

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031924AL\
 Data File : FC066052.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2024 01:44
 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 03/20/2024
 Supervised By :Ankita Jodhani 03/20/2024

Integration File: autoint1.e
 Quant Time: Mar 20 03:16:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.474	3854539	19.723 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	12.902	2869942	19.686 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T n-Nonane (C9)	3.278	3364097	20.136 ug/ml
2) T n-Decane (C10)	4.338	3464078	19.973 ug/ml
3) T A~Naphthalene (C11.7)	5.928	3677763	20.494 ug/ml
4) T n-Dodecane (C12)	6.348	3523723	19.996 ug/ml
5) T A~2-methylnaphthalene...	6.985	3389199	19.897 ug/ml
6) T n-Tetradecane (C14)	8.135	3343648	19.228 ug/ml
7) T n-Hexadecane (C16)	9.727	3431272	19.207 ug/ml
8) T n-Octadecane (C18)	11.159	3499509	19.253 ug/ml
10) T n-Eicosane (C20)	12.458	3380094	19.357 ug/ml
11) T n-Heneicosane (C21)	13.065	3394387	19.578 ug/ml
13) T n-Docosane (C22)	13.648	3464347	20.143 ug/ml
14) T n-Tetracosane (C24)	14.743	3554016	20.808 ug/ml
15) T n-Hexacosane (C26)	15.756	3598022	21.367 ug/ml
16) T n-Octacosane (C28)	16.699	3695918	22.230 ug/ml
17) T n-Tricontane (C30)	17.580	3911878	22.911 ug/ml
18) T n-Dotriacontane (C32)	18.404	3889525	23.073 ug/mlm
19) T n-Tetratriacontane (C34)	19.184	3703100	22.594 ug/ml
20) T n-Hexatriacontane (C36)	19.919	3479906	21.887 ug/mlm
21) T n-Octatriacontane (C38)	20.628	3348739	21.379 ug/ml
22) T n-Tetracontane (C40)	21.484	3330118	21.058 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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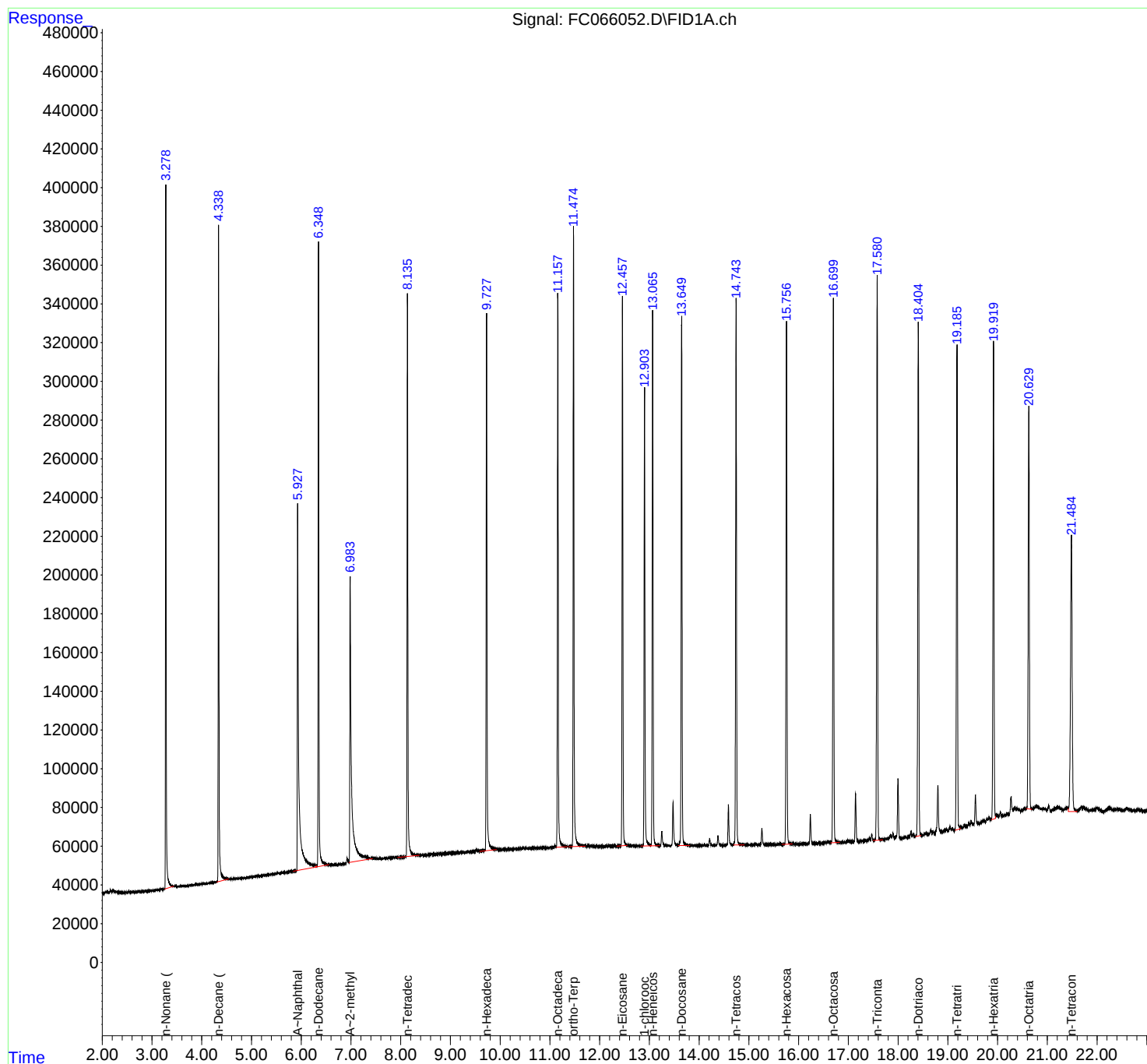
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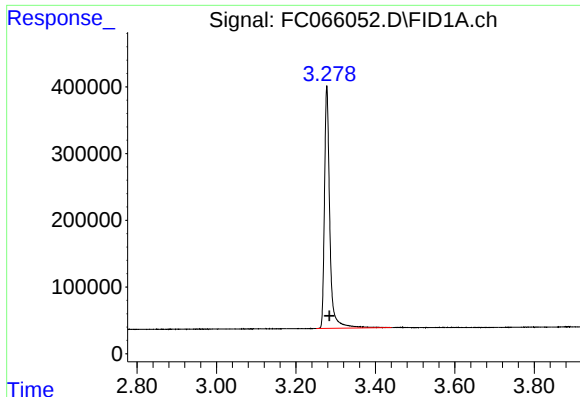
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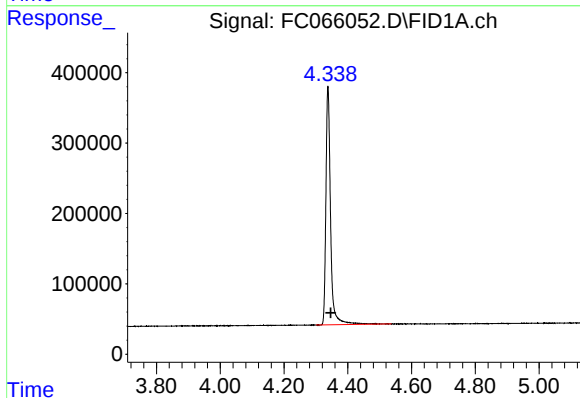
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.006 min
Response: 3364097
Conc: 20.14 ug/ml

