

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102224AL\
 Data File : FC067503.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 13:22
 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 10/24/2024
 Supervised By :Ankita Jodhani 10/24/2024

Integration File: autoint1.e
 Quant Time: Oct 24 04:09:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.496	2648484	17.406 ug/ml
Spiked Amount 50.000		Recovery =	34.81%
12) S 1-chlorooctadecane (S...	12.934	1963267	17.344 ug/ml
Spiked Amount 50.000		Recovery =	34.69%
Target Compounds			
1) T n-Nonane (C9)	3.274	2377710	18.758 ug/ml
2) T n-Decane (C10)	4.339	2454736	19.097 ug/ml
3) T A~Naphthalene (C11.7)	5.916	2665947	18.793 ug/ml
4) T n-Dodecane (C12)	6.354	2446468	18.853 ug/ml
5) T A~2-methylnaphthalene...	6.971	2555414	18.627 ug/ml
6) T n-Tetradecane (C14)	8.146	2377997	18.463 ug/ml
7) T n-Hexadecane (C16)	9.745	2398063	18.015 ug/ml
8) T n-Octadecane (C18)	11.185	2409028	17.765 ug/ml
10) T n-Eicosane (C20)	12.492	2301591	17.627 ug/ml
11) T n-Heneicosane (C21)	13.102	2245544	17.508 ug/ml
13) T n-Docosane (C22)	13.688	2263128	17.724 ug/ml
14) T n-Tetracosane (C24)	14.790	2337276	18.275 ug/ml
15) T n-Hexacosane (C26)	15.810	2363509	18.745 ug/ml
16) T n-Octacosane (C28)	16.757	2433875	19.373 ug/ml
17) T n-Tricontane (C30)	17.644	2586689	20.079 ug/ml
18) T n-Dotriacontane (C32)	18.474	2588047	20.716 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2210473	20.228 ug/ml
20) T n-Hexatriacontane (C36)	19.995	1827893	19.339 ug/ml
21) T n-Octatriacontane (C38)	20.718	1690479	19.276 ug/ml
22) T n-Tetracontane (C40)	21.606	1630345	18.947 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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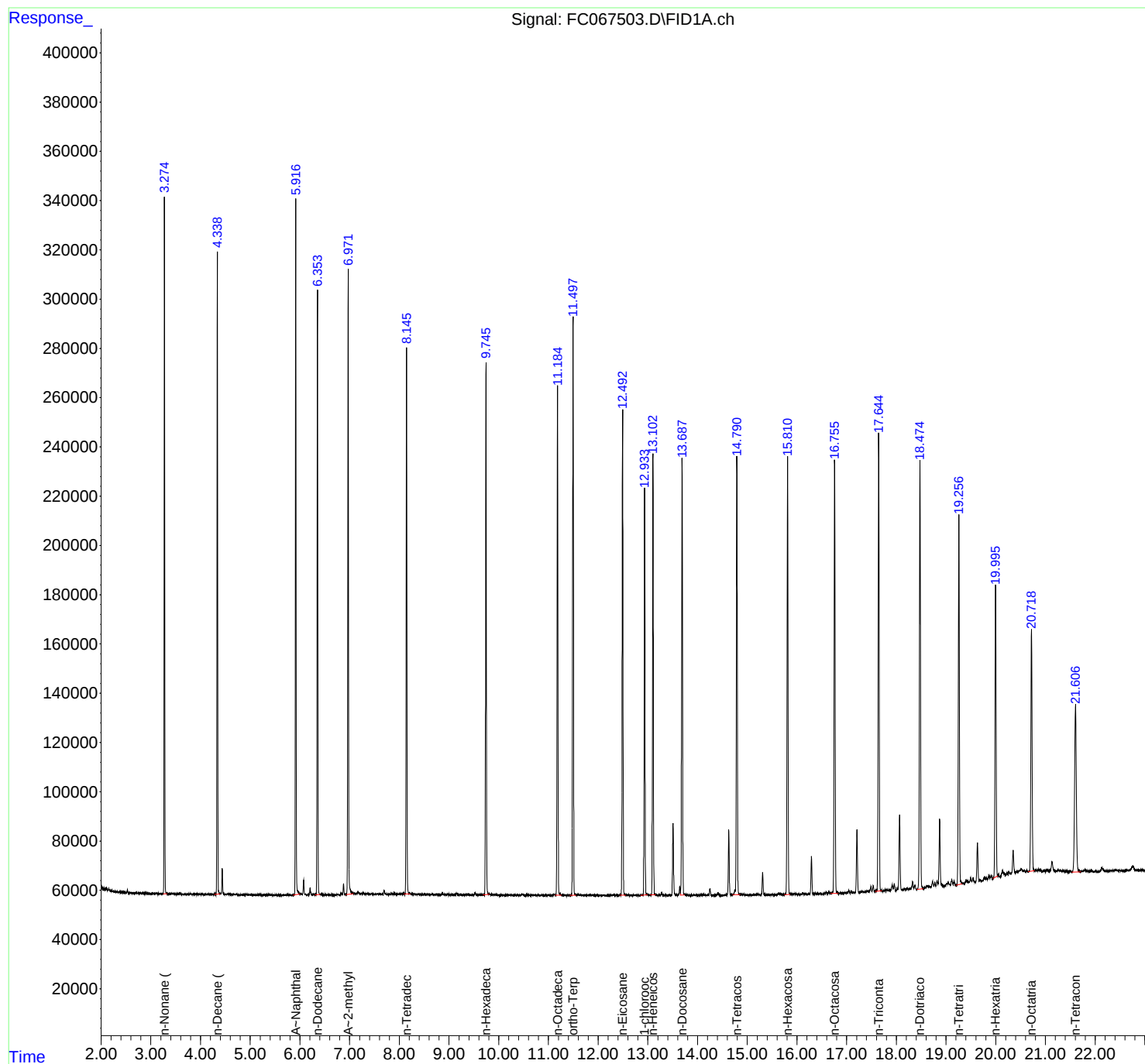
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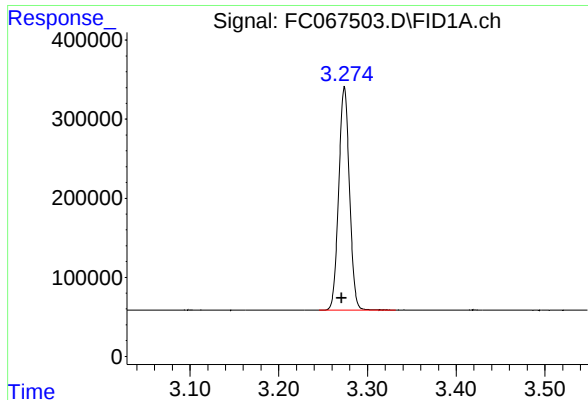
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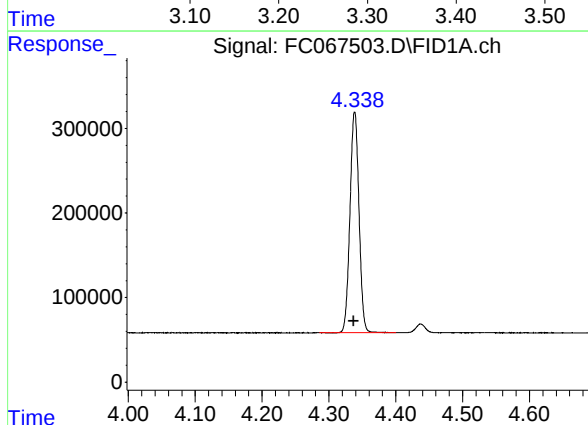
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 2377710
Conc: 18.76 ug/ml

