

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031924AL\
 Data File : FC066043.D
 Signal(s) : FID1A.ch
 Acq On : 19 Mar 2024 17:54
 Operator : YP/AJ
 Sample : PB159654BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159654BSD

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 03:13:25 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			
12) S 1-chlorooctadecane (S...	12.902	4940327	33.887 ug/ml
Spiked Amount 50.000		Recovery =	67.77%
Target Compounds			
1) T n-Nonane (C9)	3.280	3775429	22.598 ug/ml
2) T n-Decane (C10)	4.339	4454501	25.684 ug/ml
4) T n-Dodecane (C12)	6.349	5262963	29.866 ug/ml
6) T n-Tetradecane (C14)	8.136	5503117	31.646 ug/ml
7) T n-Hexadecane (C16)	9.727	5849655	32.744 ug/ml
8) T n-Octadecane (C18)	11.160	6295039	34.633 ug/ml
10) T n-Eicosane (C20)	12.460	6665624	38.173 ug/ml
11) T n-Heneicosane (C21)	13.068	6577702	37.938 ug/ml
13) T n-Docosane (C22)	13.650	6560565	38.146 ug/ml
14) T n-Tetracosane (C24)	14.744	6572952	38.484 ug/ml
15) T n-Hexacosane (C26)	15.758	6634780	39.402 ug/ml
16) T n-Octacosane (C28)	16.700	6700525	40.301 ug/ml
17) T n-Tricontane (C30)	17.582	6836882	40.043 ug/ml
18) T n-Dotriacontane (C32)	18.410	6827962	40.504 ug/mlm
19) T n-Tetratriacontane (C34)	19.185	6853619	41.817 ug/ml
20) T n-Hexatriacontane (C36)	19.921	6682464	42.029 ug/mlm
21) T n-Octatriacontane (C38)	20.631	6652306	42.469 ug/ml
22) T n-Tetracontane (C40)	21.488	6436187	40.700 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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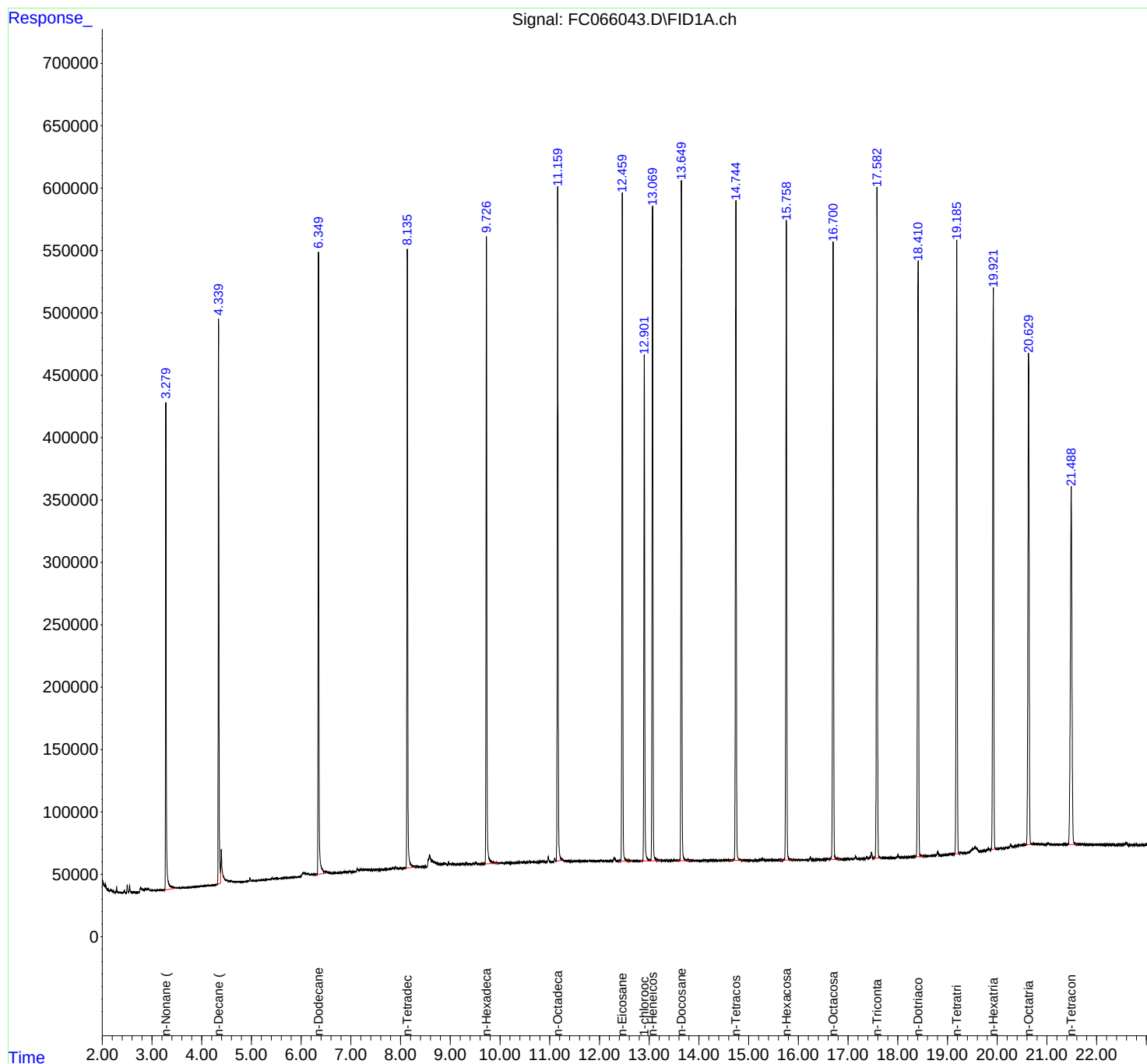
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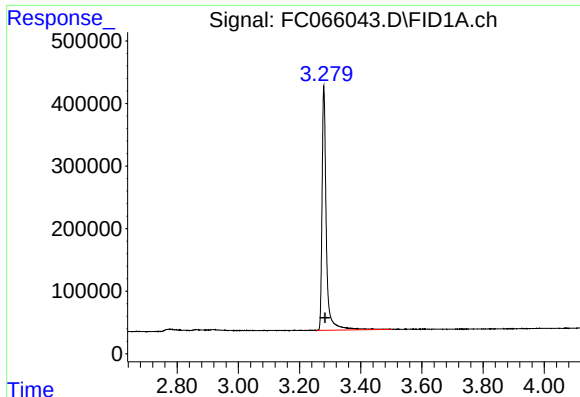
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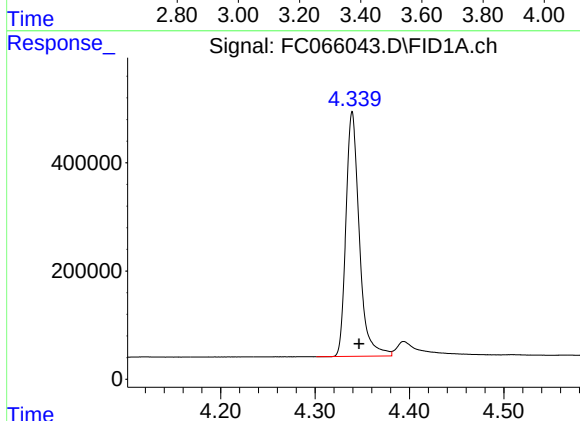
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.004 min
Response: 3775429
Conc: 22.60 ug/ml

