

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
 Data File : FC066481.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2024 09:20
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/28/2024
 Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e
 Quant Time: May 28 11:27:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 11:25:14 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)	11.575	17371002	109.332 ug/ml
Spiked Amount 50.000		Recovery =	218.66%
12) S 1-chlorooctadecane (S...	13.012	13071990	109.344 ug/ml
Spiked Amount 50.000		Recovery =	218.69%
Target Compounds			
1) T n-Nonane (C9)	3.318	16047662	109.514 ug/ml
2) T n-Decane (C10)	4.389	16892530	111.038 ug/ml
3) T A~Naphthalene (C11.7)	5.977	18697906	111.002 ug/ml
4) T n-Dodecane (C12)	6.412	16699879	110.214 ug/ml
5) T A~2-methylnaphthalene...	7.037	17894075	110.624 ug/ml
6) T n-Tetradecane (C14)	8.210	16256586	109.803 ug/ml
7) T n-Hexadecane (C16)	9.814	16462052	109.475 ug/ml
8) T n-Octadecane (C18)	11.260	16322811	109.172 ug/ml
10) T n-Eicosane (C20)	12.568	15463848	109.009 ug/ml
11) T n-Heneicosane (C21)	13.180	15123410	108.956 ug/ml
13) T n-Docosane (C22)	13.768	14956309	108.904 ug/ml
14) T n-Tetracosane (C24)	14.871	14731240	108.830 ug/ml
15) T n-Hexacosane (C26)	15.893	14394751	108.814 ug/ml
16) T n-Octacosane (C28)	16.843	14034846	108.747 ug/ml
17) T n-Tricontane (C30)	17.732	14152124	108.697 ug/ml
18) T n-Dotriacontane (C32)	18.565	13829533	108.675 ug/ml
19) T n-Tetratriacontane (C34)	19.349	13478232	108.500 ug/ml
20) T n-Hexatriacontane (C36)	20.088	13095242	107.153 ug/ml
21) T n-Octatriacontane (C38)	20.827	12819649	109.578 ug/mlm
22) T n-Tetracontane (C40)	21.747	12894462	105.269 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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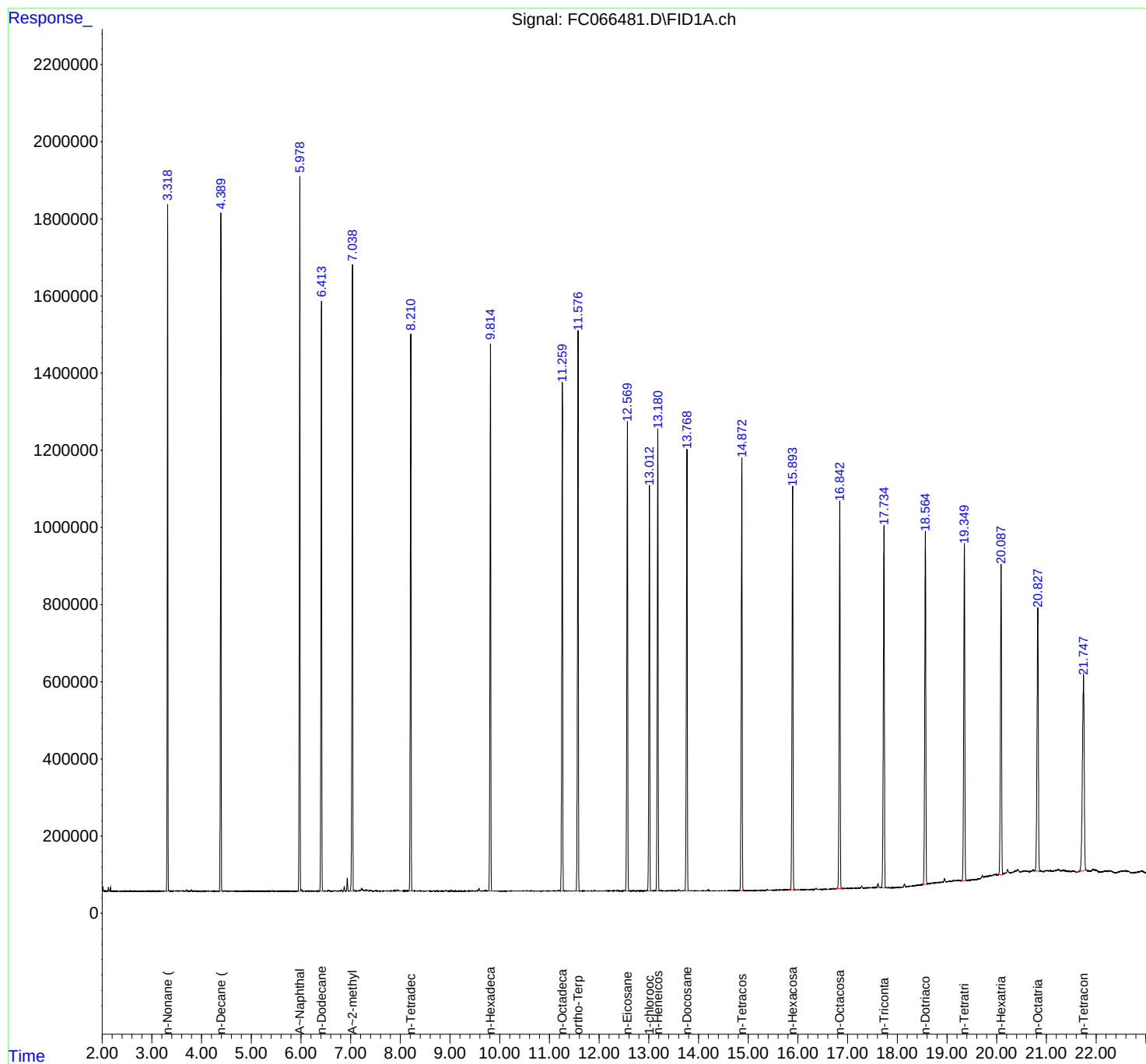
Instrument :
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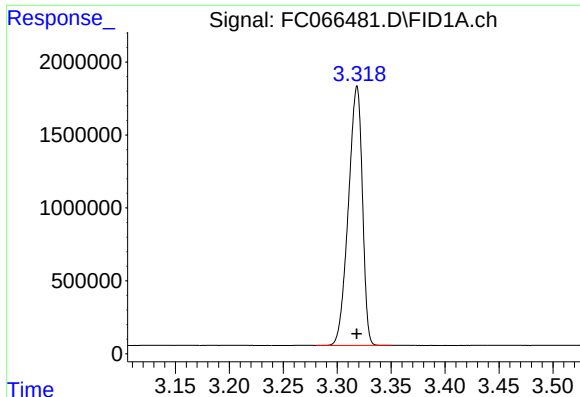
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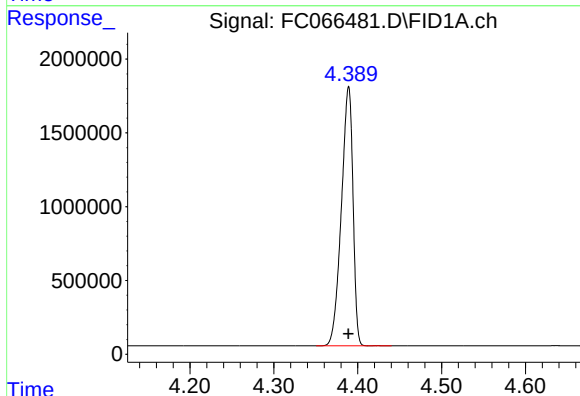
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 16047662
Conc: 109.51 ug/ml

