

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067161.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 22:43
 Operator : YP/AJ
 Sample : P4087-31MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NB-614-COMP-06MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
 Quant Time: Sep 19 04:06:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.506	3416109	24.533 ug/ml
Spiked Amount 50.000		Recovery =	49.07%
12) S 1-chlorooctadecane (S...	12.945	2669833	27.331 ug/ml
Spiked Amount 50.000		Recovery =	54.66%
Target Compounds			
1) T n-Nonane (C9)	3.281	3779522	28.493 ug/ml
2) T n-Decane (C10)	4.346	4324636	32.200 ug/ml
3) T A~Naphthalene (C11.7)	5.923	4800230	33.775 ug/ml
4) T n-Dodecane (C12)	6.361	4496049	33.589 ug/ml
5) T A~2-methylnaphthalene...	6.979	4398487	32.939 ug/ml
6) T n-Tetradecane (C14)	8.157	4876935	37.842 ug/ml
7) T n-Hexadecane (C16)	9.754	5310899	41.193 ug/ml
8) T n-Octadecane (C18)	11.196	5493825	42.940 ug/ml
10) T n-Eicosane (C20)	12.504	5630184	46.874 ug/ml
11) T n-Heneicosane (C21)	13.115	5375091	46.022 ug/ml
13) T n-Docosane (C22)	13.701	5395330	46.729 ug/ml
14) T n-Tetracosane (C24)	14.773	10811932	95.208 ug/mlm
15) T n-Hexacosane (C26)	15.823	5024316	45.334 ug/ml
16) T n-Octacosane (C28)	16.771	5151714	47.693 ug/mlm
17) T n-Tricontane (C30)	17.659	4916721	45.201 ug/ml
18) T n-Dotriacontane (C32)	18.490	4914280	47.114 ug/ml
19) T n-Tetratriacontane (C34)	19.272	4893514	53.041 ug/ml
20) T n-Hexatriacontane (C36)	20.010	4594446	57.976 ug/ml
21) T n-Octatriacontane (C38)	20.735	4536980	60.400 ug/mlm
22) T n-Tetracontane (C40)	21.626	4224388	60.465 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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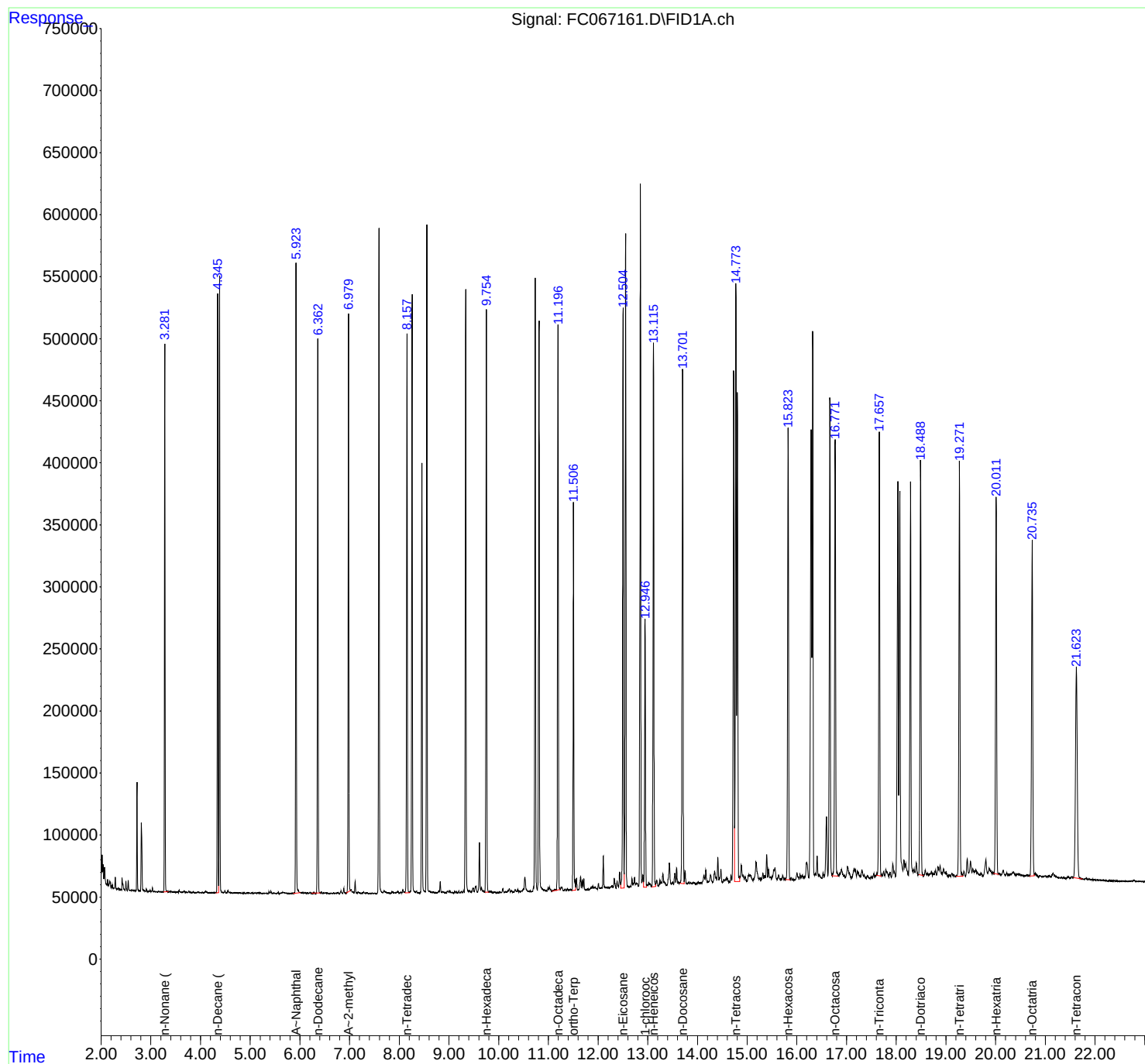
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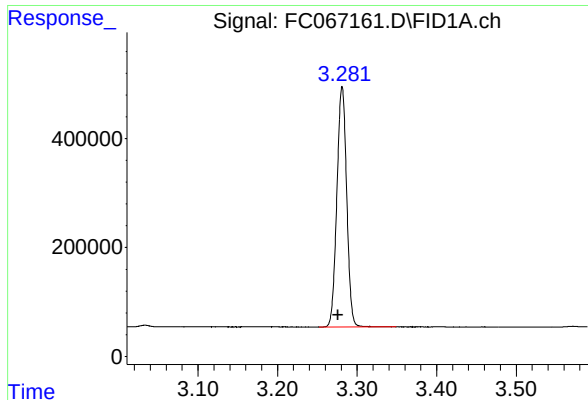
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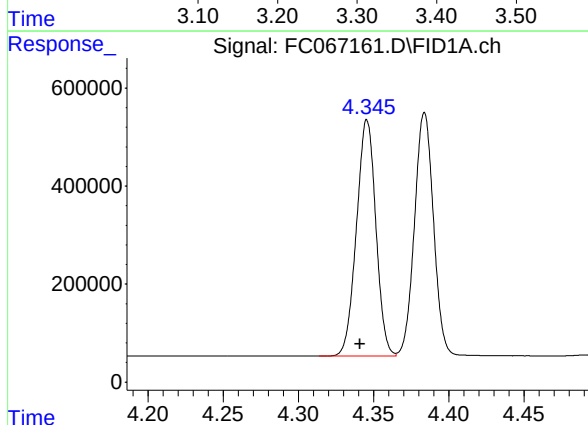
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.005 min
Response: 3779522
Conc: 28.49 ug/ml

