

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021424AL\
 Data File : FC065748.D
 Signal(s) : FID1A.ch
 Acq On : 14 Feb 2024 10:13
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :Ankita Jodhani 02/15/2024

Integration File: autoint1.e
 Quant Time: Feb 14 22:42:51 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)	11.500	3367610	19.633 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	12.930	2494095	19.818 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.291	2912950	19.389 ug/ml
2) T n-Decane (C10)	4.354	2970638	19.538 ug/ml
3) T A~Naphthalene (C11.7)	5.941	2981743	19.336 ug/ml
4) T n-Dodecane (C12)	6.367	2992901	19.555 ug/ml
5) T A~2-methylnaphthalene...	6.995	2859425	20.080 ug/ml
6) T n-Tetradecane (C14)	8.157	2943593	19.827 ug/ml
7) T n-Hexadecane (C16)	9.751	2998656	19.996 ug/ml
8) T n-Octadecane (C18)	11.186	3057688	19.823 ug/ml
10) T n-Eicosane (C20)	12.487	2980856	19.822 ug/ml
11) T n-Heneicosane (C21)	13.096	2932202	19.606 ug/ml
13) T n-Docosane (C22)	13.679	2934856	19.786 ug/ml
14) T n-Tetracosane (C24)	14.776	2962672	19.926 ug/ml
15) T n-Hexacosane (C26)	15.792	2958977	19.967 ug/ml
16) T n-Octacosane (C28)	16.737	2985481	20.347 ug/ml
17) T n-Tricontane (C30)	17.620	3130608	20.855 ug/ml
18) T n-Dotriacontane (C32)	18.448	3128290	21.153 ug/mlm
19) T n-Tetratriacontane (C34)	19.229	3021940	20.849 ug/mlm
20) T n-Hexatriacontane (C36)	19.966	2900491	20.434 ug/mlm
21) T n-Octatriacontane (C38)	20.683	2837702	20.047 ug/ml
22) T n-Tetracontane (C40)	21.555	2742656	19.662 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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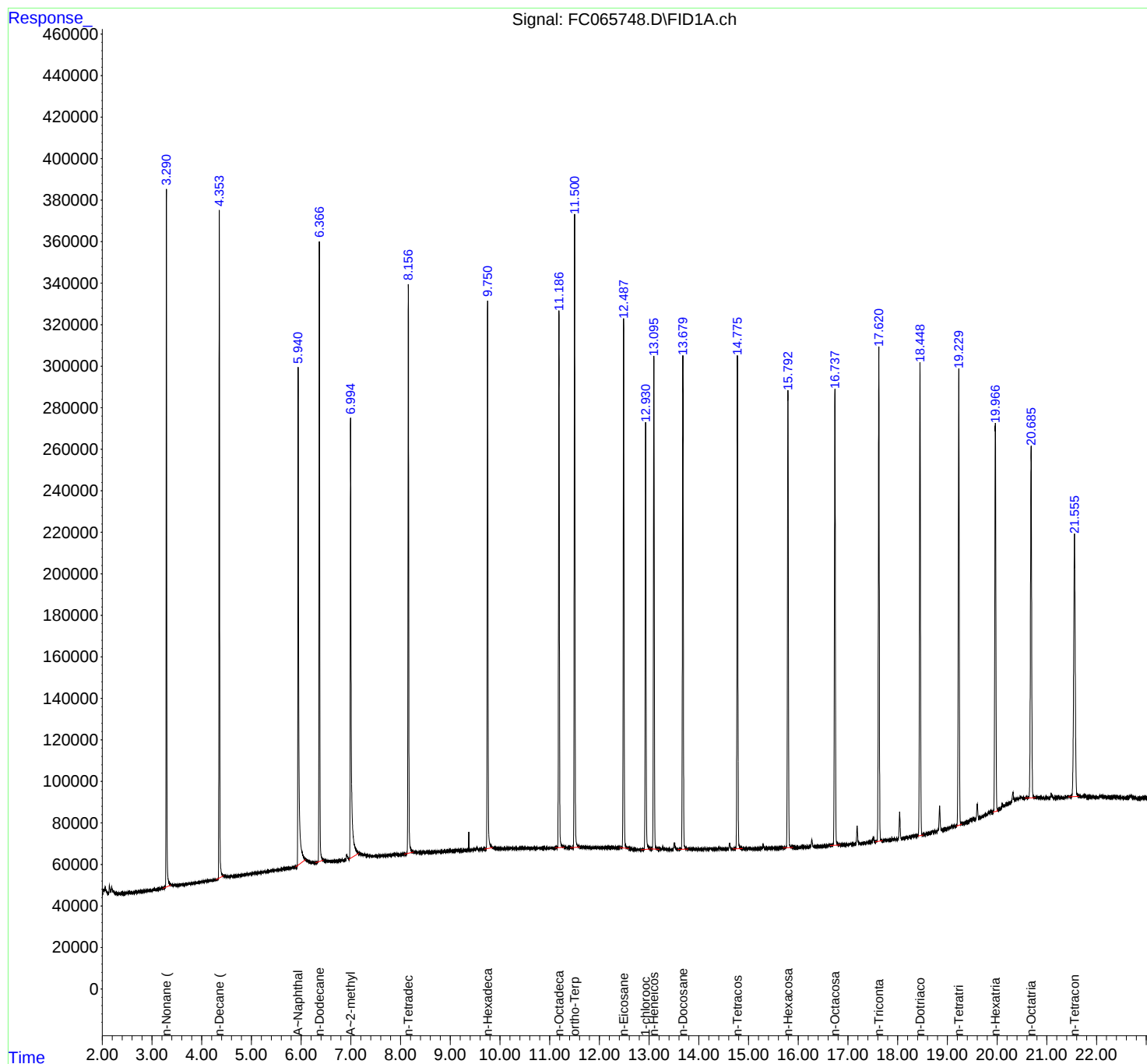
Instrument :
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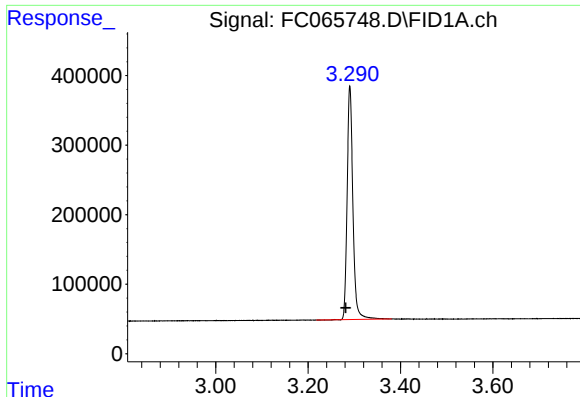
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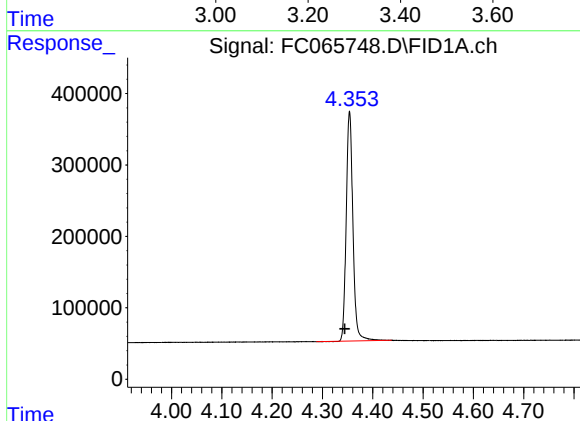
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: 0.009 min
Response: 2912950
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

