

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
 Data File : FC066486.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2024 12:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/28/2024
 Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e
 Quant Time: May 28 13:05:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.562	2919202	19.206 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	13.002	2195062	19.210 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	3.313	2674066	19.107 ug/ml
2) T n-Decane (C10)	4.382	2732358	18.990 ug/ml
3) T A~Naphthalene (C11.7)	5.968	3029851	19.014 ug/ml
4) T n-Dodecane (C12)	6.404	2751059	19.105 ug/ml
5) T A~2-methylnaphthalene...	7.026	2926219	19.080 ug/ml
6) T n-Tetradecane (C14)	8.202	2699394	19.121 ug/ml
7) T n-Hexadecane (C16)	9.804	2756245	19.178 ug/ml
8) T n-Octadecane (C18)	11.248	2745823	19.187 ug/ml
10) T n-Eicosane (C20)	12.558	2612722	19.202 ug/ml
11) T n-Heneicosane (C21)	13.171	2560959	19.211 ug/ml
13) T n-Docosane (C22)	13.757	2532905	19.218 ug/ml
14) T n-Tetracosane (C24)	14.860	2500165	19.206 ug/ml
15) T n-Hexacosane (C26)	15.881	2443658	19.214 ug/ml
16) T n-Octacosane (C28)	16.832	2386492	19.223 ug/ml
17) T n-Tricontane (C30)	17.720	2421805	19.217 ug/ml
18) T n-Dotriacontane (C32)	18.553	2365060	19.216 ug/ml
19) T n-Tetratriacontane (C34)	19.337	2303500	19.208 ug/ml
20) T n-Hexatriacontane (C36)	20.078	2238763	18.478 ug/ml
21) T n-Octatriacontane (C38)	20.815	2176610	18.816 ug/mlm
22) T n-Tetracontane (C40)	21.728	2261147	18.459 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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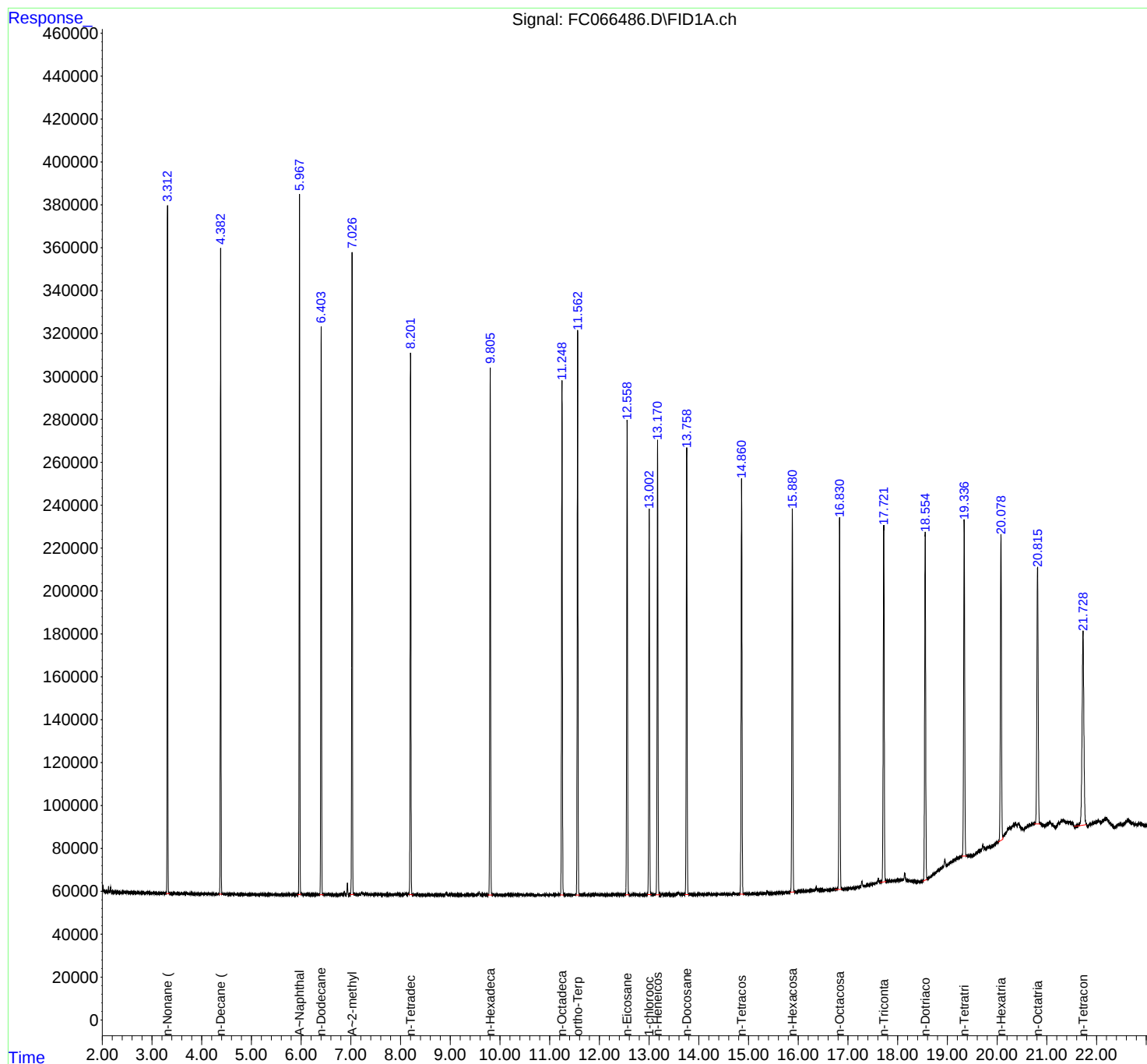
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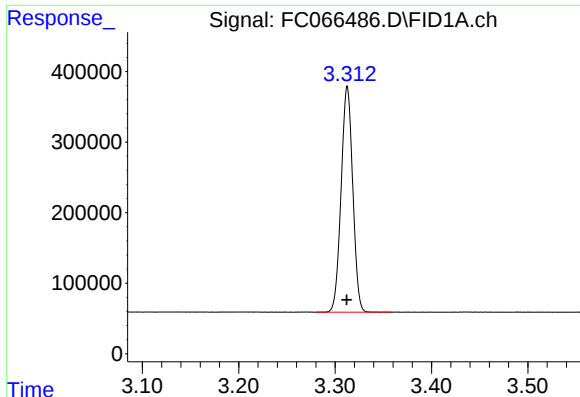
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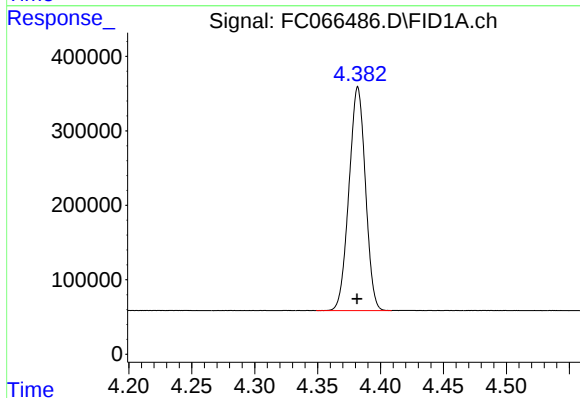
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2674066
Conc: 19.11 ug/ml

