

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091923AL\
 Data File : FC064614.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2023 12:24
 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: Sep 20 01:25:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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	4442924	21.957 ug/ml
Spiked Amount 50.000		Recovery =	43.91%
12) S 1-chlorooctadecane (S...	12.944	3249337	22.308 ug/ml
Spiked Amount 50.000		Recovery =	44.62%
Target Compounds			
1) T n-Nonane (C9)	3.306	3741014	21.169 ug/ml
2) T n-Decane (C10)	4.367	3798171	21.142 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3980209	21.186 ug/ml
4) T n-Dodecane (C12)	6.378	3855243	21.225 ug/ml
5) T A~2-methylnaphthalene...	7.001	3884820	21.784 ug/ml
6) T n-Tetradecane (C14)	8.167	3759547	21.188 ug/ml
7) T n-Hexadecane (C16)	9.762	3769410	20.970 ug/ml
8) T n-Octadecane (C18)	11.198	3793266	20.951 ug/ml
10) T n-Eicosane (C20)	12.502	3648102	21.417 ug/ml
11) T n-Heneicosane (C21)	13.111	3578686	21.607 ug/ml
13) T n-Docosane (C22)	13.696	3524644	21.636 ug/ml
14) T n-Tetracosane (C24)	14.794	3430385	21.607 ug/ml
15) T n-Hexacosane (C26)	15.810	3307126	21.665 ug/ml
16) T n-Octacosane (C28)	16.756	3178983	21.480 ug/ml
17) T n-Tricontane (C30)	17.640	3146662	21.182 ug/ml
18) T n-Dotriacontane (C32)	18.467	3071681	21.048 ug/ml
19) T n-Tetratriacontane (C34)	19.247	2939735	20.678 ug/ml
20) T n-Hexatriacontane (C36)	19.984	2877632	20.893 ug/ml
21) T n-Octatriacontane (C38)	20.705	2798658	20.421 ug/ml
22) T n-Tetracontane (C40)	21.585	2705438	19.889 ug/ml

