

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110424AL\
 Data File : FC067625.D
 Signal(s) : FID1A.ch
 Acq On : 05 Nov 2024 05:24
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
 Quant Time: Nov 05 05:59:16 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)	11.488	2524629	17.206 ug/ml
Spiked Amount 50.000		Recovery =	34.41%
12) S 1-chlorooctadecane (S...	12.927	1888914	17.492 ug/ml
Spiked Amount 50.000		Recovery =	34.98%
Target Compounds			
1) T n-Nonane (C9)	3.271	2192787	16.277 ug/ml
2) T n-Decane (C10)	4.335	2302665	16.901 ug/ml
3) T A~Naphthalene (C11.7)	5.911	2494675	16.834 ug/ml
4) T n-Dodecane (C12)	6.349	2320567	17.133 ug/ml
5) T A~2-methylnaphthalene...	6.966	2387439	16.906 ug/ml
6) T n-Tetradecane (C14)	8.141	2275012	17.332 ug/ml
7) T n-Hexadecane (C16)	9.738	2319421	17.558 ug/ml
8) T n-Octadecane (C18)	11.178	2339871	17.711 ug/ml
10) T n-Eicosane (C20)	12.485	2250125	17.833 ug/ml
11) T n-Heneicosane (C21)	13.095	2186712	17.718 ug/ml
13) T n-Docosane (C22)	13.680	2232927	18.236 ug/ml
14) T n-Tetracosane (C24)	14.781	2332854	19.246 ug/ml
15) T n-Hexacosane (C26)	15.801	2438098	20.479 ug/ml
16) T n-Octacosane (C28)	16.749	2583575	21.960 ug/mlm
17) T n-Tricontane (C30)	17.634	2794571	23.120 ug/ml
18) T n-Dotriacontane (C32)	18.466	2797835	23.646 ug/ml
19) T n-Tetratriacontane (C34)	19.246	2338687	22.331 ug/ml
20) T n-Hexatriacontane (C36)	19.985	1877145	20.622 ug/ml
21) T n-Octatriacontane (C38)	20.705	1682150	19.424 ug/ml
22) T n-Tetracontane (C40)	21.588	1577436	18.556 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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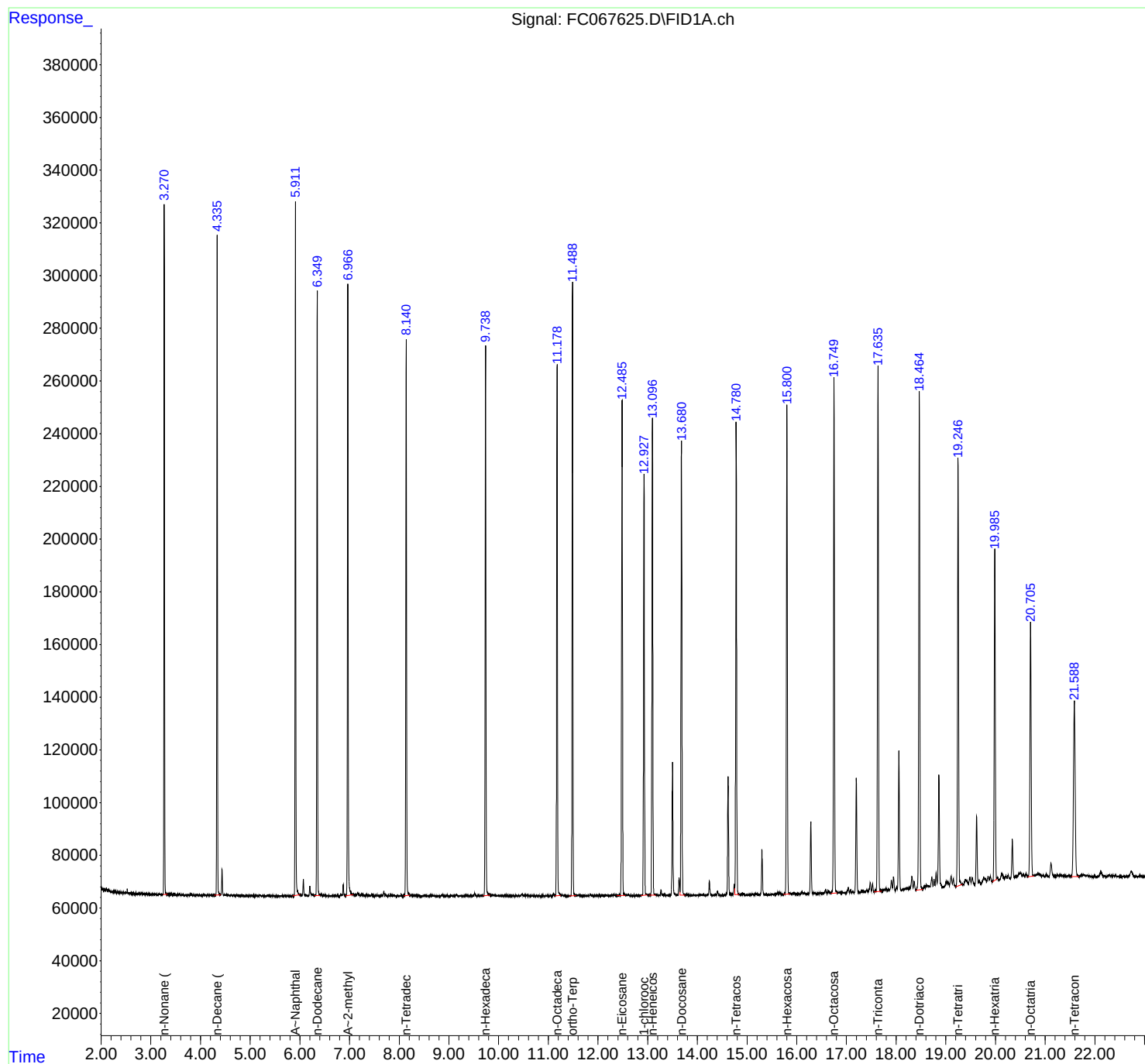
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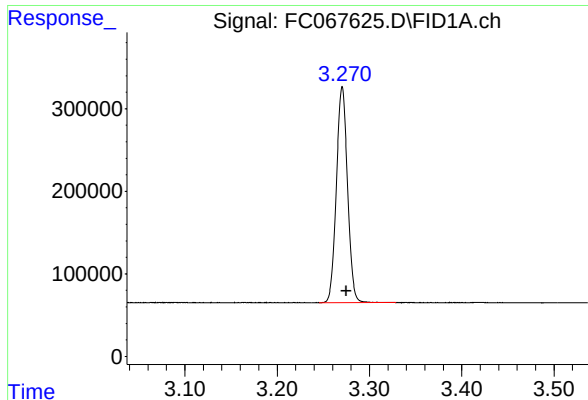
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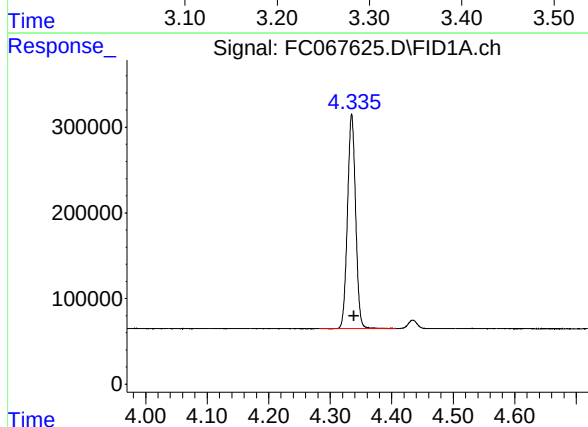
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2192787
Conc: 16.28 ug/ml

