

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102824AL\
 Data File : FC067541.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2024 13:55
 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 10/29/2024
 Supervised By :Ankita Jodhani 10/29/2024

Integration File: sample.E
 Quant Time: Oct 29 00:05:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.494	2958818	20.165 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
12) S 1-chlorooctadecane (S...	12.932	2195676	20.333 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T n-Nonane (C9)	3.274	2662070	19.760 ug/ml
2) T n-Decane (C10)	4.339	2724543	19.997 ug/ml
3) T A~Naphthalene (C11.7)	5.916	2956908	19.954 ug/ml
4) T n-Dodecane (C12)	6.354	2732866	20.177 ug/ml
5) T A~2-methylnaphthalene...	6.971	2834684	20.073 ug/ml
6) T n-Tetradecane (C14)	8.146	2672494	20.360 ug/ml
7) T n-Hexadecane (C16)	9.744	2717329	20.570 ug/ml
8) T n-Octadecane (C18)	11.183	2728945	20.656 ug/ml
10) T n-Eicosane (C20)	12.489	2591647	20.540 ug/ml
11) T n-Heneicosane (C21)	13.101	2537036	20.557 ug/ml
13) T n-Docosane (C22)	13.685	2512507	20.519 ug/ml
14) T n-Tetracosane (C24)	14.786	2490102	20.544 ug/ml
15) T n-Hexacosane (C26)	15.806	2457754	20.644 ug/ml
16) T n-Octacosane (C28)	16.754	2453146	20.852 ug/ml
17) T n-Tricontane (C30)	17.640	2588383	21.414 ug/ml
18) T n-Dotriacontane (C32)	18.471	2582697	21.828 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2293073	21.896 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1966505	21.604 ug/ml
21) T n-Octatriacontane (C38)	20.711	1823109	21.051 ug/mlm
22) T n-Tetracontane (C40)	21.595	1751942	20.608 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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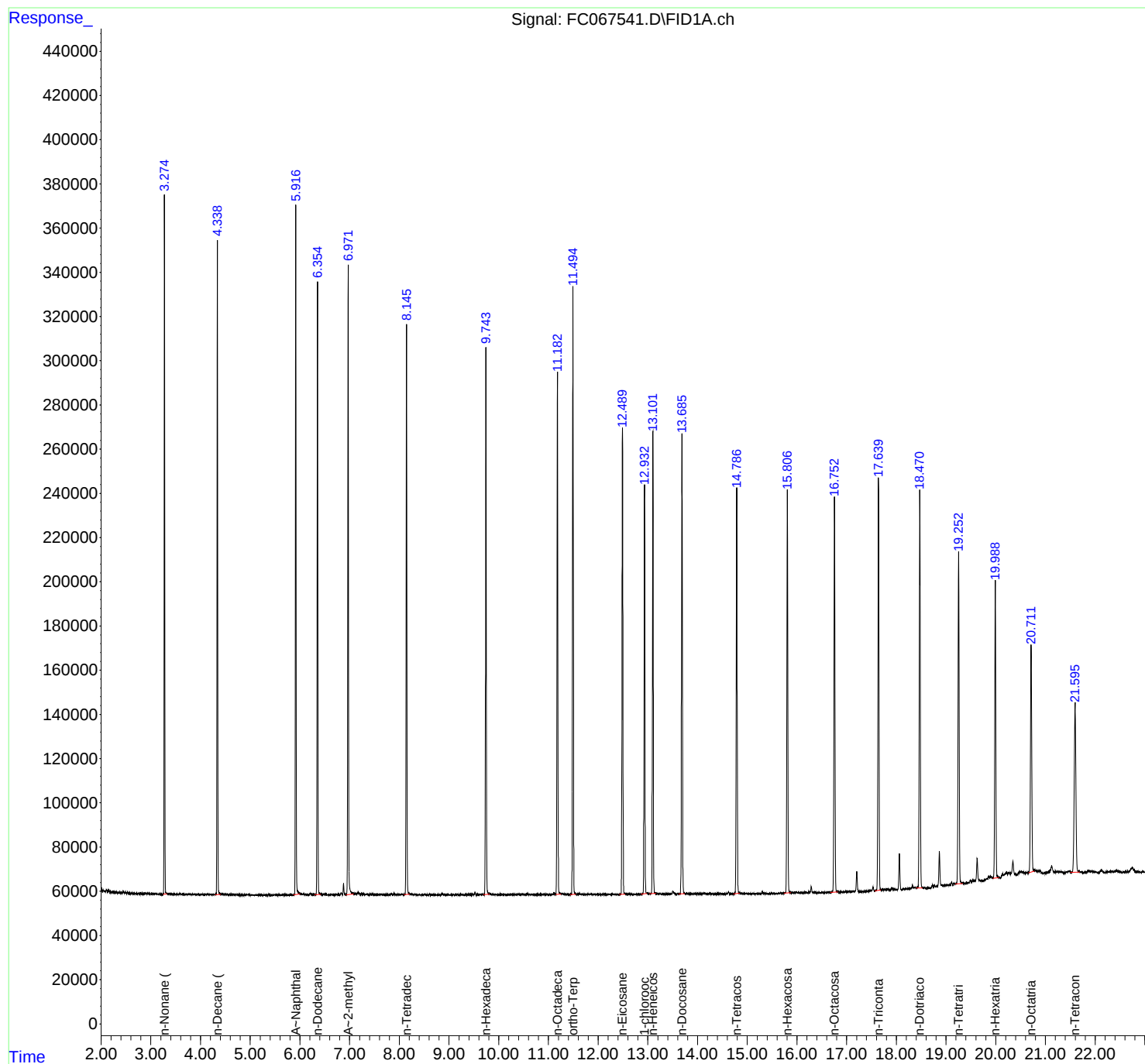
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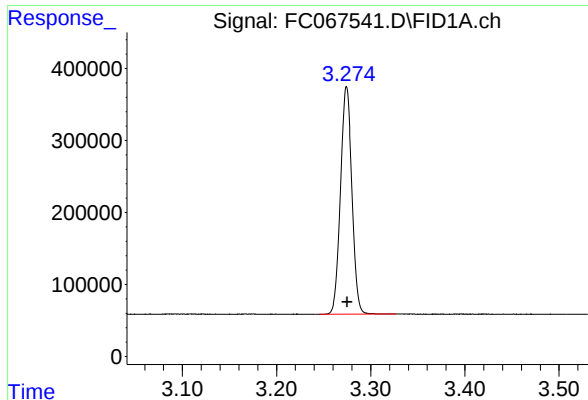
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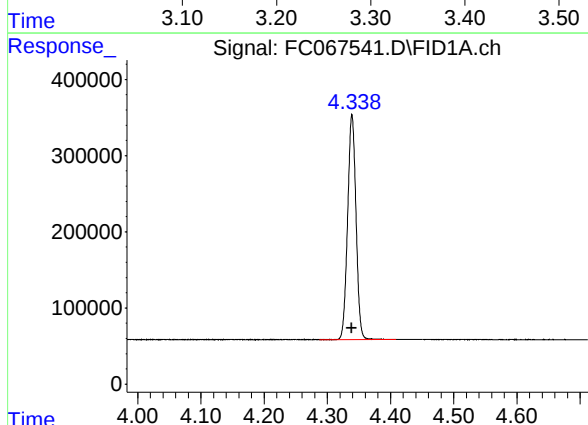
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 2662070
Conc: 19.76 ug/ml

