

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
 Data File : FC066511.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jun 2024 10:51
 Operator : YP/AJ
 Sample : PB161233BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161233BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/04/2024
 Supervised By :Ankita Jodhani 06/04/2024

Integration File: autoint1.e
 Quant Time: Jun 04 04:05:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.558	5498680	36.176 ug/ml
Spiked Amount 50.000		Recovery =	72.35%
12) S 1-chlorooctadecane (S...	12.997	4366833	38.215 ug/ml
Spiked Amount 50.000		Recovery =	76.43%
Target Compounds			
1) T n-Nonane (C9)	3.328	5231334	37.379 ug/ml
2) T n-Decane (C10)	4.389	5513708	38.320 ug/ml
3) T A~Naphthalene (C11.7)	5.968	6453665	40.499 ug/ml
4) T n-Dodecane (C12)	6.403	5453569	37.873 ug/ml
5) T A~2-methylnaphthalene...	7.025	6410490	41.799 ug/ml
6) T n-Tetradecane (C14)	8.200	5626481	39.855 ug/ml
7) T n-Hexadecane (C16)	9.801	5661654	39.395 ug/ml
8) T n-Octadecane (C18)	11.244	5602793	39.151 ug/ml
10) T n-Eicosane (C20)	12.554	5574877	40.972 ug/ml
11) T n-Heneicosane (C21)	13.166	5363615	40.236 ug/ml
13) T n-Docosane (C22)	13.752	5296835	40.189 ug/ml
14) T n-Tetracosane (C24)	14.855	4803728	36.902 ug/ml
15) T n-Hexacosane (C26)	15.878	5055552	39.751 ug/ml
16) T n-Octacosane (C28)	16.826	4973636	40.062 ug/ml
17) T n-Tricontane (C30)	17.715	4926440	39.090 ug/ml
18) T n-Dotriacontane (C32)	18.546	4790654	38.924 ug/ml
19) T n-Tetratriacontane (C34)	19.330	4339530	36.186 ug/mlm
20) T n-Hexatriacontane (C36)	20.069	3458364	28.545 ug/ml
21) T n-Octatriacontane (C38)	20.803	2604325	22.513 ug/ml
22) T n-Tetracontane (C40)	21.713	2081881	16.996 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB161233BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

