

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066087.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2024 23:56
 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 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 01:17:53 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)	11.471	3673161	18.795 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	12.897	2721567	18.668 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
Target Compounds			
1) T n-Nonane (C9)	3.276	3103103	18.573 ug/ml
2) T n-Decane (C10)	4.336	3257743	18.784 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3493431	19.467 ug/ml
4) T n-Dodecane (C12)	6.345	3369921	19.123 ug/ml
5) T A~2-methylnaphthalene...	6.978	3178859	18.662 ug/ml
6) T n-Tetradecane (C14)	8.132	3155379	18.145 ug/ml
7) T n-Hexadecane (C16)	9.723	3271183	18.311 ug/ml
8) T n-Octadecane (C18)	11.155	3312324	18.223 ug/ml
10) T n-Eicosane (C20)	12.455	3223796	18.462 ug/ml
11) T n-Heneicosane (C21)	13.062	3216060	18.549 ug/ml
13) T n-Docosane (C22)	13.645	3255317	18.928 ug/ml
14) T n-Tetracosane (C24)	14.739	3377703	19.776 ug/ml
15) T n-Hexacosane (C26)	15.752	3413963	20.274 ug/ml
16) T n-Octacosane (C28)	16.695	3499710	21.050 ug/ml
17) T n-Tricontane (C30)	17.575	3686026	21.588 ug/ml
18) T n-Dotriacontane (C32)	18.401	3653154	21.671 ug/mlm
19) T n-Tetratriacontane (C34)	19.180	3414160	20.831 ug/ml
20) T n-Hexatriacontane (C36)	19.915	3202016	20.139 ug/mlm
21) T n-Octatriacontane (C38)	20.623	3102664	19.808 ug/ml
22) T n-Tetracontane (C40)	21.476	3051322	19.295 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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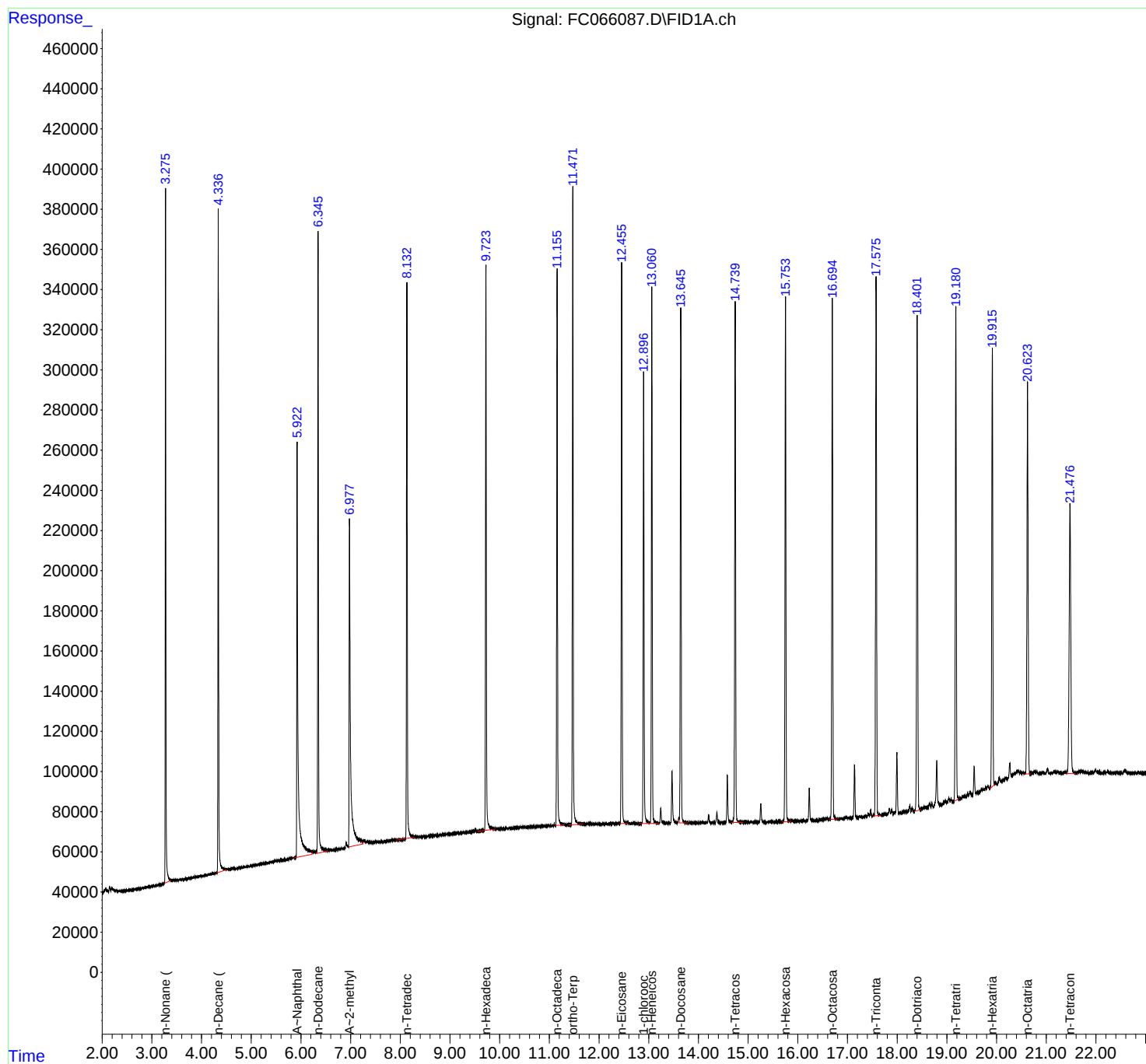
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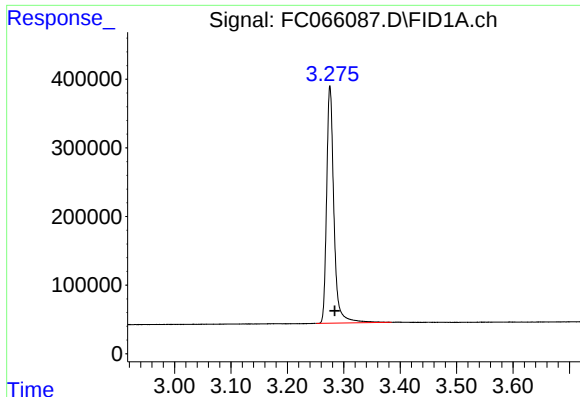
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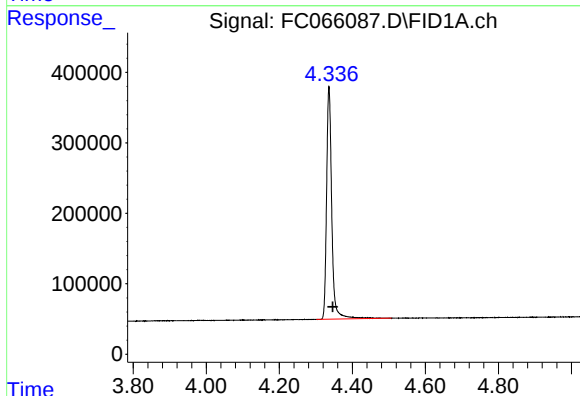
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.008 min
Response: 3103103
Conc: 18.57 ug/ml

