

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062024AL\
 Data File : FC066652.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2024 17:13
 Operator : YP/AJ
 Sample : P2976-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-K-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2024
 Supervised By :Ankita Jodhani 06/21/2024

Integration File: autoint1.e
 Quant Time: Jun 21 02:05:32 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)	11.538	6032328	34.973 ug/ml
Spiked Amount 50.000		Recovery =	69.95%
12) S 1-chlorooctadecane (S...	12.975	5156031	37.368 ug/ml
Spiked Amount 50.000		Recovery =	74.74%
Target Compounds			
1) T n-Nonane (C9)	3.300	4482119	30.849 ug/ml
2) T n-Decane (C10)	4.365	5231623	35.074 ug/ml
3) T A~Naphthalene (C11.7)	5.947	6289219	38.736 ug/ml
4) T n-Dodecane (C12)	6.382	5561637	36.697 ug/ml
5) T A~2-methylnaphthalene...	7.004	6588119	41.469 ug/ml
6) T n-Tetradecane (C14)	8.181	6245782	41.176 ug/ml
7) T n-Hexadecane (C16)	9.781	6996532	43.677 ug/ml
8) T n-Octadecane (C18)	11.223	7341415	44.245 ug/ml
10) T n-Eicosane (C20)	12.533	7472779	45.968 ug/ml
11) T n-Heneicosane (C21)	13.145	7238951	44.928 ug/ml
13) T n-Docosane (C22)	13.730	7125816	44.447 ug/ml
14) T n-Tetracosane (C24)	14.833	6060224	38.185 ug/ml
15) T n-Hexacosane (C26)	15.855	6575126	43.061 ug/ml
16) T n-Octacosane (C28)	16.803	6213395	43.074 ug/ml
17) T n-Tricontane (C30)	17.692	5991393	42.883 ug/ml
18) T n-Dotriacontane (C32)	18.522	5765574	43.688 ug/ml
19) T n-Tetratriacontane (C34)	19.306	5606508	45.333 ug/ml
20) T n-Hexatriacontane (C36)	20.045	5349333	44.385 ug/ml
21) T n-Octatriacontane (C38)	20.777	5400155	47.225 ug/ml
22) T n-Tetracontane (C40)	21.678	5258000	46.817 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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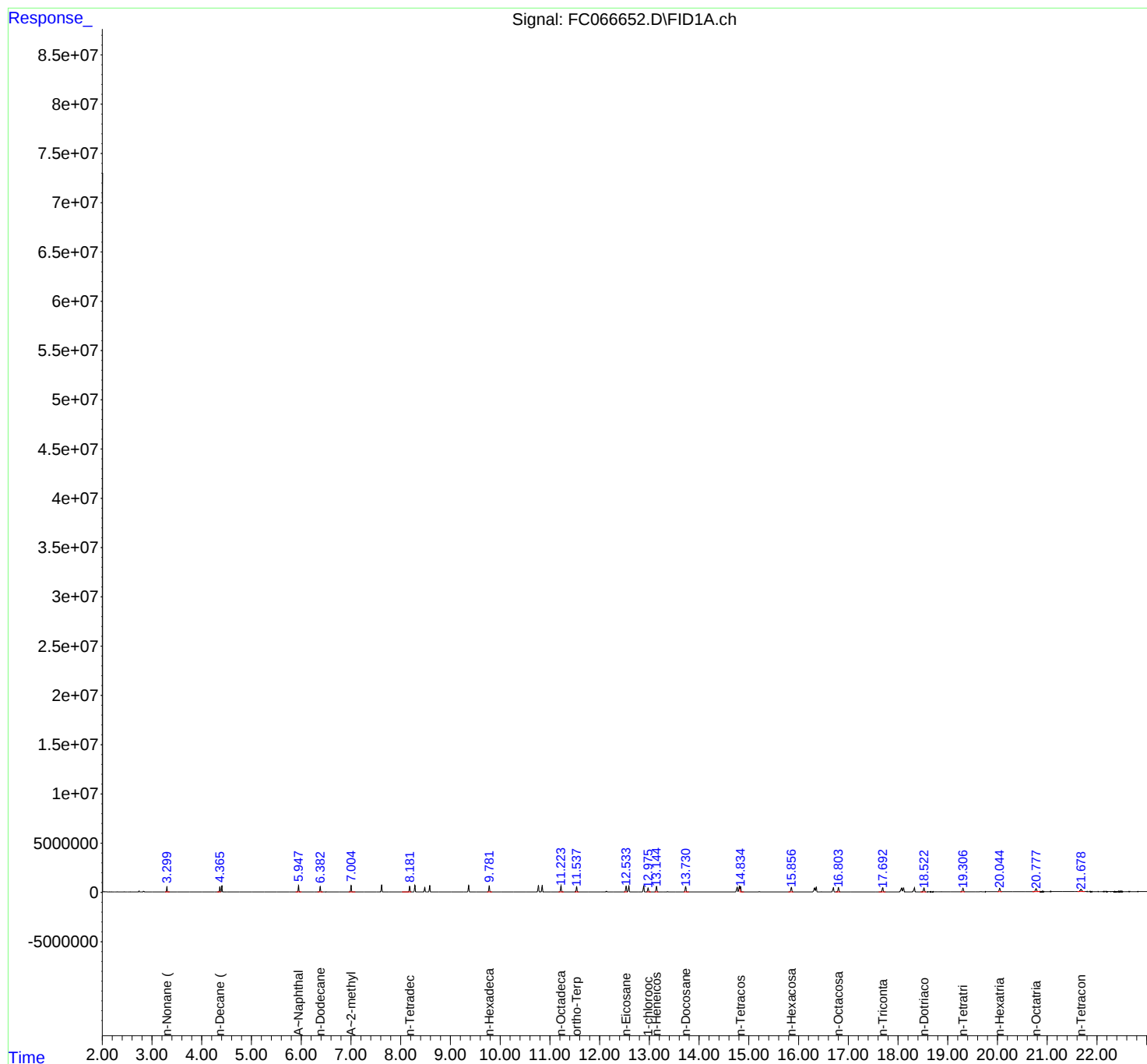
Instrument :
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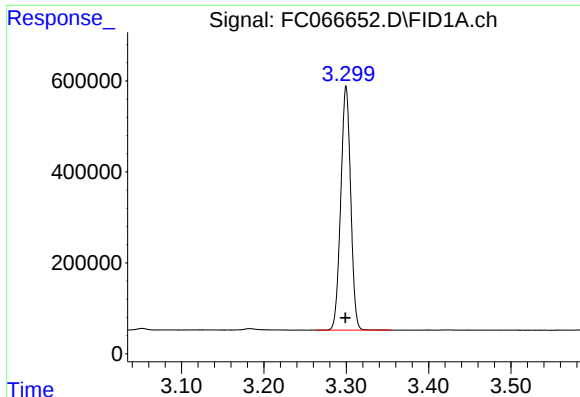
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#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 4482119
Conc: 30.85 ug/ml

