

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120524AL\
 Data File : FC067921.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2024 17:52
 Operator : YP/AJ
 Sample : P5095-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

MH-764MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/09/2024

Supervised By :Ankita Jodhani 12/09/2024

Integration File: sample.E
 Quant Time: Dec 06 00:21:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 14 14:13:15 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)	11.475	4925391	25.405 ug/ml
Spiked Amount 50.000		Recovery =	50.81%
12) S 1-chlorooctadecane (S...	12.914	3998310	27.544 ug/ml
Spiked Amount 50.000		Recovery =	55.09%
Target Compounds			
1) T n-Nonane (C9)	3.258	4871474	29.865 ug/ml
2) T n-Decane (C10)	4.319	5538885	33.401 ug/ml
3) T A~Naphthalene (C11.7)	5.892	6621905	36.154 ug/mlm
4) T n-Dodecane (C12)	6.332	6320463	37.526 ug/ml
5) T A~2-methylnaphthalene...	6.948	6465533	36.456 ug/ml
6) T n-Tetradecane (C14)	8.127	7025112	41.948 ug/ml
7) T n-Hexadecane (C16)	9.725	7160024	41.316 ug/ml
8) T n-Octadecane (C18)	11.166	7073332	40.203 ug/ml
10) T n-Eicosane (C20)	12.473	7017515	41.675 ug/ml
11) T n-Heneicosane (C21)	13.085	6636442	40.334 ug/ml
13) T n-Docosane (C22)	13.670	6513762	39.998 ug/ml
14) T n-Tetracosane (C24)	14.742	12635856	78.786 ug/mlm
15) T n-Hexacosane (C26)	15.793	6058437	39.122 ug/ml
16) T n-Octacosane (C28)	16.741	5902929	39.086 ug/ml
17) T n-Tricontane (C30)	17.628	5834552	38.107 ug/ml
18) T n-Dotriacontane (C32)	18.459	5678359	38.447 ug/ml
19) T n-Tetratriacontane (C34)	19.241	5626836	44.611 ug/ml
20) T n-Hexatriacontane (C36)	19.981	5439608	52.010 ug/ml
21) T n-Octatriacontane (C38)	20.701	5416793	55.452 ug/ml
22) T n-Tetracontane (C40)	21.581	5440590	55.820 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P5095-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