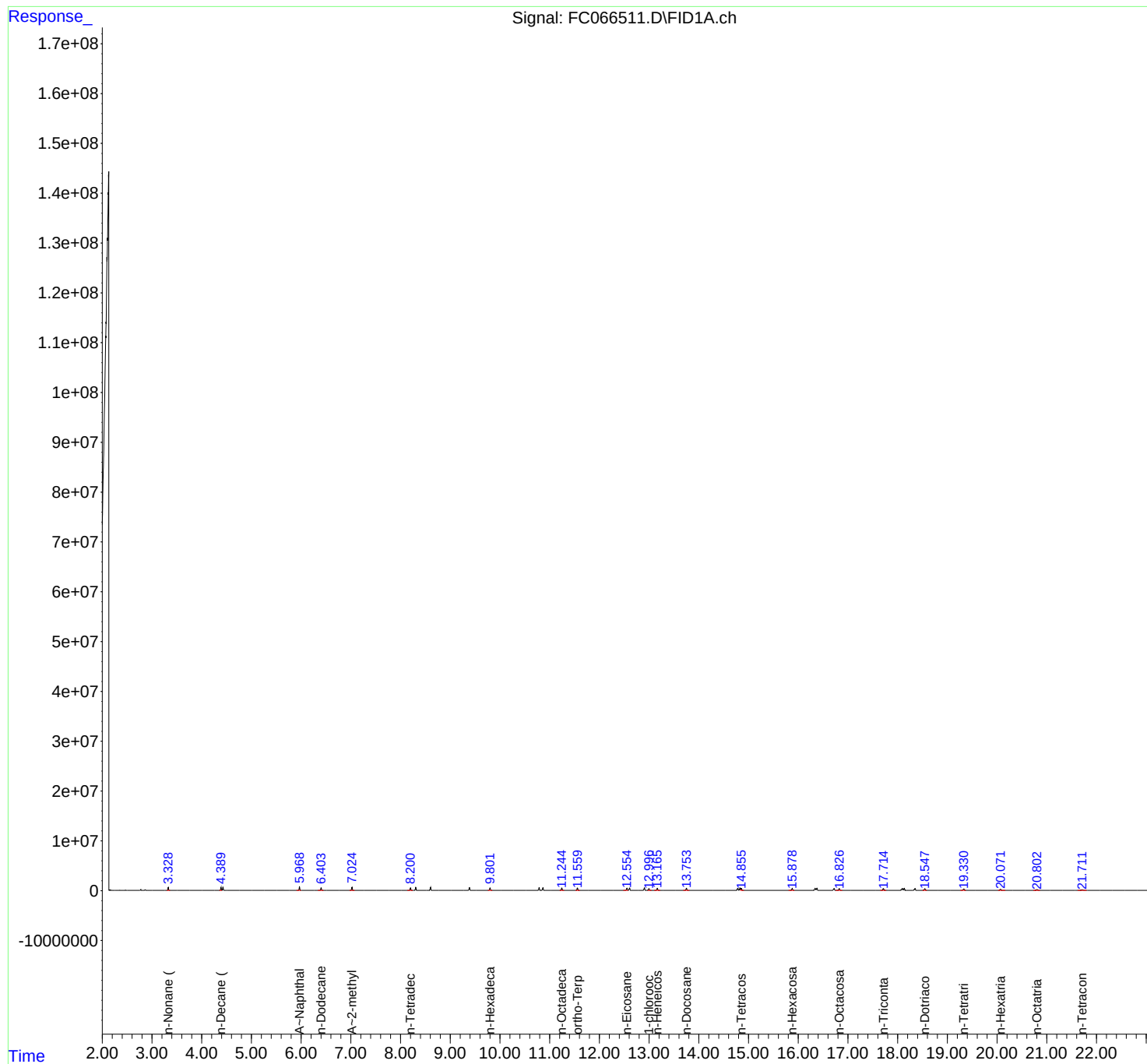
Instrument :
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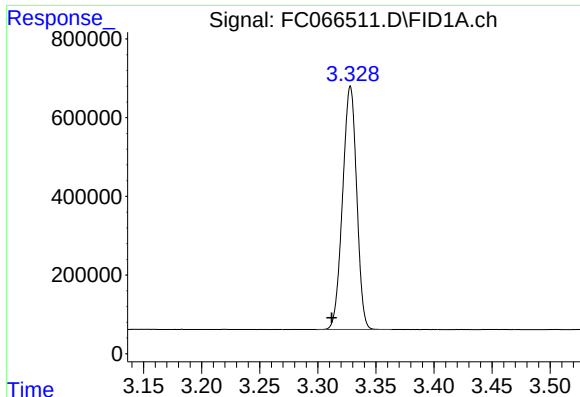
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#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: 0.016 min
Response: 5231334
Conc: 37.38 ug/ml

Instrument :

FID_C

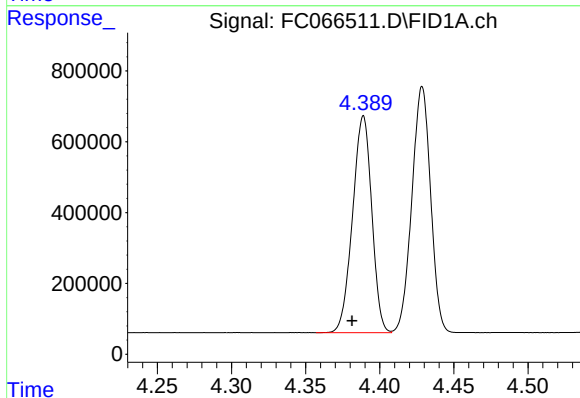
ClientSampleId :

