

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111424AL\
 Data File : FC067752.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 13:03
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File: autoint1.e
 Quant Time: Nov 14 14:12:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:12:01 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)	11.486	1011043	5.215 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
12) S 1-chlorooctadecane (S...	12.926	759794	5.234 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
Target Compounds			
1) T n-Nonane (C9)	3.272	843654	5.172 ug/ml
2) T n-Decane (C10)	4.334	849229	5.121 ug/ml
3) T A~Naphthalene (C11.7)	5.911	932344	5.090 ug/ml
4) T n-Dodecane (C12)	6.348	863286	5.126 ug/ml
5) T A~2-methylnaphthalene...	6.965	888961	5.012 ug/ml
6) T n-Tetradecane (C14)	8.139	856517	5.114 ug/ml
7) T n-Hexadecane (C16)	9.737	887432	5.121 ug/ml
8) T n-Octadecane (C18)	11.176	913982	5.195 ug/ml
10) T n-Eicosane (C20)	12.482	889327	5.281 ug/ml
11) T n-Heneicosane (C21)	13.094	873353	5.308 ug/ml
13) T n-Docosane (C22)	13.679	876194	5.380 ug/ml
14) T n-Tetracosane (C24)	14.780	890863	5.555 ug/ml
15) T n-Hexacosane (C26)	15.799	863791	5.578 ug/ml
16) T n-Octacosane (C28)	16.747	857935	5.681 ug/ml
17) T n-Tricontane (C30)	17.633	893915	5.838 ug/ml
18) T n-Dotriacontane (C32)	18.465	878383	5.947 ug/ml
19) T n-Tetratriacontane (C34)	19.245	725252	5.750 ug/ml
20) T n-Hexatriacontane (C36)	19.986	583478	5.580 ug/mlm
21) T n-Octatriacontane (C38)	20.705	529758	5.423 ug/ml
22) T n-Tetracontane (C40)	21.585	569616	5.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC11424AL\
Data File : FC067752.D
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Acq On : 14 Nov 2024 13:03
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

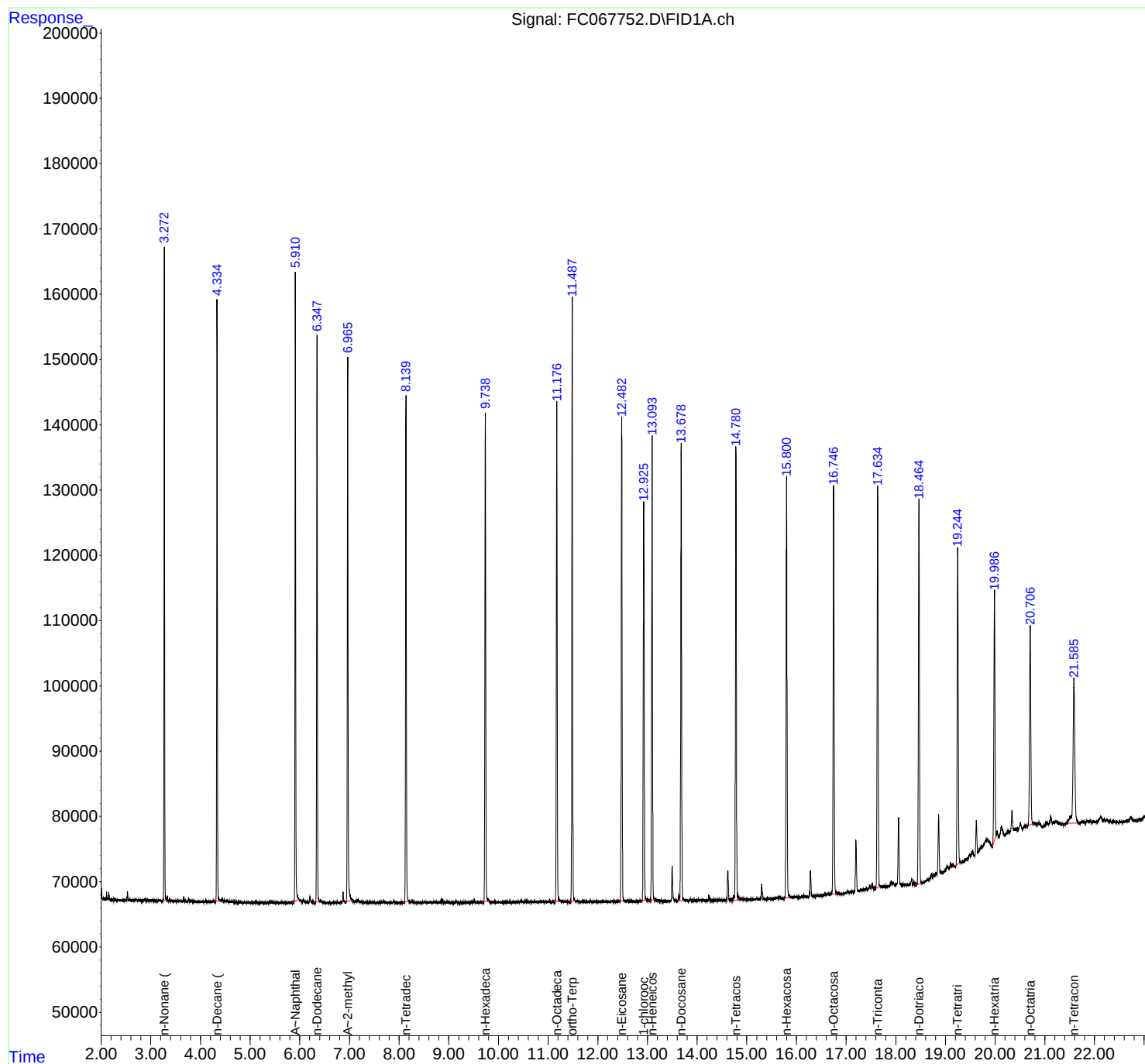
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

