

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091922AL\
 Data File : FC061568.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2022 22:26
 Operator : YP/AJ
 Sample : N4656-40MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SP-4HMS

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 05:10:18 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)	11.577	5220579	29.490 ug/ml
Spiked Amount 50.000		Recovery =	58.98%
12) S 1-chlorooctadecane (S...	13.015	4153333	29.656 ug/ml
Spiked Amount 50.000		Recovery =	59.31%
Target Compounds			
1) T n-Nonane (C9)	3.326	4167950	27.568 ug/ml
2) T n-Decane (C10)	4.396	4707728	31.025 ug/ml
3) T A~Naphthalene (C11.7)	5.982	5223450	30.176 ug/ml
4) T n-Dodecane (C12)	6.415	5105184	32.964 ug/ml
5) T A~2-methylnaphthalene...	7.040	5229910	29.701 ug/ml
6) T n-Tetradecane (C14)	8.216	5421860	34.663 ug/ml
7) T n-Hexadecane (C16)	9.818	5834870	37.252 ug/ml
8) T n-Octadecane (C18)	11.261	5986789	37.947 ug/ml
10) T n-Eicosane (C20)	12.572	5777298	37.163 ug/ml
11) T n-Heneicosane (C21)	13.184	5692237	36.391 ug/ml
13) T n-Docosane (C22)	13.770	5605380	36.122 ug/ml
14) T n-Tetracosane (C24)	14.873	4634415	29.957 ug/ml
15) T n-Hexacosane (C26)	15.896	5330874	35.420 ug/ml
16) T n-Octacosane (C28)	16.844	5208680	35.264 ug/ml
17) T n-Tricontane (C30)	17.732	5098922	36.917 ug/ml
18) T n-Dotriacontane (C32)	18.565	5062438	46.121 ug/ml
19) T n-Tetratriacontane (C34)	19.348	5041251	65.312 ug/ml
20) T n-Hexatriacontane (C36)	20.088	4753846	84.201 ug/ml
21) T n-Octatriacontane (C38)	20.821	4738363	102.139 ug/mlm
22) T n-Tetracontane (C40)	21.737	4768119	113.679 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : N4656-40MS
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ALS Vial : 13 Sample Multiplier: 1

