

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091922AL\
 Data File : FC061569.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2022 23:27
 Operator : YP/AJ
 Sample : N4656-40MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SP-4HMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2022
 Supervised By :Ankita Jodhani 09/20/2022

Integration File: sample.E
 Quant Time: Sep 20 05:10:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 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)	11.576	5216142	29.465 ug/ml
Spiked Amount 50.000		Recovery =	58.93%
12) S 1-chlorooctadecane (S...	13.013	4155669	29.673 ug/ml
Spiked Amount 50.000		Recovery =	59.35%
Target Compounds			
1) T n-Nonane (C9)	3.327	4142625	27.400 ug/ml
2) T n-Decane (C10)	4.396	4684359	30.871 ug/ml
3) T A~Naphthalene (C11.7)	5.982	5212656	30.113 ug/ml
4) T n-Dodecane (C12)	6.415	5100759	32.935 ug/ml
5) T A~2-methylnaphthalene...	7.039	5229882	29.701 ug/ml
6) T n-Tetradecane (C14)	8.215	5417627	34.636 ug/ml
7) T n-Hexadecane (C16)	9.816	5853947	37.374 ug/ml
8) T n-Octadecane (C18)	11.260	5981562	37.914 ug/ml
10) T n-Eicosane (C20)	12.571	5770438	37.119 ug/ml
11) T n-Heneicosane (C21)	13.181	5692042	36.390 ug/ml
13) T n-Docosane (C22)	13.769	5597140	36.069 ug/ml
14) T n-Tetracosane (C24)	14.872	4558725	29.468 ug/ml
15) T n-Hexacosane (C26)	15.895	5324289	35.376 ug/ml
16) T n-Octacosane (C28)	16.844	5209807	35.272 ug/ml
17) T n-Tricontane (C30)	17.732	5094937	36.888 ug/ml
18) T n-Dotriacontane (C32)	18.563	5061380	46.111 ug/ml
19) T n-Tetratriacontane (C34)	19.347	5021568	65.057 ug/ml
20) T n-Hexatriacontane (C36)	20.086	4731530	83.806 ug/ml
21) T n-Octatriacontane (C38)	20.821	4768866	102.796 ug/mlm
22) T n-Tetracontane (C40)	21.736	4729230	112.752 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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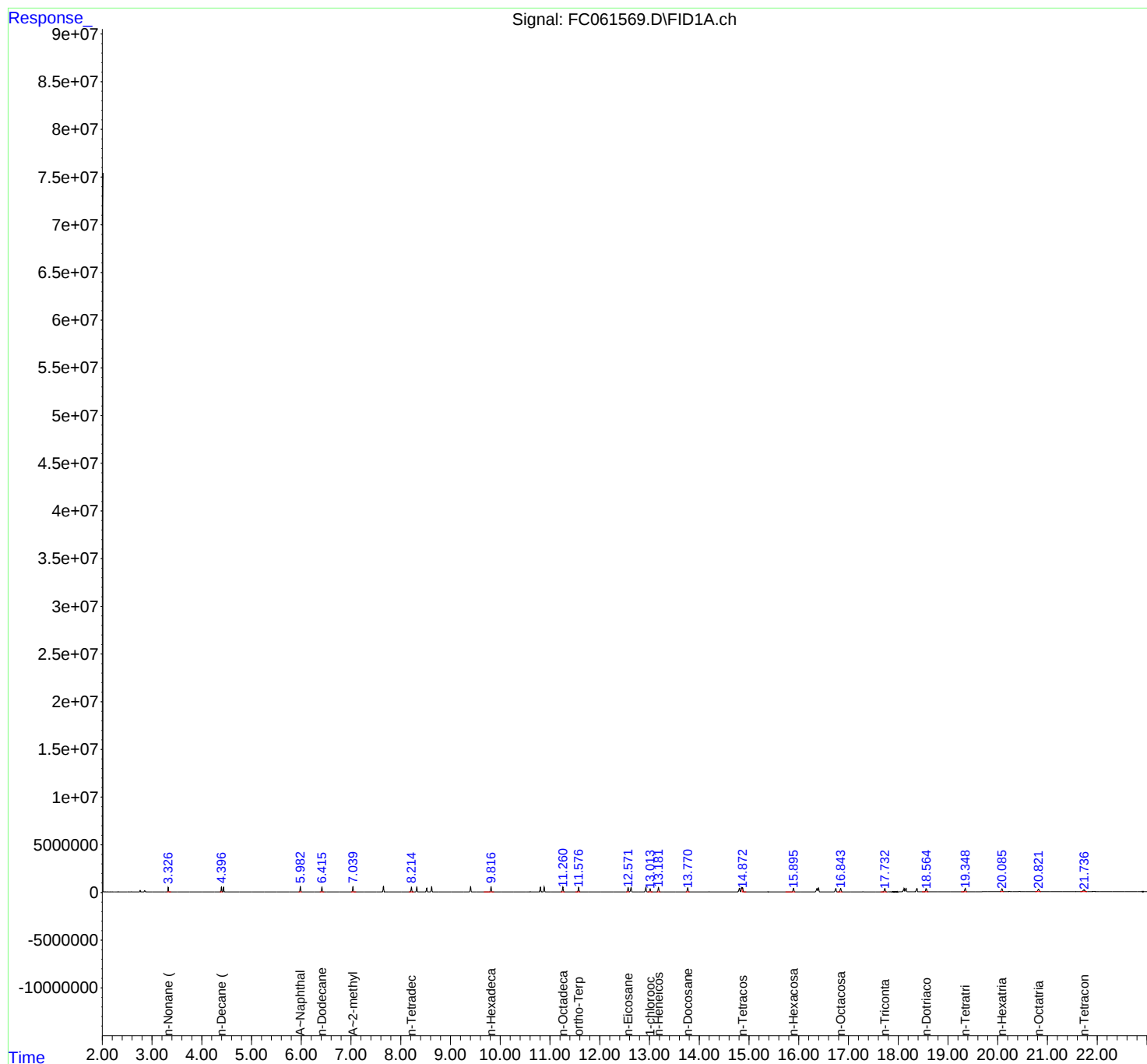
Instrument :
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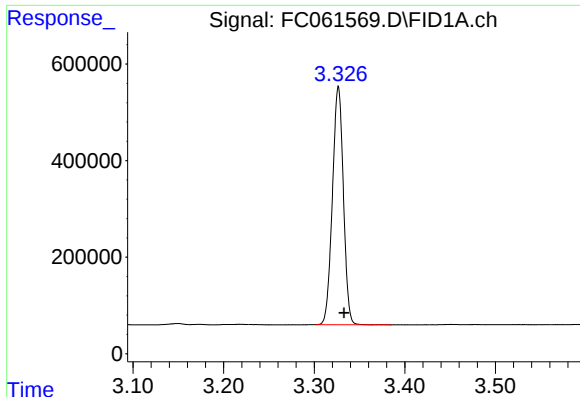
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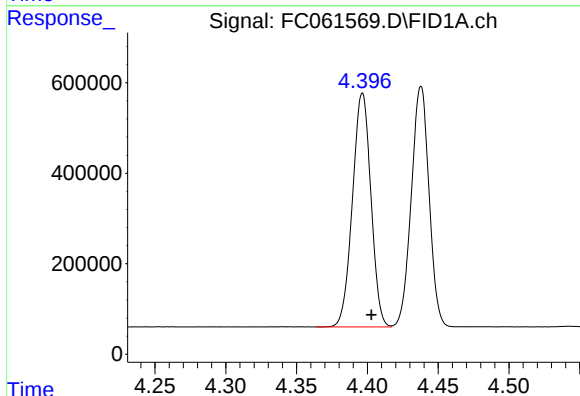
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.006 min
Response: 4142625
Conc: 27.40 ug/ml