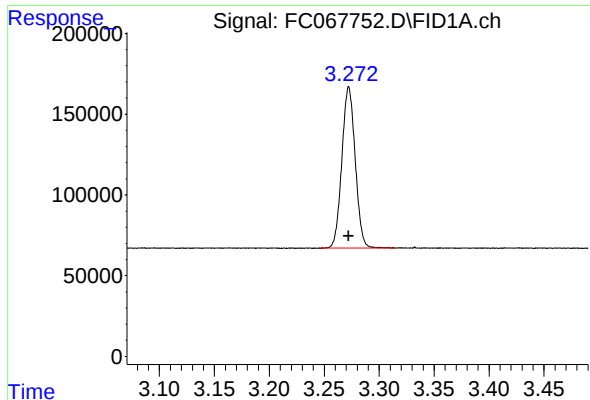
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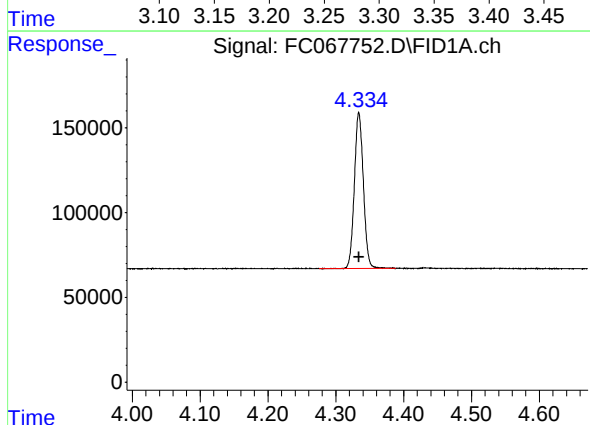
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 843654
Conc: 5.17 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

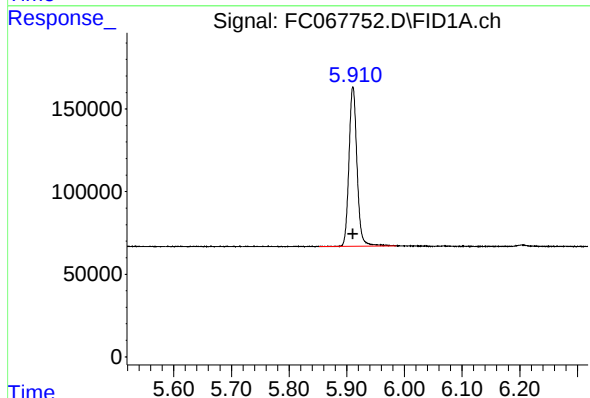
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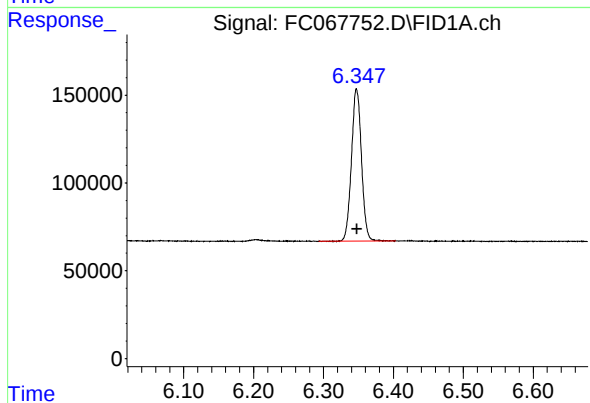
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 849229
Conc: 5.12 ug/ml