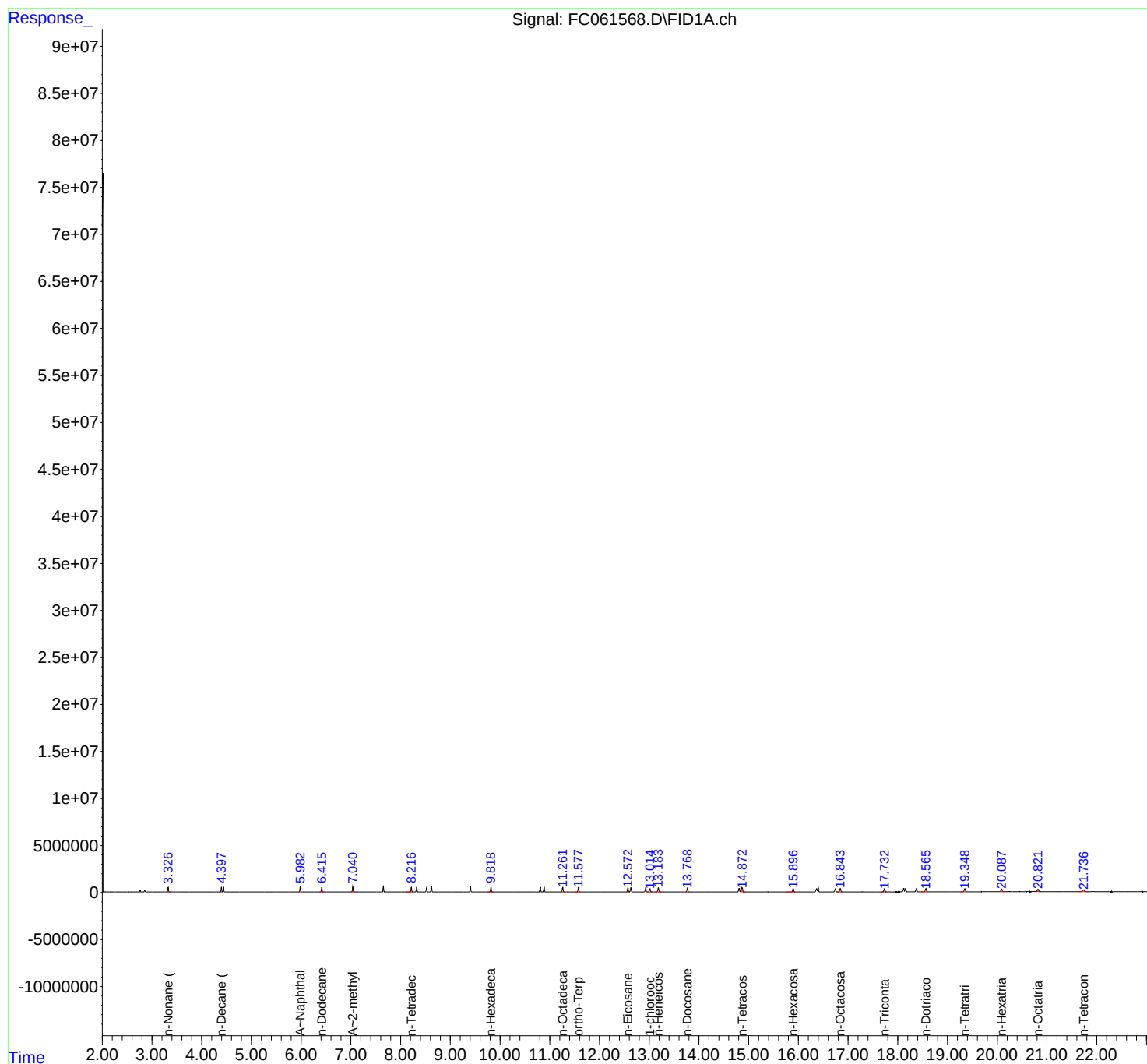
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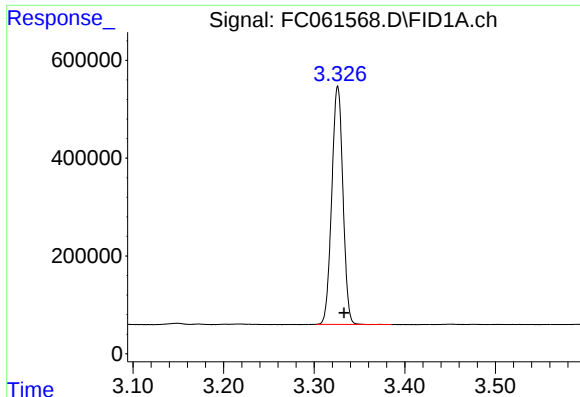
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#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.007 min
Response: 4167950
Conc: 27.57 ug/ml

Instrument :

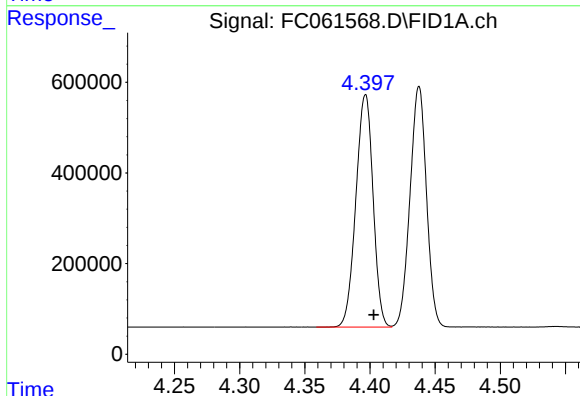
FID_C

ClientSampleId :