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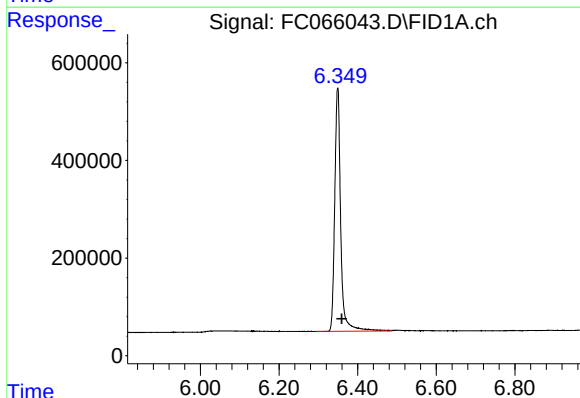
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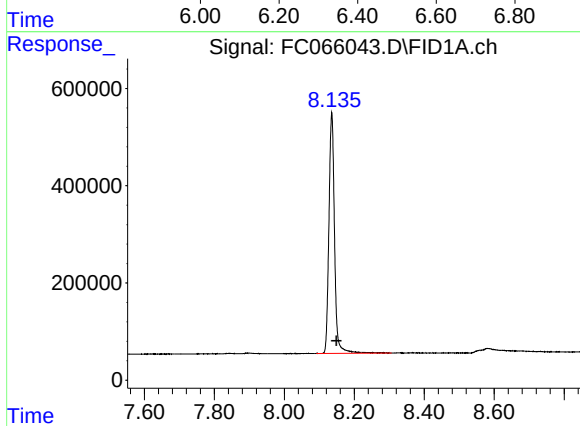
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: -0.007 min
Response: 4454501
Conc: 25.68 ug/ml