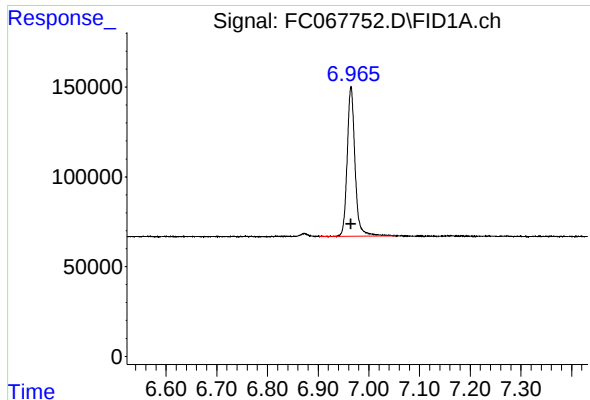
#3 A~Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 932344
Conc: 5.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 863286
Conc: 5.13 ug/ml



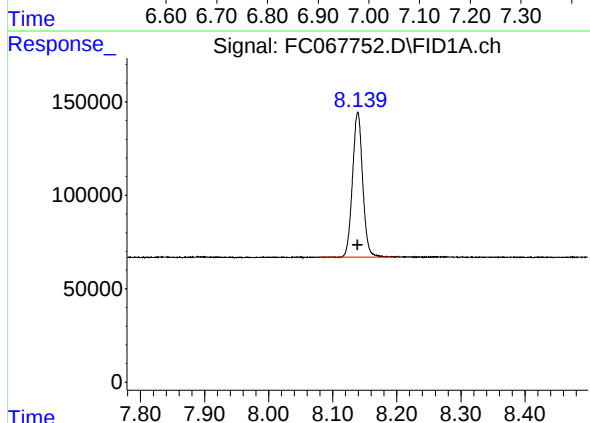
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 888961
Conc: 5.01 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

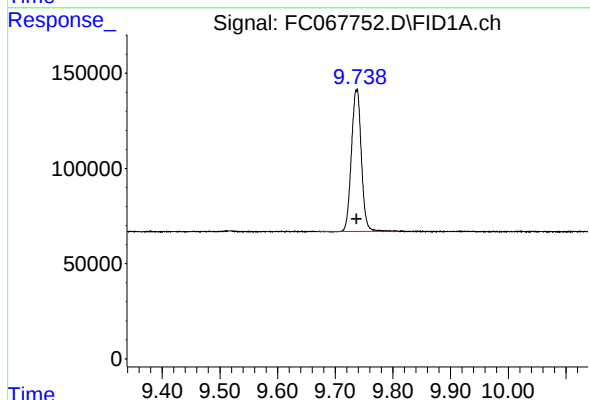
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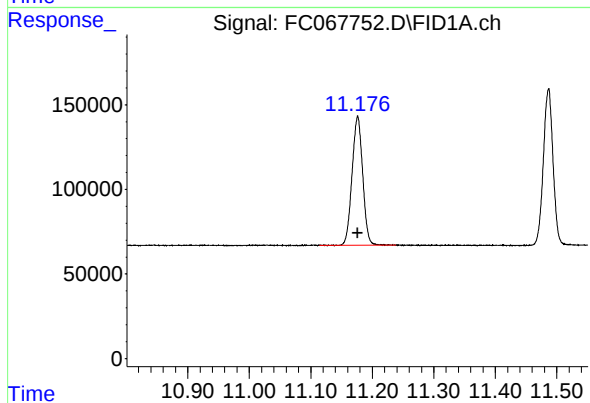
#6 n-Tetradecane (C14)