Instrument :

FID_C

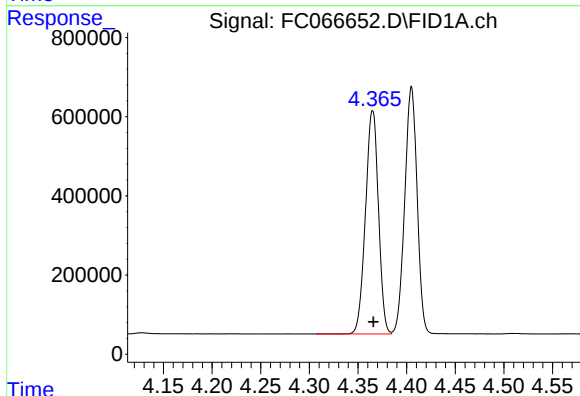
ClientSampleId :

MH-K-COMPMS

Manual Integrations

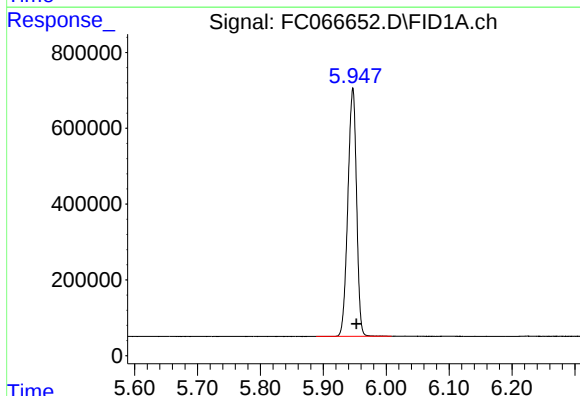
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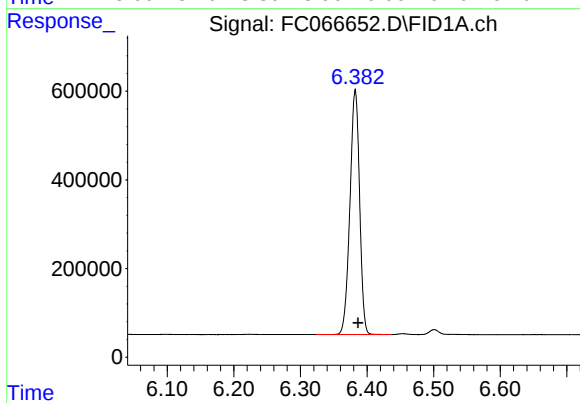
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 5231623
Conc: 35.07 ug/ml



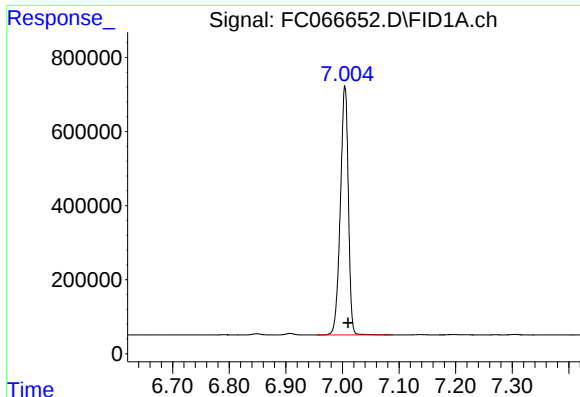
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 6289219
Conc: 38.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.004 min
Response: 5561637
Conc: 36.70 ug/ml



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

R.T.: 7.004 min
Delta R.T.: -0.006 min
Response: 6588119
Conc: 41.47 ug/ml

Instrument :

FID_C

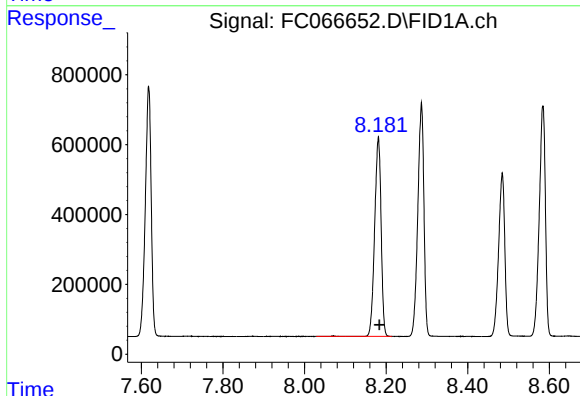
ClientSampleId :

MH-K-COMPMS

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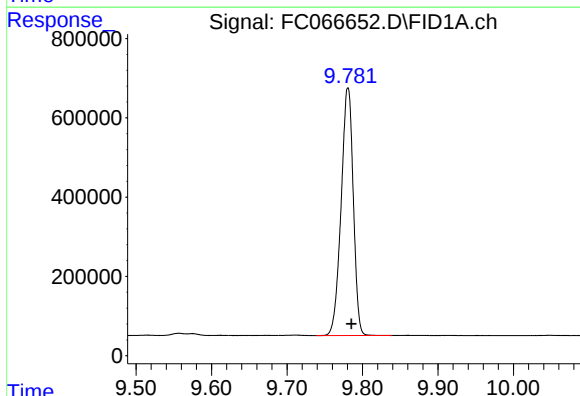
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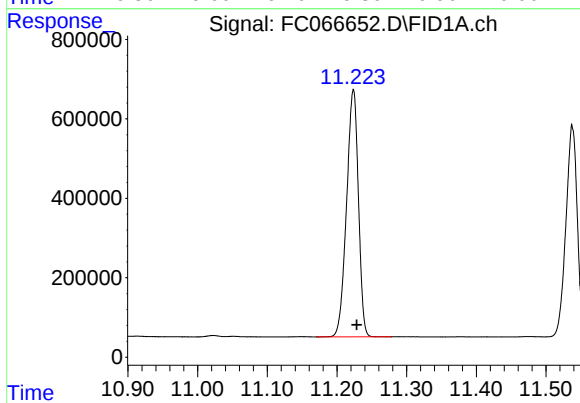
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.003 min
Response: 6245782
Conc: 41.18 ug/ml



