

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121322AL\
 Data File : FC062416.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2022 17:37
 Operator : YP/AJ
 Sample : PB149586BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB149586BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2022
 Supervised By :Ankita Jodhani 12/14/2022

Integration File: autoint1.e
 Quant Time: Dec 14 04:29:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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)	11.579	8249912	58.484 ug/ml
Spiked Amount 50.000		Recovery =	116.97%
12) S 1-chlorooctadecane (S...	13.014	6181440	57.996 ug/ml
Spiked Amount 50.000		Recovery =	115.99%
Target Compounds			
1) T n-Nonane (C9)	3.332	4833080	37.578 ug/ml
2) T n-Decane (C10)	4.398	5743512	46.170 ug/ml
3) T A~Naphthalene (C11.7)	5.982	7707514	54.316 ug/ml
4) T n-Dodecane (C12)	6.418	7304780	58.318 ug/ml
5) T A~2-methylnaphthalene...	7.042	7963083	61.932 ug/ml
6) T n-Tetradecane (C14)	8.219	7730288	63.475 ug/ml
7) T n-Hexadecane (C16)	9.819	7992748	63.679 ug/ml
8) T n-Octadecane (C18)	11.264	8111216	63.492 ug/ml
10) T n-Eicosane (C20)	12.574	7750616	62.308 ug/ml
11) T n-Heneicosane (C21)	13.183	7592849	61.443 ug/ml
13) T n-Docosane (C22)	13.771	7531033	61.997 ug/ml
14) T n-Tetracosane (C24)	14.872	4047021	33.763 ug/mlm
15) T n-Hexacosane (C26)	15.895	7104373	61.157 ug/ml
16) T n-Octacosane (C28)	16.840	6969902	61.325 ug/ml
17) T n-Tricontane (C30)	17.731	6724253	60.145 ug/ml
18) T n-Dotriacontane (C32)	18.559	6758579	60.823 ug/ml
19) T n-Tetratriacontane (C34)	19.338	6727053	62.182 ug/ml
20) T n-Hexatriacontane (C36)	20.077	6659099	65.591 ug/ml
21) T n-Octatriacontane (C38)	20.818	6706246	65.549 ug/ml
22) T n-Tetracontane (C40)	21.733	7039824	69.462 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB149586BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