Instrument :
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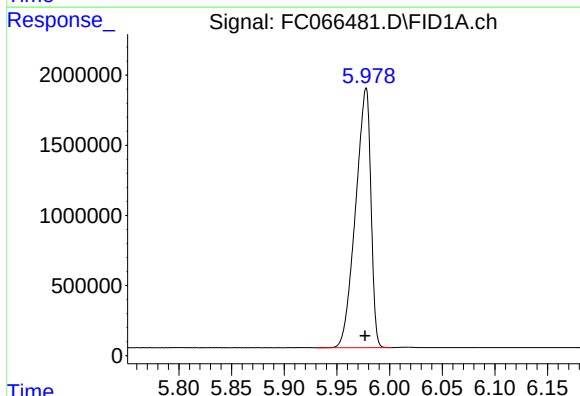
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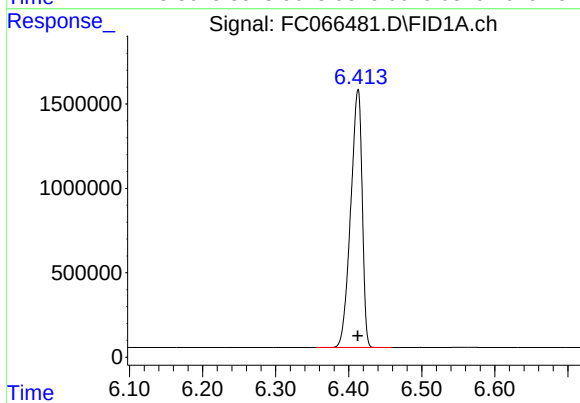
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 16892530
Conc: 111.04 ug/ml