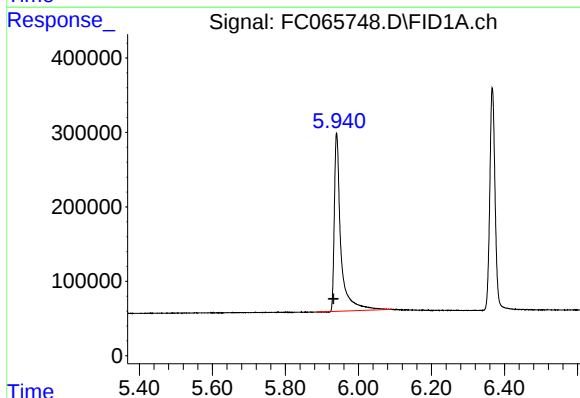
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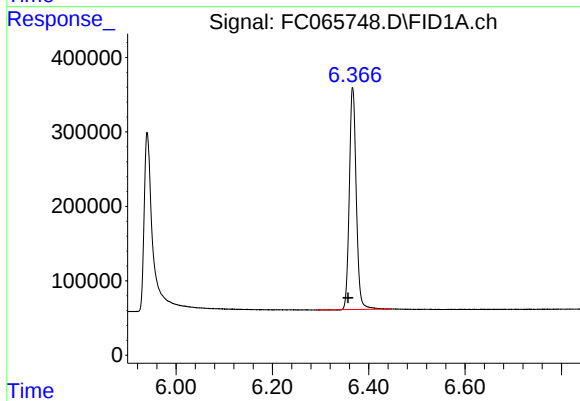
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: 0.010 min
Response: 2970638
Conc: 19.54 ug/ml