Instrument : FID_C
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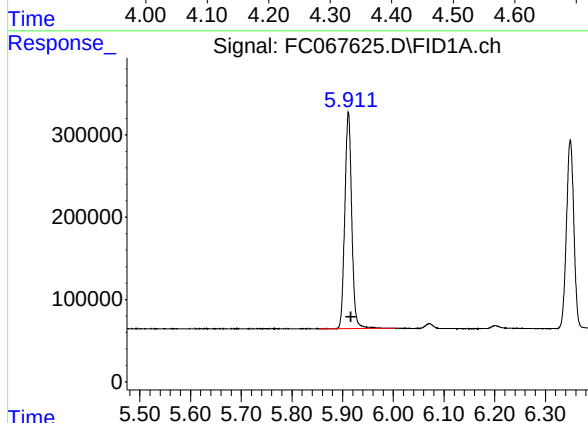
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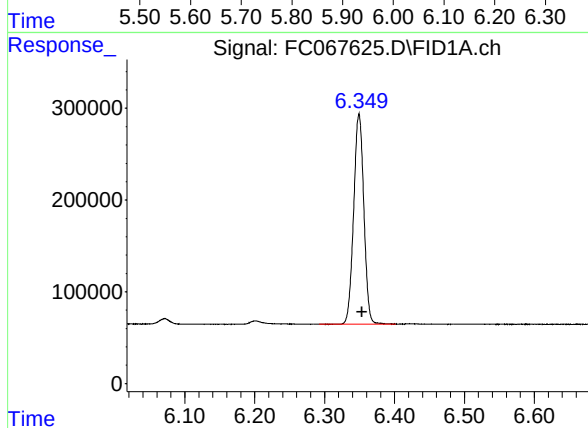
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 2302665
Conc: 16.90 ug/ml