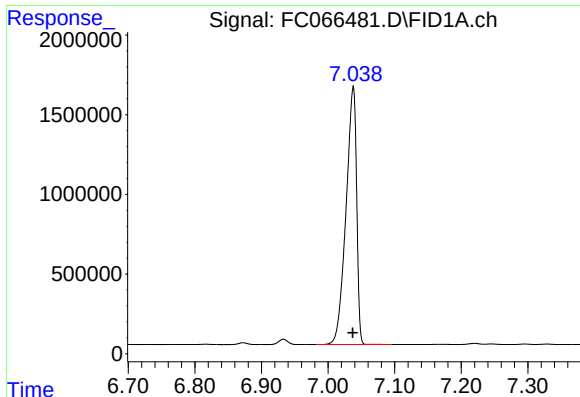
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 18697906
Conc: 111.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 16699879
Conc: 110.21 ug/ml



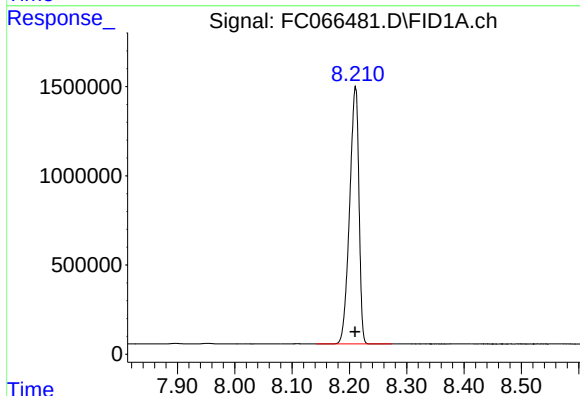
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 17894075
Conc: 110.62 ug/ml

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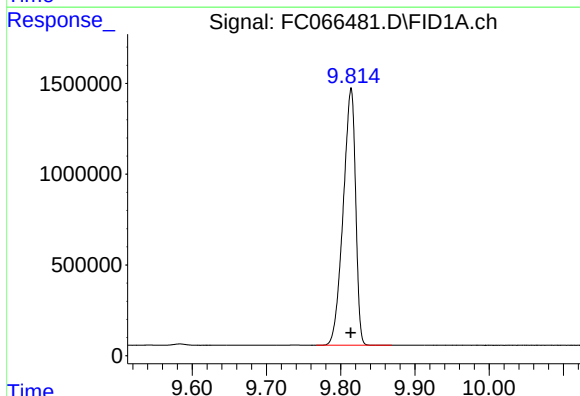
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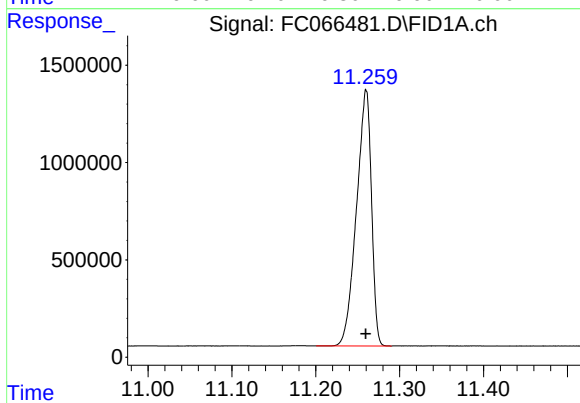
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 16256586
Conc: 109.80 ug/ml