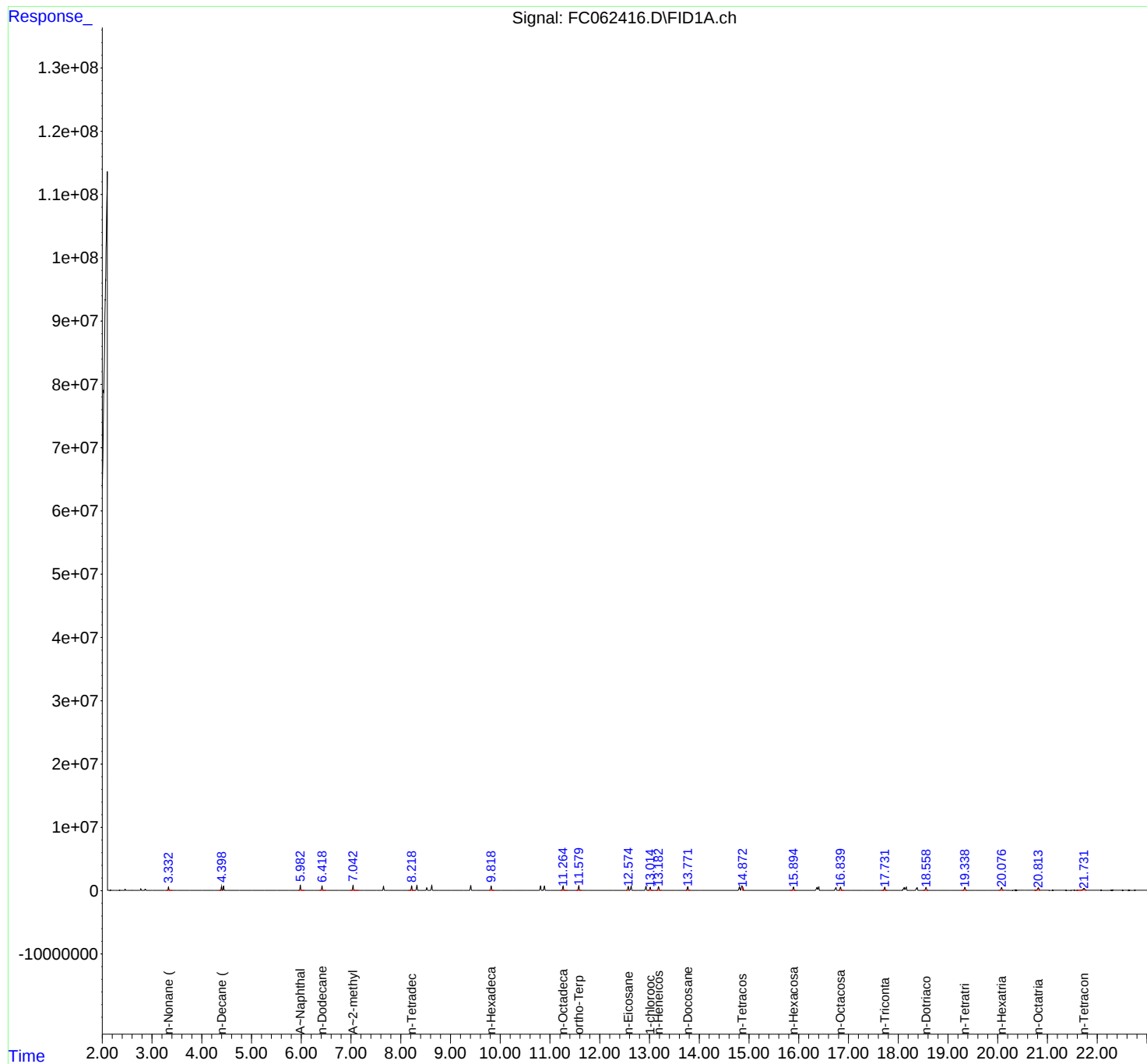
Instrument :
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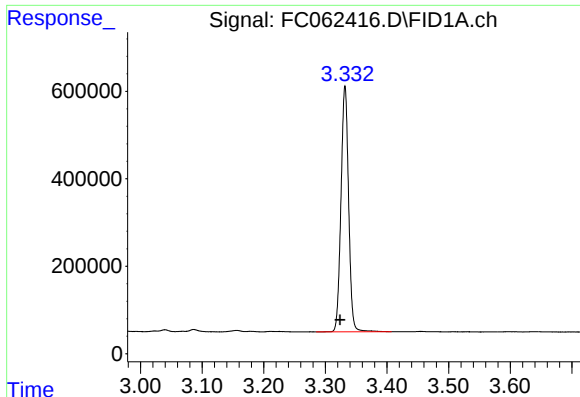
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.008 min
Response: 4833080
Conc: 37.58 ug/ml

Instrument :

FID_C

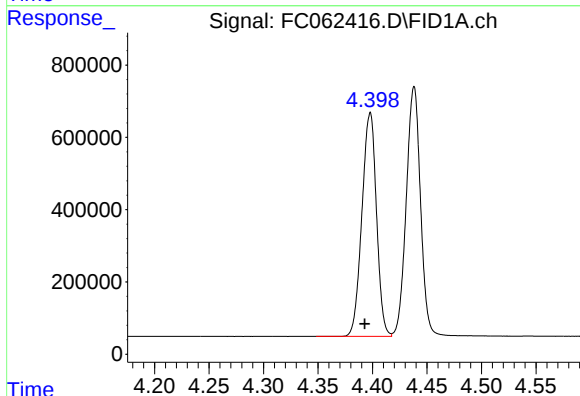
ClientSampleId :