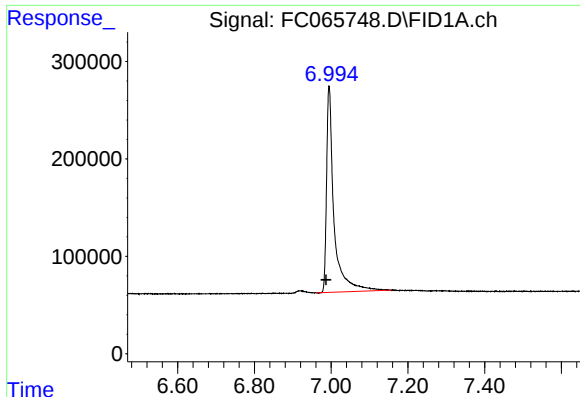
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: 0.009 min
Response: 2981743
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: 0.010 min
Response: 2992901
Conc: 19.55 ug/ml



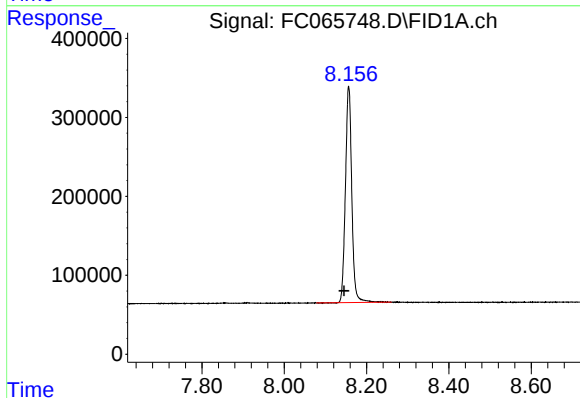
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: 0.008 min
Response: 2859425
Conc: 20.08 ug/ml

Instrument :
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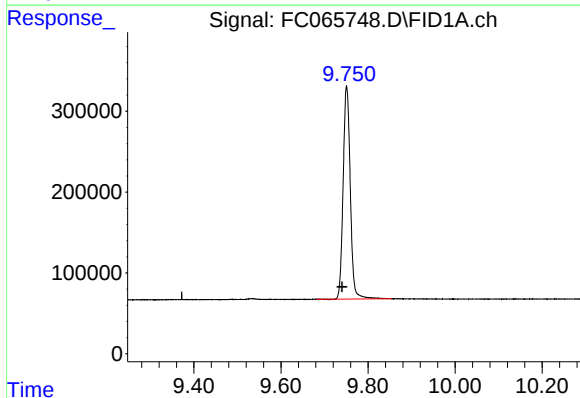
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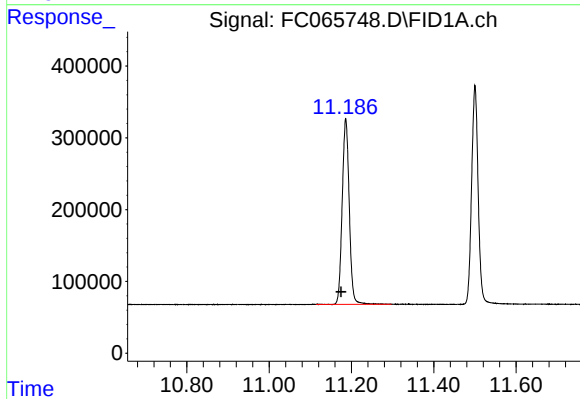
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.011 min
Response: 2943593
Conc: 19.83 ug/ml