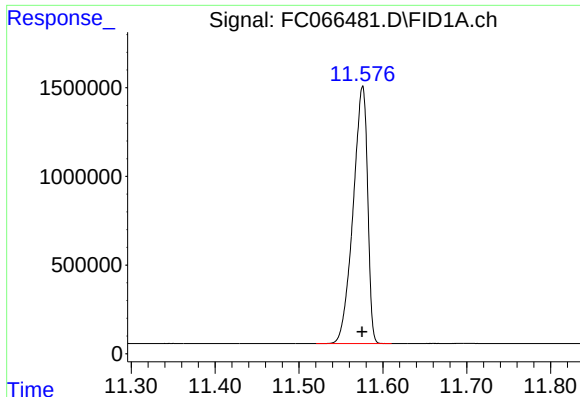
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: 0.000 min
Response: 16462052
Conc: 109.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: 0.000 min
Response: 16322811
Conc: 109.17 ug/ml



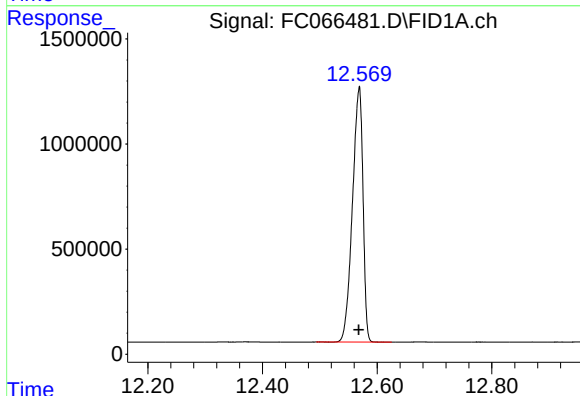
#9 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: 0.000 min
Response: 17371002
Conc: 109.33 ug/ml

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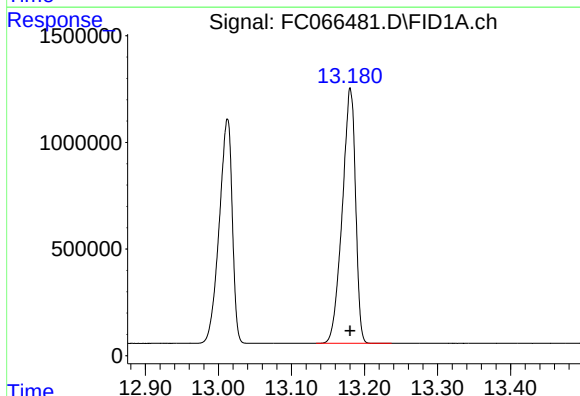
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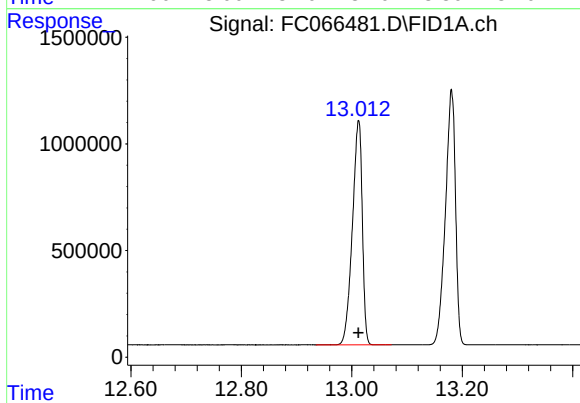
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 15463848
Conc: 109.01 ug/ml



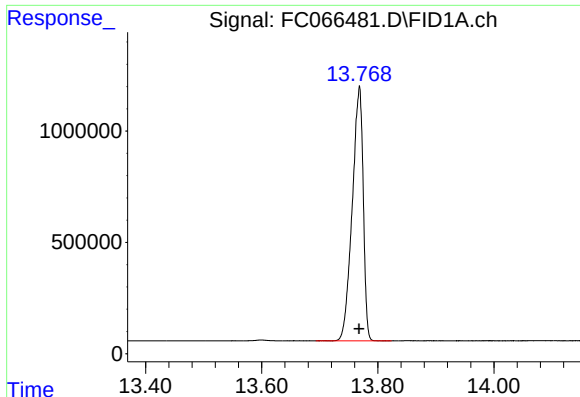
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 15123410
Conc: 108.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 13071990
Conc: 109.34 ug/ml



