

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070224AL\
 Data File : FC066728.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2024 01:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :Ankita Jodhani 07/08/2024

Integration File: autoint1.e
 Quant Time: Jul 03 09:38:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.524	3155571	18.295 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
12) S 1-chlorooctadecane (S...	12.962	2406029	17.438 ug/ml
Spiked Amount 50.000		Recovery =	34.88%
Target Compounds			
1) T n-Nonane (C9)	3.288	2792099	19.217 ug/ml
2) T n-Decane (C10)	4.355	2940364	19.713 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3181475	19.595 ug/ml
4) T n-Dodecane (C12)	6.374	2974269	19.625 ug/ml
5) T A~2-methylnaphthalene...	6.993	3082255	19.401 ug/ml
6) T n-Tetradecane (C14)	8.168	2964554	19.544 ug/ml
7) T n-Hexadecane (C16)	9.769	3090482	19.293 ug/ml
8) T n-Octadecane (C18)	11.210	3118289	18.793 ug/ml
10) T n-Eicosane (C20)	12.519	2955800	18.182 ug/ml
11) T n-Heneicosane (C21)	13.131	2871509	17.822 ug/ml
13) T n-Docosane (C22)	13.716	2849957	17.776 ug/ml
14) T n-Tetracosane (C24)	14.819	2830127	17.832 ug/ml
15) T n-Hexacosane (C26)	15.839	2758271	18.064 ug/ml
16) T n-Octacosane (C28)	16.788	2778850	19.264 ug/ml
17) T n-Tricontane (C30)	17.674	2987037	21.380 ug/ml
18) T n-Dotriacontane (C32)	18.506	3007416	22.788 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2799494	22.636 ug/ml
20) T n-Hexatriacontane (C36)	20.029	2571244	21.335 ug/mlm
21) T n-Octatriacontane (C38)	20.757	2427133	21.226 ug/ml
22) T n-Tetracontane (C40)	21.653	2289410	20.385 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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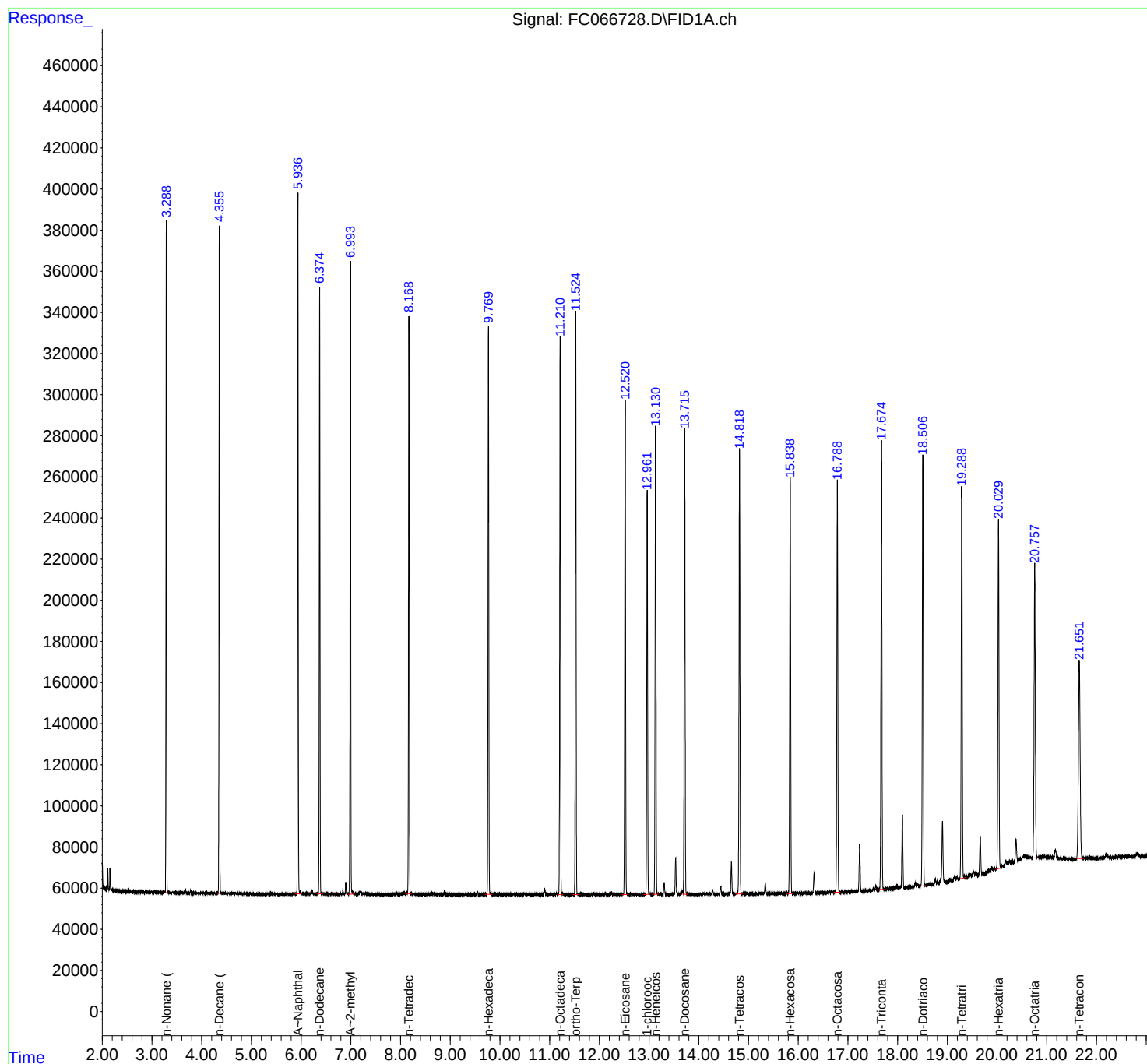
Instrument :
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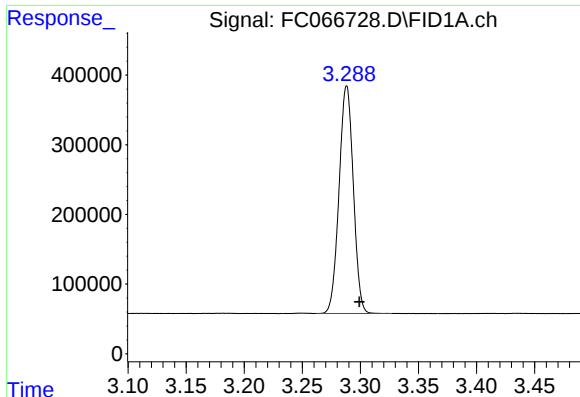
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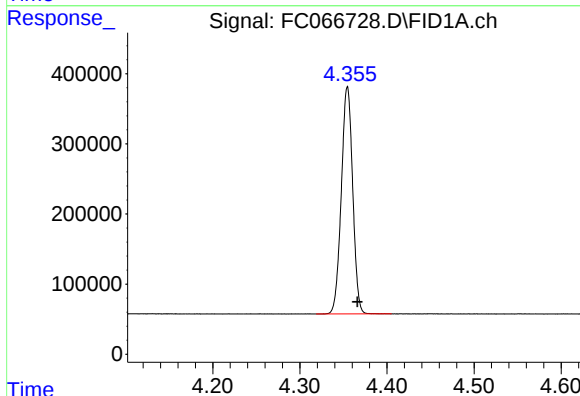
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.011 min
Response: 2792099
Conc: 19.22 ug/ml