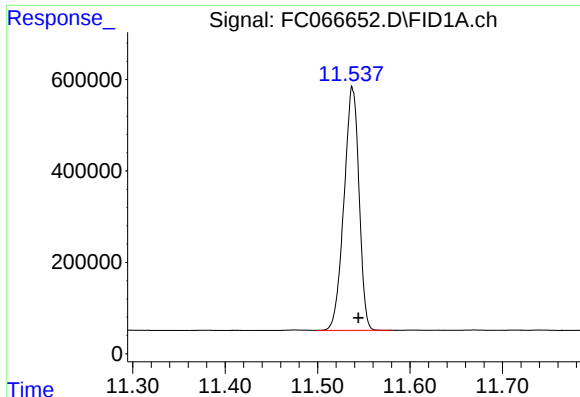
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.005 min
Response: 6996532
Conc: 43.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.005 min
Response: 7341415
Conc: 44.25 ug/ml



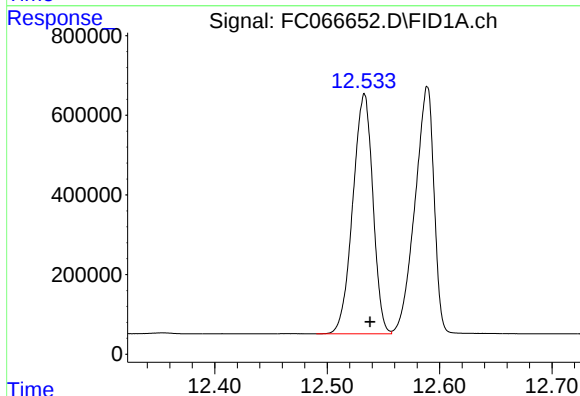
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.006 min
Response: 6032328
Conc: 34.97 ug/ml

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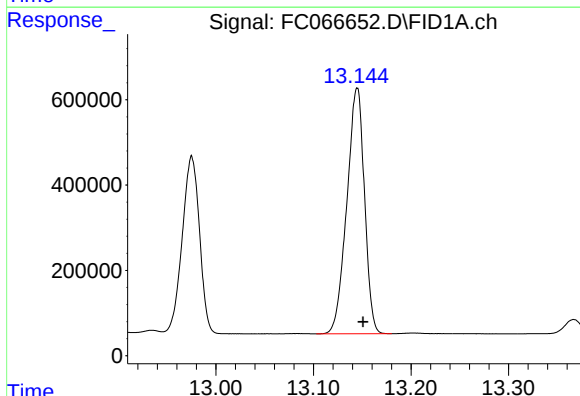
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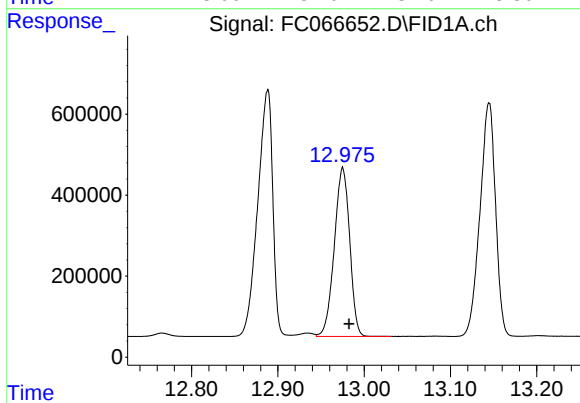
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.005 min
Response: 7472779
Conc: 45.97 ug/ml



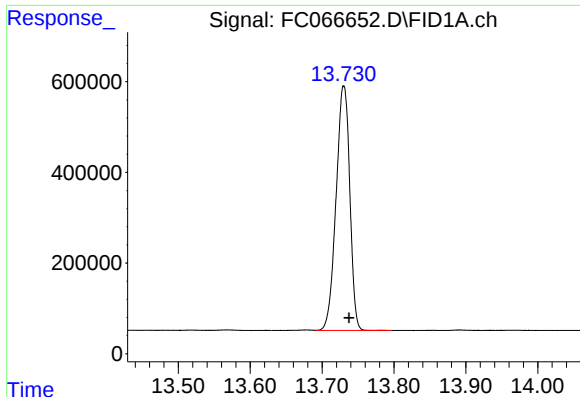
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.006 min
Response: 7238951
Conc: 44.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 5156031
Conc: 37.37 ug/ml