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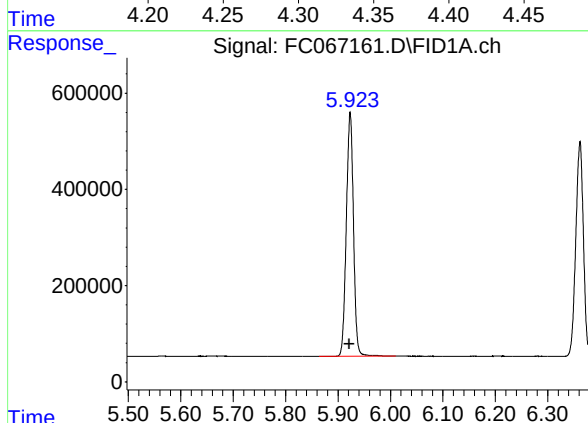
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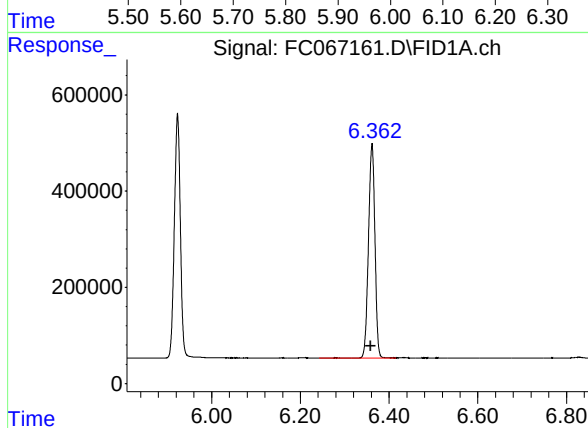
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.005 min
Response: 4324636
Conc: 32.20 ug/ml