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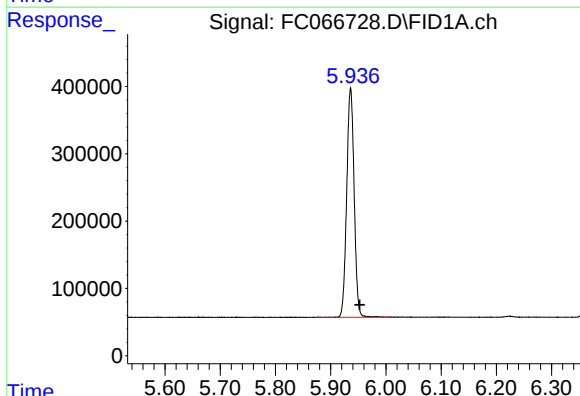
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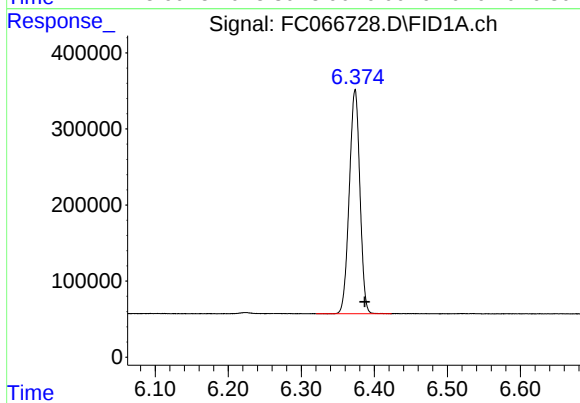
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.011 min
Response: 2940364
Conc: 19.71 ug/ml