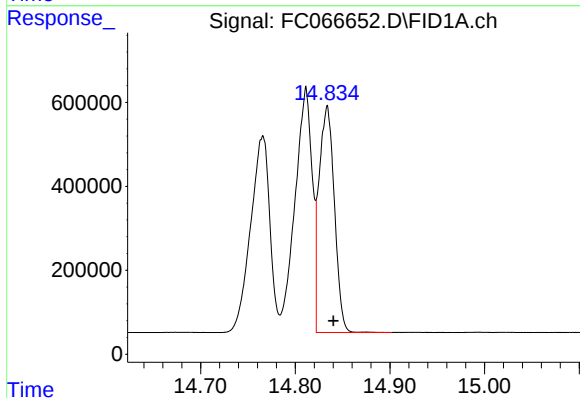
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.007 min
Response: 7125816
Conc: 44.45 ug/ml

Instrument :
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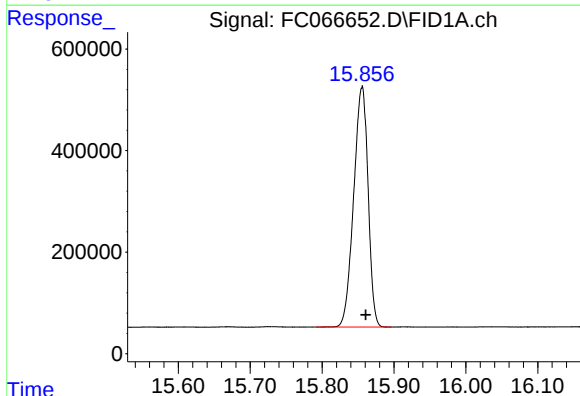
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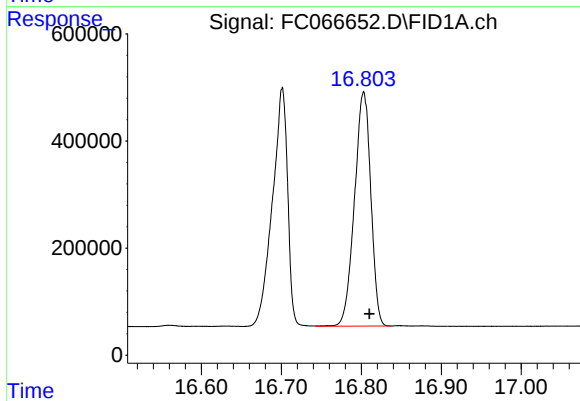
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.007 min
Response: 6060224
Conc: 38.18 ug/ml



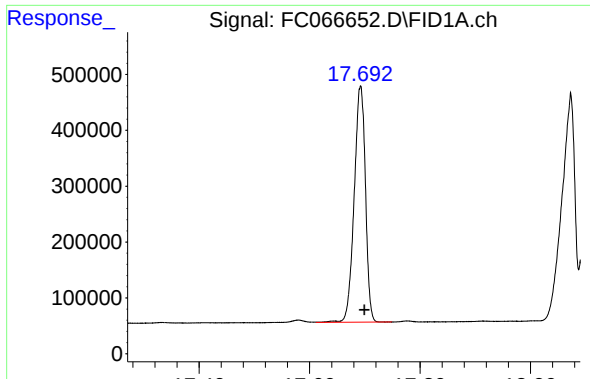
#15 n-Hexacosane (C26)

R.T.: 15.855 min
Delta R.T.: -0.005 min
Response: 6575126
Conc: 43.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.803 min
Delta R.T.: -0.008 min
Response: 6213395
Conc: 43.07 ug/ml