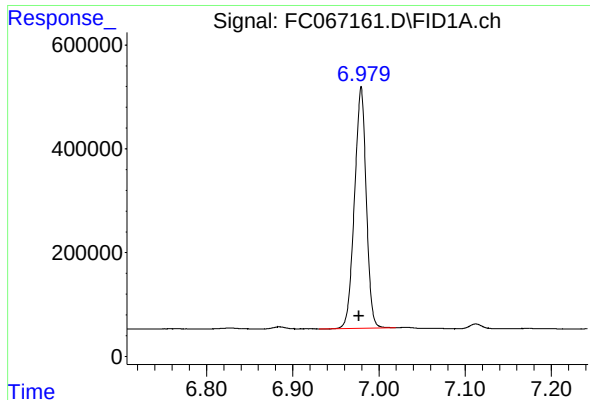
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 4800230
Conc: 33.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.003 min
Response: 4496049
Conc: 33.59 ug/ml



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

R.T.: 6.979 min
Delta R.T.: 0.002 min
Response: 4398487
Conc: 32.94 ug/ml

Instrument :

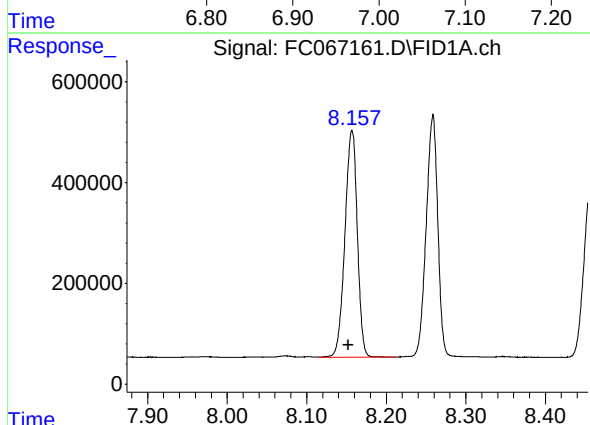
FID_C

ClientSampleId :

NB-614-COMP-06MS

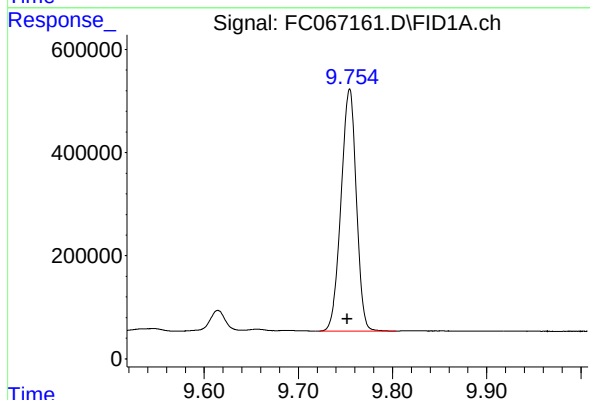
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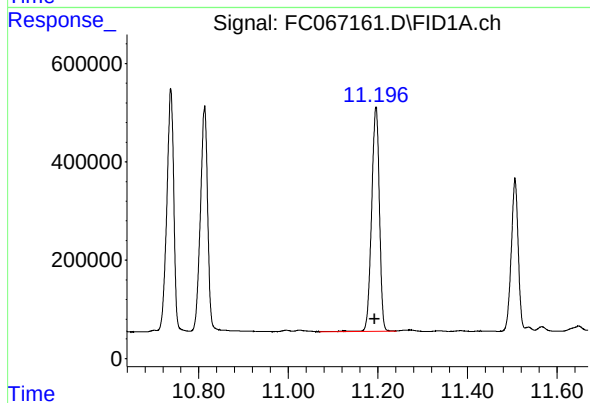
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.005 min
Response: 4876935
Conc: 37.84 ug/ml