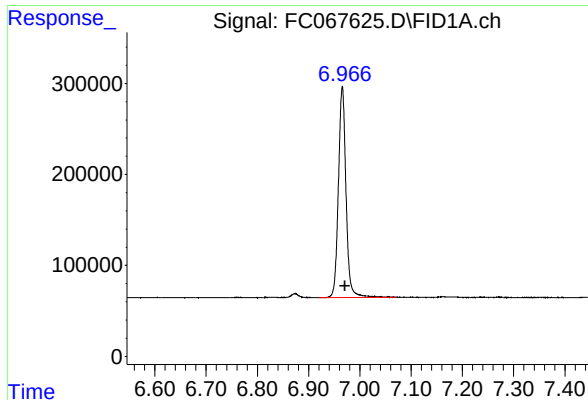
#3 A~Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: -0.005 min
Response: 2494675
Conc: 16.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.349 min
Delta R.T.: -0.004 min
Response: 2320567
Conc: 17.13 ug/ml



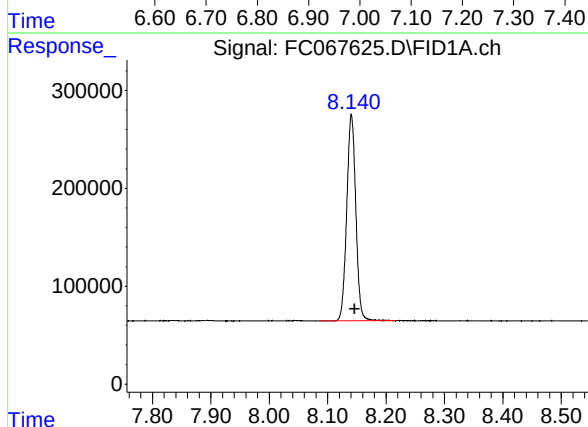
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: -0.006 min
Response: 2387439
Conc: 16.91 ug/ml

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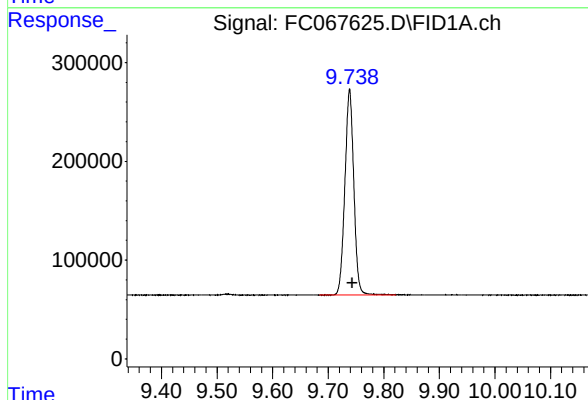
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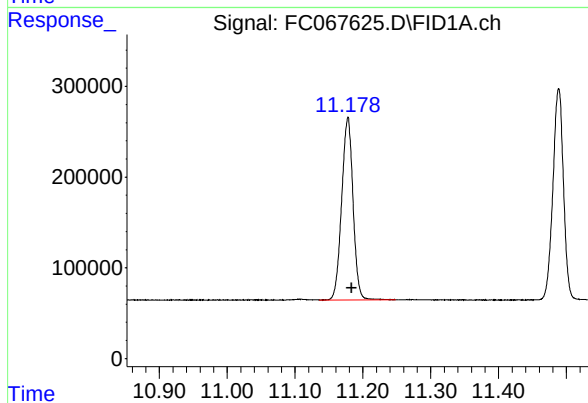
#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: -0.005 min
Response: 2275012
Conc: 17.33 ug/ml