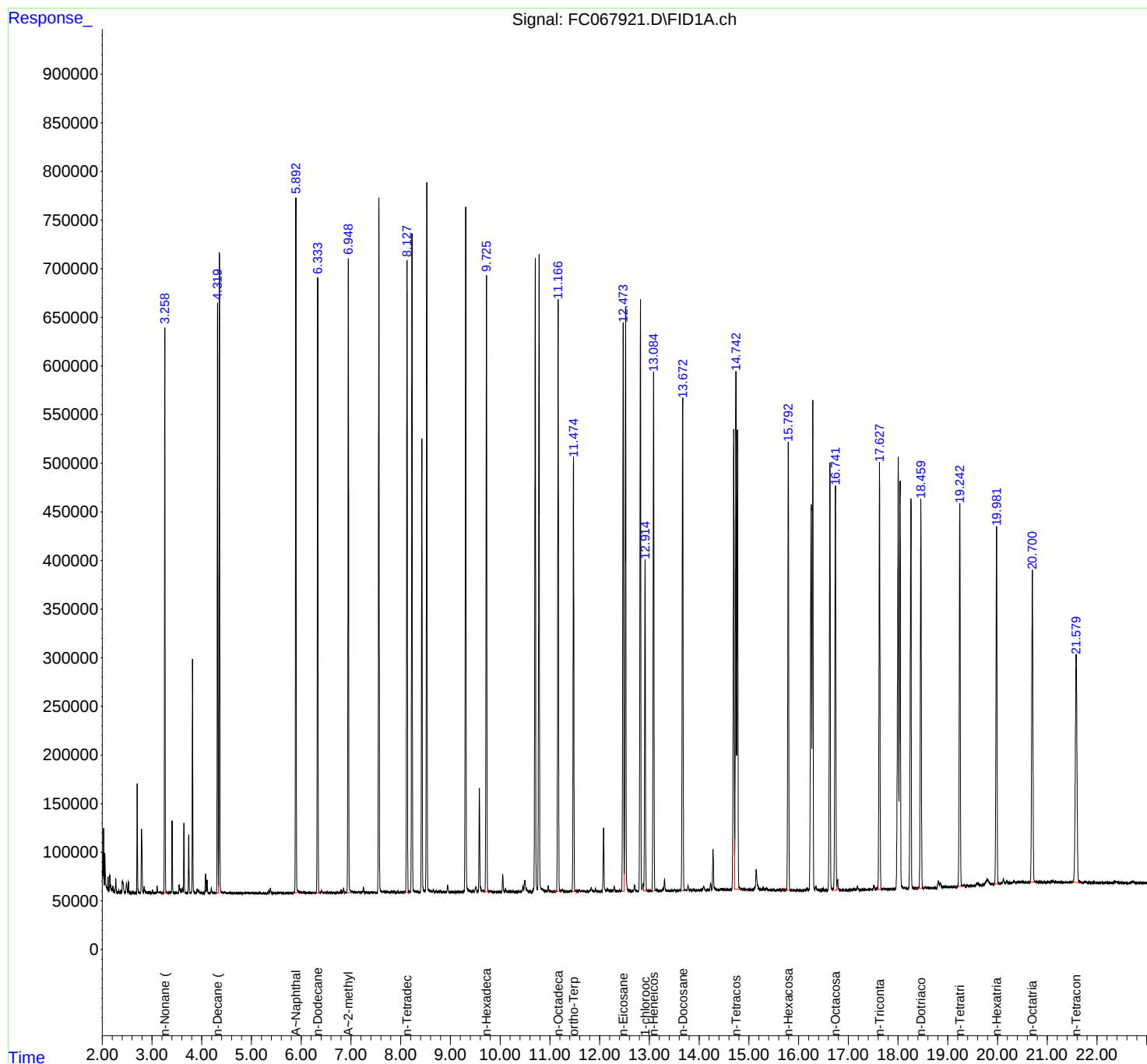
Instrument :
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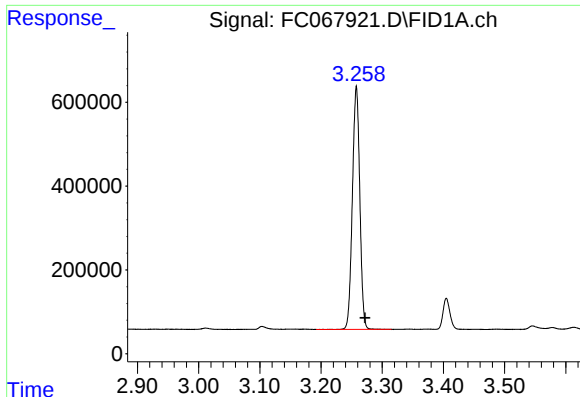
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#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.014 min
Response: 4871474
Conc: 29.87 ug/ml

Instrument :

FID_C

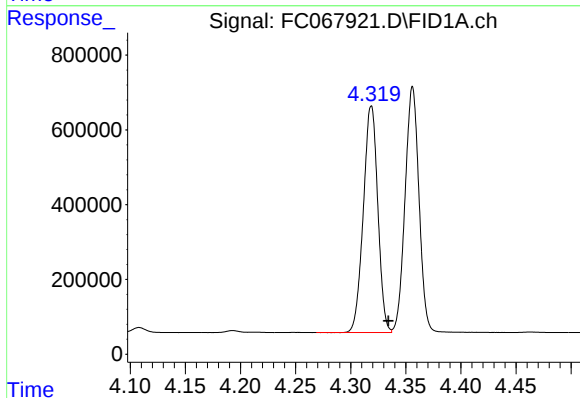
ClientSampleId :

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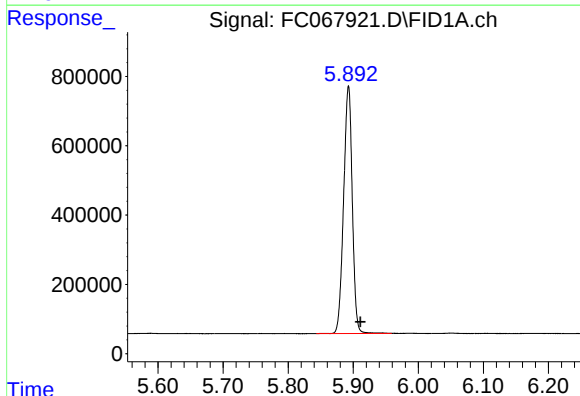
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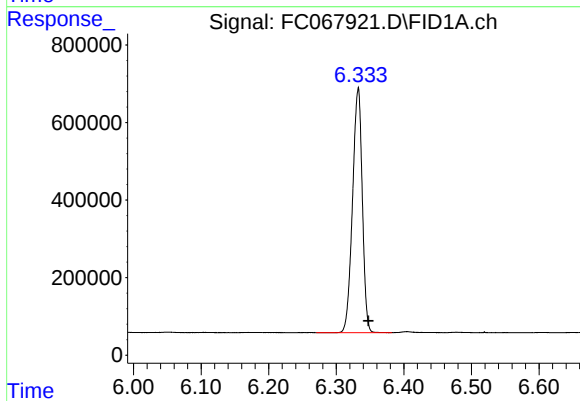
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.016 min
Response: 5538885
Conc: 33.40 ug/ml