Instrument : FID_C
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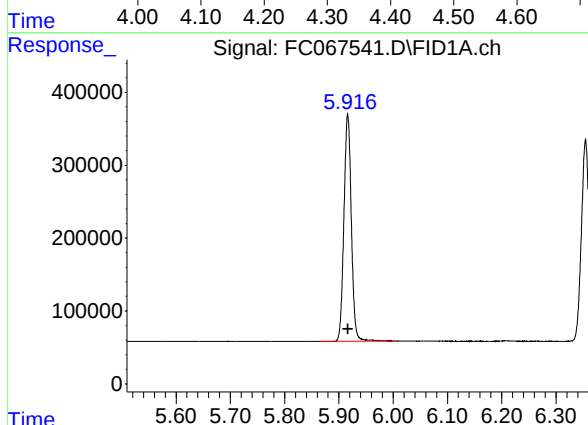
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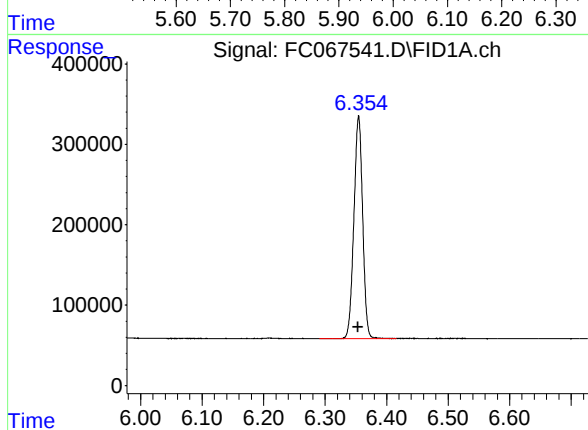
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 2724543
Conc: 20.00 ug/ml