PB149586BSD

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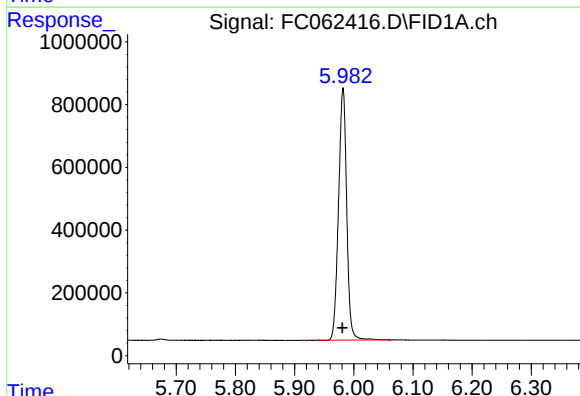
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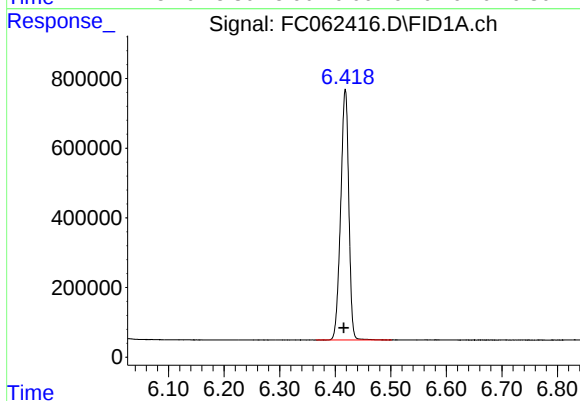
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: 0.005 min
Response: 5743512
Conc: 46.17 ug/ml



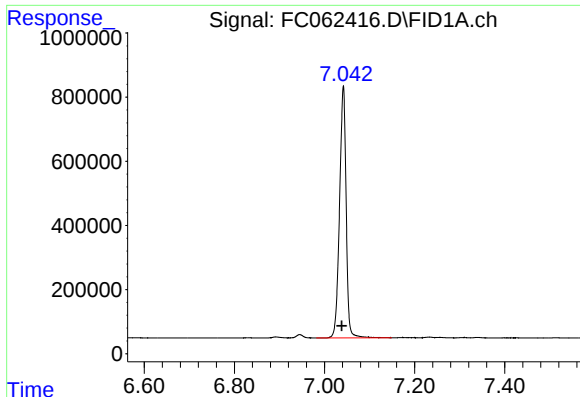
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.001 min
Response: 7707514
Conc: 54.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.418 min
Delta R.T.: 0.003 min
Response: 7304780
Conc: 58.32 ug/ml



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

R.T.: 7.042 min
Delta R.T.: 0.004 min
Response: 7963083
Conc: 61.93 ug/ml

Instrument :

FID_C

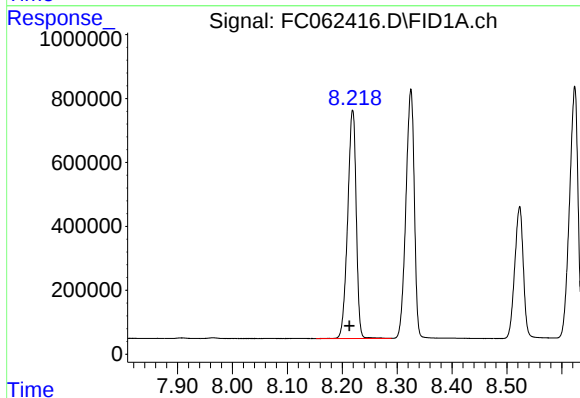
ClientSampleId :

PB149586BSD

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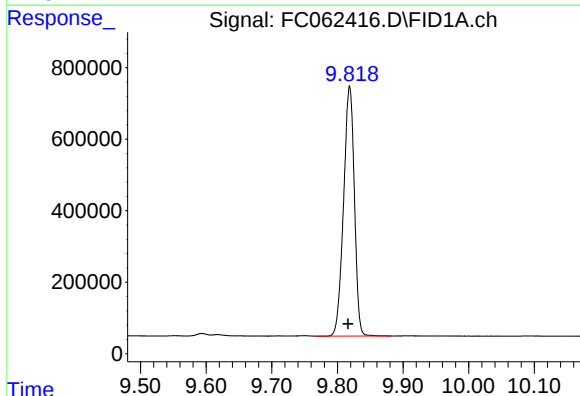
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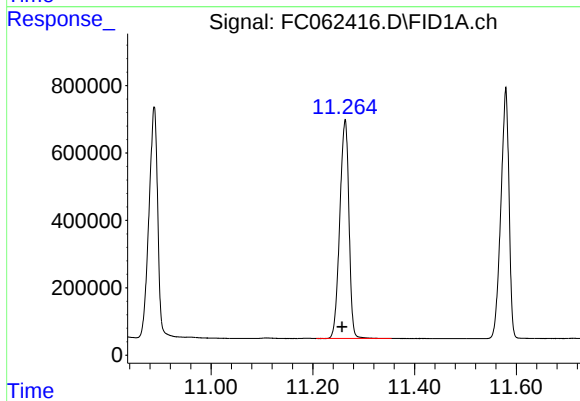
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: 0.006 min
Response: 7730288
Conc: 63.47 ug/ml