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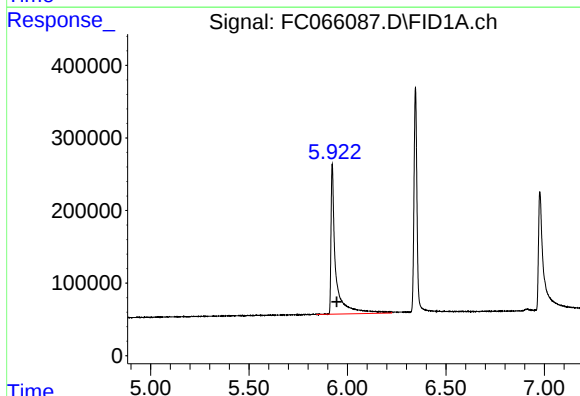
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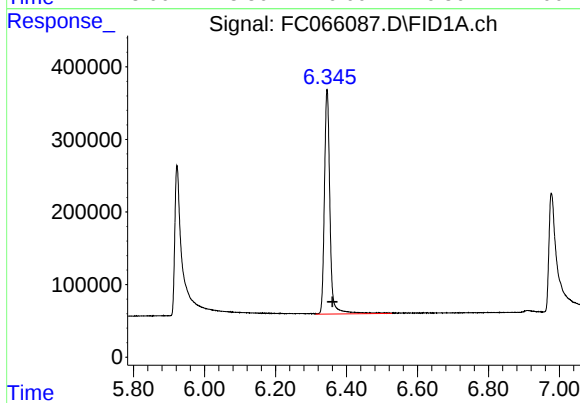
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 3257743
Conc: 18.78 ug/ml