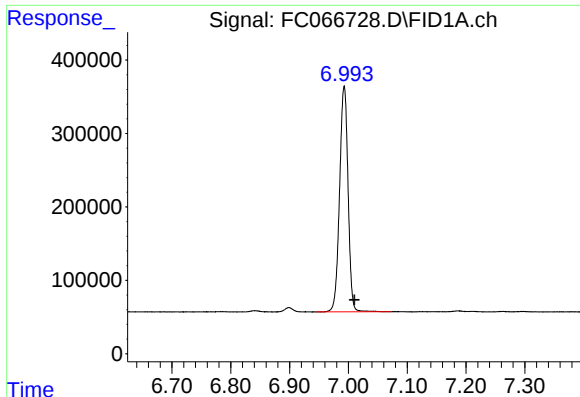
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.016 min
Response: 3181475
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.013 min
Response: 2974269
Conc: 19.62 ug/ml



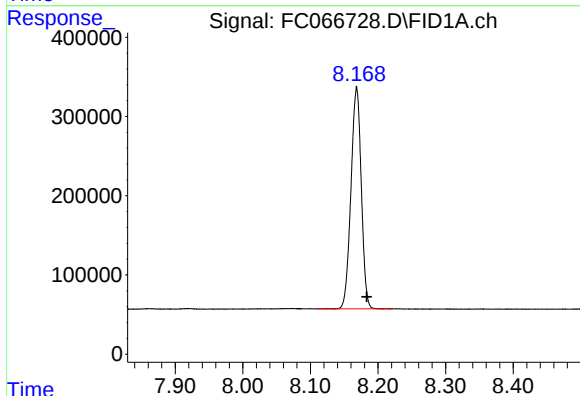
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: -0.017 min
Response: 3082255
Conc: 19.40 ug/ml

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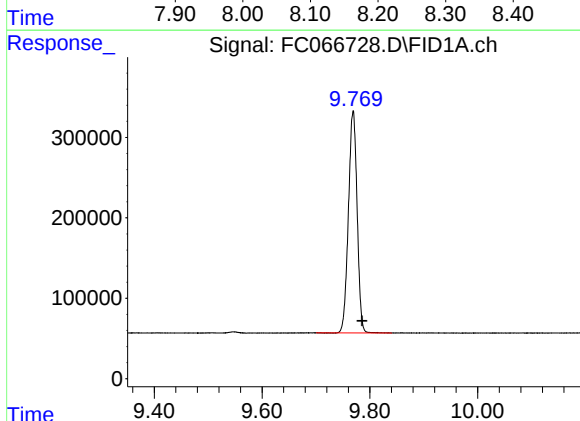
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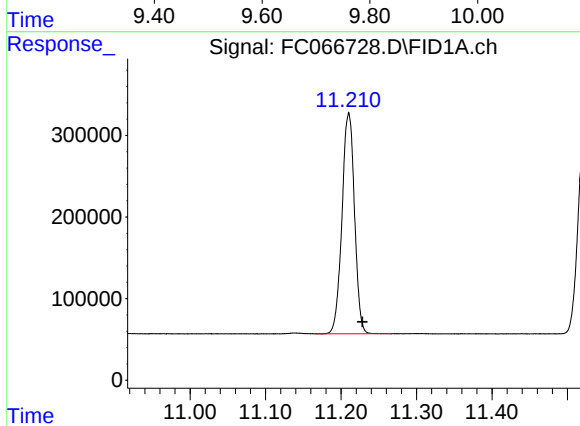
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.015 min
Response: 2964554
Conc: 19.54 ug/ml