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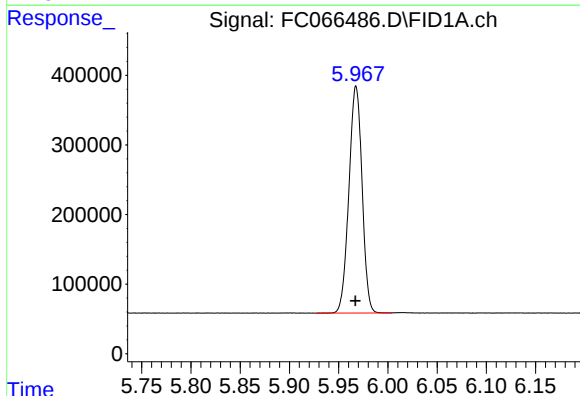
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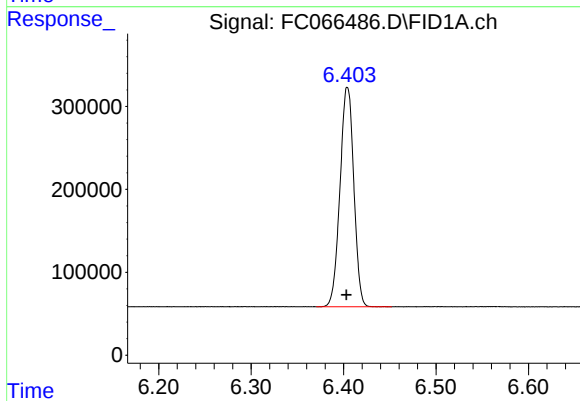
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 2732358
Conc: 18.99 ug/ml