(f)=RT Delta > 1/2 Window

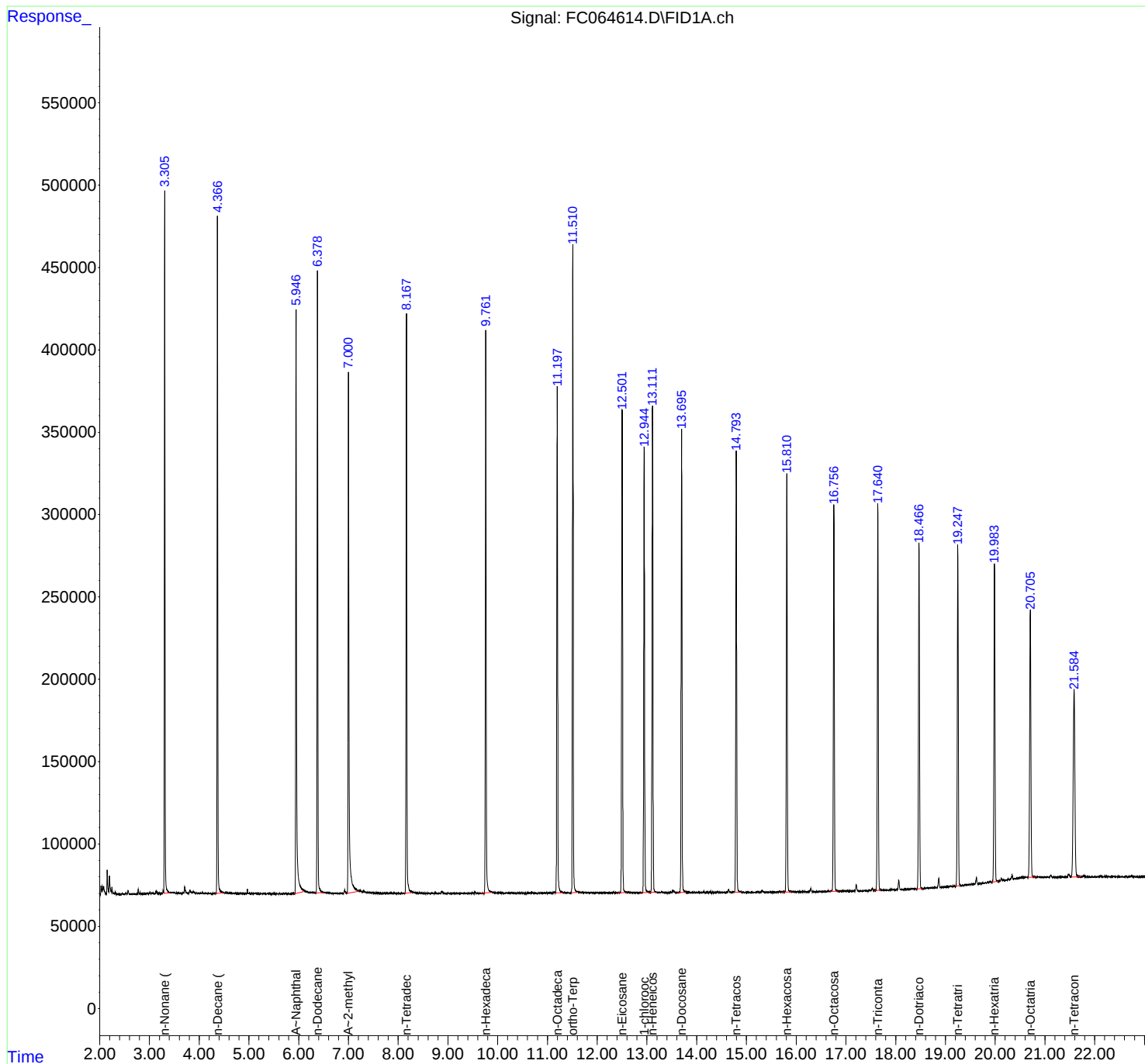
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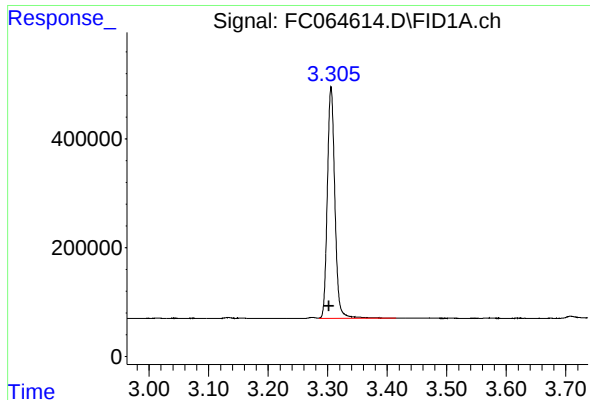
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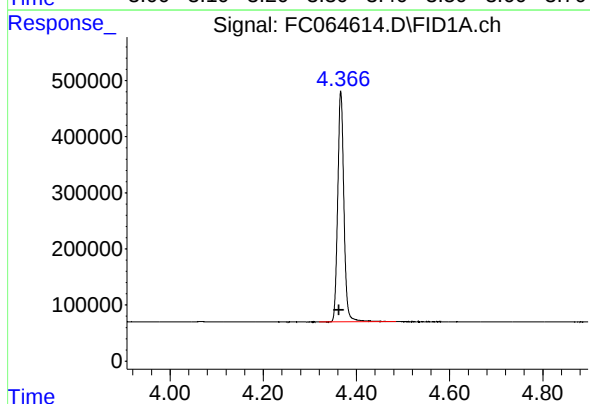




#1 n-Nonane (C9)

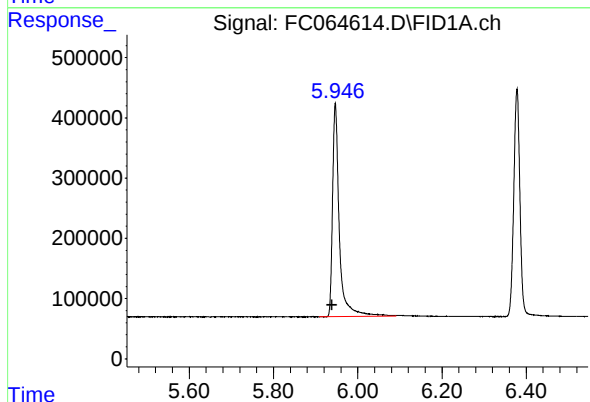
R.T.: 3.306 min
Delta R.T.: 0.004 min
Response: 3741014
Conc: 21.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