R.T.: 8.139 min
Delta R.T.: 0.000 min
Response: 856517
Conc: 5.11 ug/ml



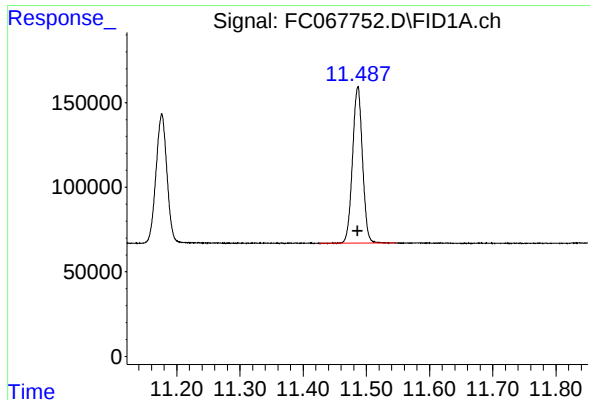
#7 n-Hexadecane (C16)

R.T.: 9.737 min
Delta R.T.: 0.000 min
Response: 887432
Conc: 5.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: 0.000 min
Response: 913982
Conc: 5.19 ug/ml



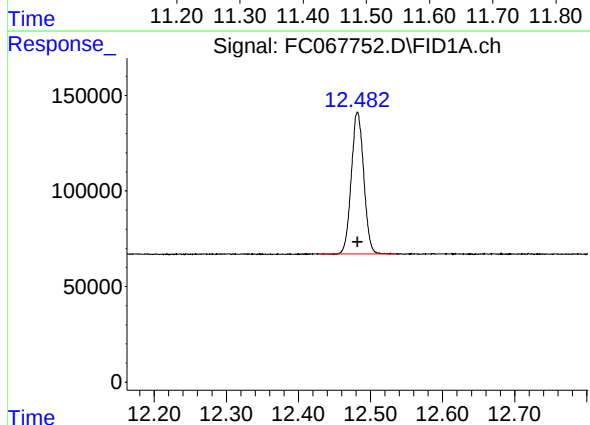
#9 ortho-Terphenyl (SURR)

R.T.: 11.486 min
Delta R.T.: 0.000 min
Response: 1011043
Conc: 5.21 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

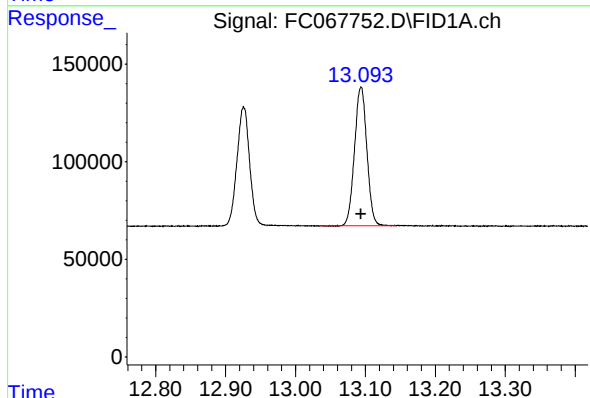
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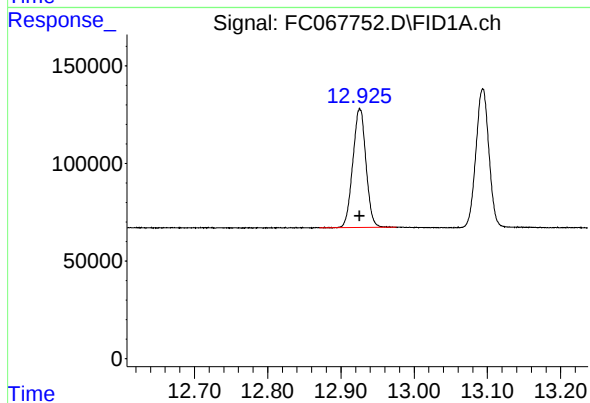
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: 0.000 min
Response: 889327
Conc: 5.28 ug/ml



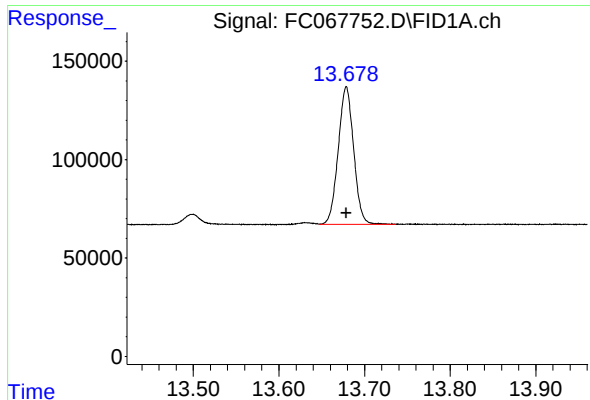
#11 n-Heneicosane (C21)