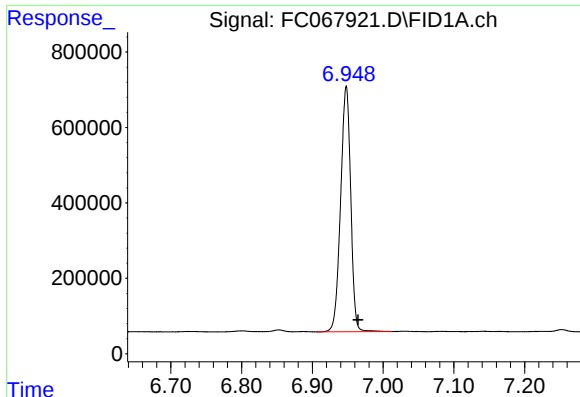
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.018 min
Response: 6621905
Conc: 36.15 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: -0.015 min
Response: 6320463
Conc: 37.53 ug/ml



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

R.T.: 6.948 min
Delta R.T.: -0.017 min
Response: 6465533
Conc: 36.46 ug/ml

Instrument :

FID_C

ClientSampleId :

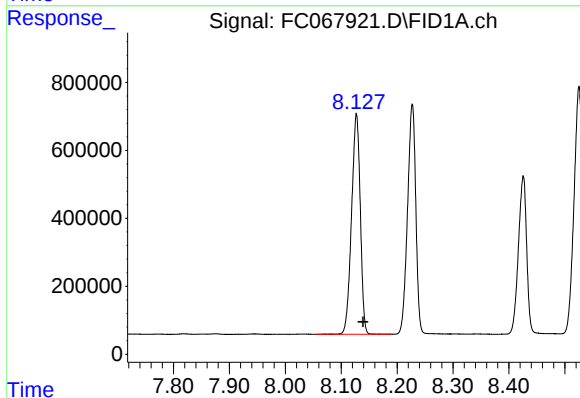
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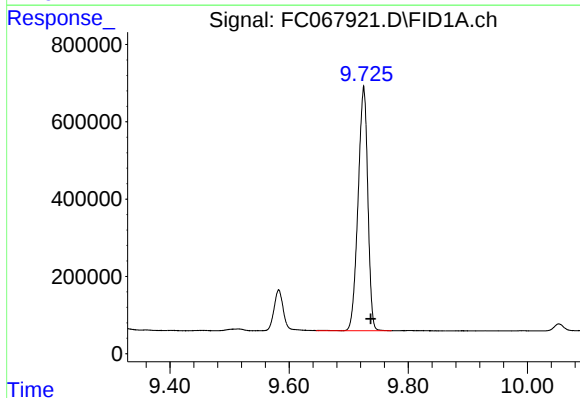
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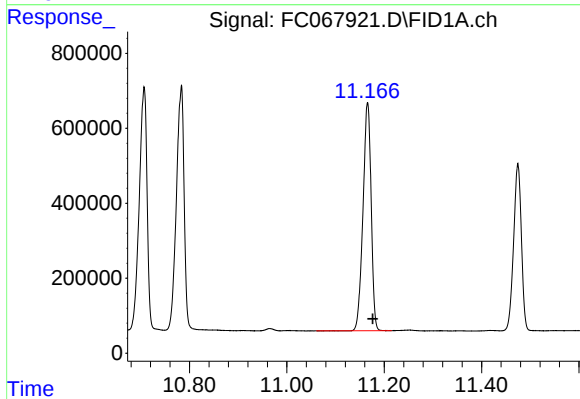
#6 n-Tetradecane (C14)