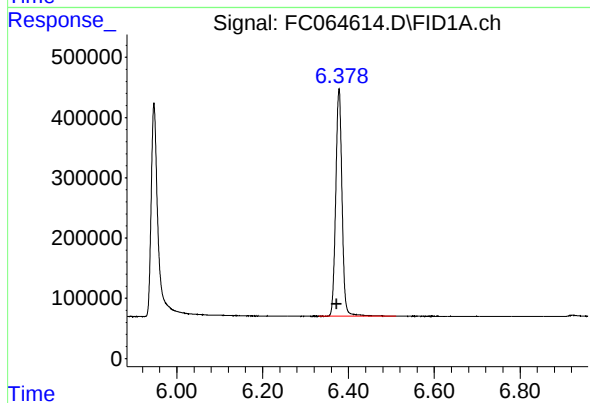
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.004 min
Response: 3798171
Conc: 21.14 ug/ml



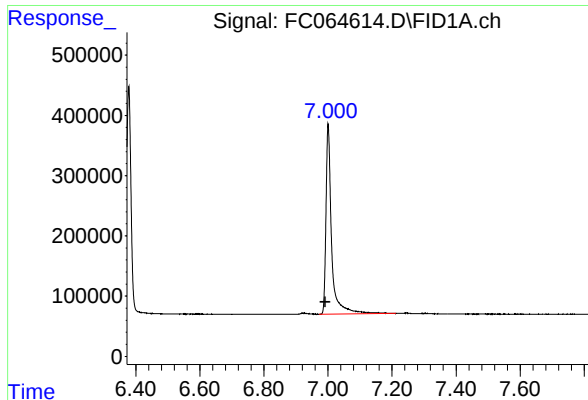
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.008 min
Response: 3980209
Conc: 21.19 ug/ml



#4 n-Dodecane (C12)

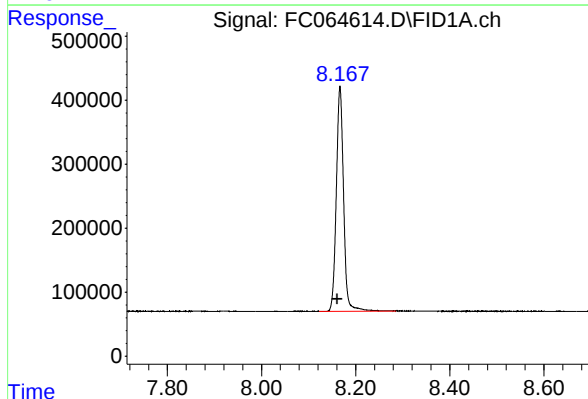
R.T.: 6.378 min
Delta R.T.: 0.006 min
Response: 3855243
Conc: 21.22 ug/ml



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

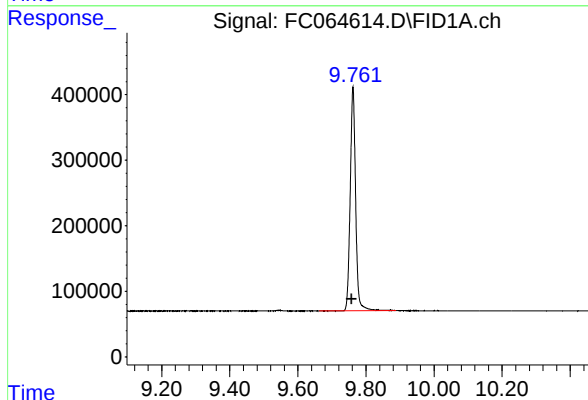
R.T.: 7.001 min
Delta R.T.: 0.008 min
Response: 3884820
Conc: 21.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



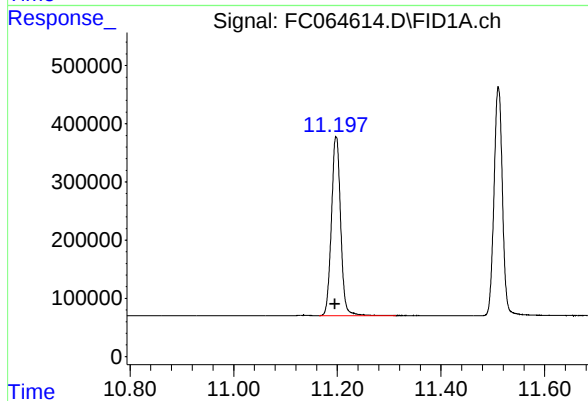
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.006 min
Response: 3759547
Conc: 21.19 ug/ml