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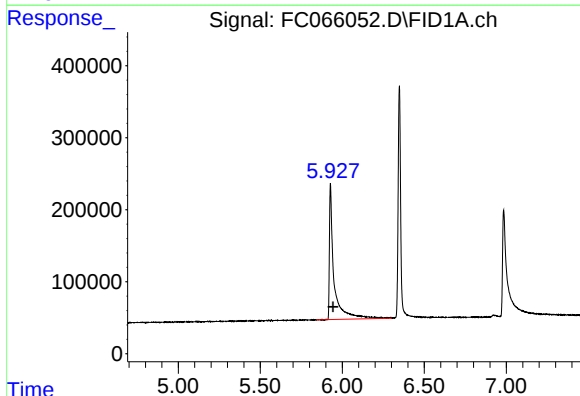
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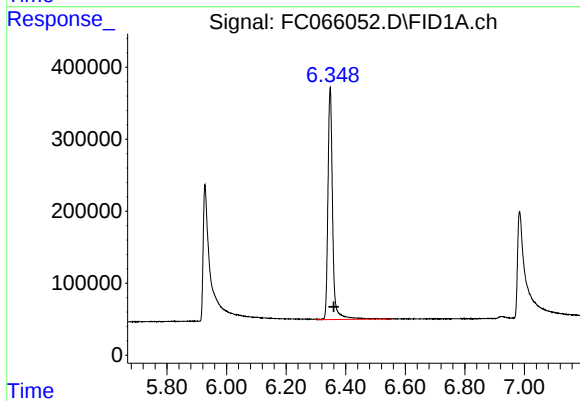
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: -0.008 min
Response: 3464078
Conc: 19.97 ug/ml