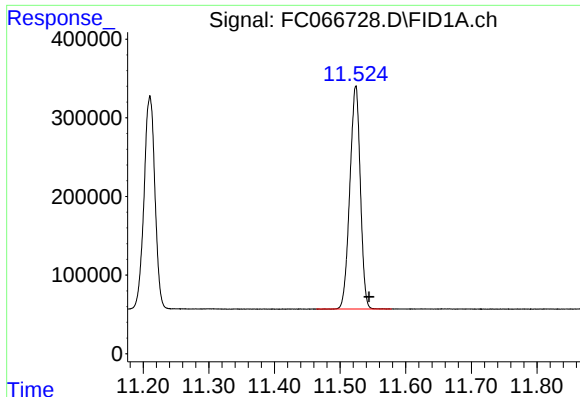
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.017 min
Response: 3090482
Conc: 19.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.018 min
Response: 3118289
Conc: 18.79 ug/ml



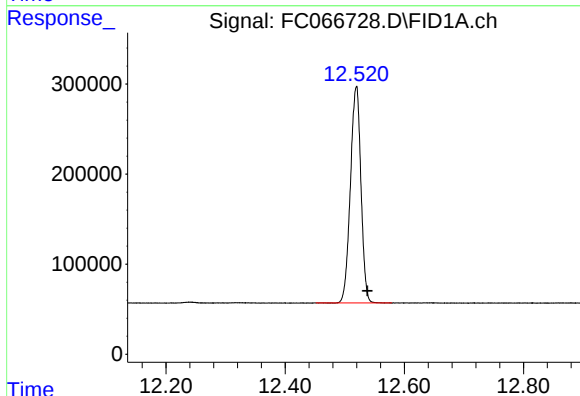
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.021 min
Response: 3155571
Conc: 18.29 ug/ml

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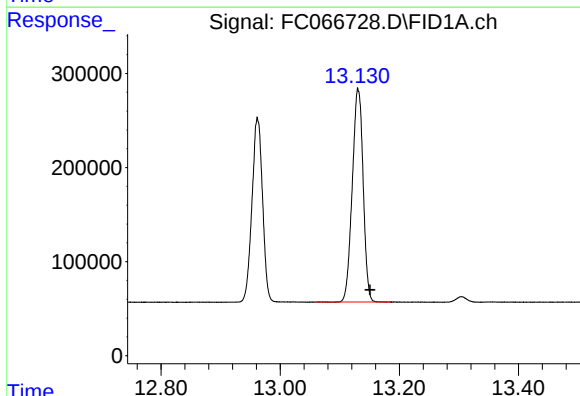
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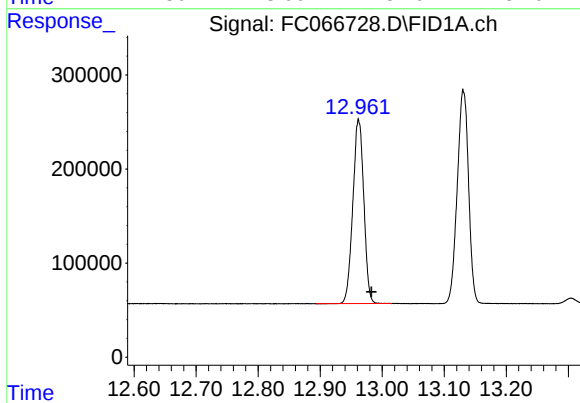
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.019 min
Response: 2955800
Conc: 18.18 ug/ml



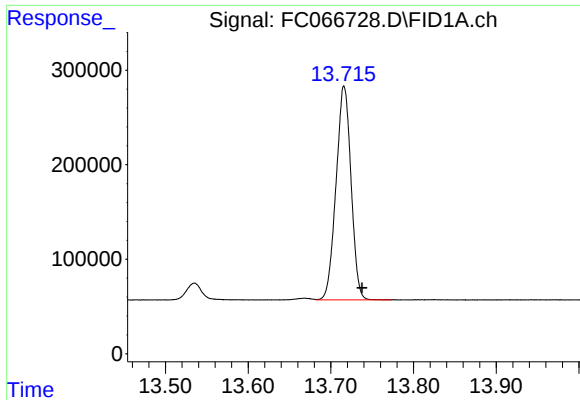
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.020 min
Response: 2871509
Conc: 17.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.962 min
Delta R.T.: -0.021 min
Response: 2406029
Conc: 17.44 ug/ml