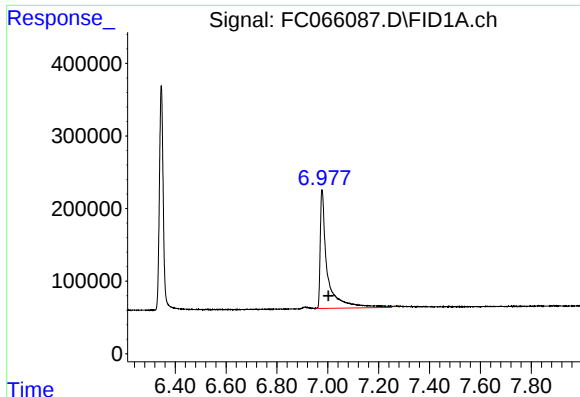
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3493431
Conc: 19.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.345 min
Delta R.T.: -0.015 min
Response: 3369921
Conc: 19.12 ug/ml



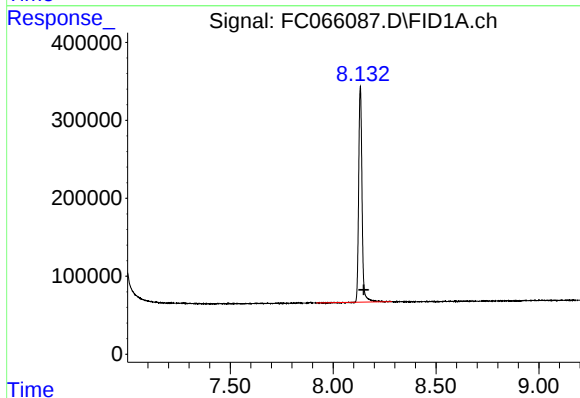
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.024 min
Response: 3178859
Conc: 18.66 ug/ml

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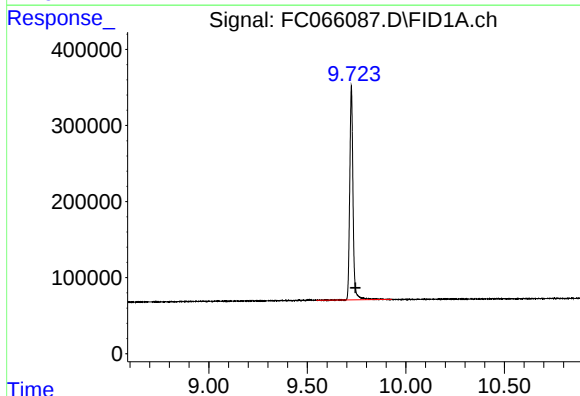
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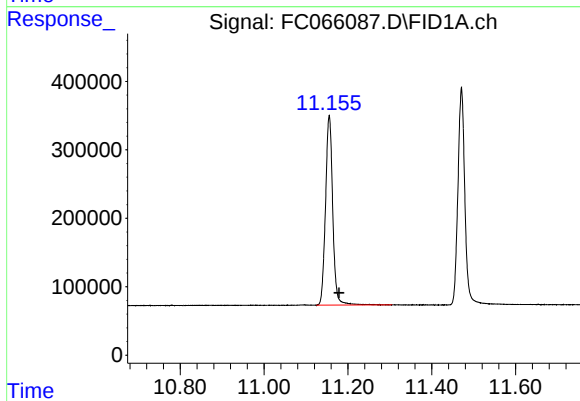
#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.017 min
Response: 3155379
Conc: 18.15 ug/ml