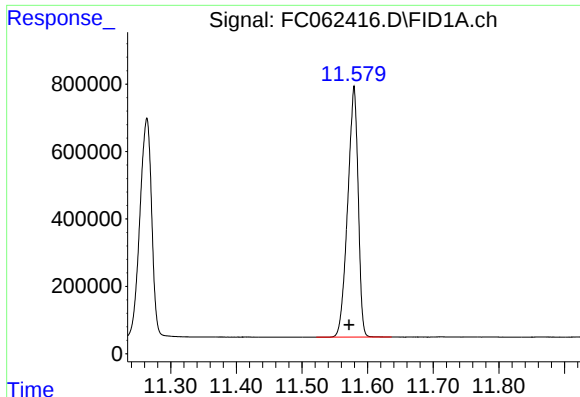
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: 0.003 min
Response: 7992748
Conc: 63.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: 0.006 min
Response: 8111216
Conc: 63.49 ug/ml



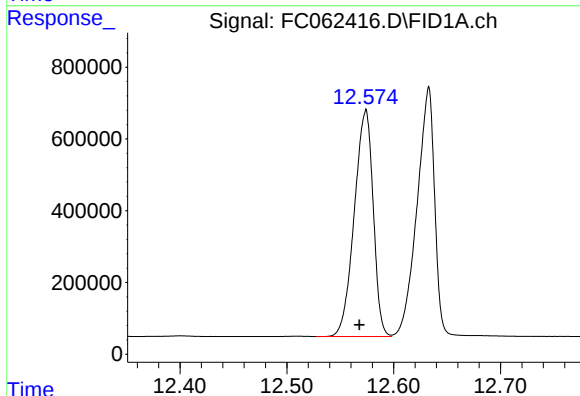
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: 0.008 min
Response: 8249912
Conc: 58.48 ug/ml

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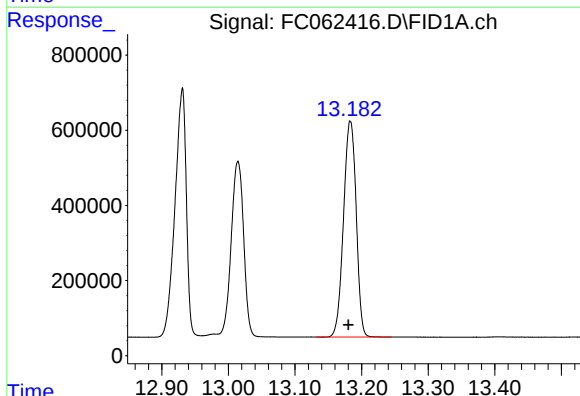
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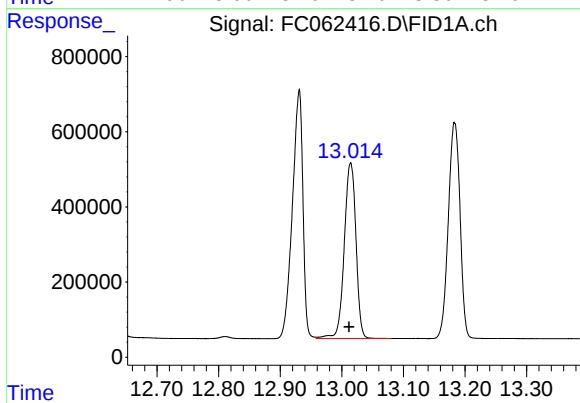
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: 0.006 min
Response: 7750616
Conc: 62.31 ug/ml



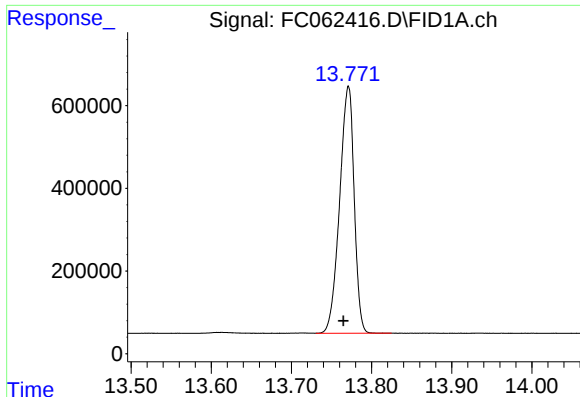
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: 0.003 min
Response: 7592849
Conc: 61.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.014 min
Delta R.T.: 0.003 min
Response: 6181440
Conc: 58.00 ug/ml