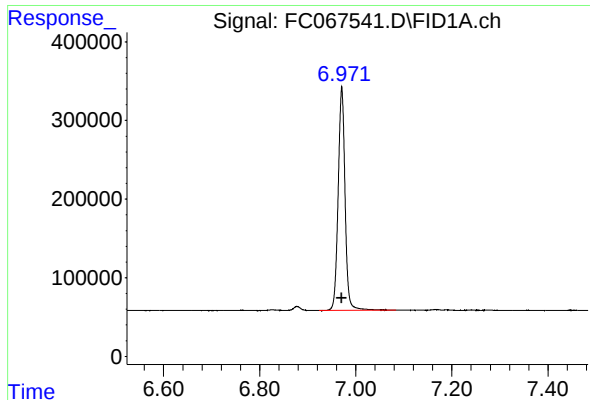
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 2956908
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 2732866
Conc: 20.18 ug/ml



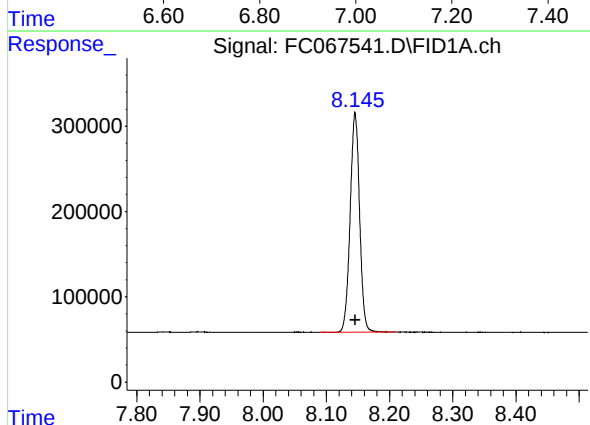
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 2834684
Conc: 20.07 ug/ml

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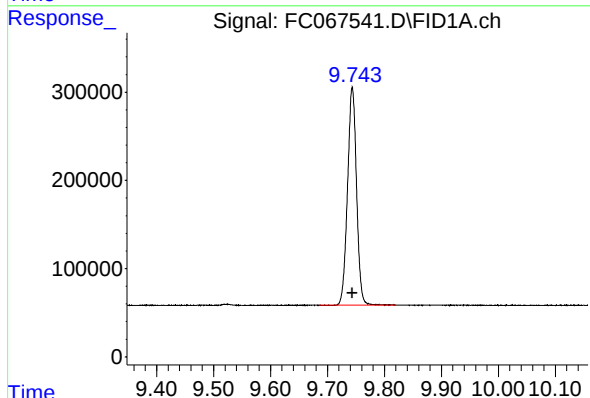
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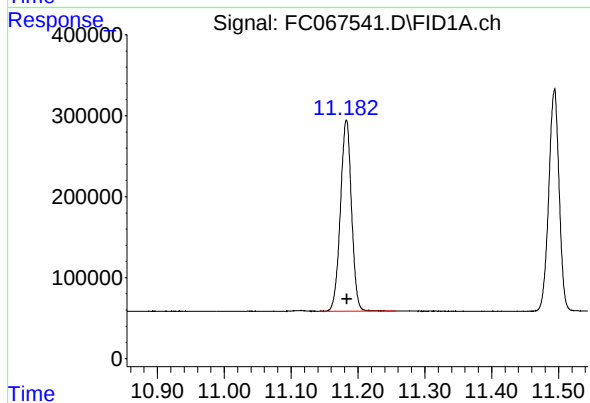
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2672494
Conc: 20.36 ug/ml