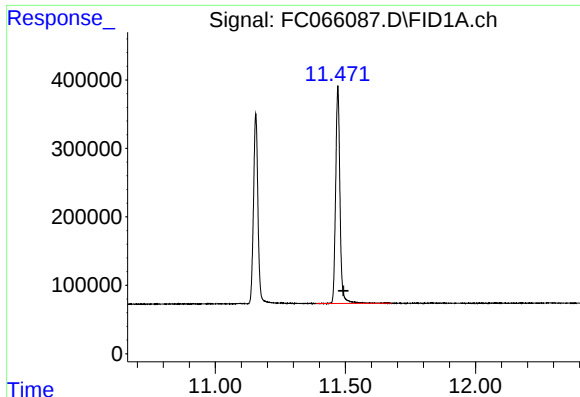
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.021 min
Response: 3271183
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.155 min
Delta R.T.: -0.023 min
Response: 3312324
Conc: 18.22 ug/ml



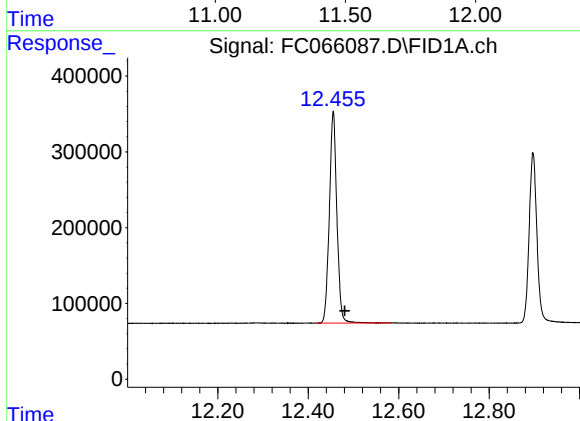
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.022 min
Response: 3673161
Conc: 18.80 ug/ml

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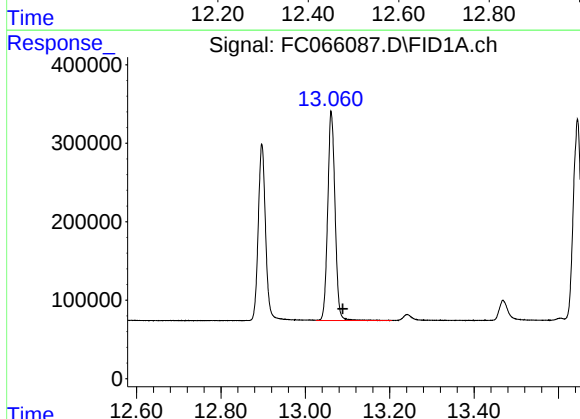
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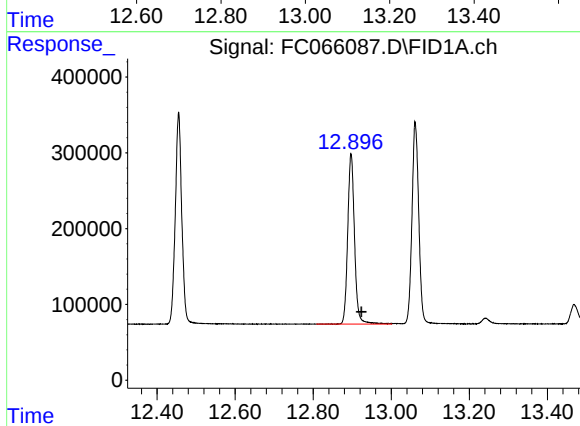
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.026 min
Response: 3223796
Conc: 18.46 ug/ml



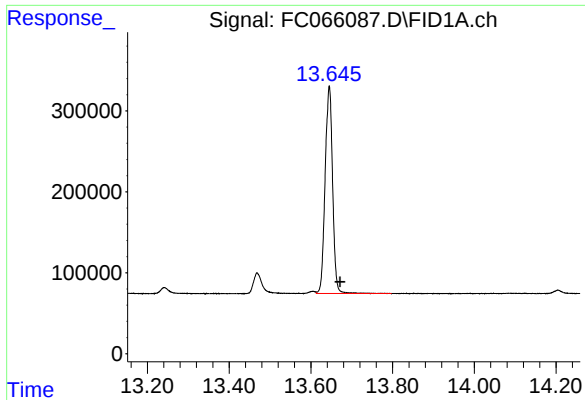
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.027 min
Response: 3216060
Conc: 18.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.026 min
Response: 2721567
Conc: 18.67 ug/ml