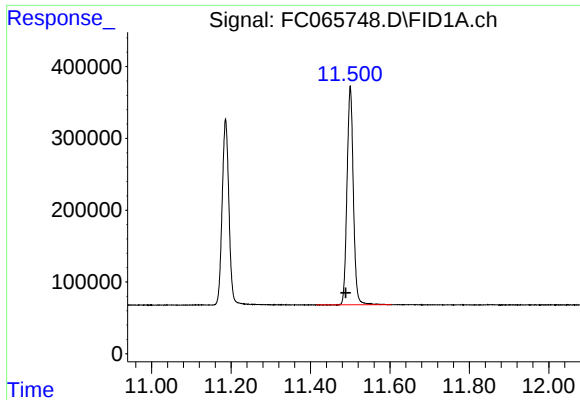
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.011 min
Response: 2998656
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.012 min
Response: 3057688
Conc: 19.82 ug/ml



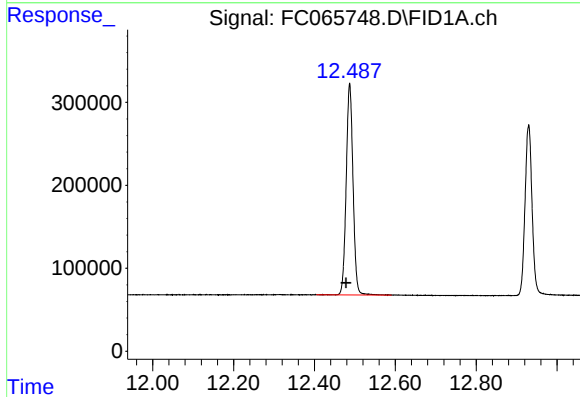
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: 0.011 min
Response: 3367610
Conc: 19.63 ug/ml

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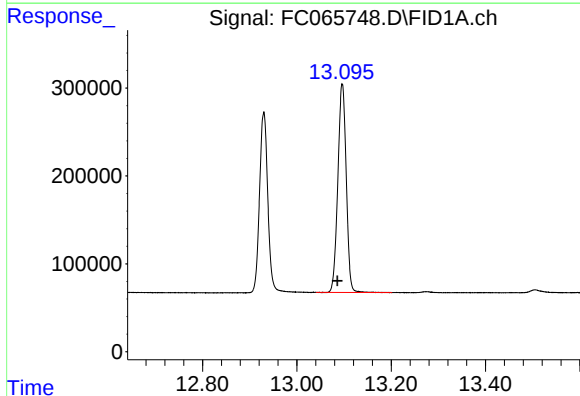
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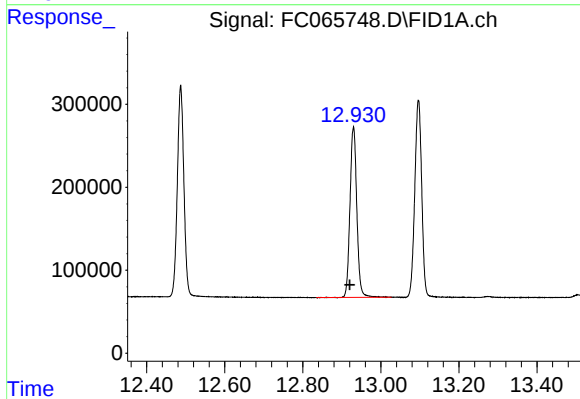
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: 0.009 min
Response: 2980856
Conc: 19.82 ug/ml



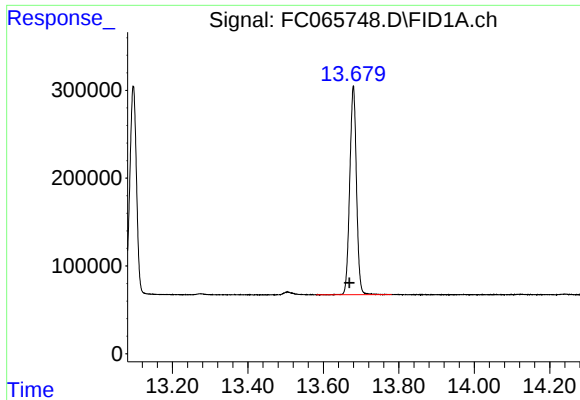
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.010 min
Response: 2932202
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: 0.010 min
Response: 2494095
Conc: 19.82 ug/ml