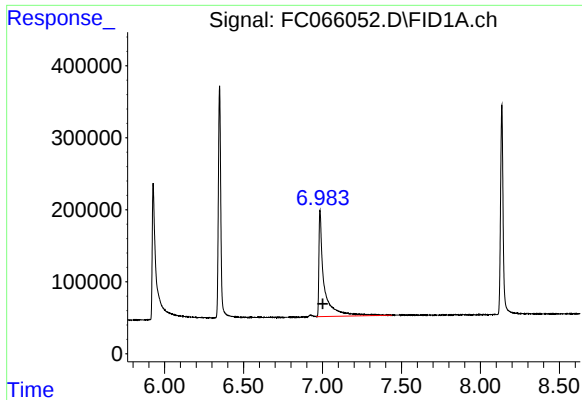
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.017 min
Response: 3677763
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: -0.012 min
Response: 3523723
Conc: 20.00 ug/ml



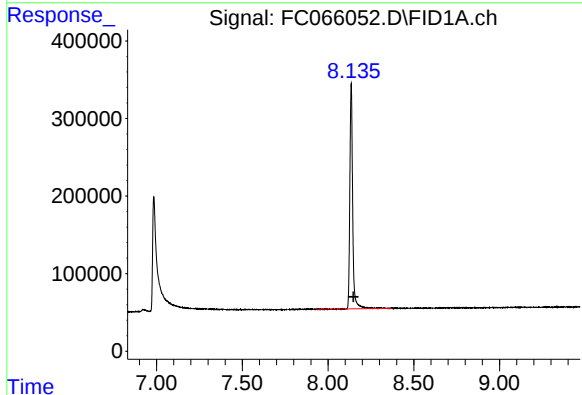
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.018 min
Response: 3389199
Conc: 19.90 ug/ml

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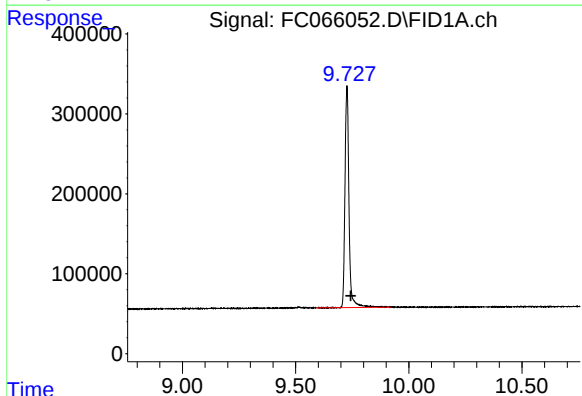
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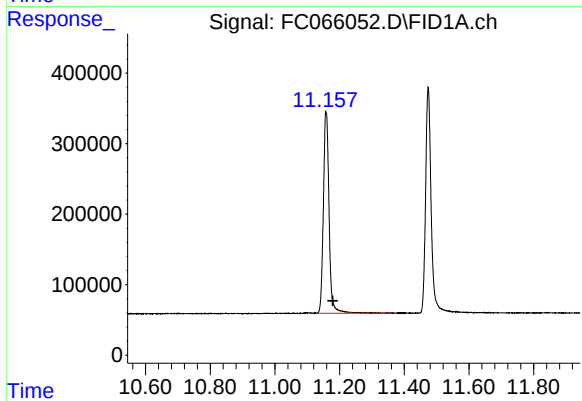
#6 n-Tetradecane (C14)