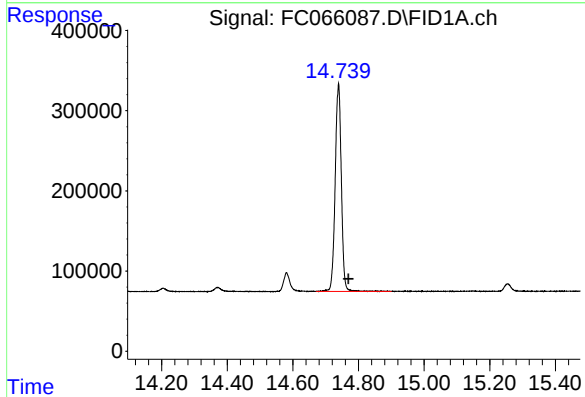
#13 n-Docosane (C22)

R.T.: 13.645 min
Delta R.T.: -0.027 min
Response: 3255317
Conc: 18.93 ug/ml

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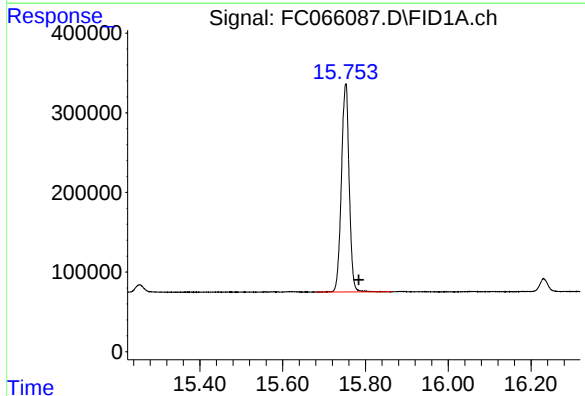
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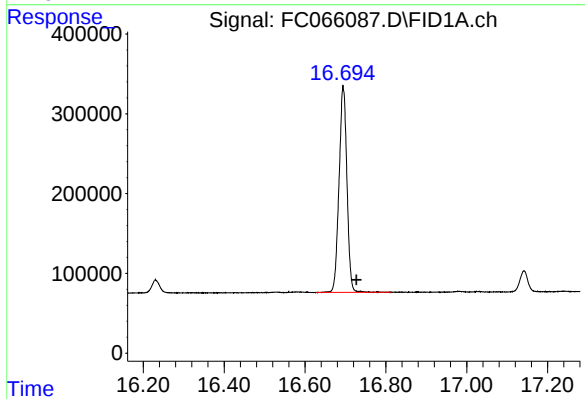
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: -0.031 min
Response: 3377703
Conc: 19.78 ug/ml



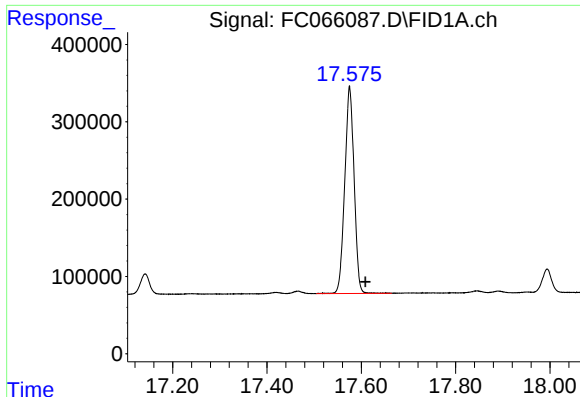
#15 n-Hexacosane (C26)

R.T.: 15.752 min
Delta R.T.: -0.032 min
Response: 3413963
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.695 min
Delta R.T.: -0.033 min
Response: 3499710
Conc: 21.05 ug/ml



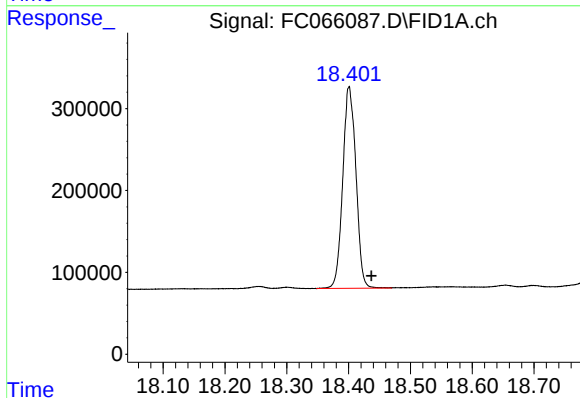
#17 n-Tricontane (C30)