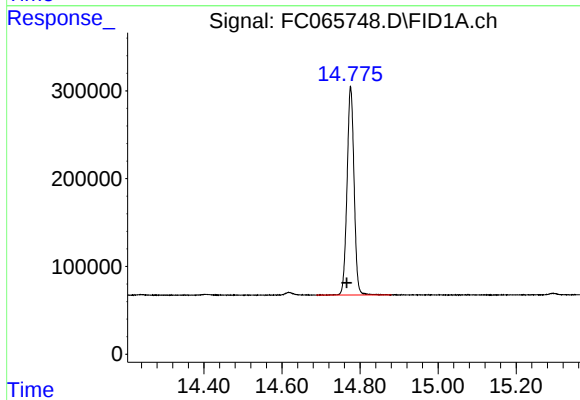
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: 0.010 min
Response: 2934856
Conc: 19.79 ug/ml

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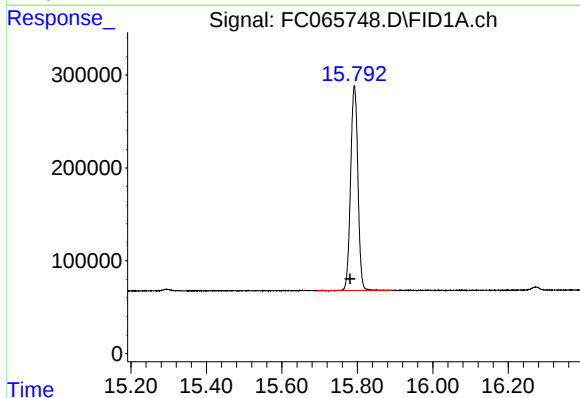
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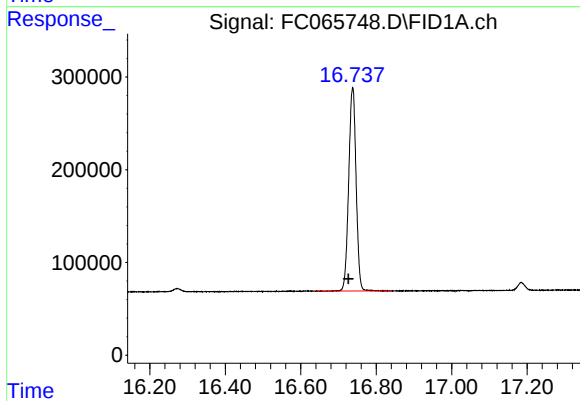
#14 n-Tetracosane (C24)

R.T.: 14.776 min
Delta R.T.: 0.010 min
Response: 2962672
Conc: 19.93 ug/ml



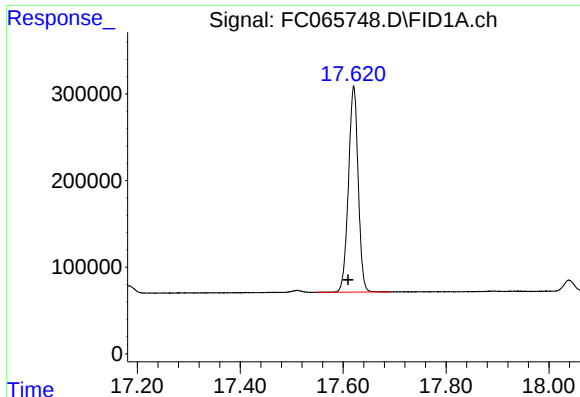
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: 0.011 min
Response: 2958977
Conc: 19.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.011 min
Response: 2985481
Conc: 20.35 ug/ml