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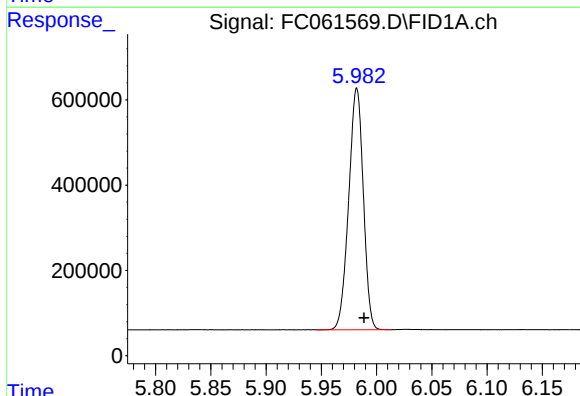
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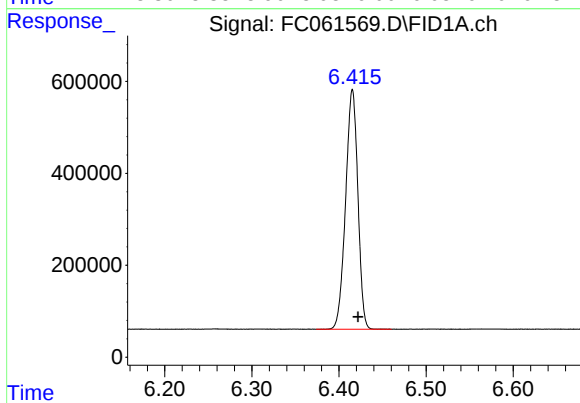
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.006 min
Response: 4684359
Conc: 30.87 ug/ml