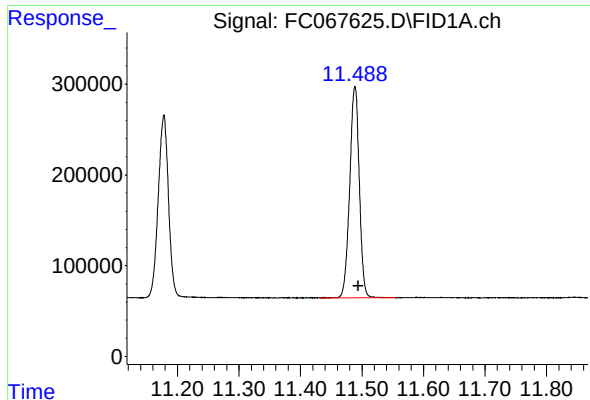
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: -0.005 min
Response: 2319421
Conc: 17.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: -0.006 min
Response: 2339871
Conc: 17.71 ug/ml



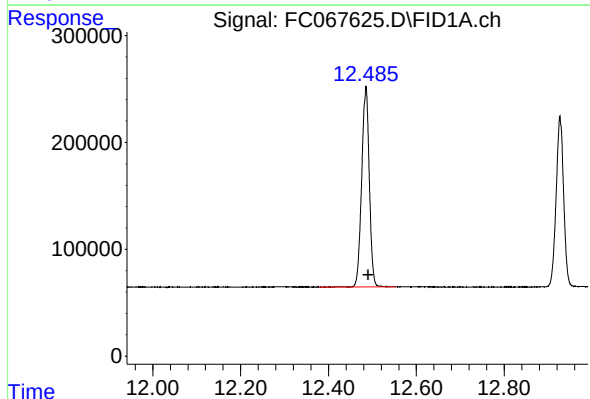
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.006 min
Response: 2524629
Conc: 17.21 ug/ml

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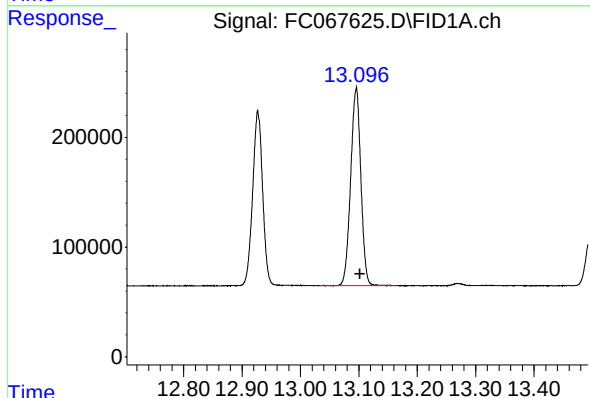
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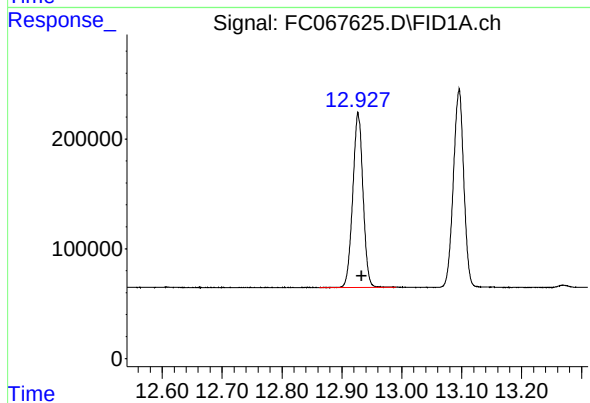
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: -0.006 min
Response: 2250125
Conc: 17.83 ug/ml



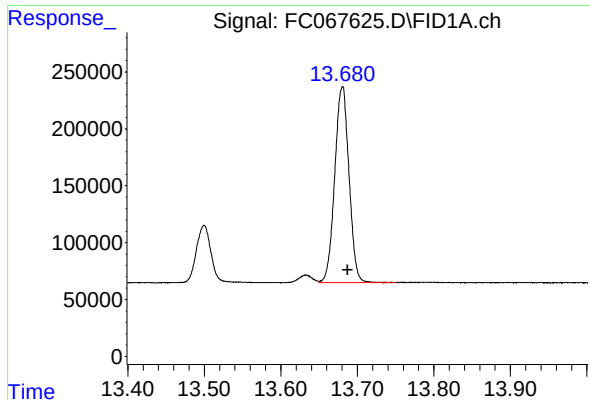
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: -0.007 min
Response: 2186712
Conc: 17.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.927 min
Delta R.T.: -0.006 min
Response: 1888914
Conc: 17.49 ug/ml