Instrument : FID_C
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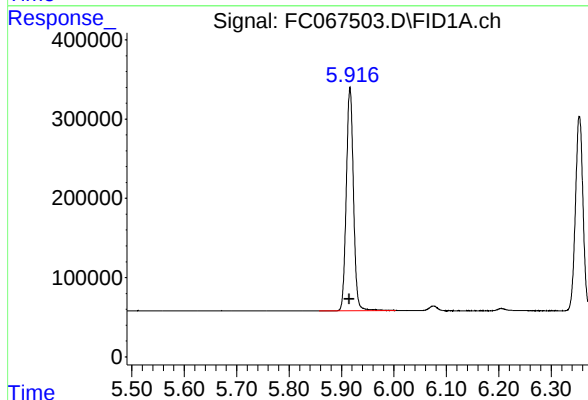
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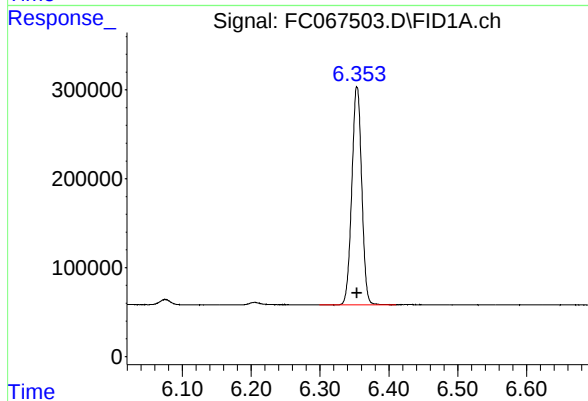
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 2454736
Conc: 19.10 ug/ml