R.T.: 8.127 min
Delta R.T.: -0.012 min
Response: 7025112
Conc: 41.95 ug/ml



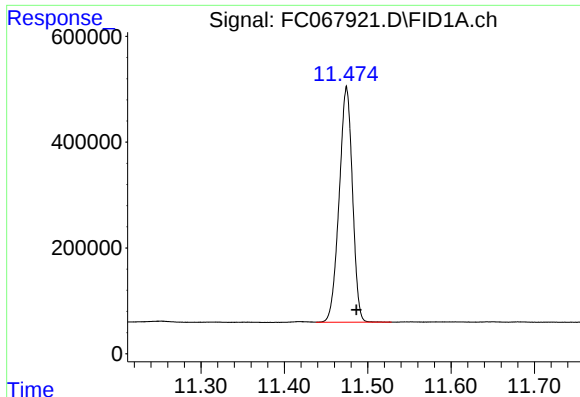
#7 n-Hexadecane (C16)

R.T.: 9.725 min
Delta R.T.: -0.012 min
Response: 7160024
Conc: 41.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.166 min
Delta R.T.: -0.010 min
Response: 7073332
Conc: 40.20 ug/ml



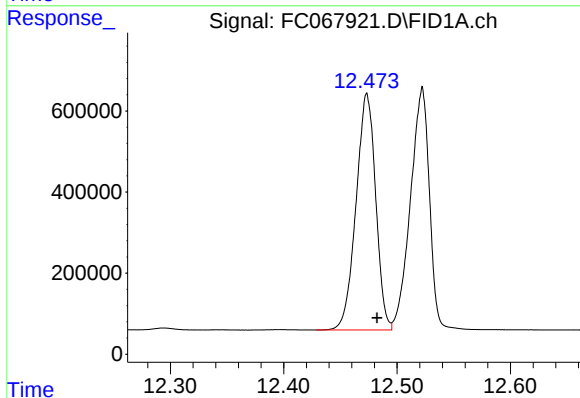
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.012 min
Response: 4925391
Conc: 25.40 ug/ml

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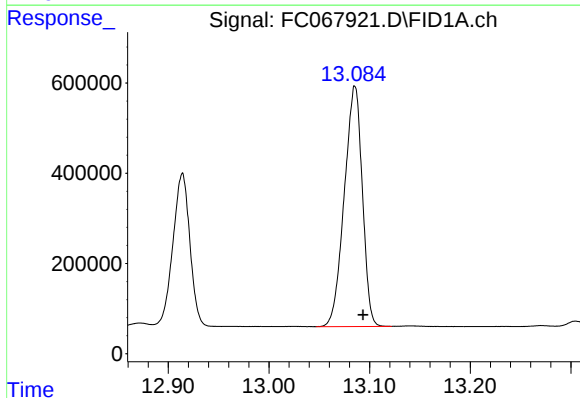
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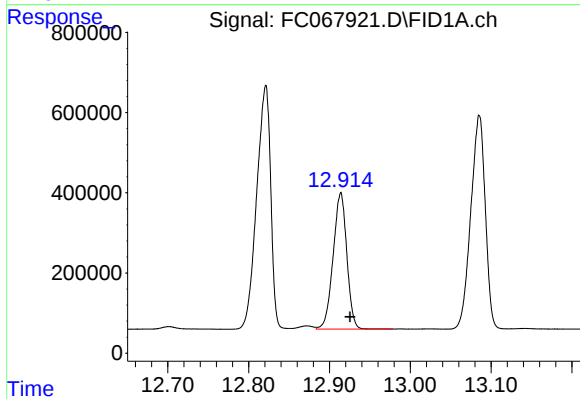
#10 n-Eicosane (C20)

R.T.: 12.473 min
Delta R.T.: -0.009 min
Response: 7017515
Conc: 41.68 ug/ml



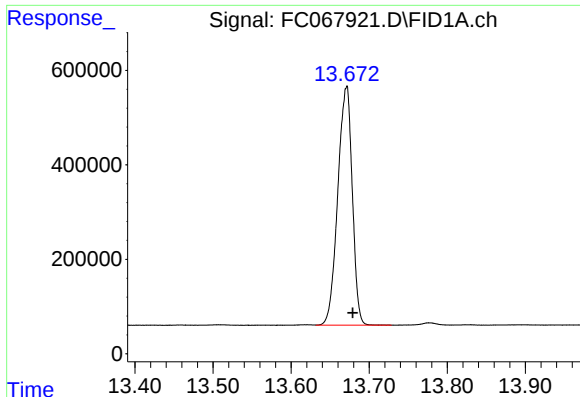
#11 n-Heneicosane (C21)