SP-4HMS

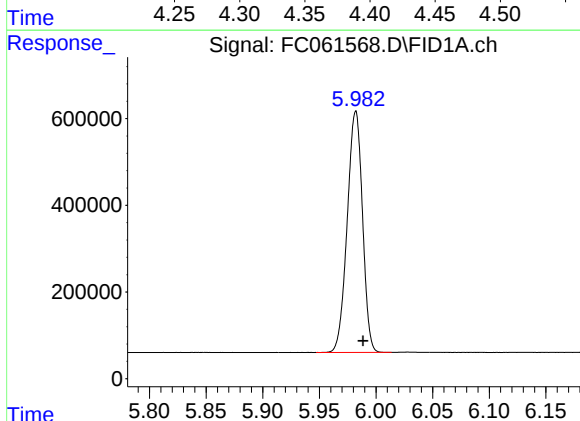
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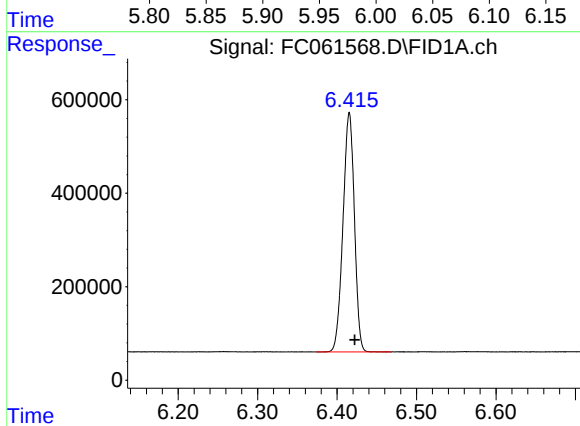
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.006 min
Response: 4707728
Conc: 31.03 ug/ml



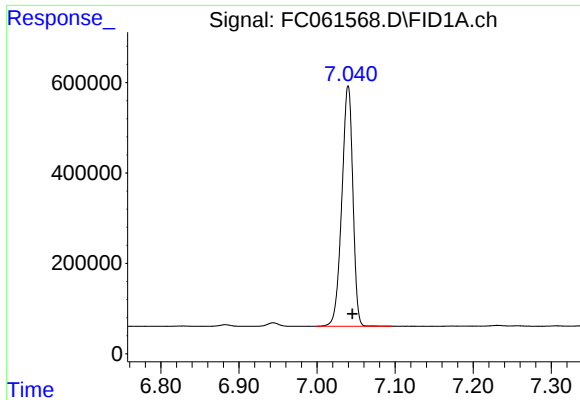
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.007 min
Response: 5223450
Conc: 30.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.007 min
Response: 5105184
Conc: 32.96 ug/ml



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

R.T.: 7.040 min
Delta R.T.: -0.005 min
Response: 5229910
Conc: 29.70 ug/ml

Instrument :

FID_C

ClientSampleId :

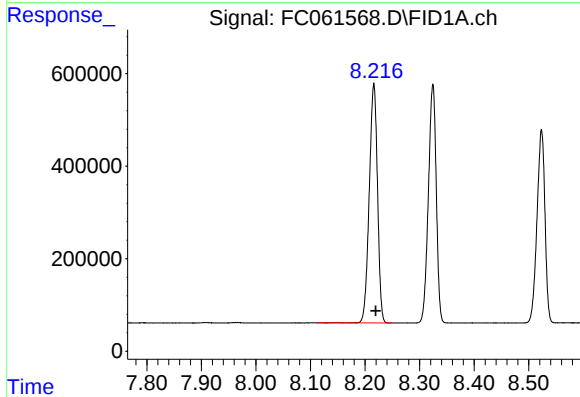
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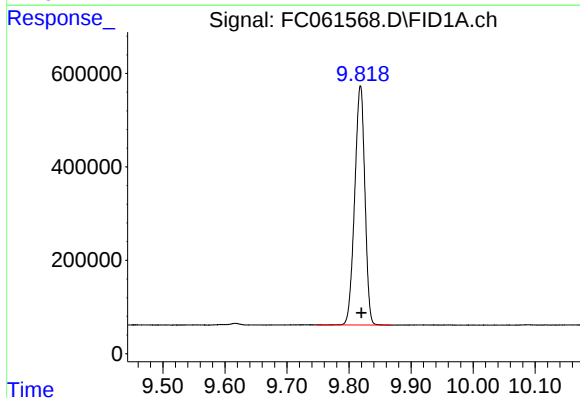
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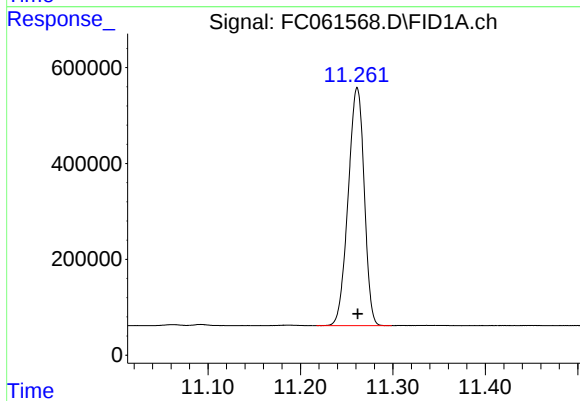
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.004 min
Response: 5421860
Conc: 34.66 ug/ml