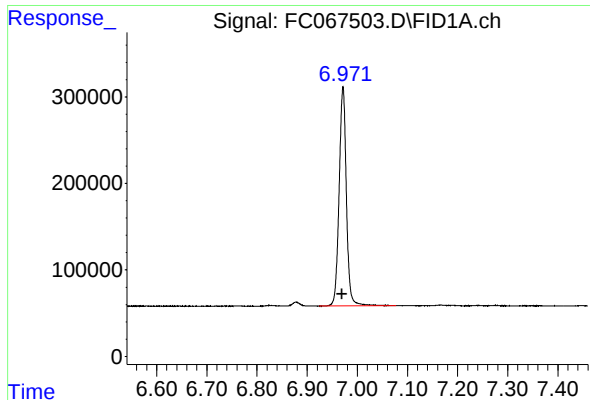
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.001 min
Response: 2665947
Conc: 18.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 2446468
Conc: 18.85 ug/ml



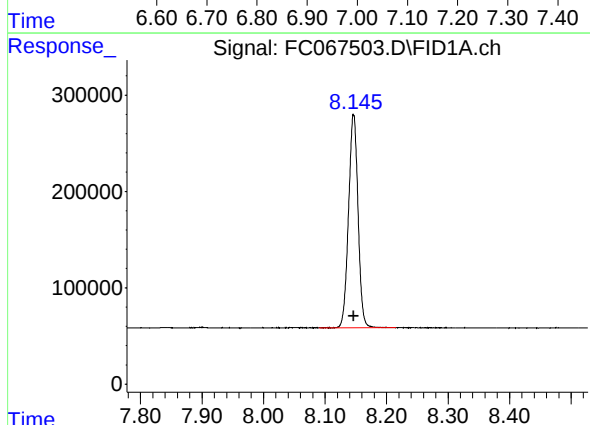
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: 0.002 min
Response: 2555414
Conc: 18.63 ug/ml

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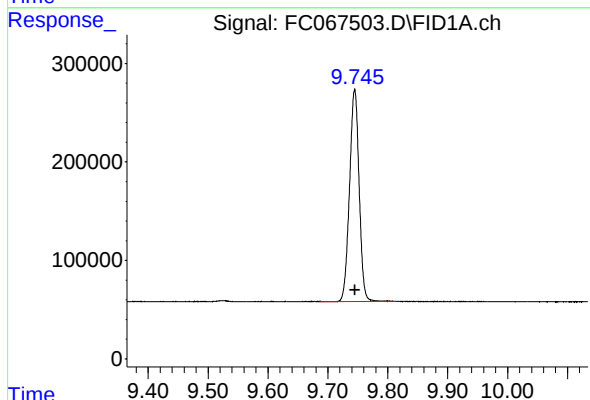
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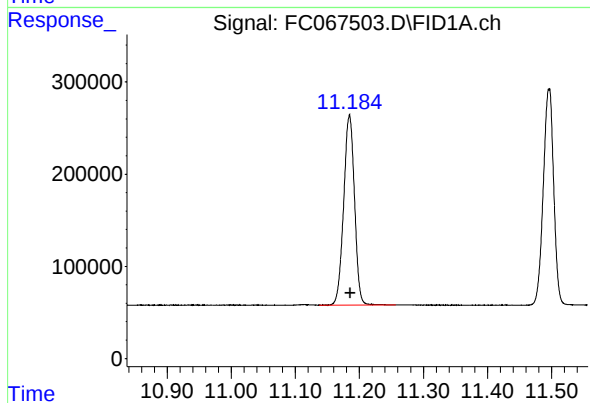
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2377997
Conc: 18.46 ug/ml