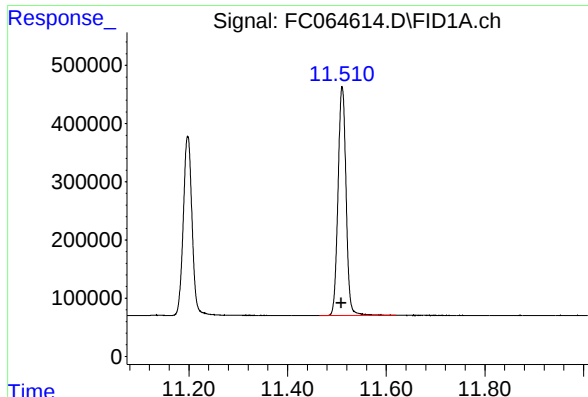
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: 0.004 min
Response: 3769410
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

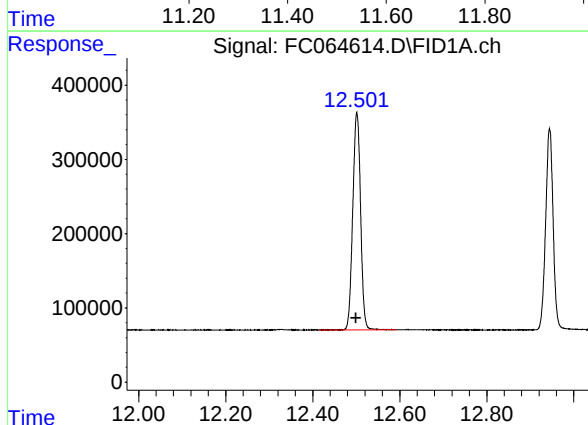
R.T.: 11.198 min
Delta R.T.: 0.002 min
Response: 3793266
Conc: 20.95 ug/ml



#9 ortho-Terphenyl (SURR)

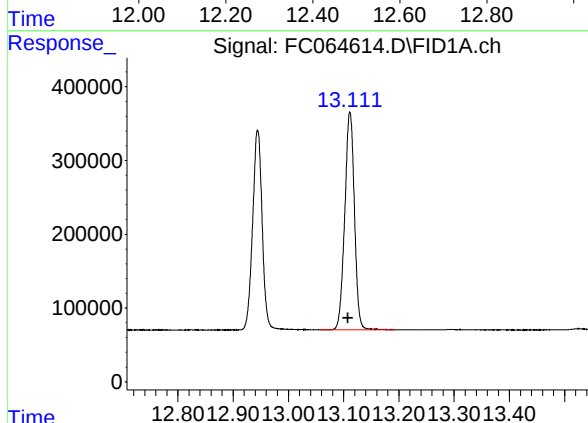
R.T.: 11.511 min
Delta R.T.: 0.002 min
Response: 4442924
Conc: 21.96 ug/ml

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FID_C
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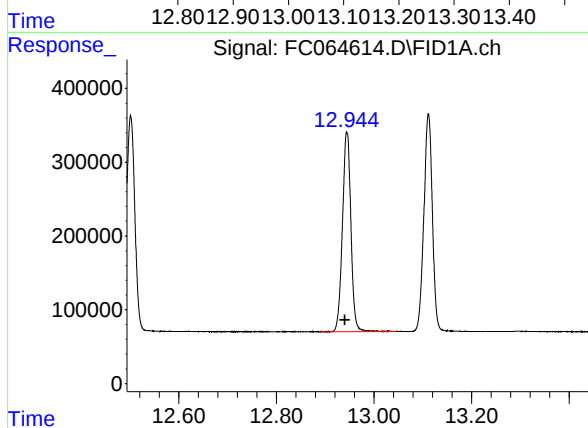
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.002 min
Response: 3648102
Conc: 21.42 ug/ml



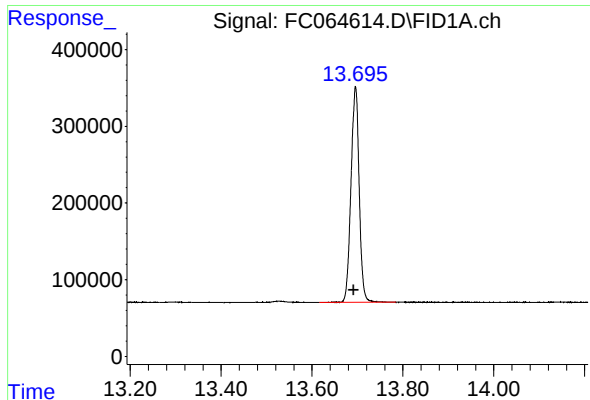
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.003 min
Response: 3578686
Conc: 21.61 ug/ml