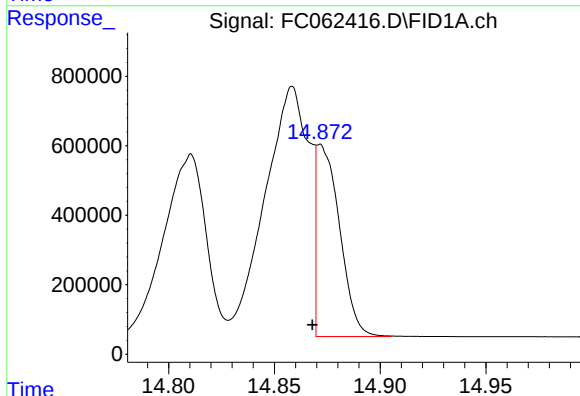
#13 n-Docosane (C22)

R.T.: 13.771 min
Delta R.T.: 0.006 min
Response: 7531033
Conc: 62.00 ug/ml

Instrument :
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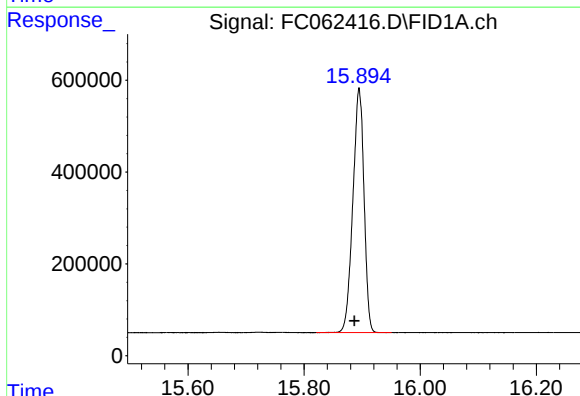
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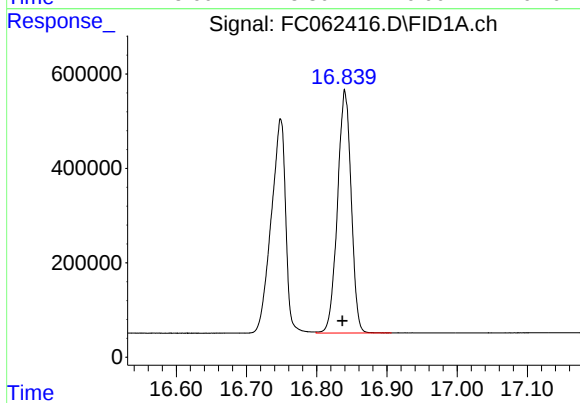
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: 0.004 min
Response: 4047021
Conc: 33.76 ug/ml m



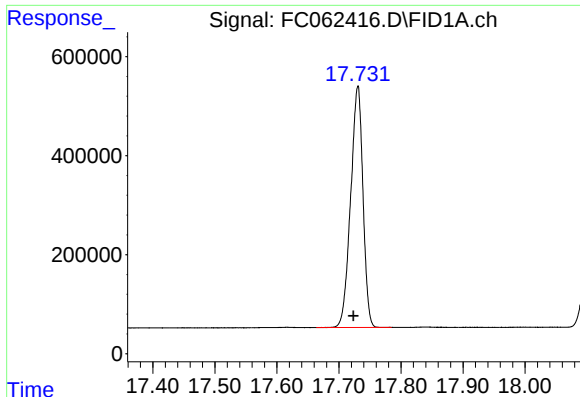
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: 0.008 min
Response: 7104373
Conc: 61.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.840 min
Delta R.T.: 0.004 min
Response: 6969902
Conc: 61.33 ug/ml