R.T.: 8.135 min
Delta R.T.: -0.014 min
Response: 3343648
Conc: 19.23 ug/ml



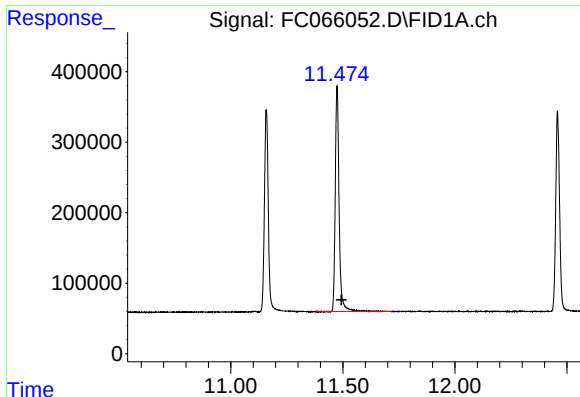
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: -0.017 min
Response: 3431272
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.159 min
Delta R.T.: -0.020 min
Response: 3499509
Conc: 19.25 ug/ml



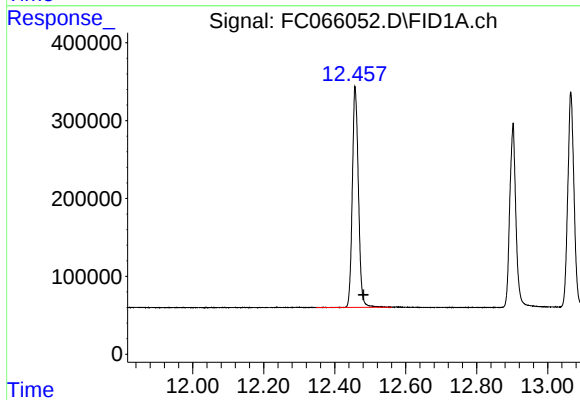
#9 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: -0.019 min
Response: 3854539
Conc: 19.72 ug/ml

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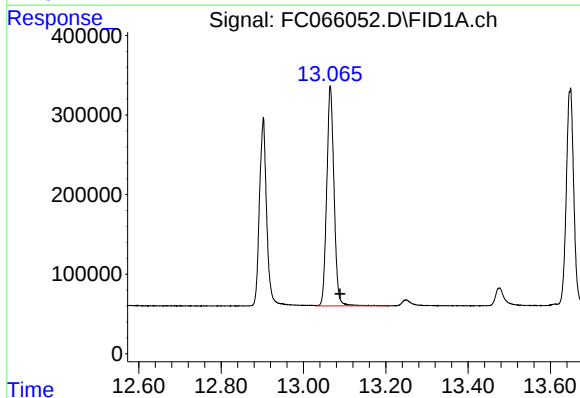
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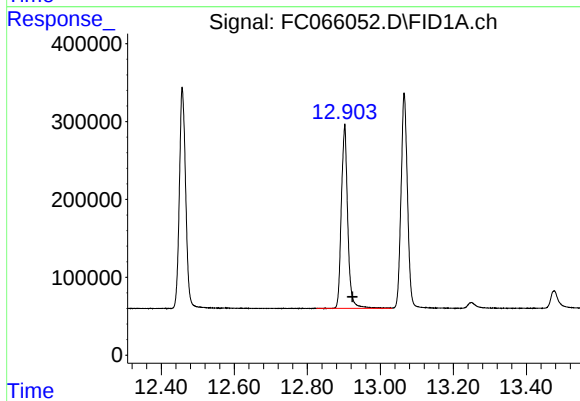
#10 n-Eicosane (C20)

R.T.: 12.458 min
Delta R.T.: -0.023 min
Response: 3380094
Conc: 19.36 ug/ml



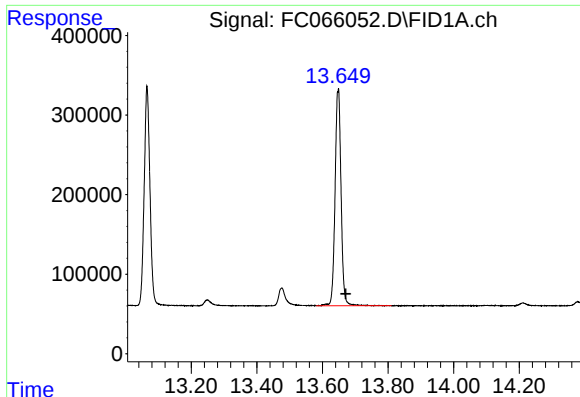
#11 n-Heneicosane (C21)