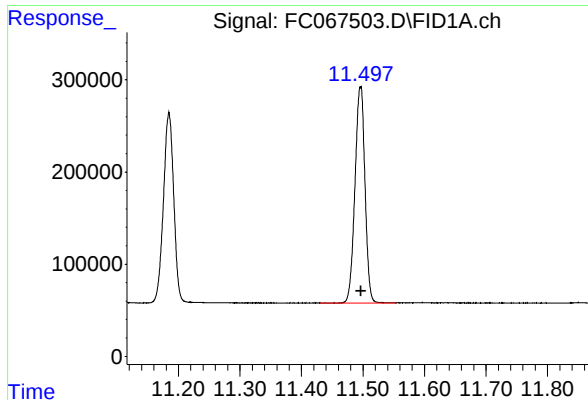
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2398063
Conc: 18.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: -0.002 min
Response: 2409028
Conc: 17.77 ug/ml



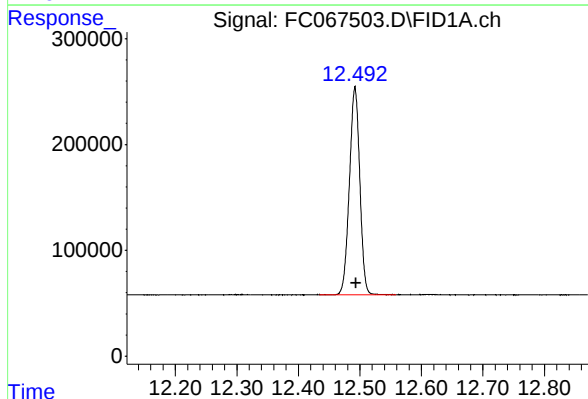
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: -0.001 min
Response: 2648484
Conc: 17.41 ug/ml

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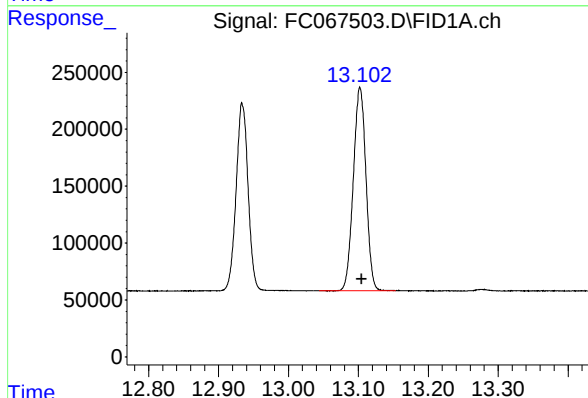
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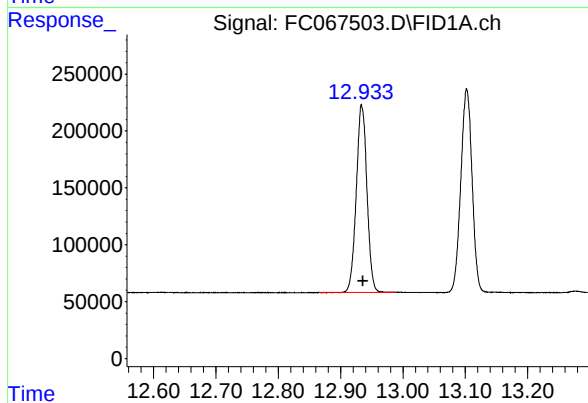
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: -0.001 min
Response: 2301591
Conc: 17.63 ug/ml



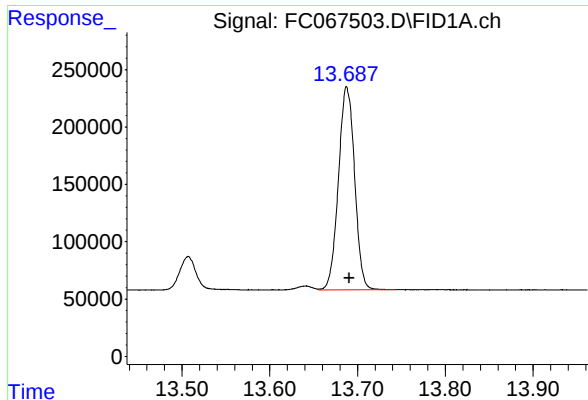
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: -0.002 min
Response: 2245544
Conc: 17.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.934 min
Delta R.T.: -0.002 min
Response: 1963267
Conc: 17.34 ug/ml