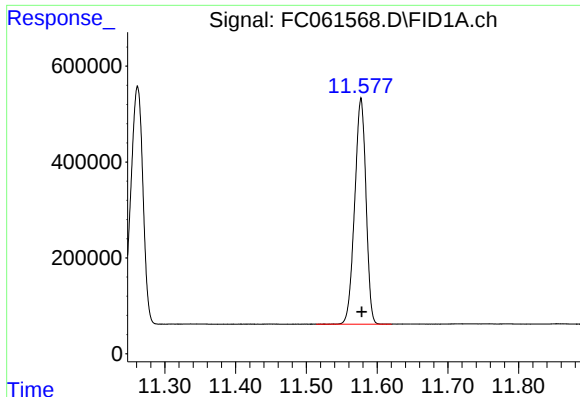
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: -0.002 min
Response: 5834870
Conc: 37.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.261 min
Delta R.T.: 0.000 min
Response: 5986789
Conc: 37.95 ug/ml



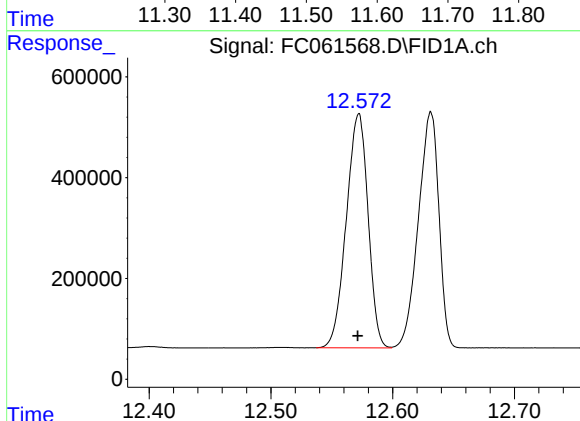
#9 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: -0.001 min
Response: 5220579
Conc: 29.49 ug/ml

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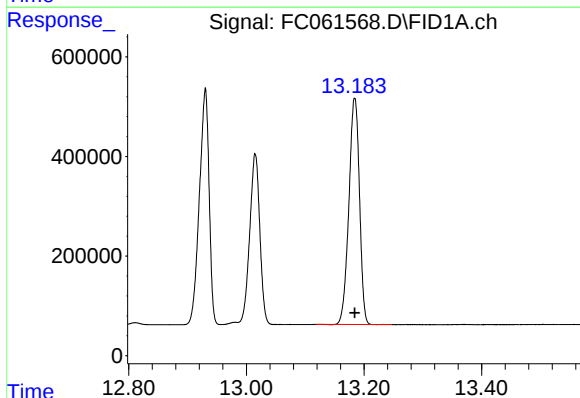
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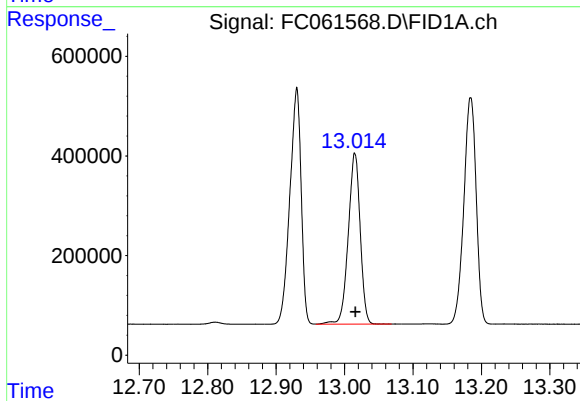
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 5777298
Conc: 37.16 ug/ml