#12 1-chlorooctadecane (SURR)

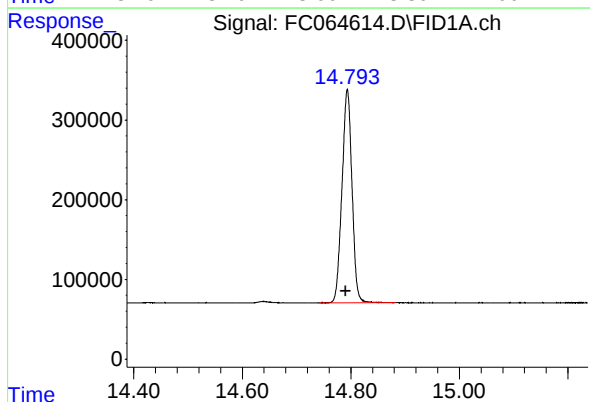
R.T.: 12.944 min
Delta R.T.: 0.004 min
Response: 3249337
Conc: 22.31 ug/ml



#13 n-Docosane (C22)

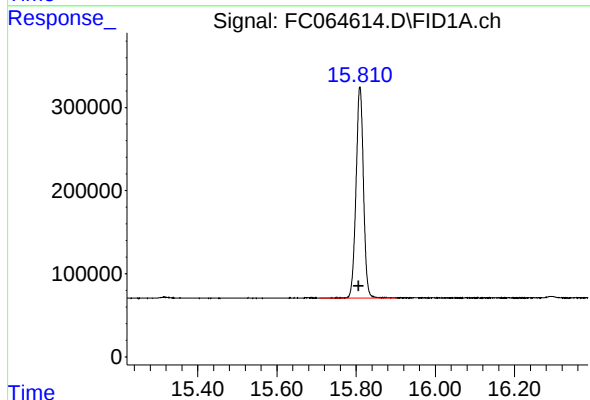
R.T.: 13.696 min
Delta R.T.: 0.004 min
Response: 3524644
Conc: 21.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



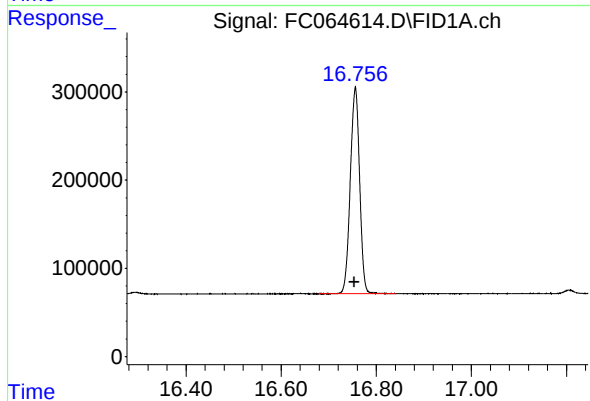
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: 0.003 min
Response: 3430385
Conc: 21.61 ug/ml



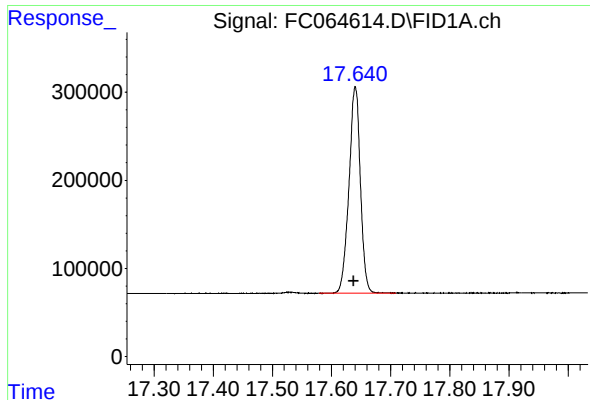
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.003 min
Response: 3307126
Conc: 21.67 ug/ml



#16 n-Octacosane (C28)