R.T.: 13.065 min
Delta R.T.: -0.023 min
Response: 3394387
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min
Delta R.T.: -0.022 min
Response: 2869942
Conc: 19.69 ug/ml



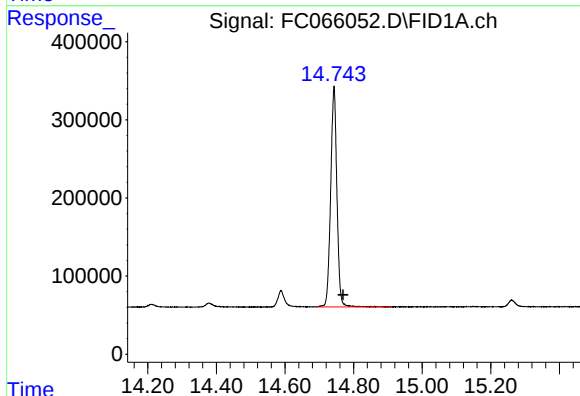
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.024 min
Response: 3464347
Conc: 20.14 ug/ml

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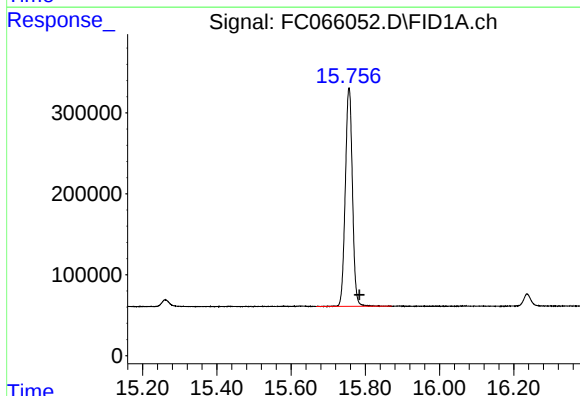
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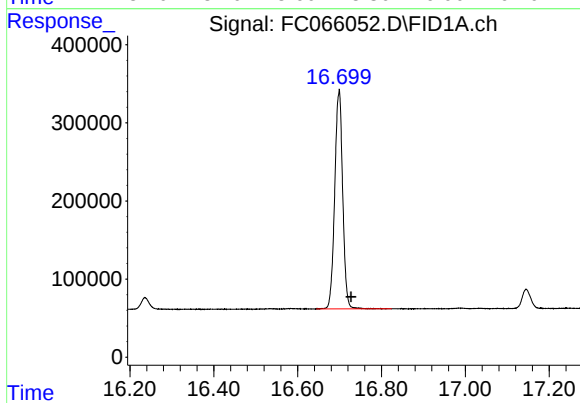
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: -0.026 min
Response: 3554016
Conc: 20.81 ug/ml



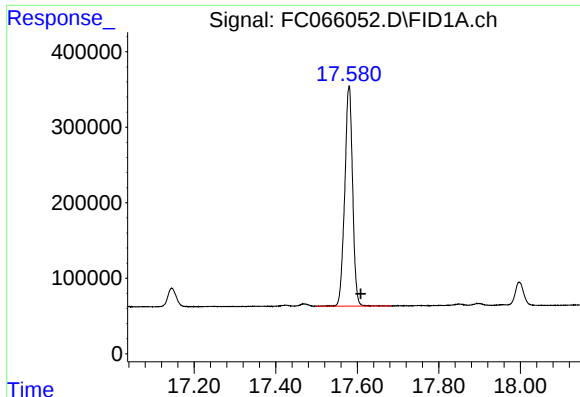
#15 n-Hexacosane (C26)

R.T.: 15.756 min
Delta R.T.: -0.028 min
Response: 3598022
Conc: 21.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: -0.029 min
Response: 3695918
Conc: 22.23 ug/ml



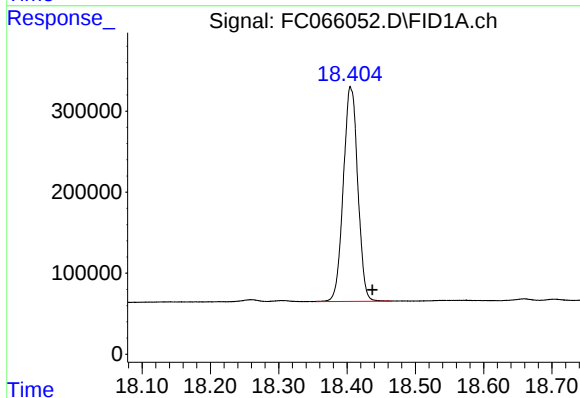
#17 n-Tricontane (C30)