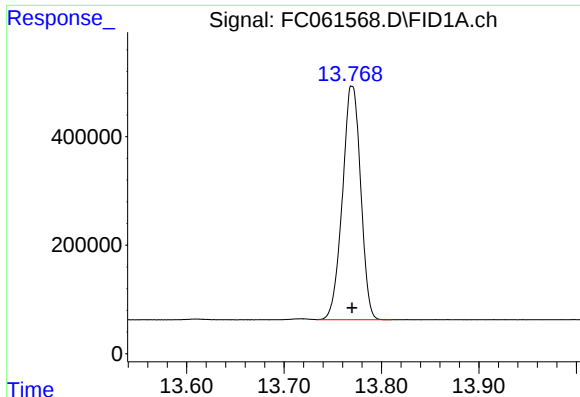
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.000 min
Response: 5692237
Conc: 36.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: 0.000 min
Response: 4153333
Conc: 29.66 ug/ml



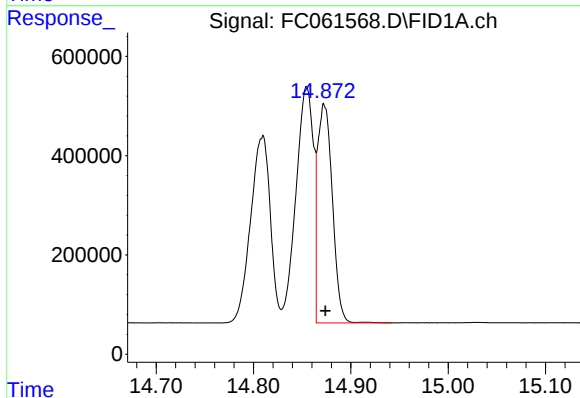
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: 0.000 min
Response: 5605380
Conc: 36.12 ug/ml

Instrument :
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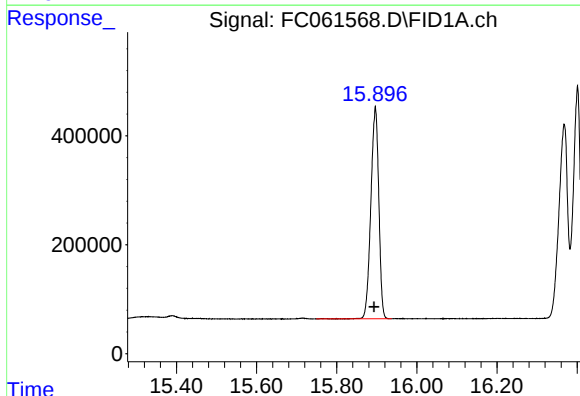
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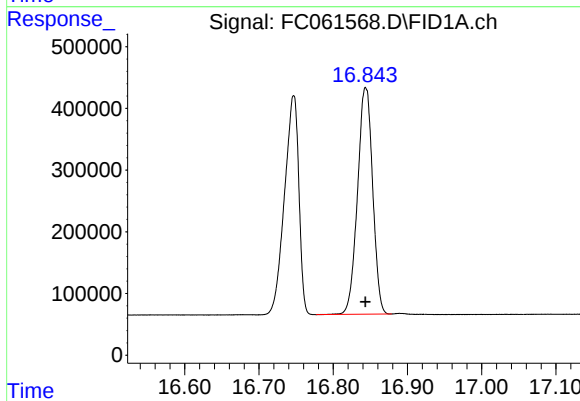
#14 n-Tetracosane (C24)

R.T.: 14.873 min
Delta R.T.: -0.001 min
Response: 4634415
Conc: 29.96 ug/ml



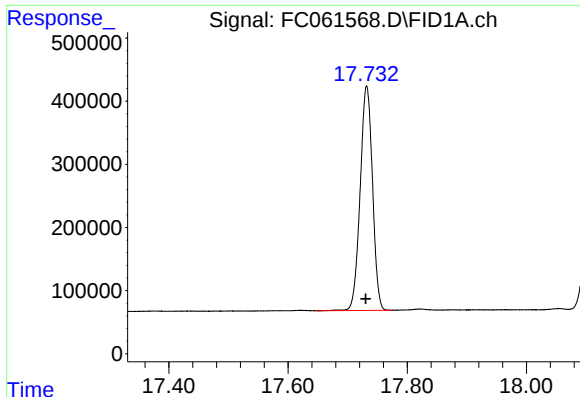
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: 0.003 min
Response: 5330874
Conc: 35.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.000 min
Response: 5208680
Conc: 35.26 ug/ml