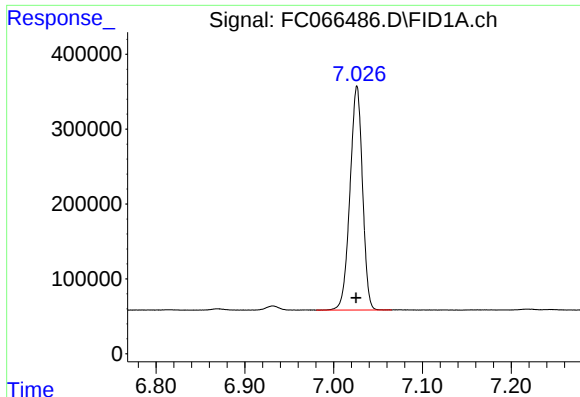
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 3029851
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 2751059
Conc: 19.11 ug/ml



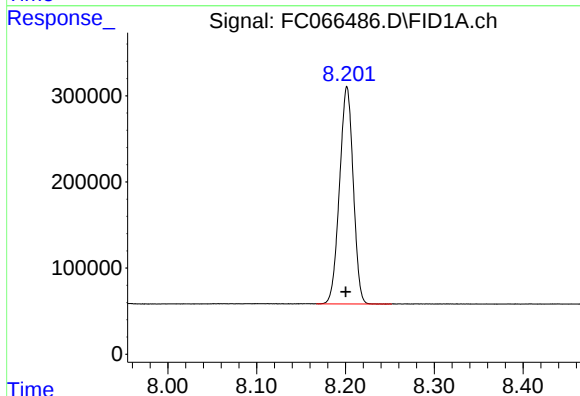
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2926219
Conc: 19.08 ug/ml

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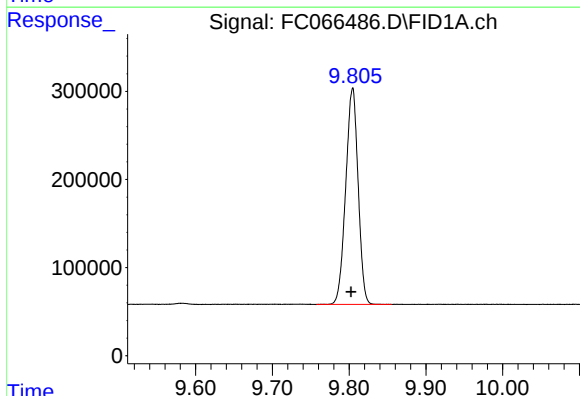
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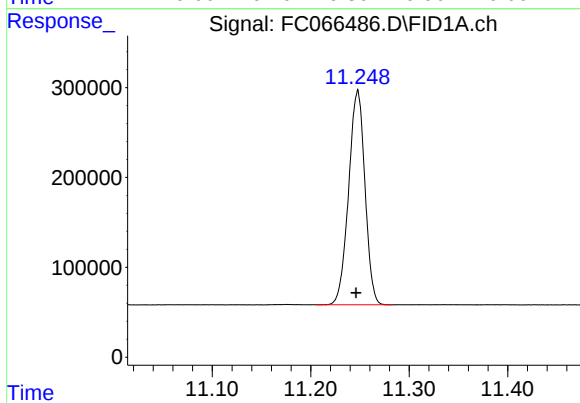
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.001 min
Response: 2699394
Conc: 19.12 ug/ml