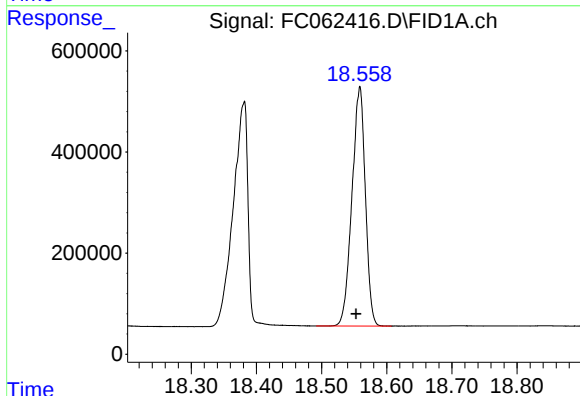
#17 n-Tricontane (C30)

R.T.: 17.731 min
Delta R.T.: 0.007 min
Response: 6724253
Conc: 60.15 ug/ml

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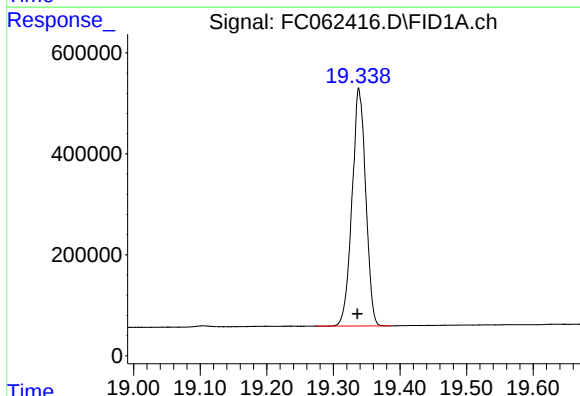
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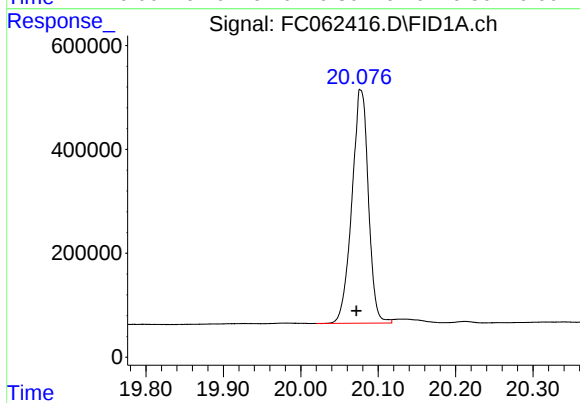
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: 0.006 min
Response: 6758579
Conc: 60.82 ug/ml



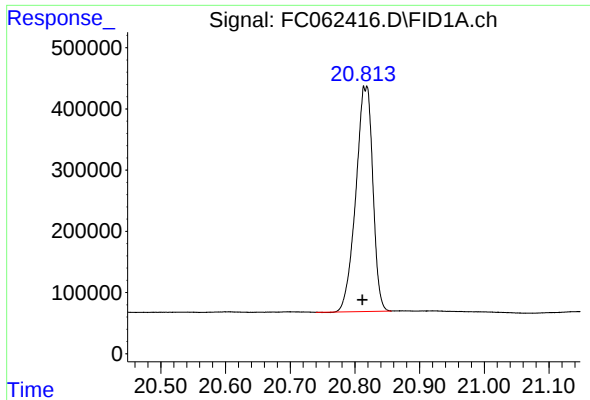
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.002 min
Response: 6727053
Conc: 62.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.006 min
Response: 6659099
Conc: 65.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: 0.007 min
Response: 6706246
Conc: 65.55 ug/ml

Instrument :

FID_C

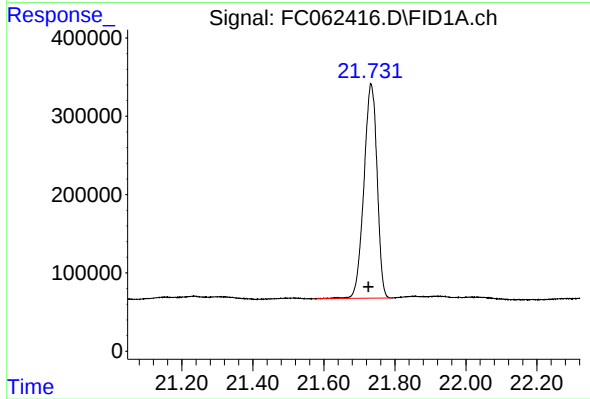
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#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: 0.007 min
Response: 7039824
Conc: 69.46 ug/ml