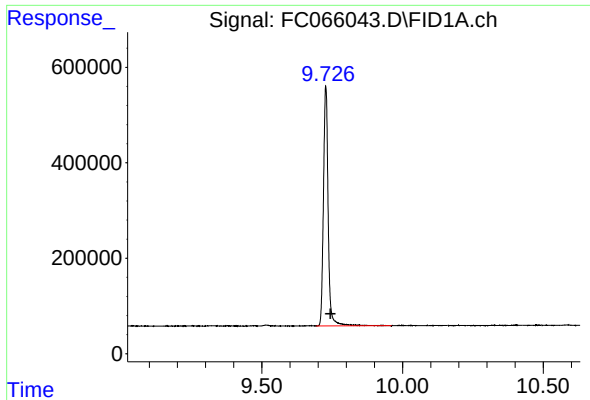
#4 n-Dodecane (C12)

R.T.: 6.349 min
Delta R.T.: -0.011 min
Response: 5262963
Conc: 29.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.136 min
Delta R.T.: -0.013 min
Response: 5503117
Conc: 31.65 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: -0.017 min
Response: 5849655
Conc: 32.74 ug/ml

Instrument :

FID_C

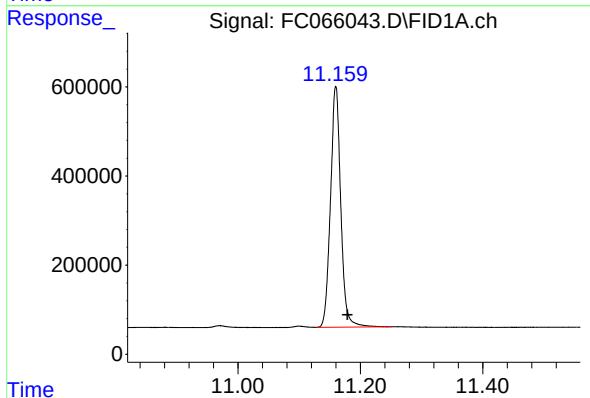
ClientSampleId :