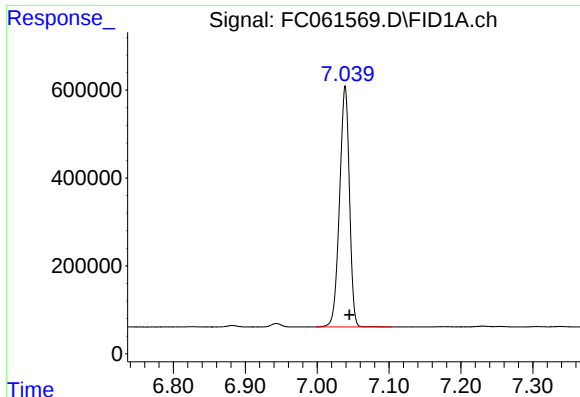
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.007 min
Response: 5212656
Conc: 30.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.007 min
Response: 5100759
Conc: 32.94 ug/ml



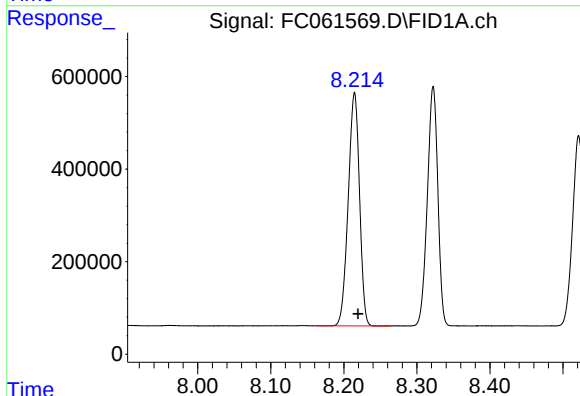
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 5229882
Conc: 29.70 ug/ml

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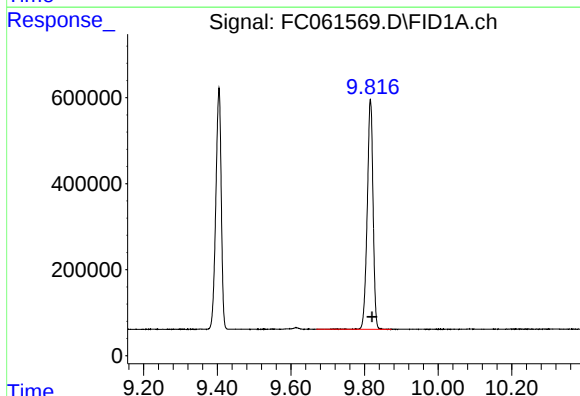
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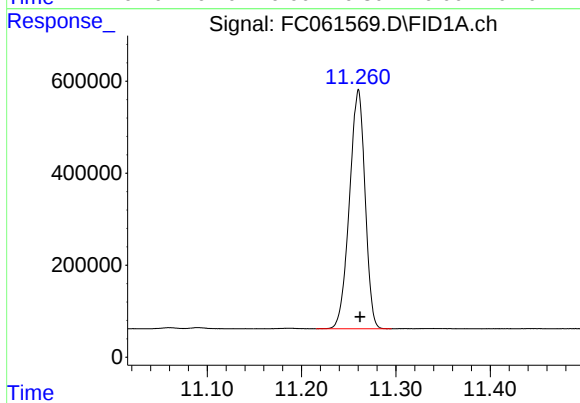
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 5417627
Conc: 34.64 ug/ml