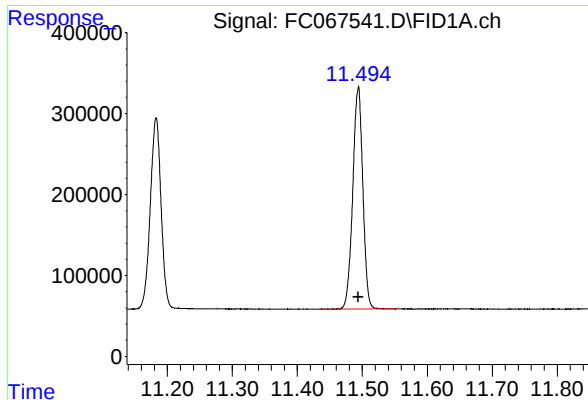
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 2717329
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: -0.001 min
Response: 2728945
Conc: 20.66 ug/ml



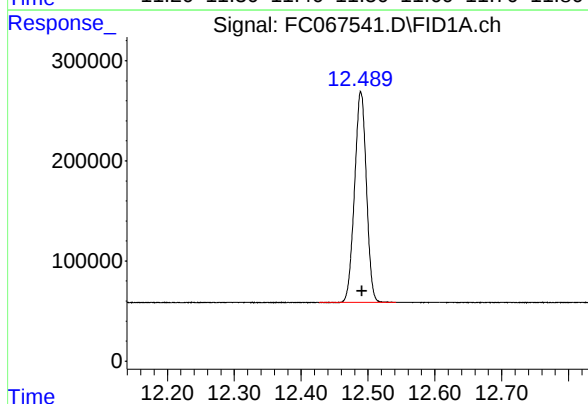
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 2958818
Conc: 20.16 ug/ml

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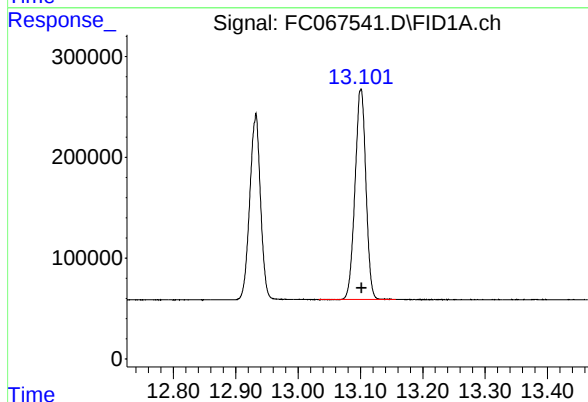
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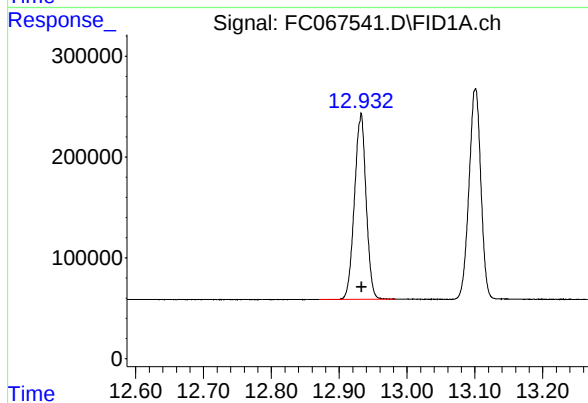
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.001 min
Response: 2591647
Conc: 20.54 ug/ml



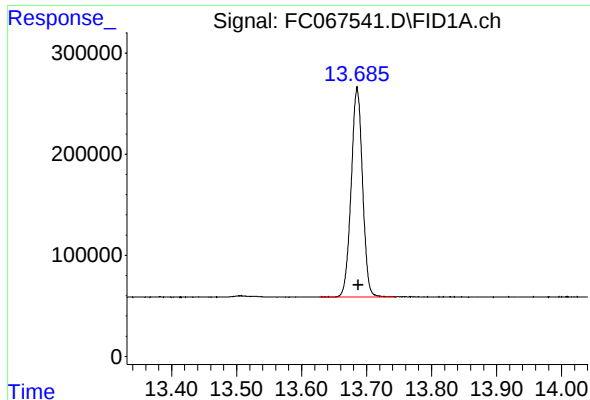
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: -0.001 min
Response: 2537036
Conc: 20.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: -0.001 min
Response: 2195676
Conc: 20.33 ug/ml