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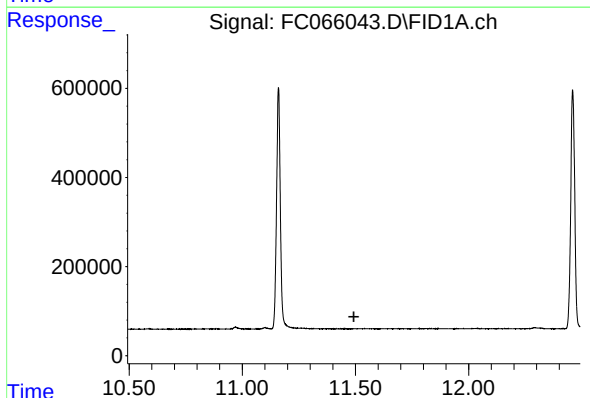
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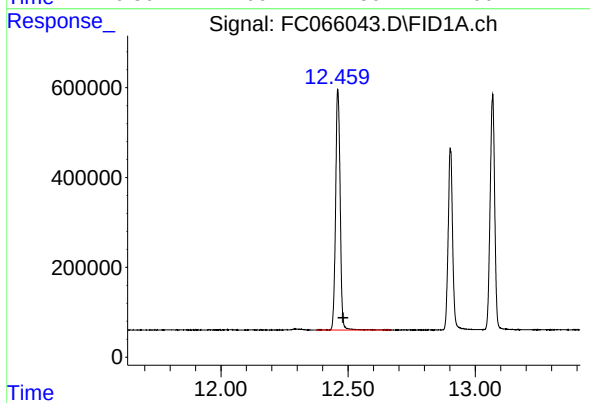
#8 n-Octadecane (C18)

R.T.: 11.160 min
Delta R.T.: -0.019 min
Response: 6295039
Conc: 34.63 ug/ml



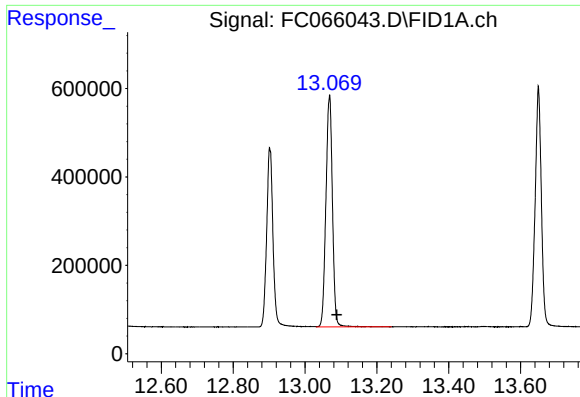
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.493 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.460 min
Delta R.T.: -0.021 min
Response: 6665624
Conc: 38.17 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.068 min
Delta R.T.: -0.021 min
Response: 6577702
Conc: 37.94 ug/ml

Instrument :

FID_C

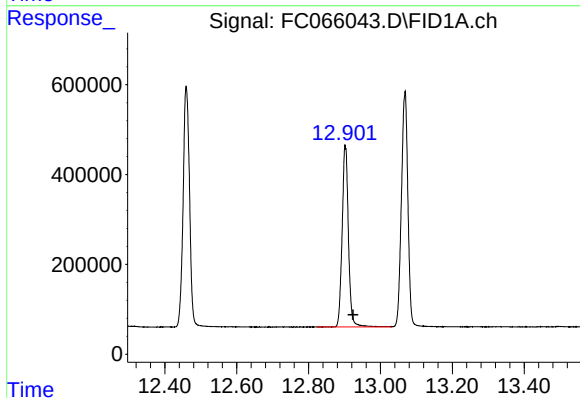
ClientSampleId :

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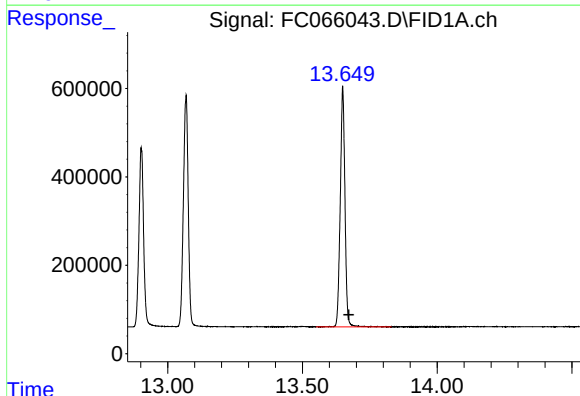
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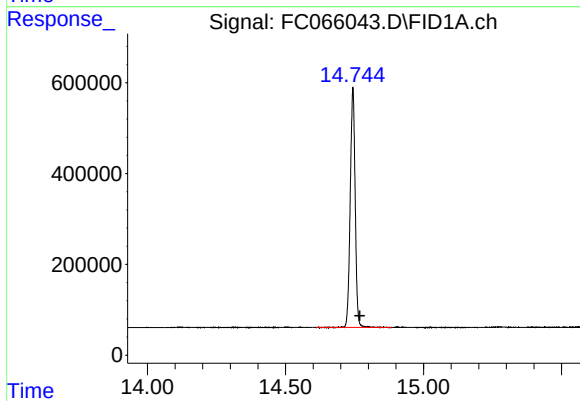
#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min
Delta R.T.: -0.021 min
Response: 4940327
Conc: 33.89 ug/ml