R.T.: 17.580 min
Delta R.T.: -0.029 min
Response: 3911878
Conc: 22.91 ug/ml

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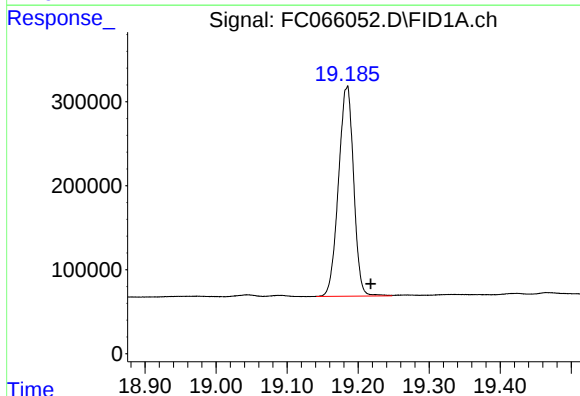
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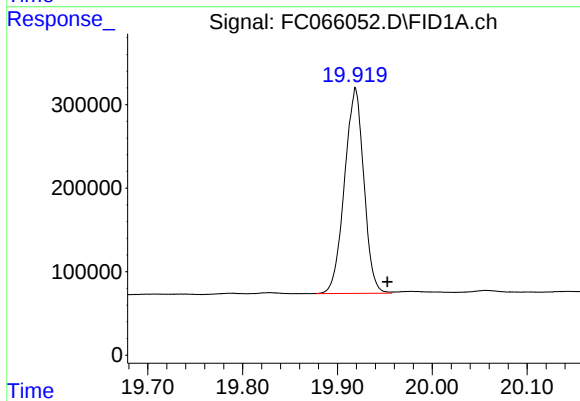
#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: -0.033 min
Response: 3889525
Conc: 23.07 ug/ml m



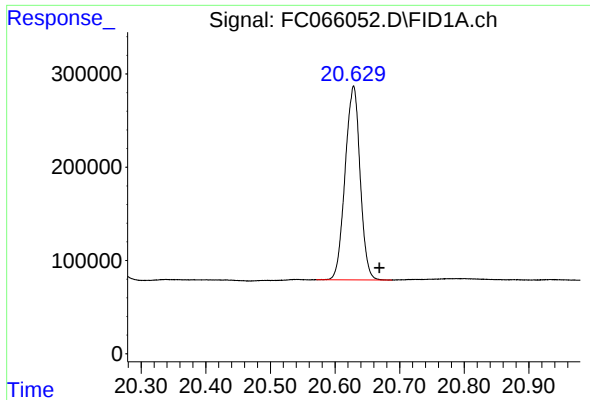
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min
Delta R.T.: -0.034 min
Response: 3703100
Conc: 22.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.919 min
Delta R.T.: -0.034 min
Response: 3479906
Conc: 21.89 ug/ml m



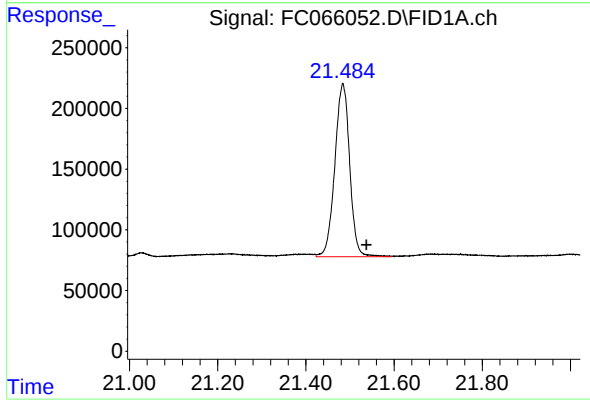
#21 n-Octatriacontane (C38)

R.T.: 20.628 min
Delta R.T.: -0.040 min
Response: 3348739
Conc: 21.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.484 min
Delta R.T.: -0.053 min
Response: 3330118
Conc: 21.06 ug/ml