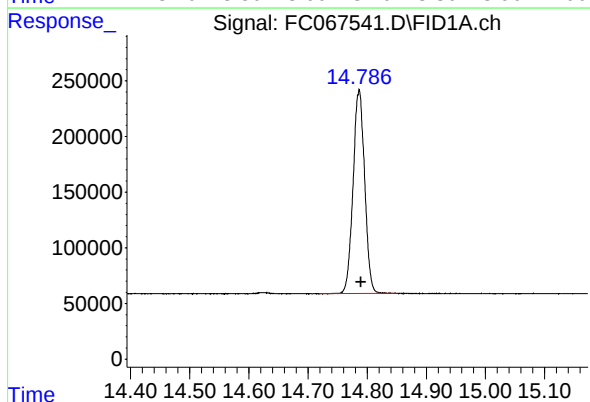
#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 2512507
Conc: 20.52 ug/ml

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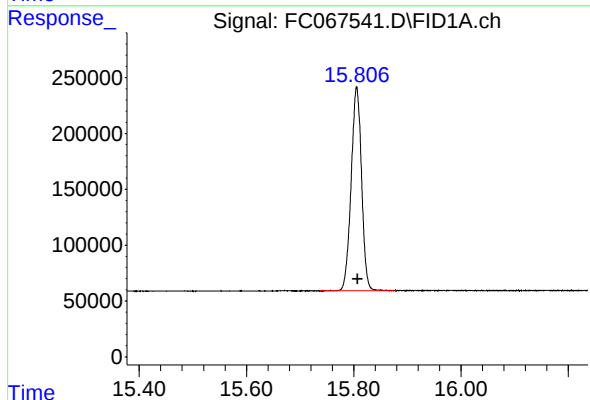
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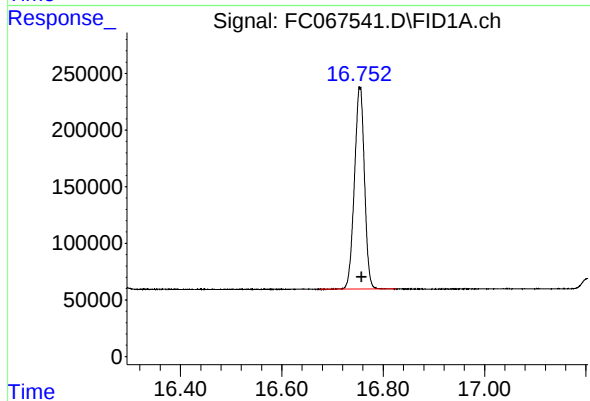
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.003 min
Response: 2490102
Conc: 20.54 ug/ml



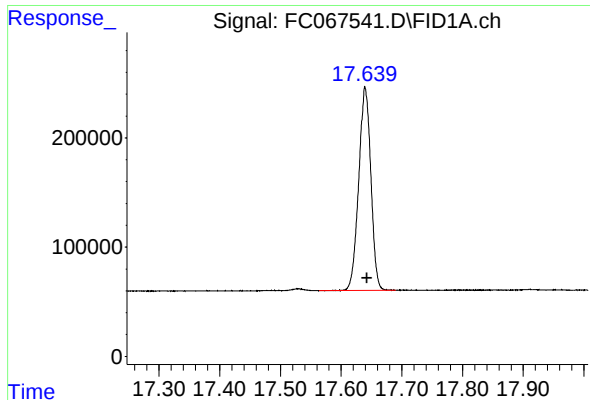
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.002 min
Response: 2457754
Conc: 20.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 2453146
Conc: 20.85 ug/ml



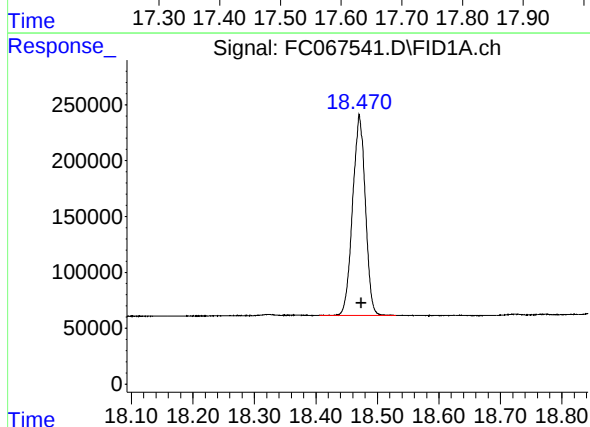
#17 n-Tricontane (C30)