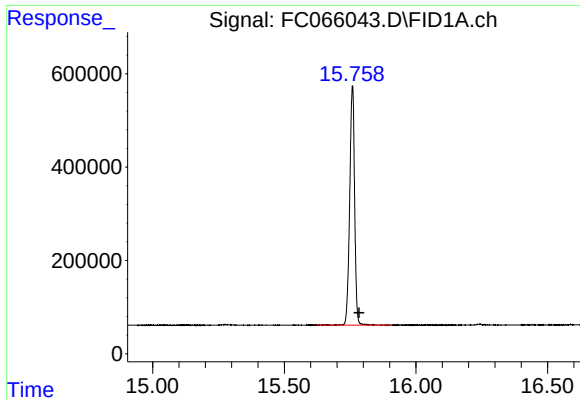
#13 n-Docosane (C22)

R.T.: 13.650 min
Delta R.T.: -0.022 min
Response: 6560565
Conc: 38.15 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: -0.026 min
Response: 6572952
Conc: 38.48 ug/ml



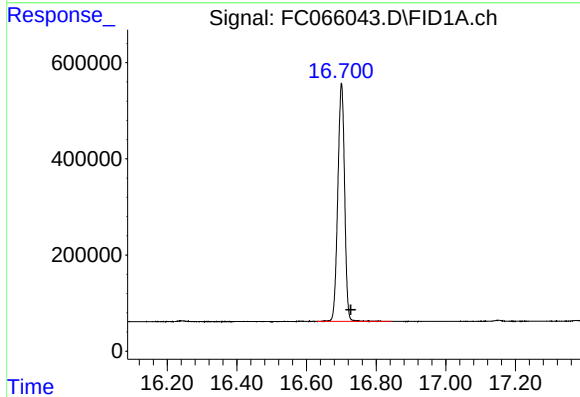
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: -0.026 min
Response: 6634780
Conc: 39.40 ug/ml

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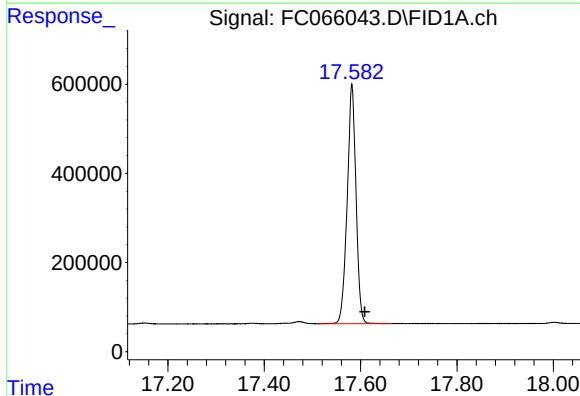
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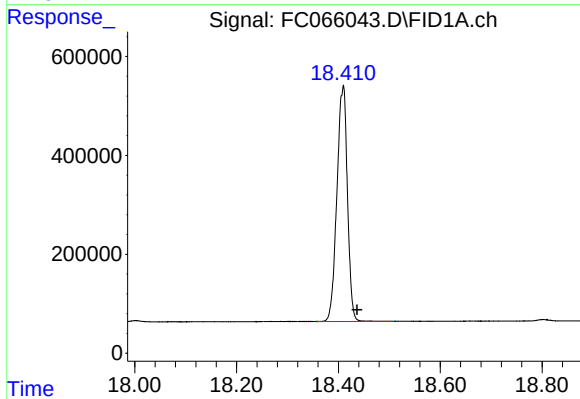
#16 n-Octacosane (C28)