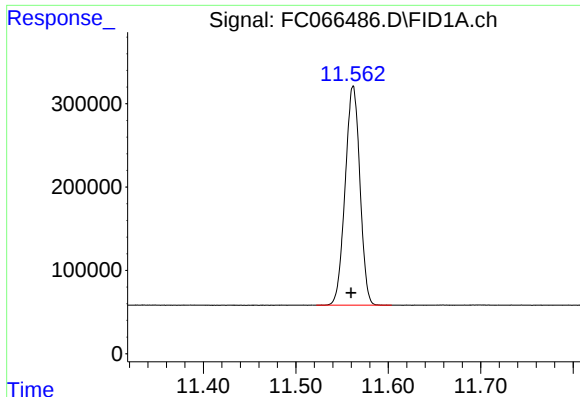
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.002 min
Response: 2756245
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: 0.002 min
Response: 2745823
Conc: 19.19 ug/ml



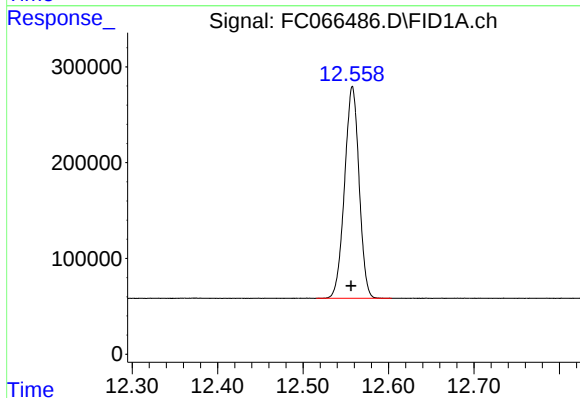
#9 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: 0.002 min
Response: 2919202
Conc: 19.21 ug/ml

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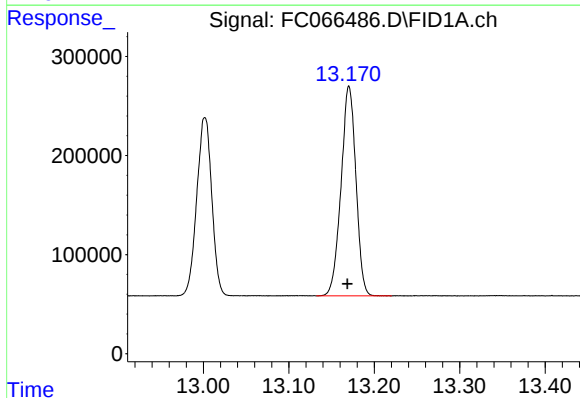
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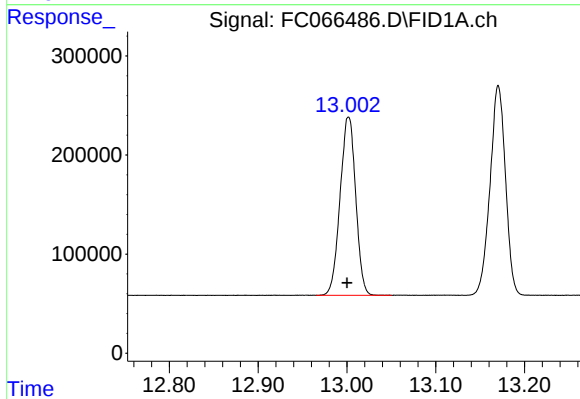
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.002 min
Response: 2612722
Conc: 19.20 ug/ml



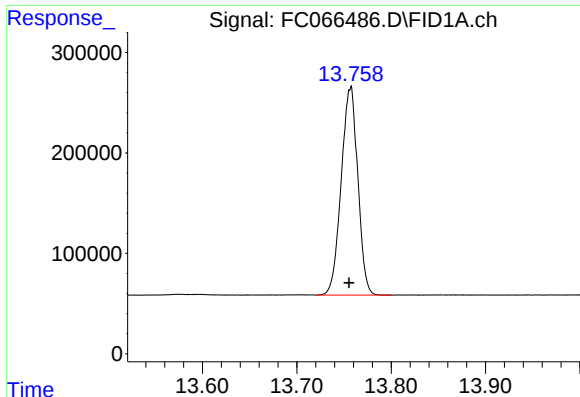
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: 0.002 min
Response: 2560959
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: 0.002 min
Response: 2195062
Conc: 19.21 ug/ml