R.T.: 17.575 min
Delta R.T.: -0.033 min
Response: 3686026
Conc: 21.59 ug/ml

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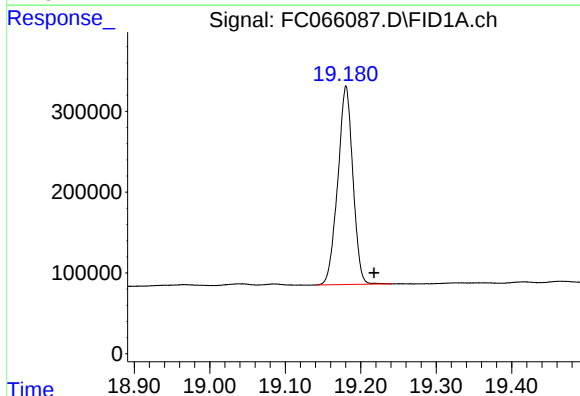
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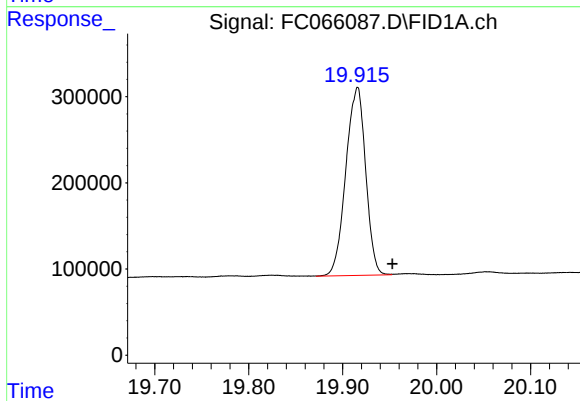
#18 n-Dotriacontane (C32)

R.T.: 18.401 min
Delta R.T.: -0.036 min
Response: 3653154
Conc: 21.67 ug/ml m



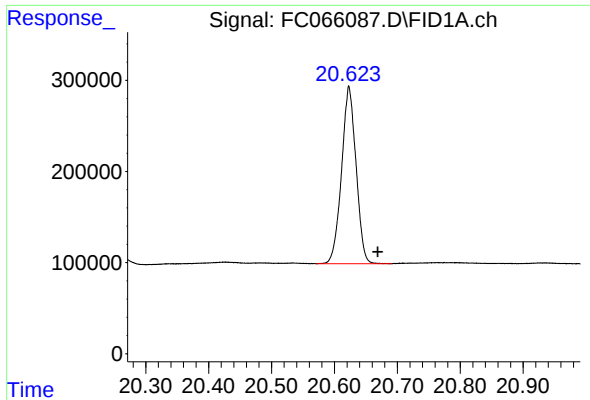
#19 n-Tetratriacontane (C34)

R.T.: 19.180 min
Delta R.T.: -0.037 min
Response: 3414160
Conc: 20.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.915 min
Delta R.T.: -0.037 min
Response: 3202016
Conc: 20.14 ug/ml m



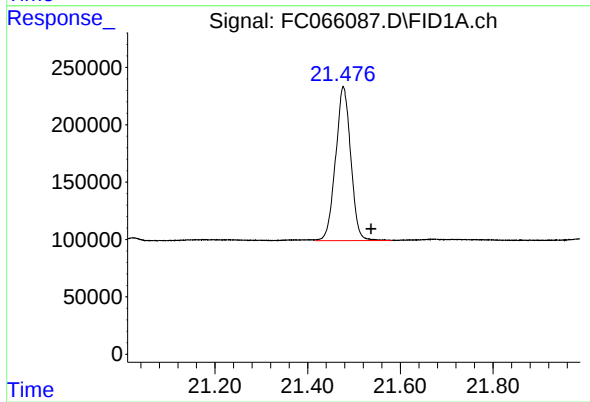
#21 n-Octatriacontane (C38)

R.T.: 20.623 min
Delta R.T.: -0.046 min
Response: 3102664
Conc: 19.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: -0.061 min
Response: 3051322
Conc: 19.30 ug/ml m