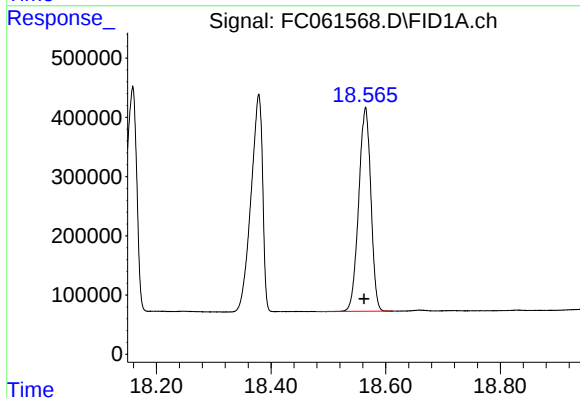
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.001 min
Response: 5098922
Conc: 36.92 ug/ml

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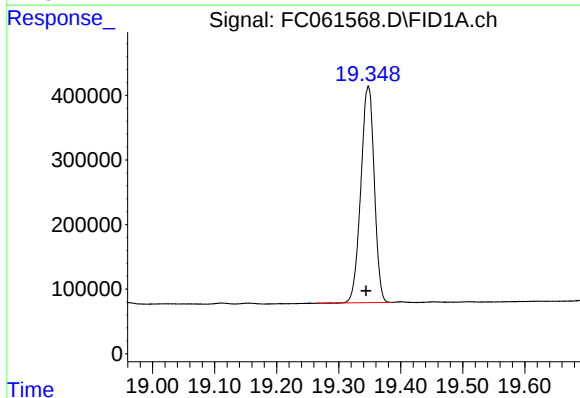
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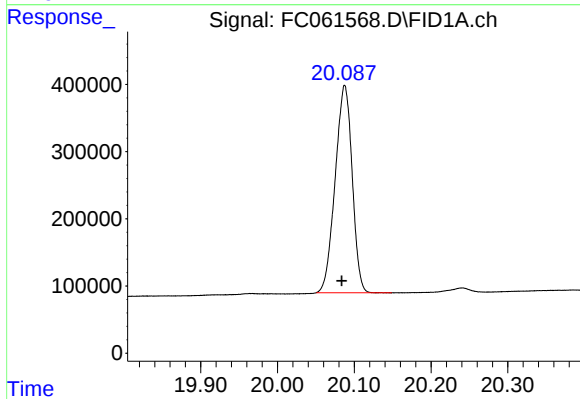
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: 0.002 min
Response: 5062438
Conc: 46.12 ug/ml



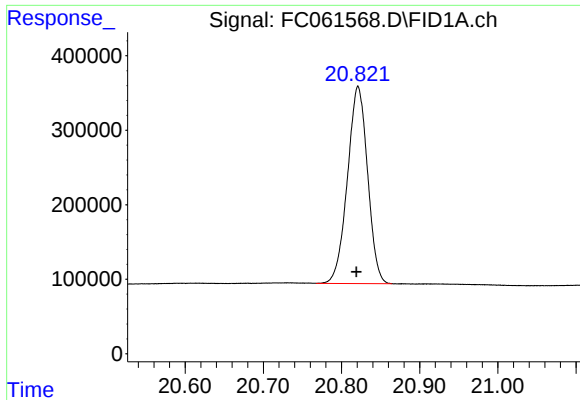
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: 0.003 min
Response: 5041251
Conc: 65.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.088 min
Delta R.T.: 0.004 min
Response: 4753846
Conc: 84.20 ug/ml



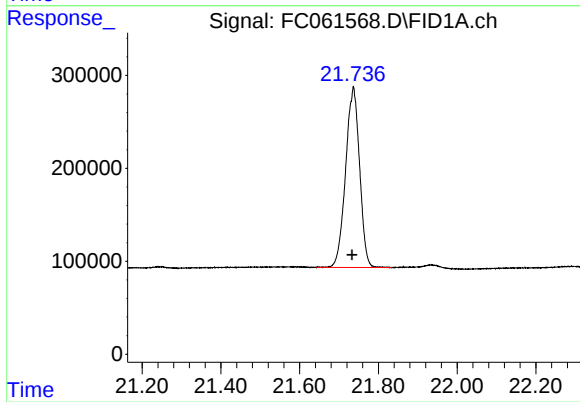
#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: 0.002 min
Response: 4738363
Conc: 102.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: 0.003 min
Response: 4768119
Conc: 113.68 ug/ml