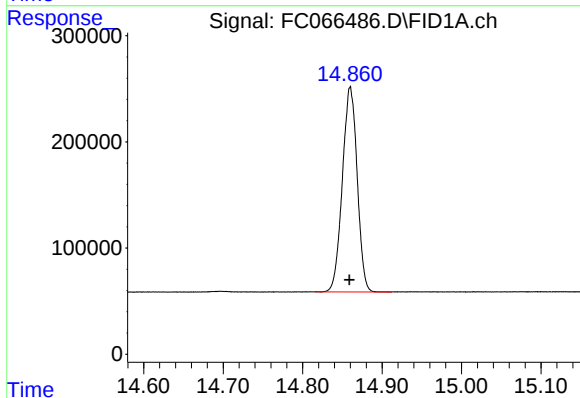
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: 0.000 min
Response: 2532905
Conc: 19.22 ug/ml

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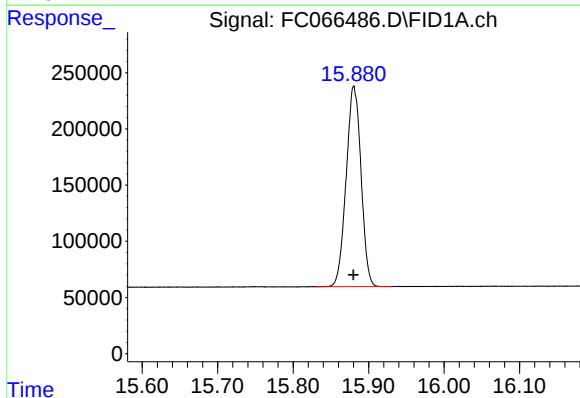
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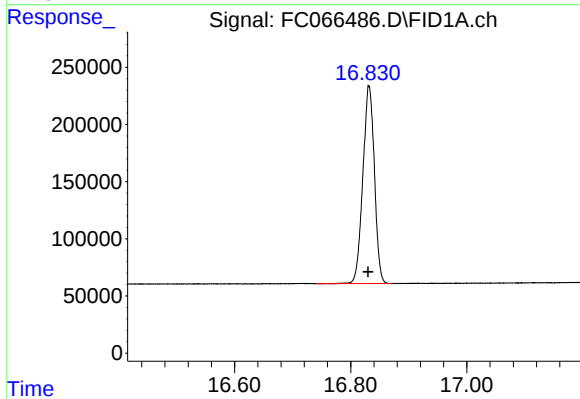
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.001 min
Response: 2500165
Conc: 19.21 ug/ml



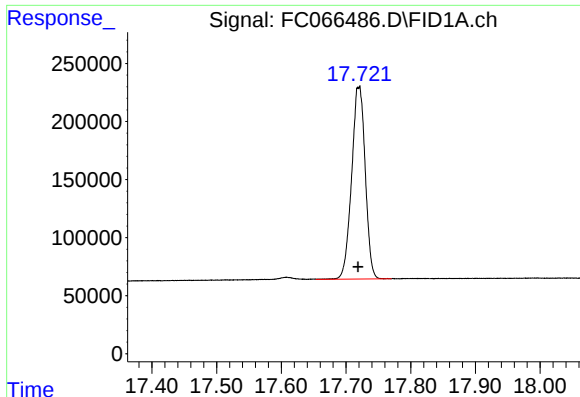
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 2443658
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.002 min
Response: 2386492
Conc: 19.22 ug/ml