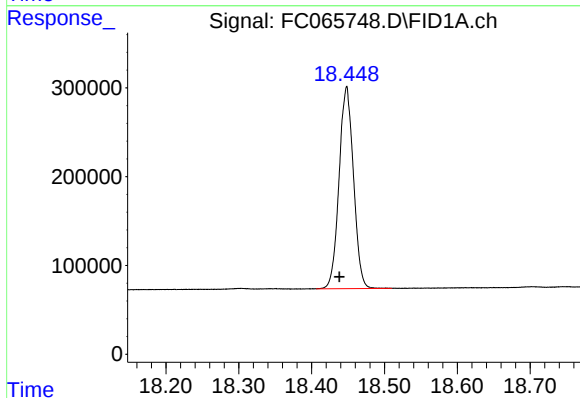
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.010 min
Response: 3130608
Conc: 20.85 ug/ml

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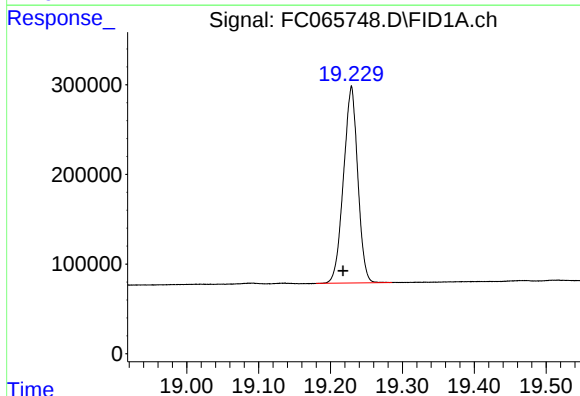
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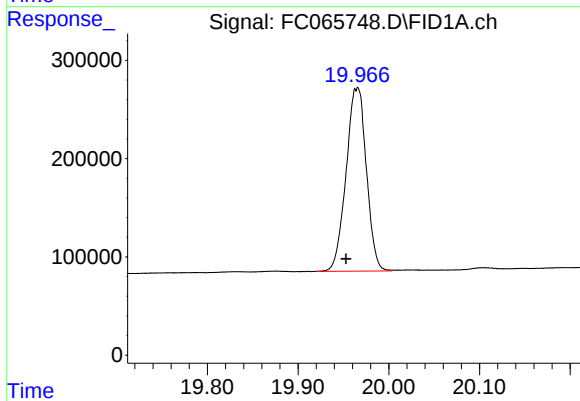
#18 n-Dotriacontane (C32)

R.T.: 18.448 min
Delta R.T.: 0.010 min
Response: 3128290
Conc: 21.15 ug/ml m



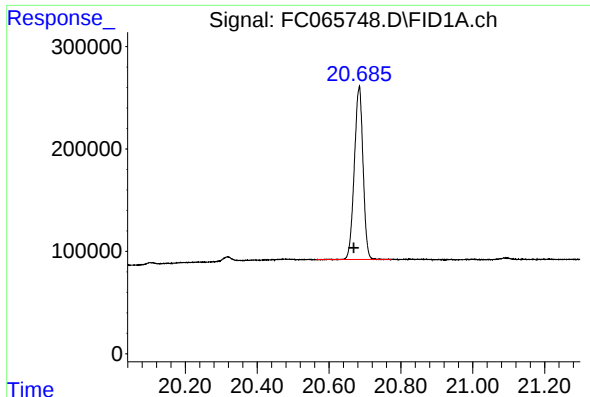
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: 0.011 min
Response: 3021940
Conc: 20.85 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.966 min
Delta R.T.: 0.013 min
Response: 2900491
Conc: 20.43 ug/ml m



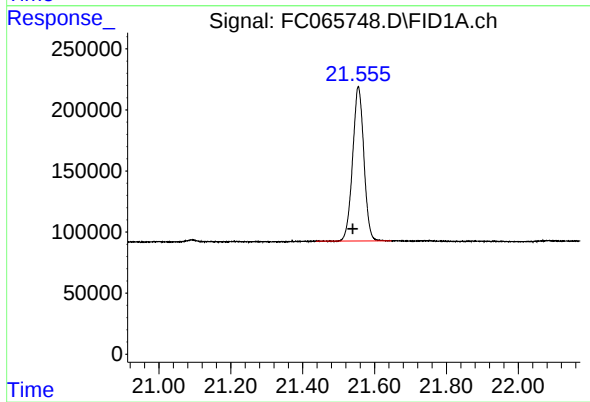
#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: 0.014 min
Response: 2837702
Conc: 20.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.555 min
Delta R.T.: 0.016 min
Response: 2742656
Conc: 19.66 ug/ml