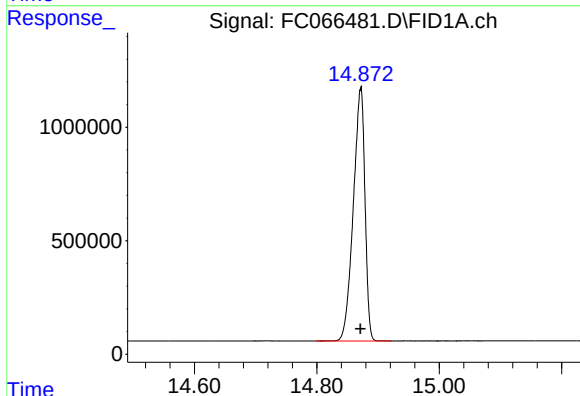
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: 0.000 min
Response: 14956309
Conc: 108.90 ug/ml

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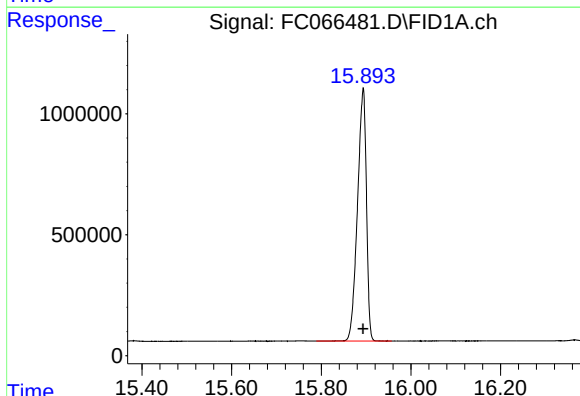
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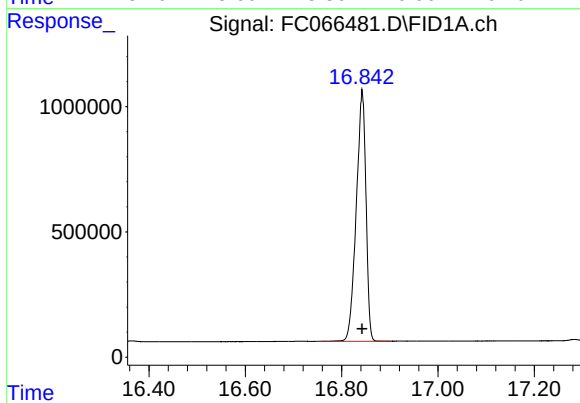
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: 0.000 min
Response: 14731240
Conc: 108.83 ug/ml



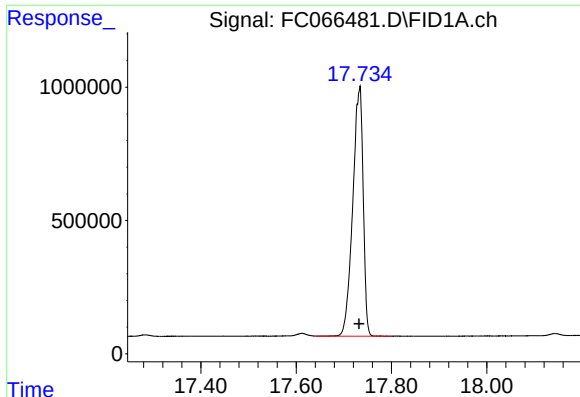
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: 0.000 min
Response: 14394751
Conc: 108.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.000 min
Response: 14034846
Conc: 108.75 ug/ml



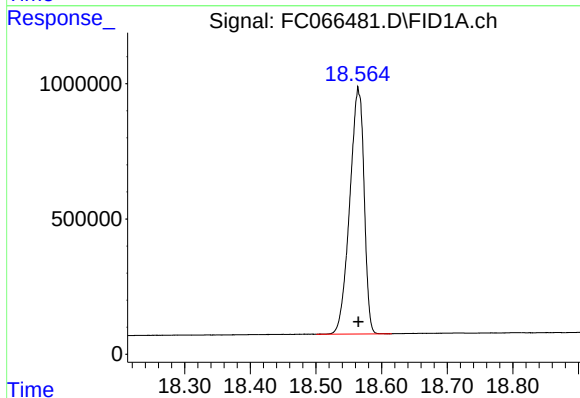
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.000 min
Response: 14152124
Conc: 108.70 ug/ml