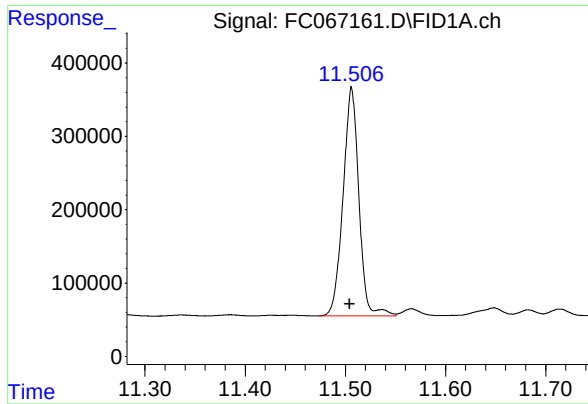
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.002 min
Response: 5310899
Conc: 41.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 5493825
Conc: 42.94 ug/ml



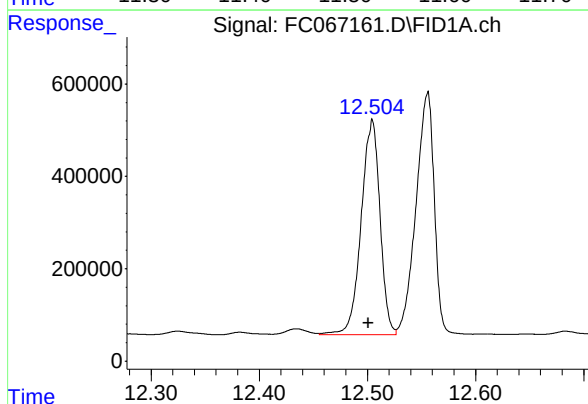
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.002 min
Response: 3416109
Conc: 24.53 ug/ml

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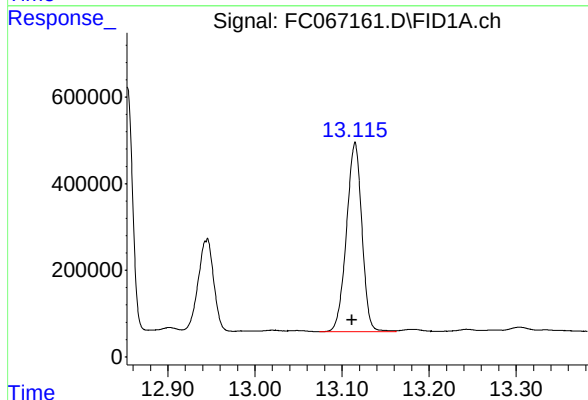
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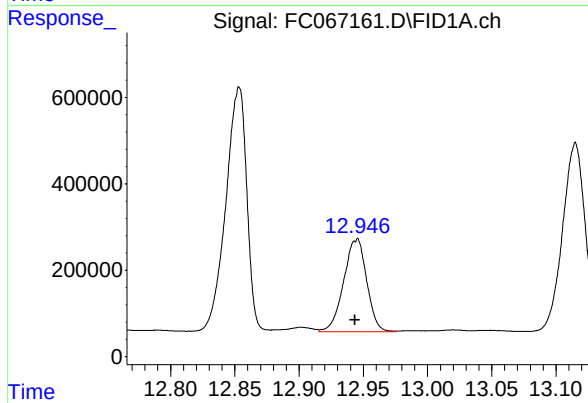
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.003 min
Response: 5630184
Conc: 46.87 ug/ml



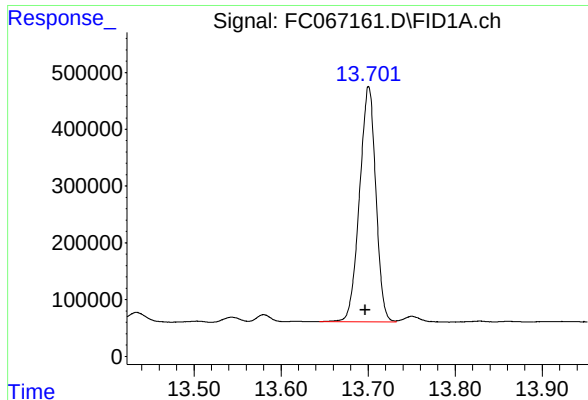
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.003 min
Response: 5375091
Conc: 46.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.945 min
Delta R.T.: 0.001 min
Response: 2669833
Conc: 27.33 ug/ml