R.T.: 13.085 min
Delta R.T.: -0.008 min
Response: 6636442
Conc: 40.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: -0.012 min
Response: 3998310
Conc: 27.54 ug/ml



#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: -0.008 min
Response: 6513762
Conc: 40.00 ug/ml

Instrument :

FID_C

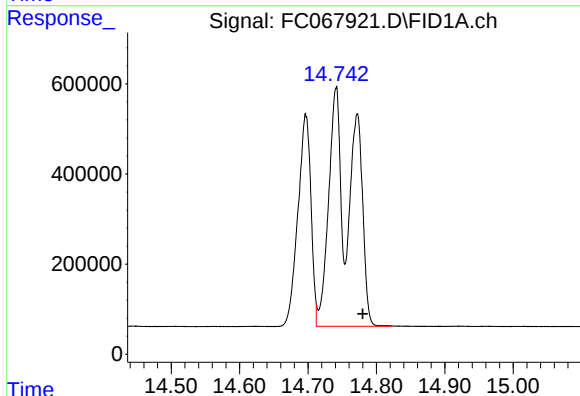
ClientSampleId :

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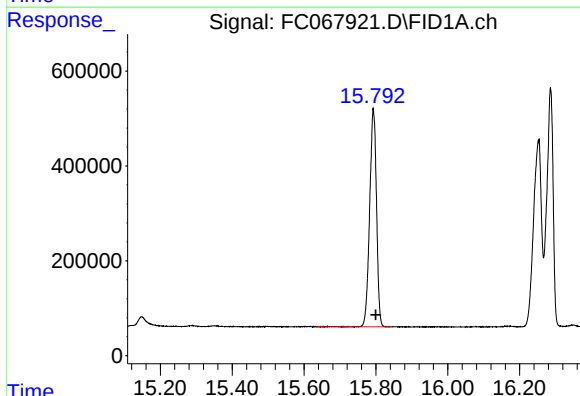
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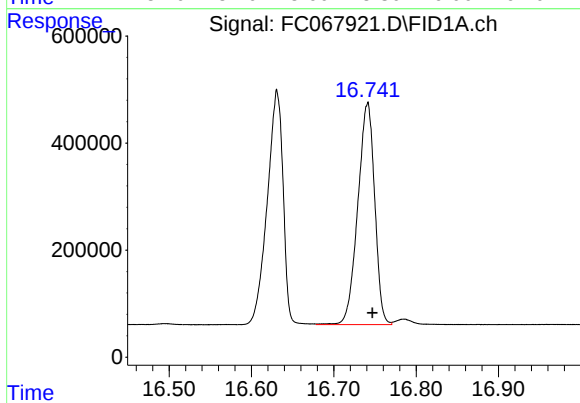
#14 n-Tetracosane (C24)

R.T.: 14.742 min
Delta R.T.: -0.038 min
Response: 12635856
Conc: 78.79 ug/ml m



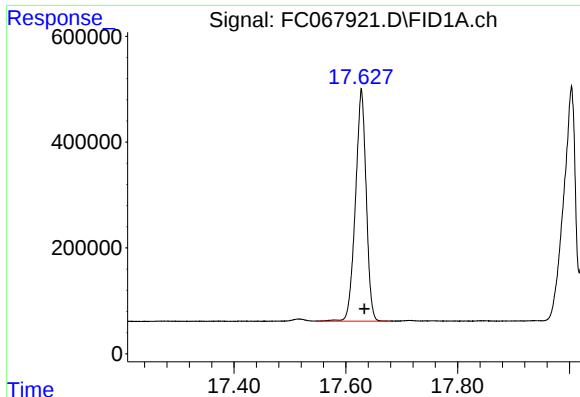
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: -0.006 min
Response: 6058437
Conc: 39.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.741 min
Delta R.T.: -0.006 min
Response: 5902929
Conc: 39.09 ug/ml