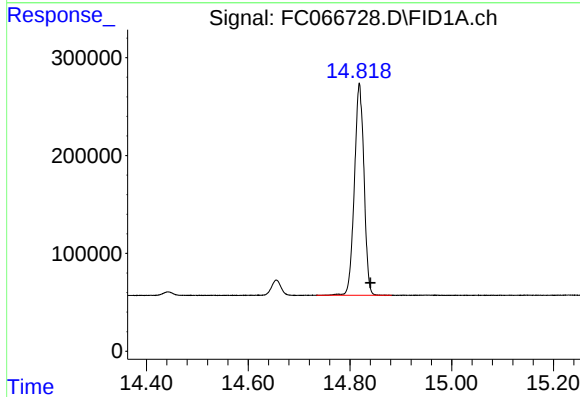
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.022 min
Response: 2849957
Conc: 17.78 ug/ml

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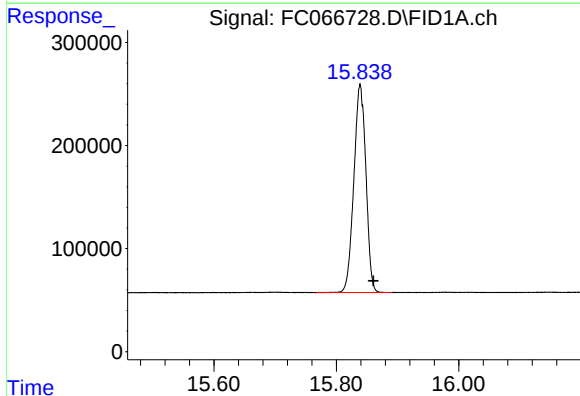
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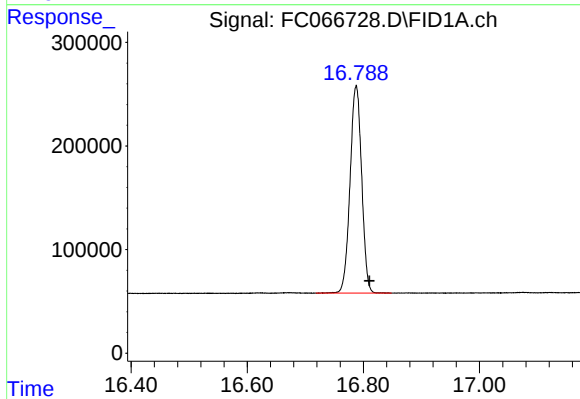
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.022 min
Response: 2830127
Conc: 17.83 ug/ml



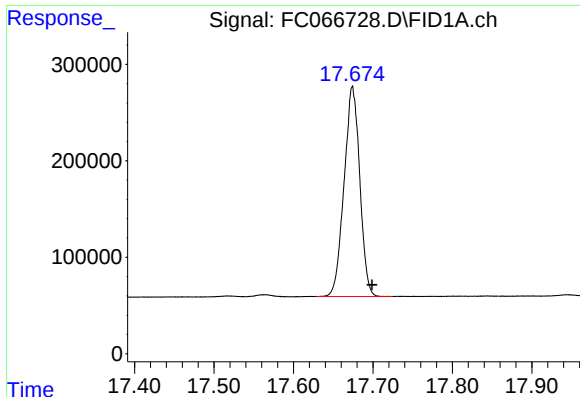
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: -0.022 min
Response: 2758271
Conc: 18.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: -0.023 min
Response: 2778850
Conc: 19.26 ug/ml



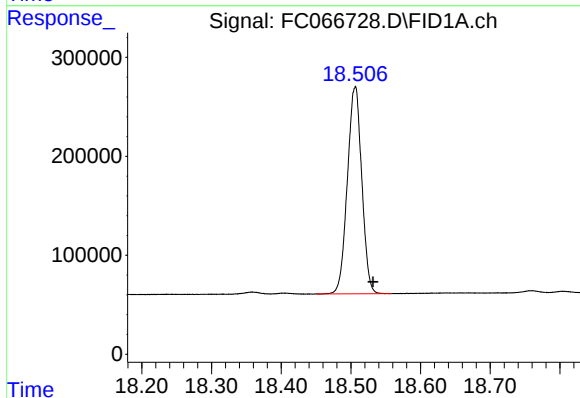
#17 n-Tricontane (C30)