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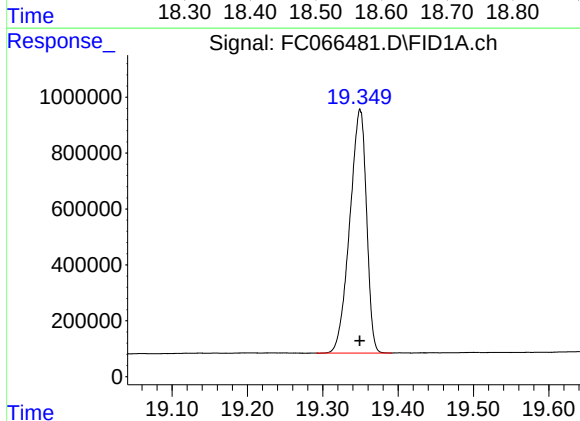
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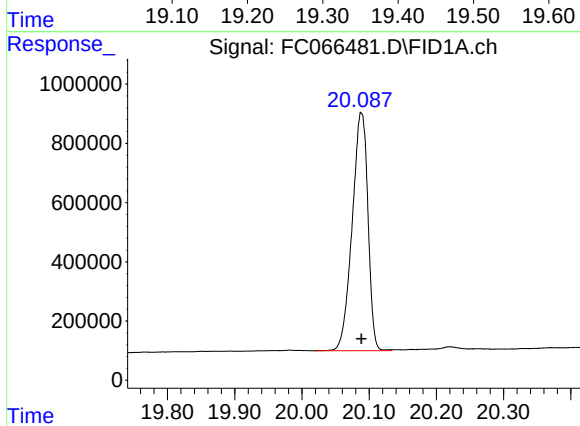
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: 0.000 min
Response: 13829533
Conc: 108.68 ug/ml



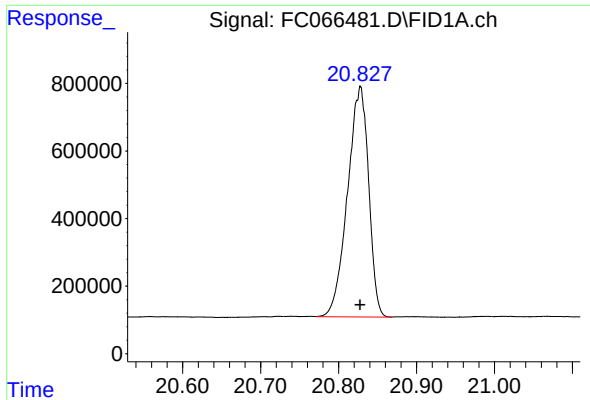
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: 0.000 min
Response: 13478232
Conc: 108.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.088 min
Delta R.T.: 0.000 min
Response: 13095242
Conc: 107.15 ug/ml



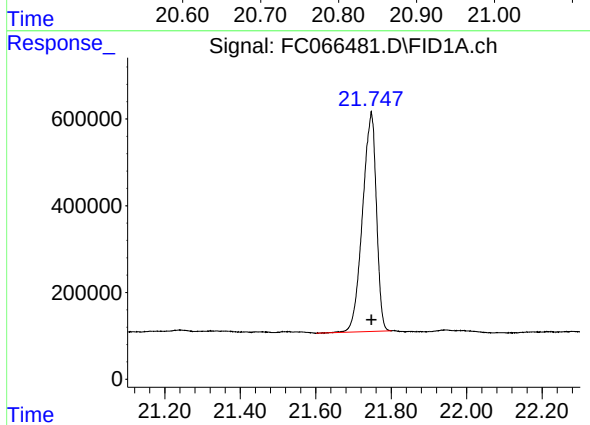
#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: 0.000 min
Response: 12819649
Conc: 109.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.747 min
Delta R.T.: 0.000 min
Response: 12894462
Conc: 105.27 ug/ml