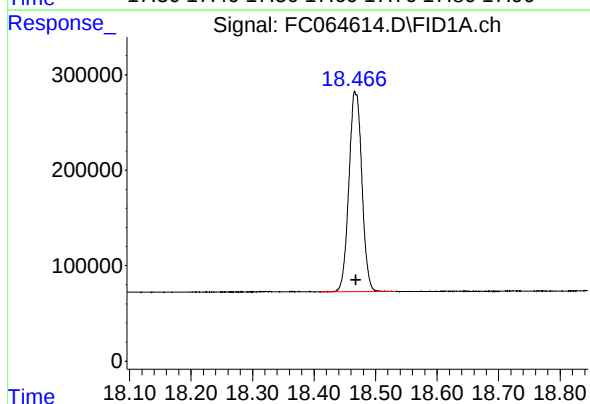
R.T.: 16.756 min
Delta R.T.: 0.003 min
Response: 3178983
Conc: 21.48 ug/ml



#17 n-Tricontane (C30)

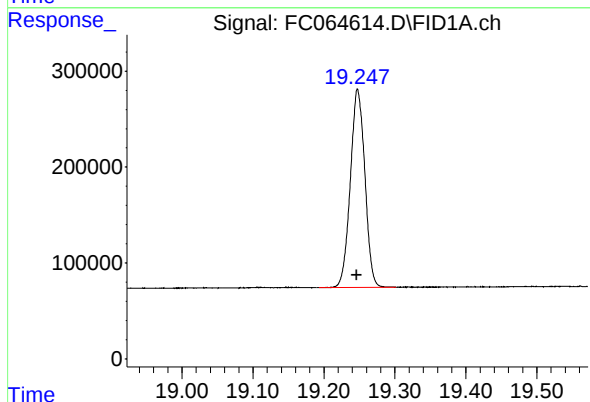
R.T.: 17.640 min
Delta R.T.: 0.003 min
Response: 3146662
Conc: 21.18 ug/ml

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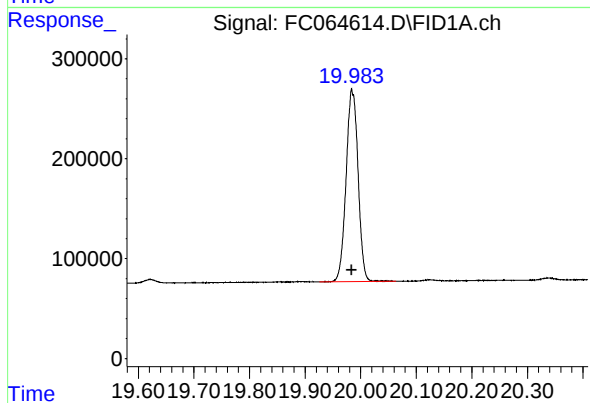
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: -0.001 min
Response: 3071681
Conc: 21.05 ug/ml



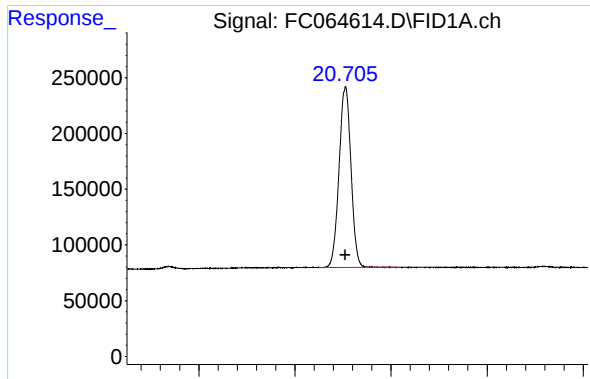
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.002 min
Response: 2939735
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

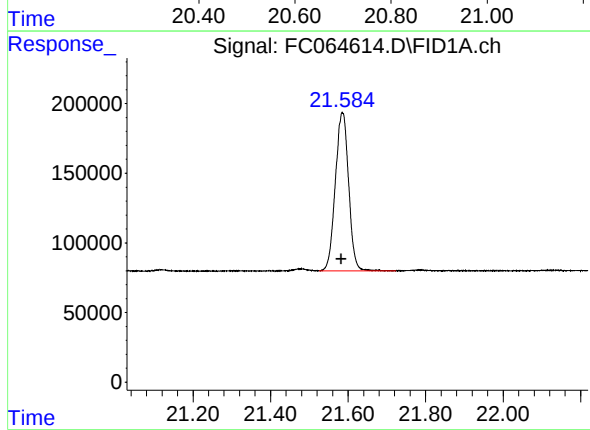
R.T.: 19.984 min
Delta R.T.: 0.000 min
Response: 2877632
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: 0.000 min
Response: 2798658
Conc: 20.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: 0.002 min
Response: 2705438
Conc: 19.89 ug/ml