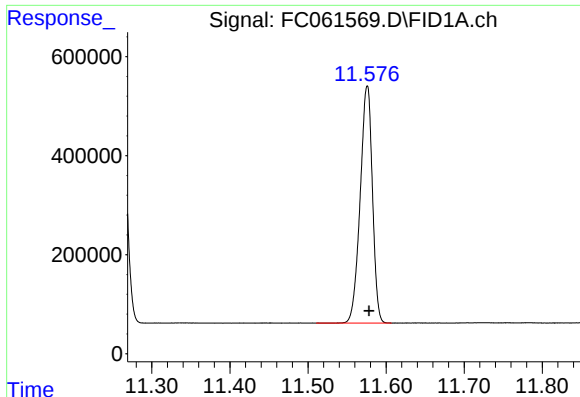
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.004 min
Response: 5853947
Conc: 37.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: -0.002 min
Response: 5981562
Conc: 37.91 ug/ml



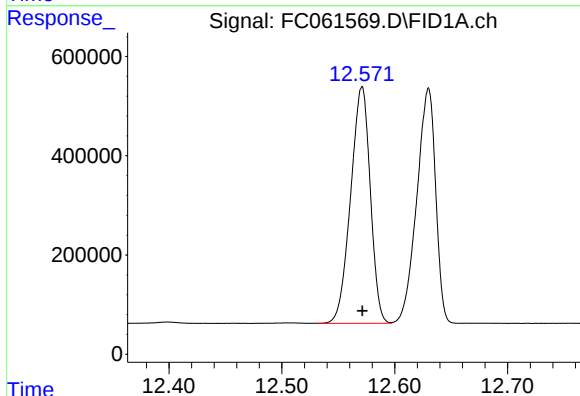
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: -0.003 min
Response: 5216142
Conc: 29.47 ug/ml

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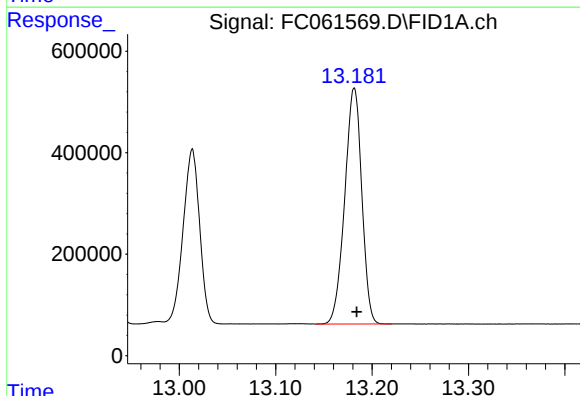
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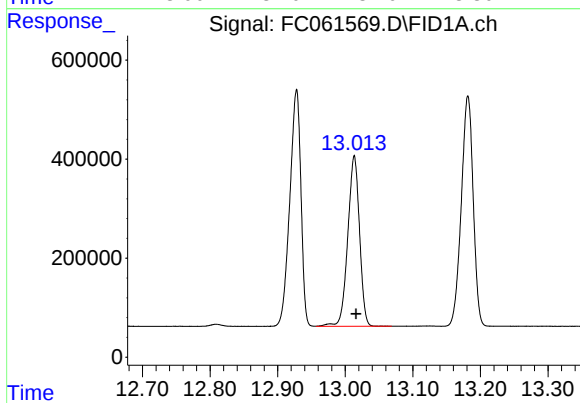
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 5770438
Conc: 37.12 ug/ml



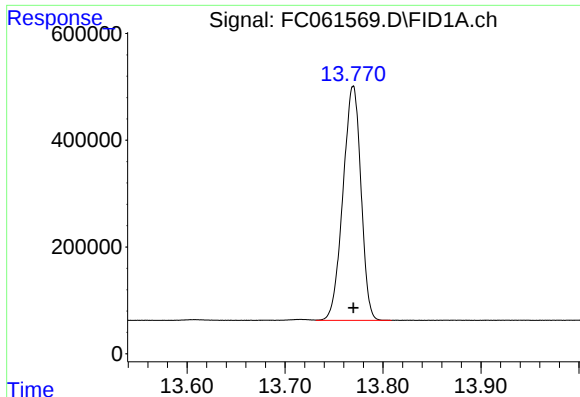
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: -0.003 min
Response: 5692042
Conc: 36.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.002 min
Response: 4155669
Conc: 29.67 ug/ml



