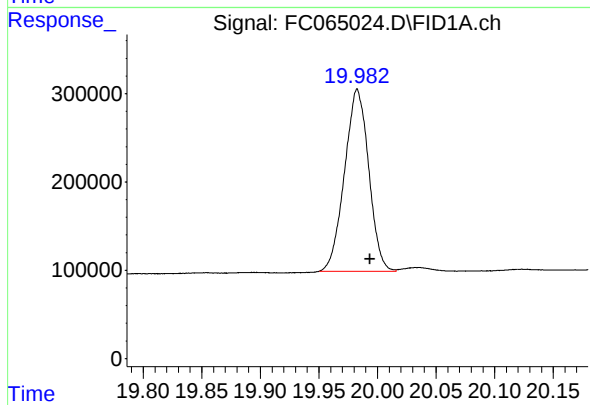
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.011 min
Response: 3222433
Conc: 20.41 ug/ml



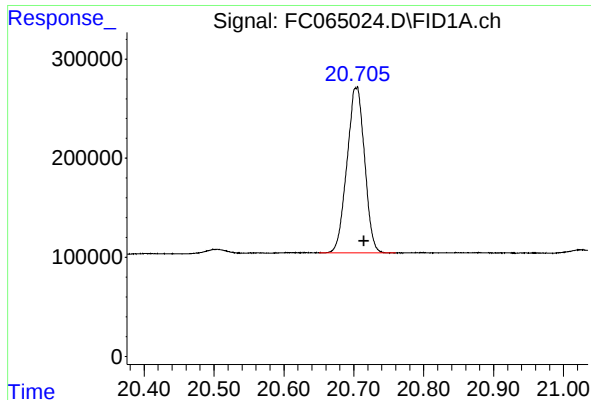
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: -0.010 min
Response: 3058815
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

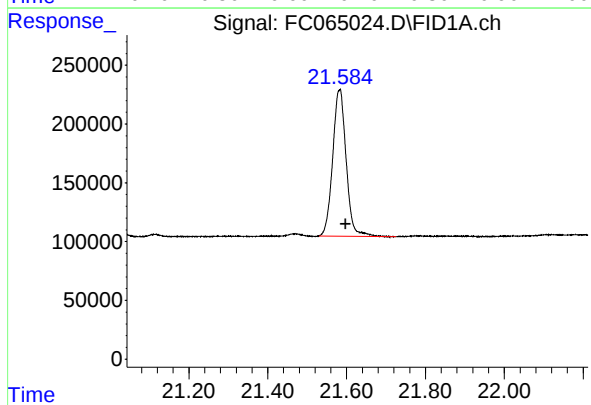
R.T.: 19.983 min
Delta R.T.: -0.011 min
Response: 2961864
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: -0.010 min
Response: 2925640
Conc: 19.66 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: -0.015 min
Response: 2950136
Conc: 20.06 ug/ml