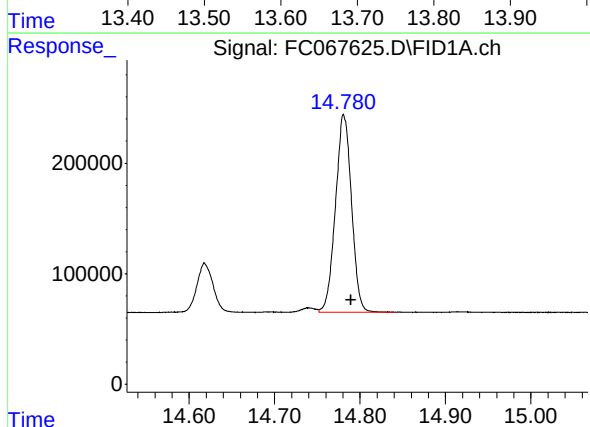
#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: -0.007 min
Response: 2232927
Conc: 18.24 ug/ml

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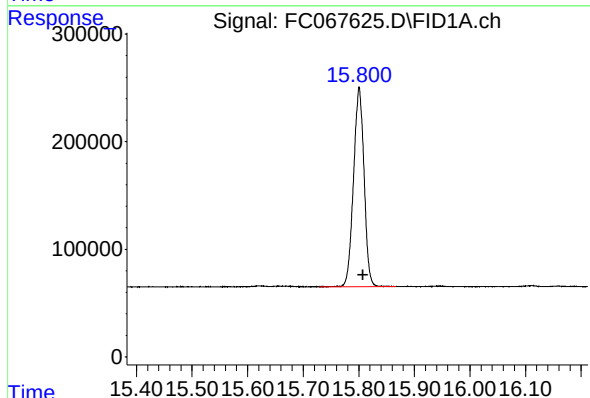
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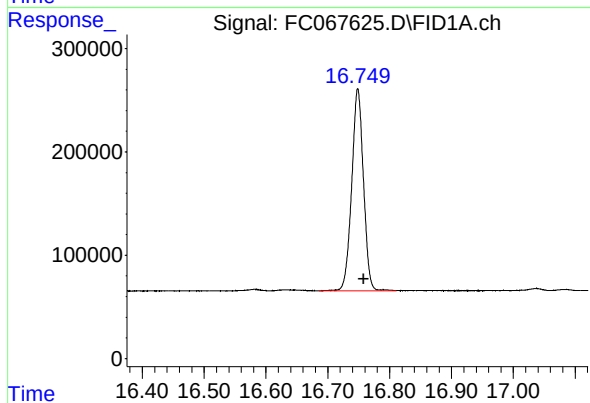
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: -0.008 min
Response: 2332854
Conc: 19.25 ug/ml



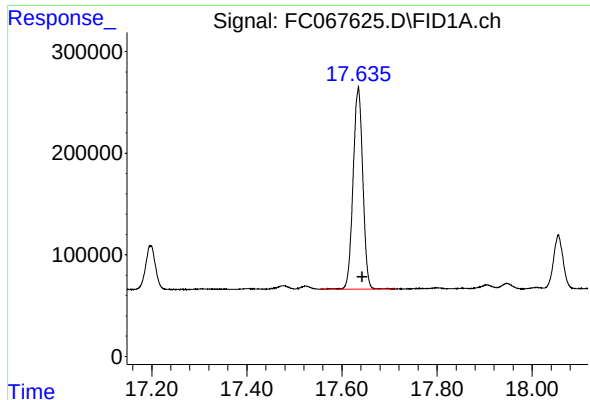
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: -0.007 min
Response: 2438098
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.749 min
Delta R.T.: -0.009 min
Response: 2583575
Conc: 21.96 ug/ml m