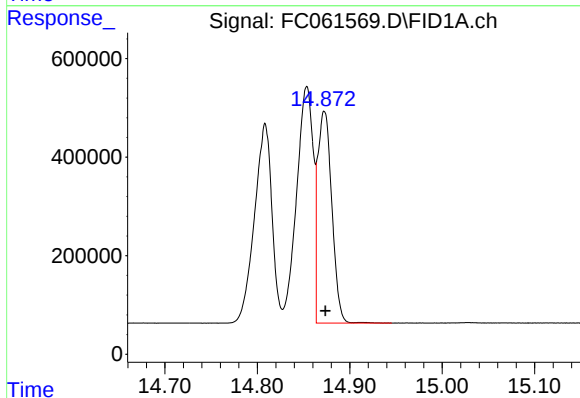
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: 0.000 min
Response: 5597140
Conc: 36.07 ug/ml

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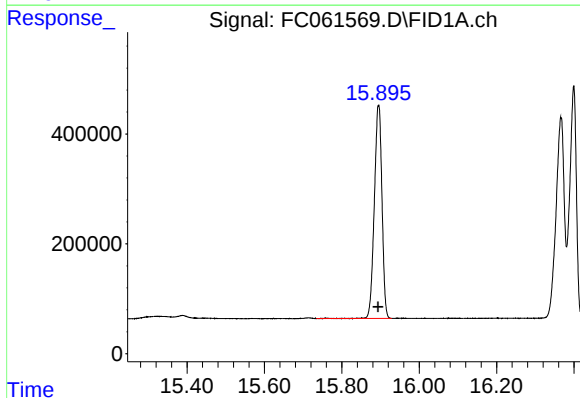
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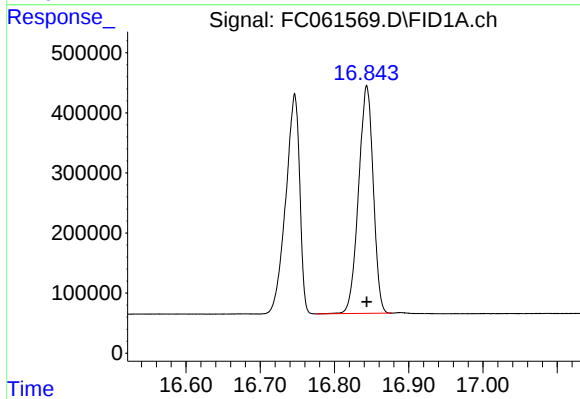
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.001 min
Response: 4558725
Conc: 29.47 ug/ml



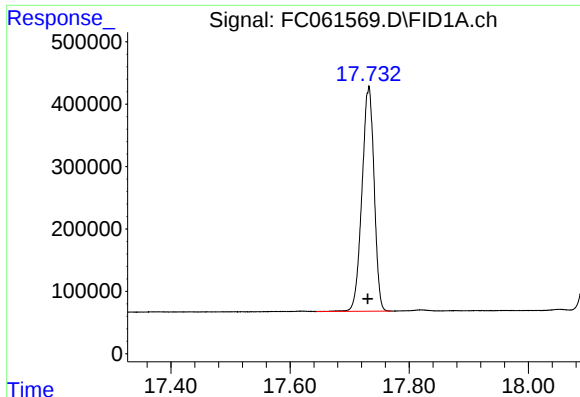
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.001 min
Response: 5324289
Conc: 35.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.000 min
Response: 5209807
Conc: 35.27 ug/ml