R.T.: 17.674 min
Delta R.T.: -0.025 min
Response: 2987037
Conc: 21.38 ug/ml

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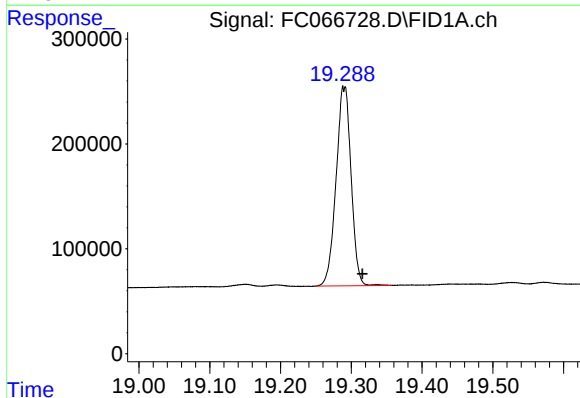
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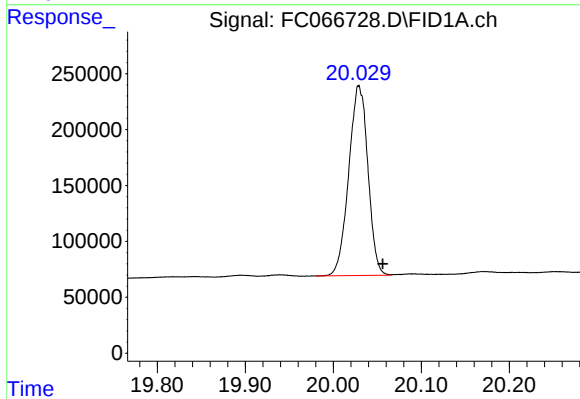
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: -0.026 min
Response: 3007416
Conc: 22.79 ug/ml



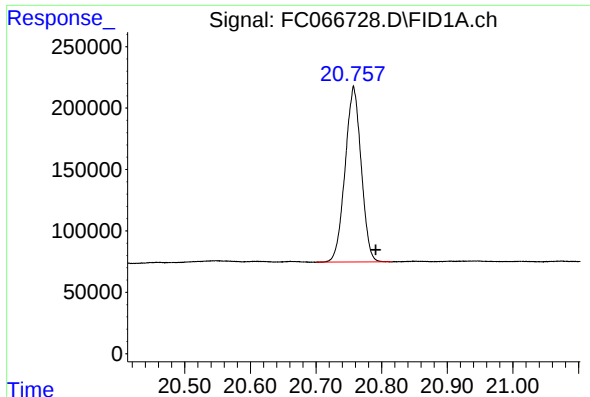
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: -0.026 min
Response: 2799494
Conc: 22.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.029 min
Delta R.T.: -0.027 min
Response: 2571244
Conc: 21.33 ug/ml m



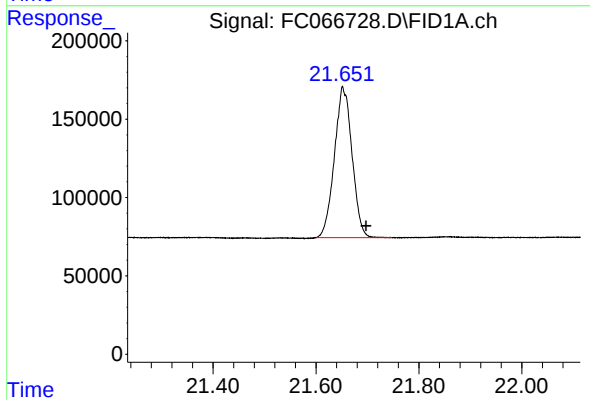
#21 n-Octatriacontane (C38)

R.T.: 20.757 min
Delta R.T.: -0.034 min
Response: 2427133
Conc: 21.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.653 min
Delta R.T.: -0.045 min
Response: 2289410
Conc: 20.38 ug/ml