R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 873353
Conc: 5.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: 0.000 min
Response: 759794
Conc: 5.23 ug/ml



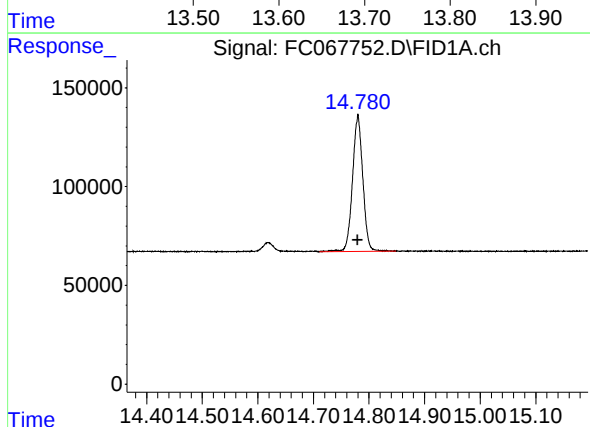
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 876194
Conc: 5.38 ug/ml

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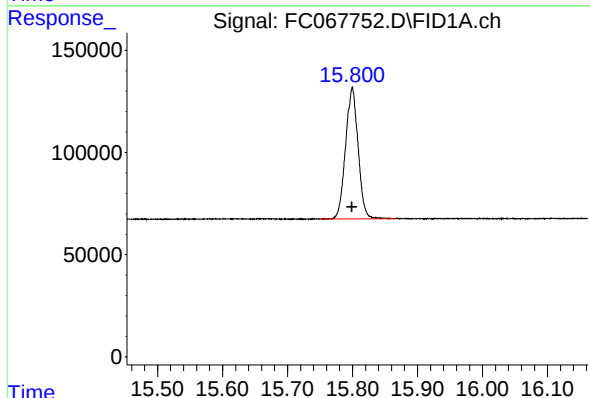
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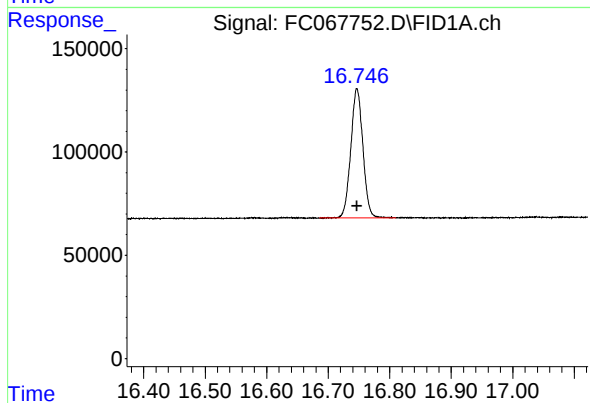
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: 0.000 min
Response: 890863
Conc: 5.55 ug/ml



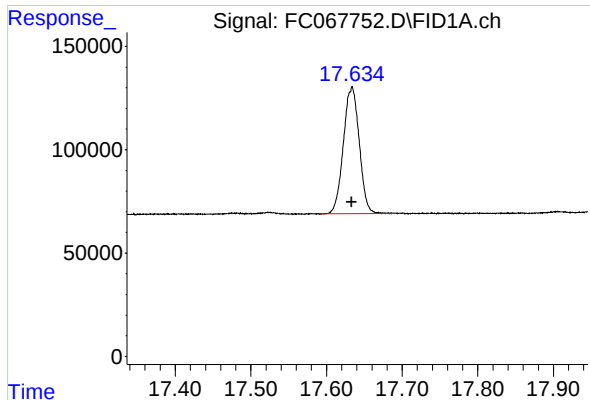
#15 n-Hexacosane (C26)

R.T.: 15.799 min
Delta R.T.: 0.000 min
Response: 863791
Conc: 5.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.747 min
Delta R.T.: 0.000 min
Response: 857935
Conc: 5.68 ug/ml