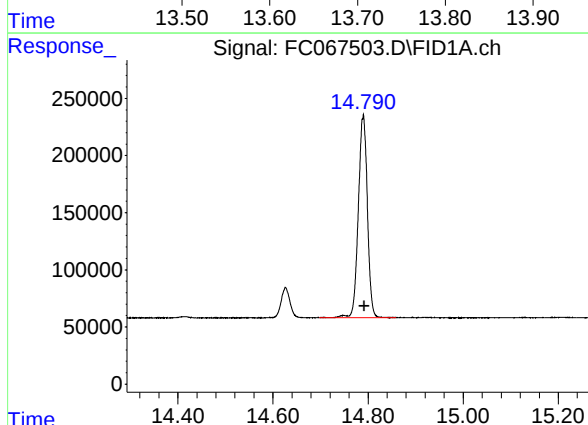
#13 n-Docosane (C22)

R.T.: 13.688 min
Delta R.T.: -0.003 min
Response: 2263128
Conc: 17.72 ug/ml

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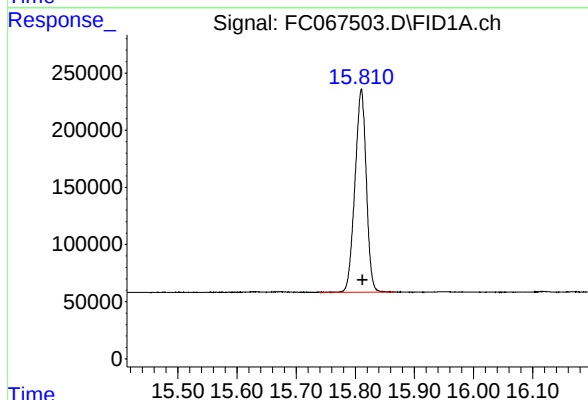
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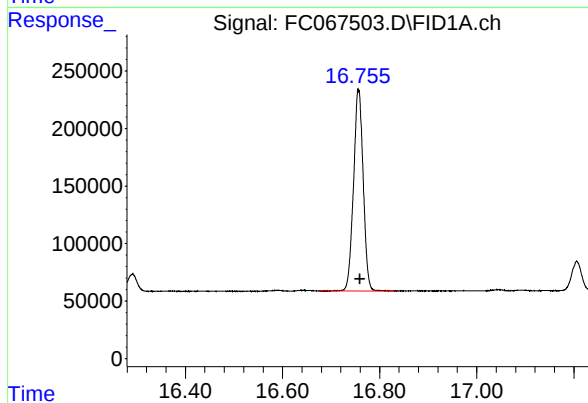
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: -0.002 min
Response: 2337276
Conc: 18.28 ug/ml



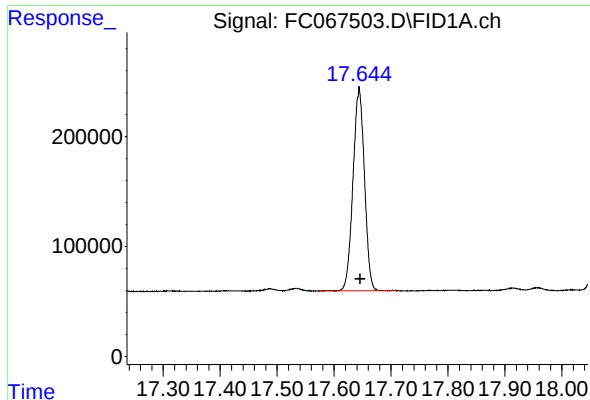
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: -0.002 min
Response: 2363509
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.757 min
Delta R.T.: -0.003 min
Response: 2433875
Conc: 19.37 ug/ml