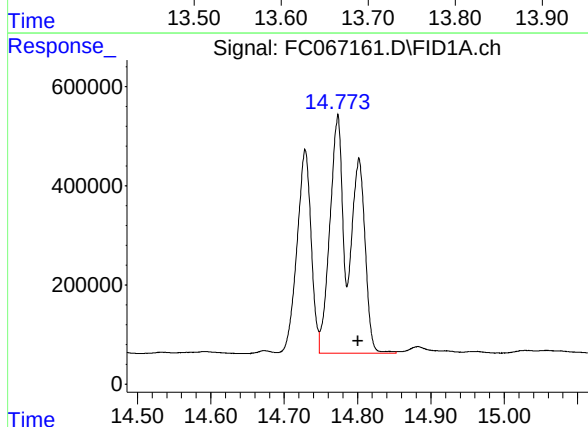
#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: 0.003 min
Response: 5395330
Conc: 46.73 ug/ml

Instrument :
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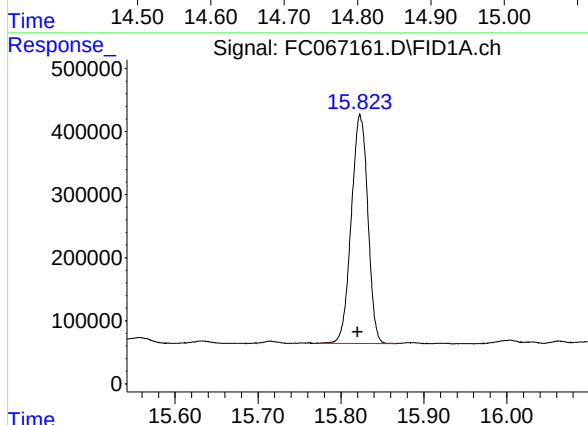
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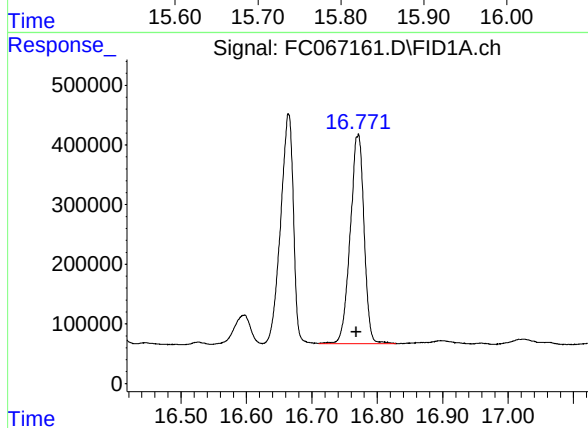
#14 n-Tetracosane (C24)

R.T.: 14.773 min
Delta R.T.: -0.028 min
Response: 10811932
Conc: 95.21 ug/ml m



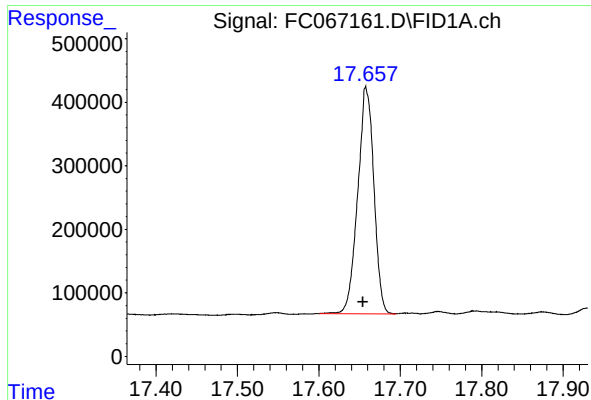
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: 0.003 min
Response: 5024316
Conc: 45.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: 0.003 min
Response: 5151714
Conc: 47.69 ug/ml m