R.T.: 16.700 min
Delta R.T.: -0.027 min
Response: 6700525
Conc: 40.30 ug/ml



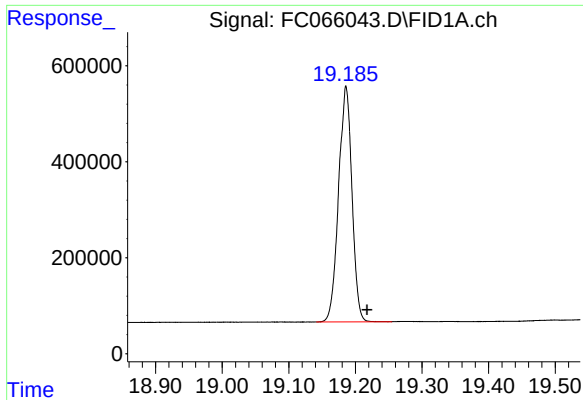
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: -0.027 min
Response: 6836882
Conc: 40.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.410 min
Delta R.T.: -0.027 min
Response: 6827962
Conc: 40.50 ug/ml m



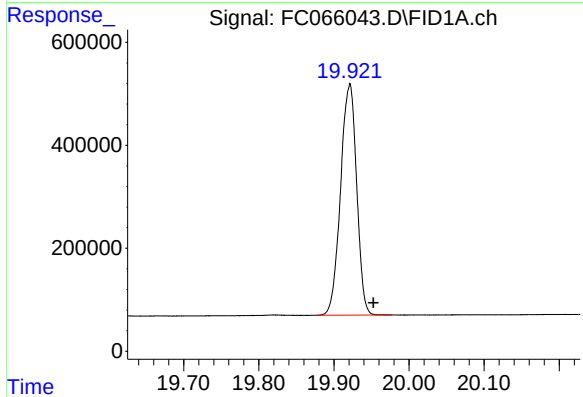
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: -0.032 min
Response: 6853619
Conc: 41.82 ug/ml

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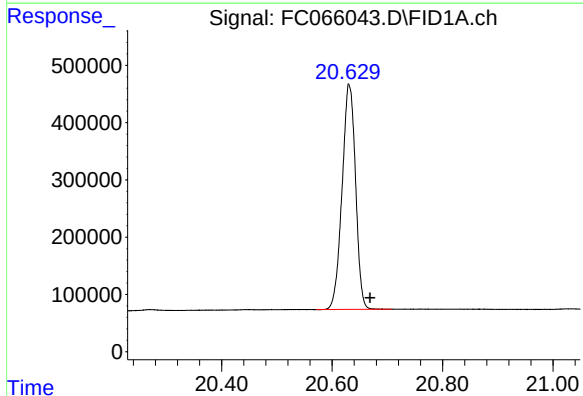
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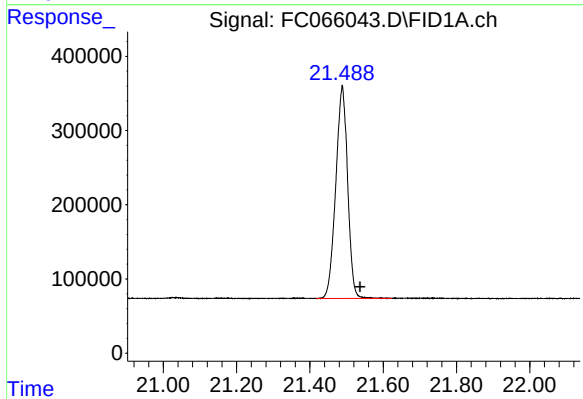
#20 n-Hexatriacontane (C36)

R.T.: 19.921 min
Delta R.T.: -0.032 min
Response: 6682464
Conc: 42.03 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.631 min
Delta R.T.: -0.038 min
Response: 6652306
Conc: 42.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.488 min
Delta R.T.: -0.049 min
Response: 6436187
Conc: 40.70 ug/ml m