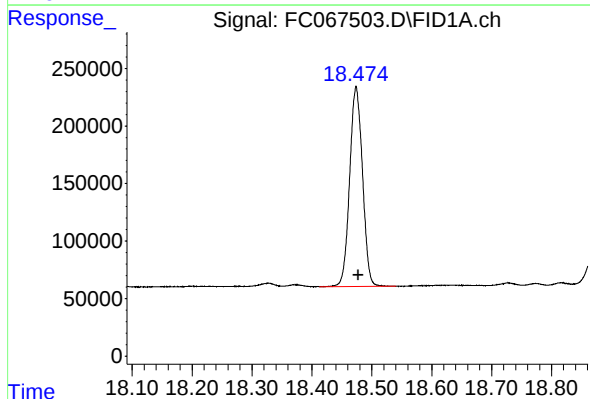
#17 n-Tricontane (C30)

R.T.: 17.644 min
Delta R.T.: -0.002 min
Response: 2586689
Conc: 20.08 ug/ml

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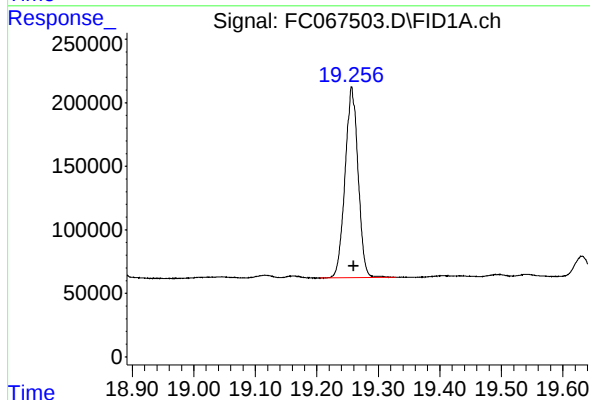
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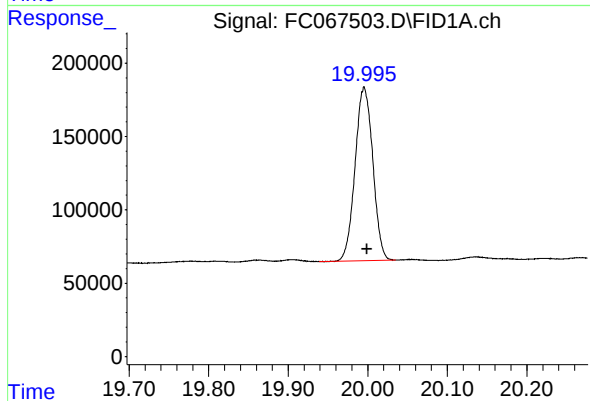
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.004 min
Response: 2588047
Conc: 20.72 ug/ml



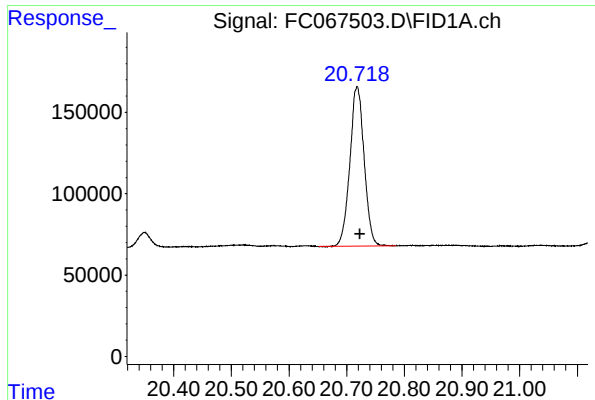
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.003 min
Response: 2210473
Conc: 20.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: -0.004 min
Response: 1827893
Conc: 19.34 ug/ml



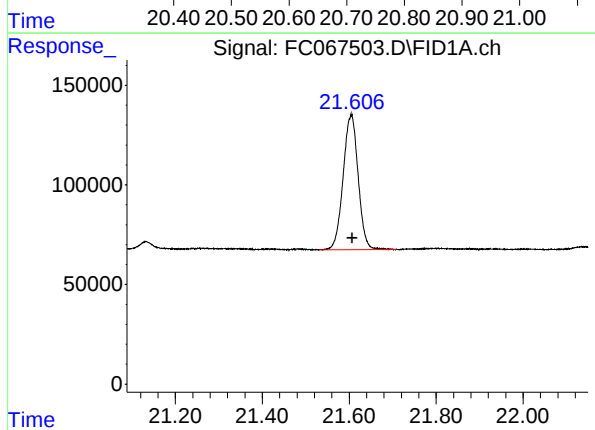
#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.005 min
Response: 1690479
Conc: 19.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: -0.001 min
Response: 1630345
Conc: 18.95 ug/ml m