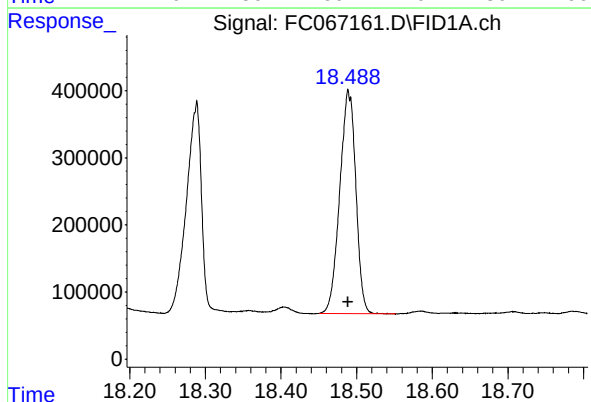
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: 0.004 min
Response: 4916721
Conc: 45.20 ug/ml

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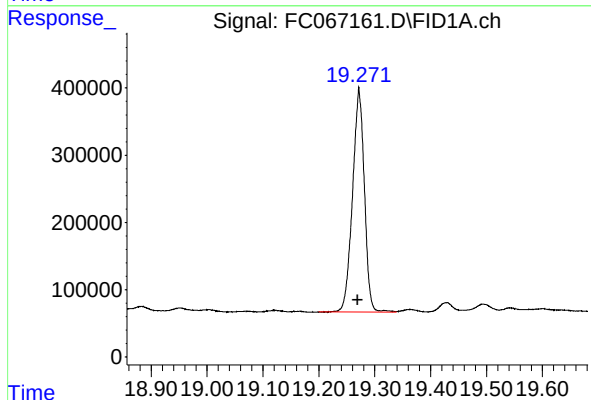
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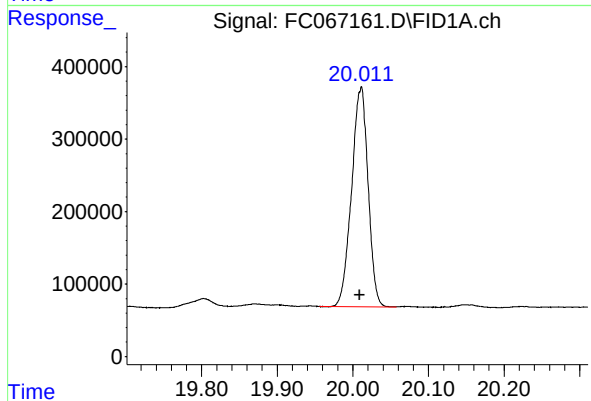
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: 0.001 min
Response: 4914280
Conc: 47.11 ug/ml



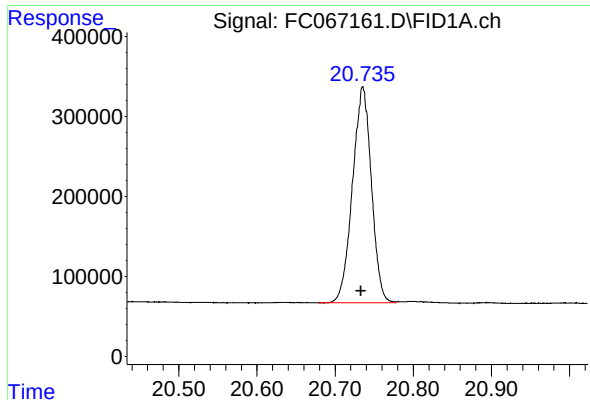
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.002 min
Response: 4893514
Conc: 53.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: 0.001 min
Response: 4594446
Conc: 57.98 ug/ml



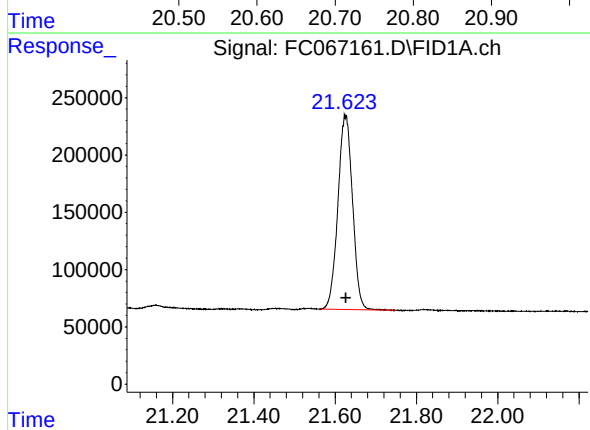
#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.002 min
Response: 4536980
Conc: 60.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: -0.001 min
Response: 4224388
Conc: 60.47 ug/ml