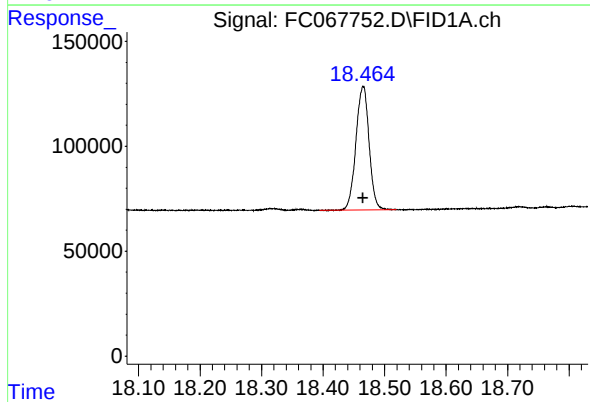
#17 n-Tricontane (C30)

R.T.: 17.633 min
Delta R.T.: 0.000 min
Response: 893915
Conc: 5.84 ug/ml

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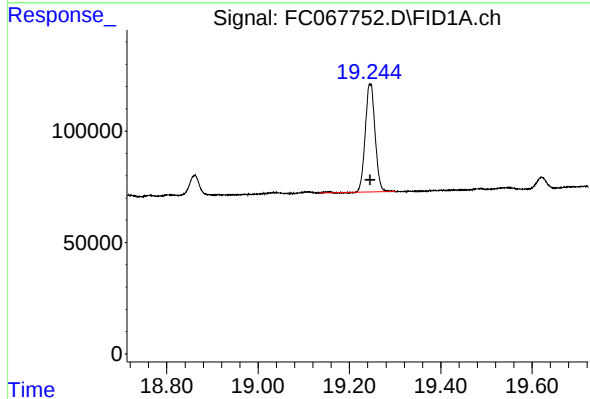
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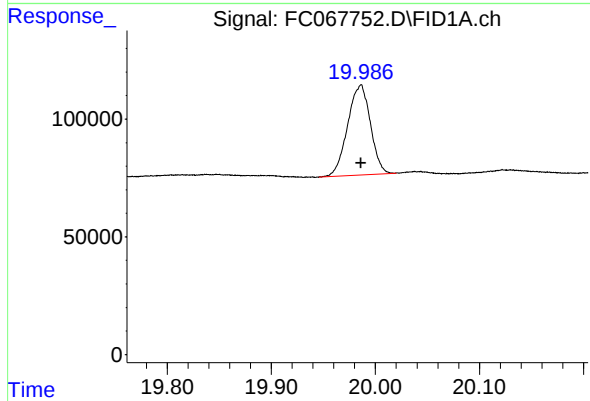
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: 0.000 min
Response: 878383
Conc: 5.95 ug/ml



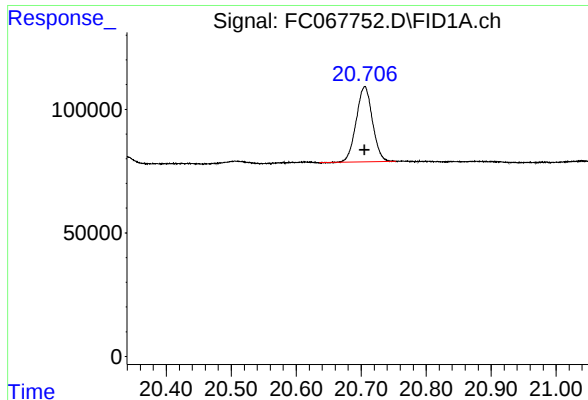
#19 n-Tetratriacontane (C34)

R.T.: 19.245 min
Delta R.T.: 0.000 min
Response: 725252
Conc: 5.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.986 min
Delta R.T.: 0.000 min
Response: 583478
Conc: 5.58 ug/ml m



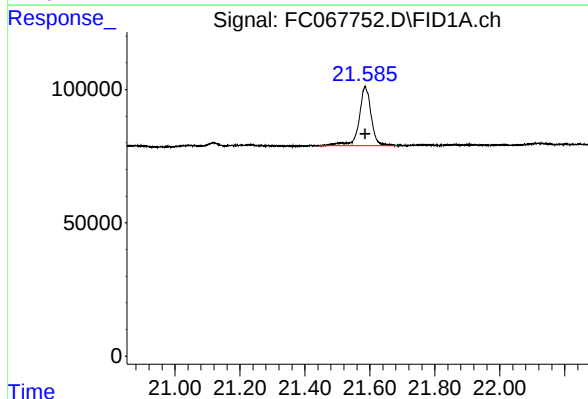
#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: 0.000 min
Response: 529758
Conc: 5.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: 0.000 min
Response: 569616
Conc: 5.84 ug/ml