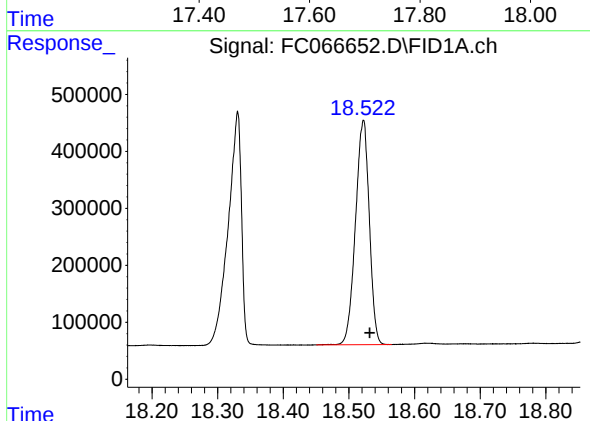
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.007 min
Response: 5991393
Conc: 42.88 ug/ml

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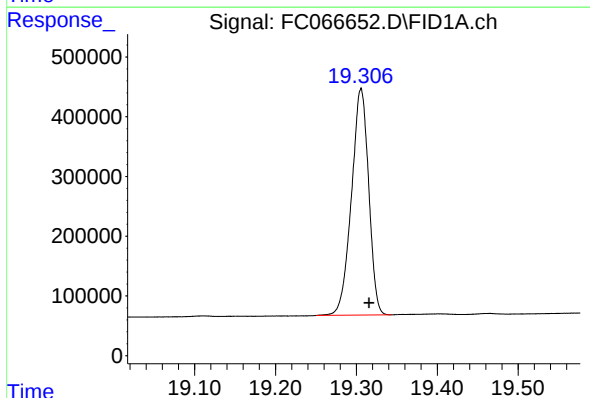
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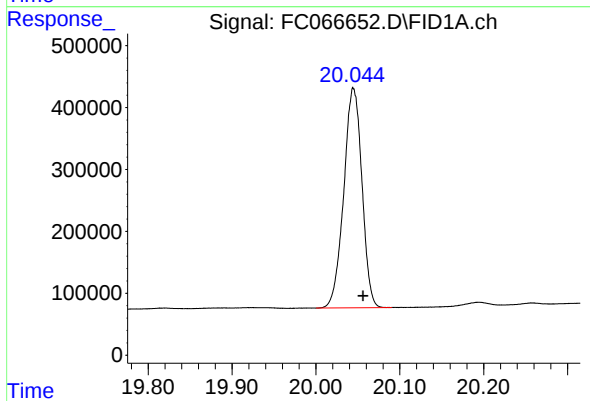
#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.010 min
Response: 5765574
Conc: 43.69 ug/ml



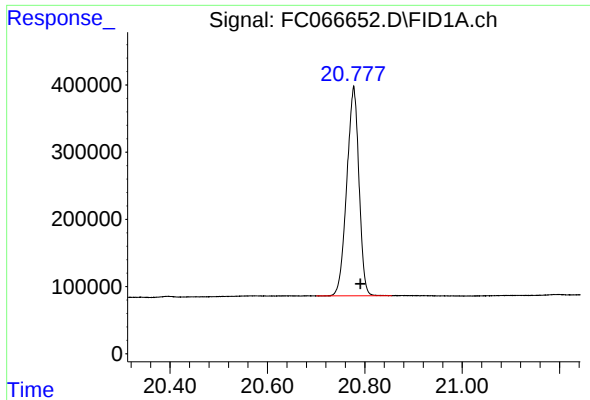
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.010 min
Response: 5606508
Conc: 45.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.045 min
Delta R.T.: -0.011 min
Response: 5349333
Conc: 44.39 ug/ml



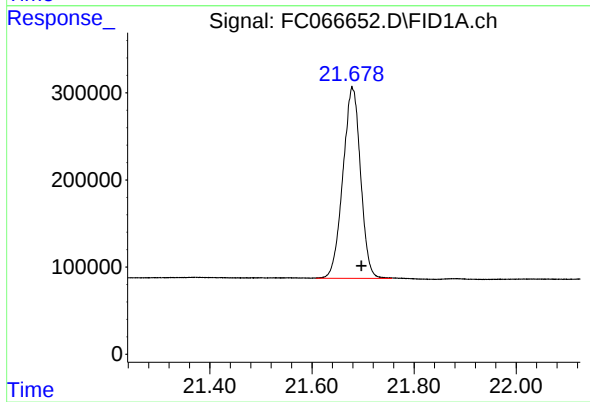
#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.014 min
Response: 5400155
Conc: 47.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.678 min
Delta R.T.: -0.019 min
Response: 5258000
Conc: 46.82 ug/ml m