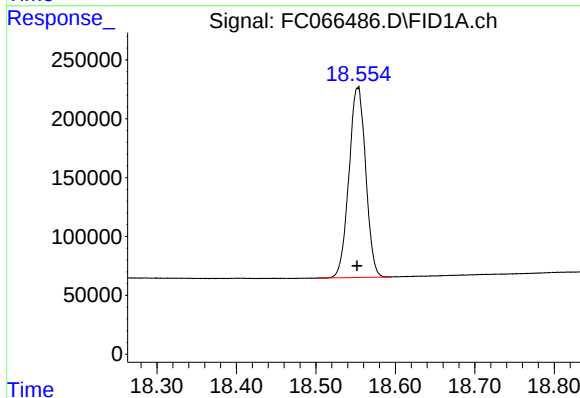
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: 0.001 min
Response: 2421805
Conc: 19.22 ug/ml

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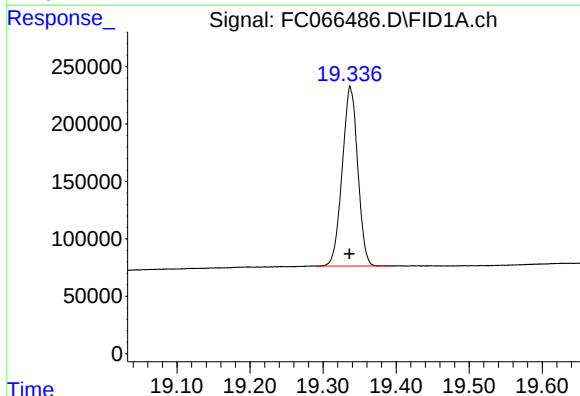
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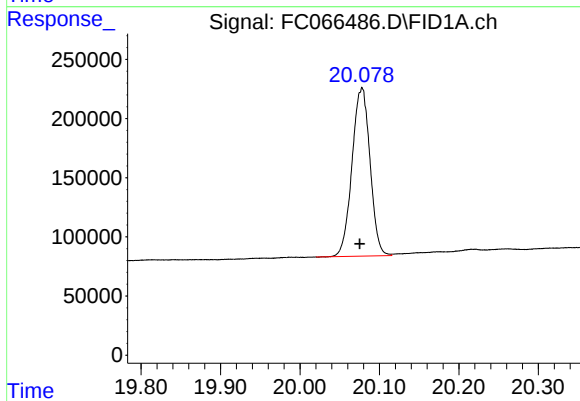
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: 0.000 min
Response: 2365060
Conc: 19.22 ug/ml



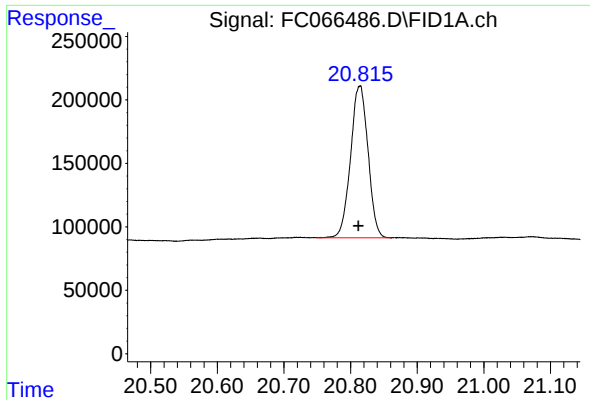
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.002 min
Response: 2303500
Conc: 19.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.078 min
Delta R.T.: 0.002 min
Response: 2238763
Conc: 18.48 ug/ml



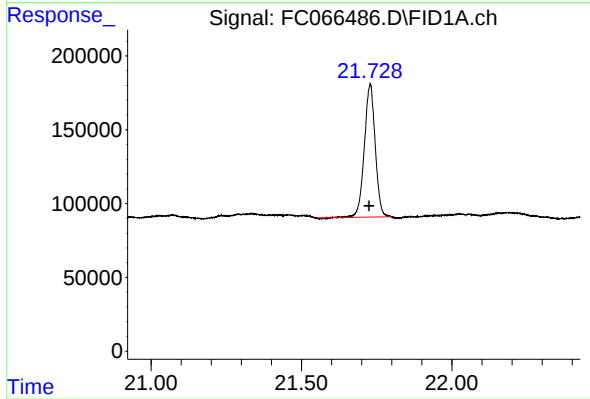
#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.004 min
Response: 2176610
Conc: 18.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: 0.004 min
Response: 2261147
Conc: 18.46 ug/ml