R.T.: 17.640 min
Delta R.T.: -0.003 min
Response: 2588383
Conc: 21.41 ug/ml

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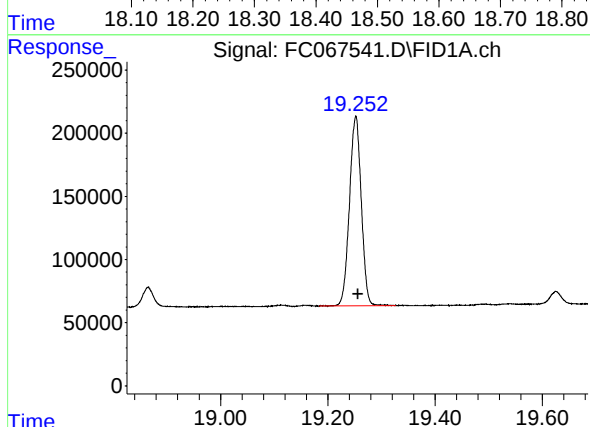
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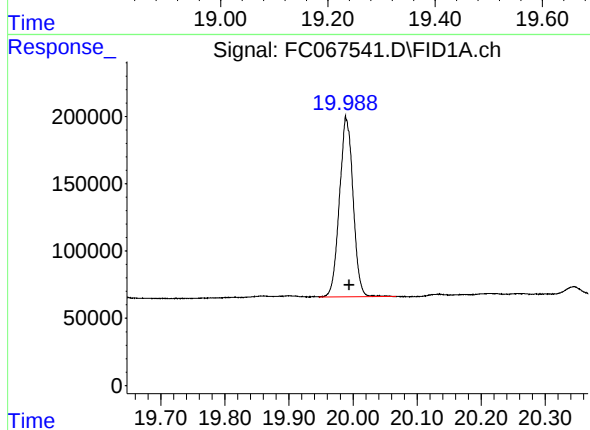
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.003 min
Response: 2582697
Conc: 21.83 ug/ml



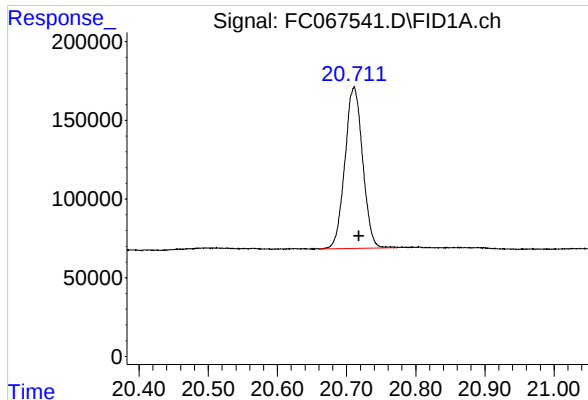
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.004 min
Response: 2293073
Conc: 21.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: -0.005 min
Response: 1966505
Conc: 21.60 ug/ml



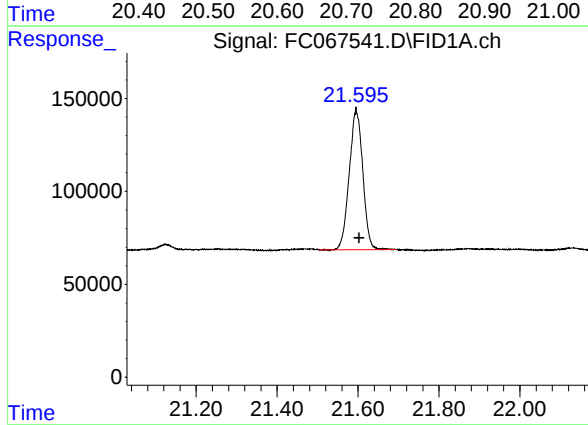
#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.007 min
Response: 1823109
Conc: 21.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: -0.008 min
Response: 1751942
Conc: 20.61 ug/ml