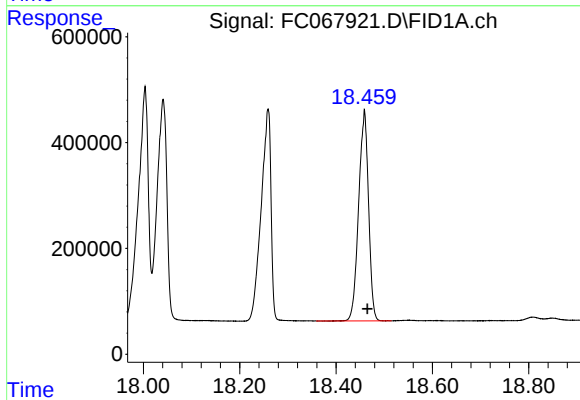
#17 n-Tricontane (C30)

R.T.: 17.628 min
Delta R.T.: -0.005 min
Response: 5834552
Conc: 38.11 ug/ml

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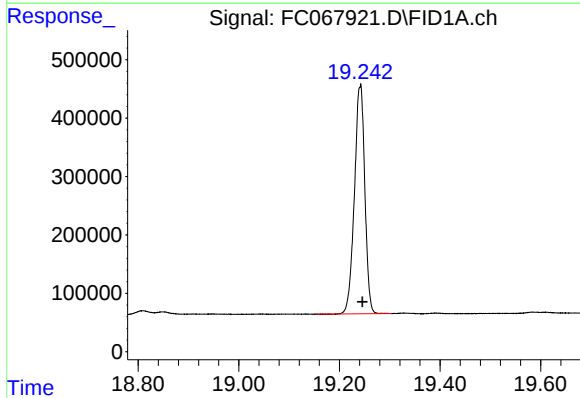
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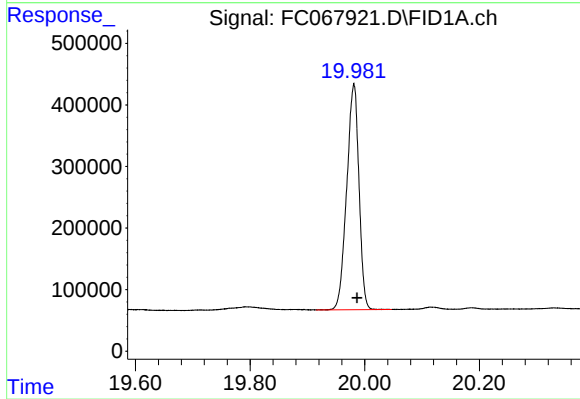
#18 n-Dotriacontane (C32)

R.T.: 18.459 min
Delta R.T.: -0.006 min
Response: 5678359
Conc: 38.45 ug/ml



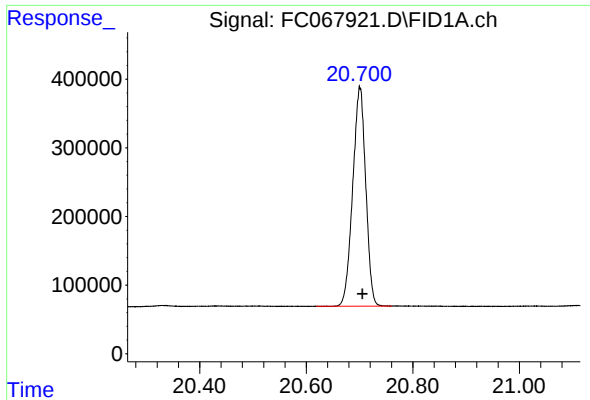
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min
Delta R.T.: -0.004 min
Response: 5626836
Conc: 44.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.981 min
Delta R.T.: -0.005 min
Response: 5439608
Conc: 52.01 ug/ml



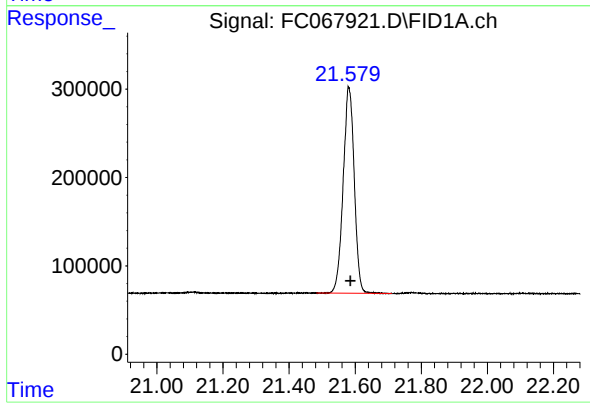
#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.005 min
Response: 5416793
Conc: 55.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.581 min
Delta R.T.: -0.005 min
Response: 5440590
Conc: 55.82 ug/ml