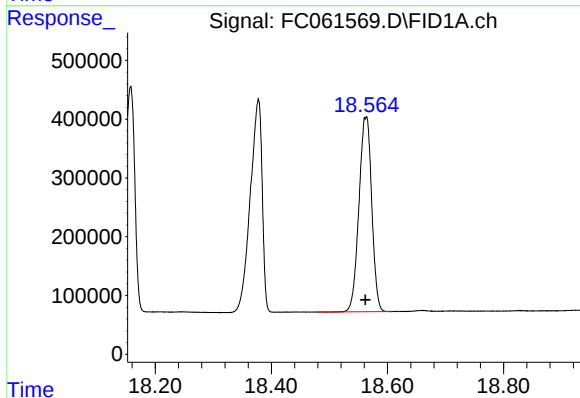
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.001 min
Response: 5094937
Conc: 36.89 ug/ml

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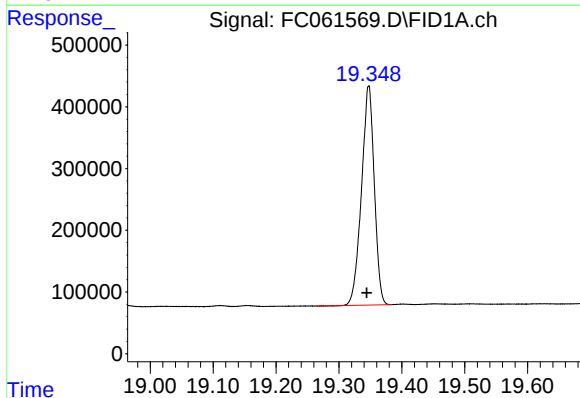
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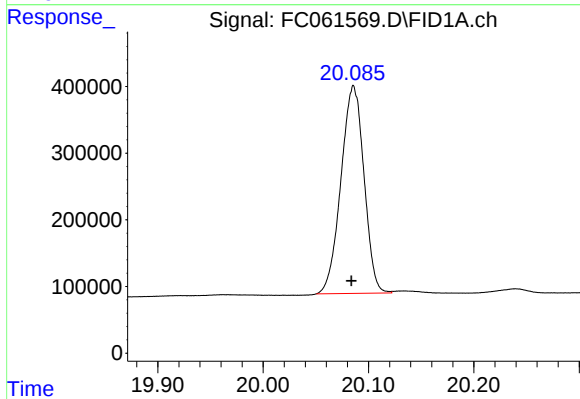
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: 0.000 min
Response: 5061380
Conc: 46.11 ug/ml



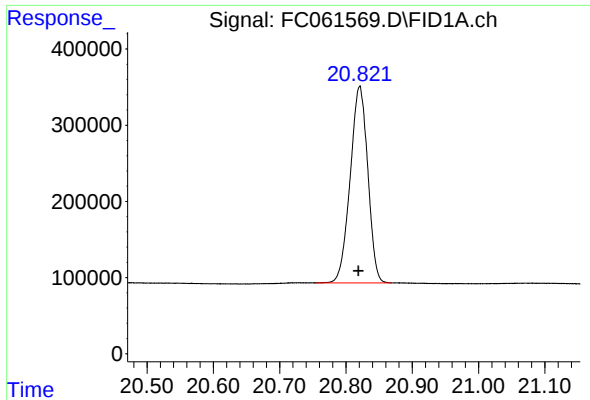
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.003 min
Response: 5021568
Conc: 65.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: 0.002 min
Response: 4731530
Conc: 83.81 ug/ml



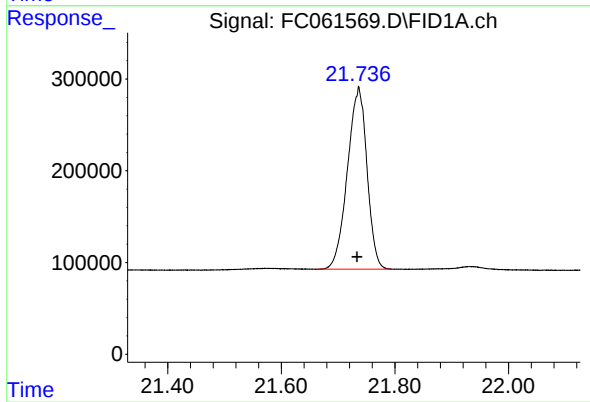
#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: 0.002 min
Response: 4768866
Conc: 102.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.736 min
Delta R.T.: 0.003 min
Response: 4729230
Conc: 112.75 ug/ml m