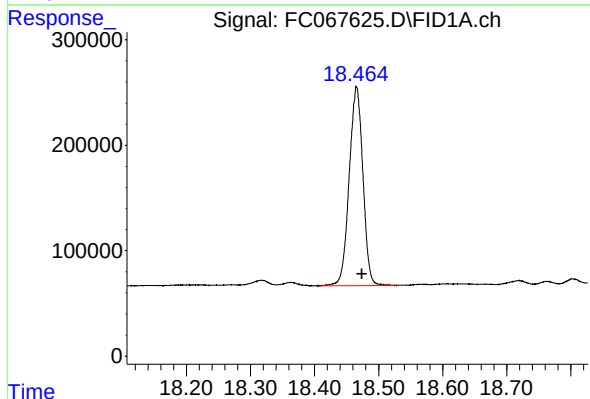
#17 n-Tricontane (C30)

R.T.: 17.634 min
Delta R.T.: -0.008 min
Response: 2794571
Conc: 23.12 ug/ml

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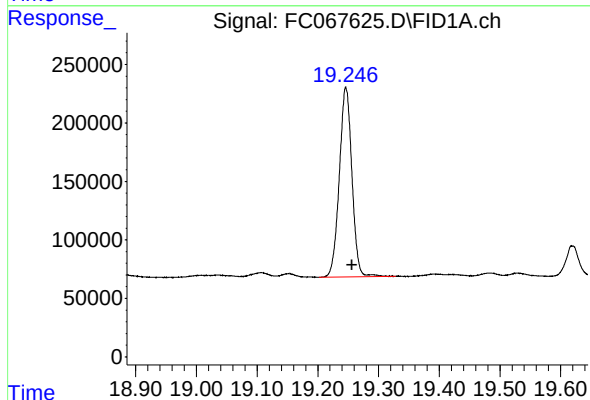
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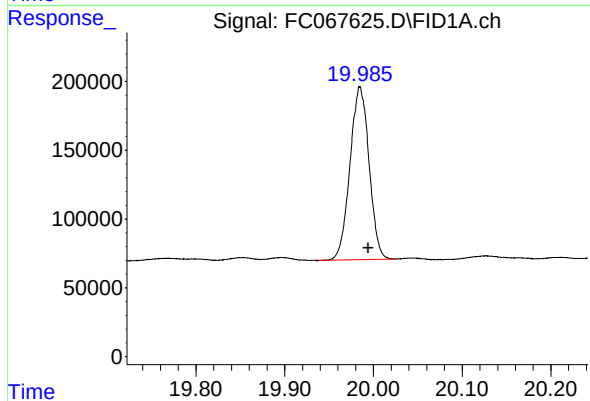
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.008 min
Response: 2797835
Conc: 23.65 ug/ml



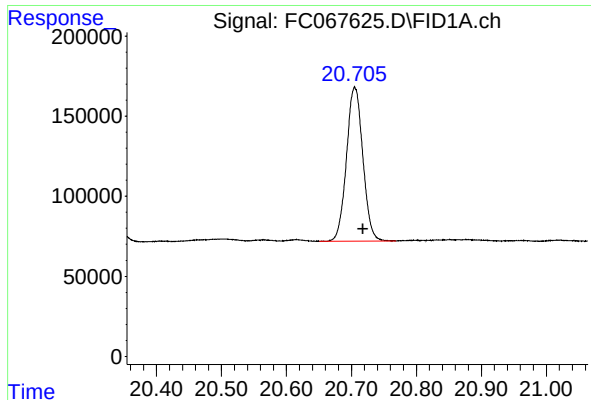
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: -0.010 min
Response: 2338687
Conc: 22.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.985 min
Delta R.T.: -0.009 min
Response: 1877145
Conc: 20.62 ug/ml



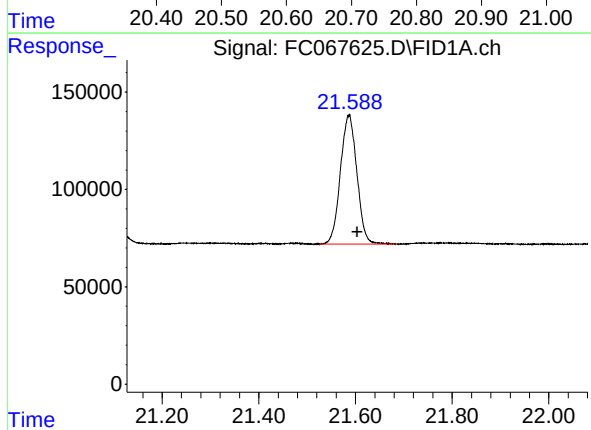
#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: -0.013 min
Response: 1682150
Conc: 19.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.015 min
Response: 1577436
Conc: 18.56 ug/ml m