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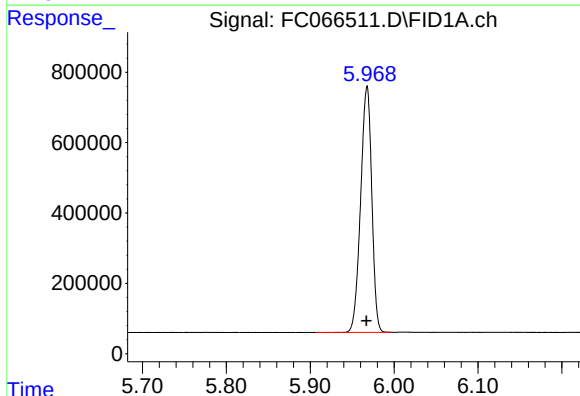
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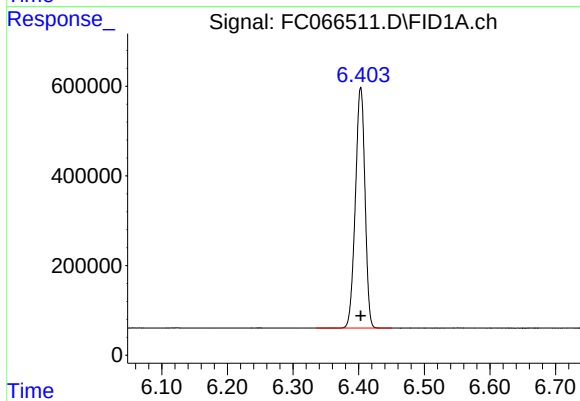
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: 0.007 min
Response: 5513708
Conc: 38.32 ug/ml



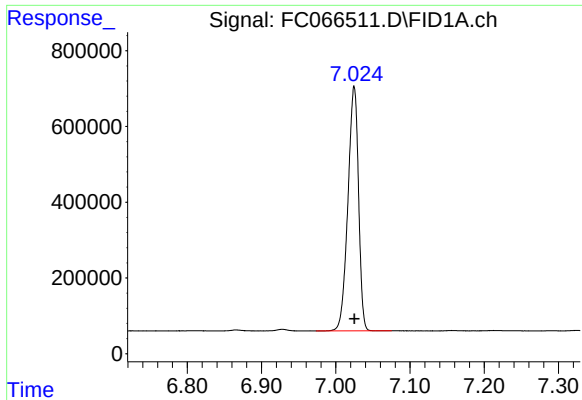
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 6453665
Conc: 40.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 5453569
Conc: 37.87 ug/ml



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

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 6410490
Conc: 41.80 ug/ml

Instrument :

FID_C

ClientSampleId :

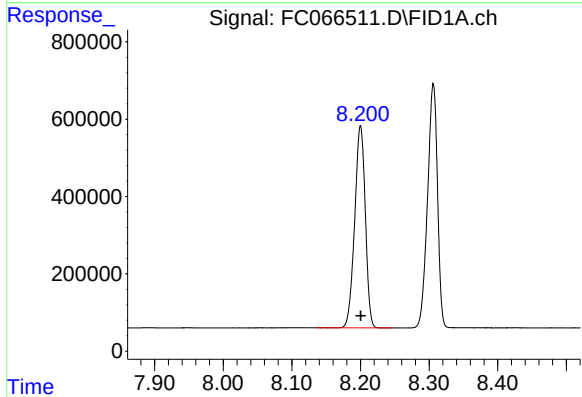
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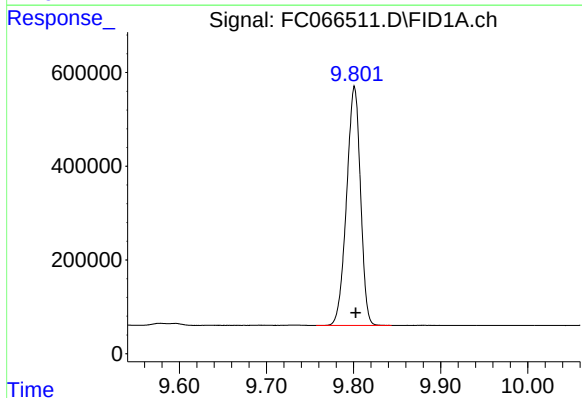
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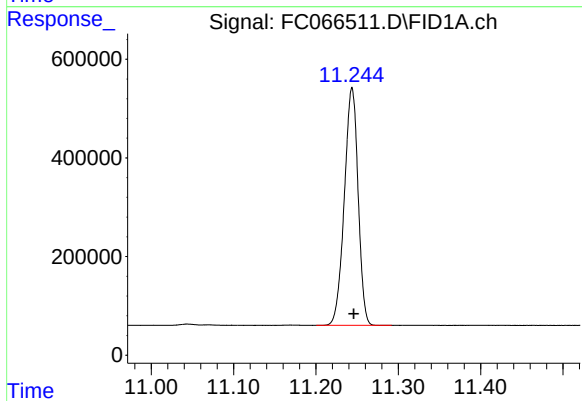
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 5626481
Conc: 39.86 ug/ml



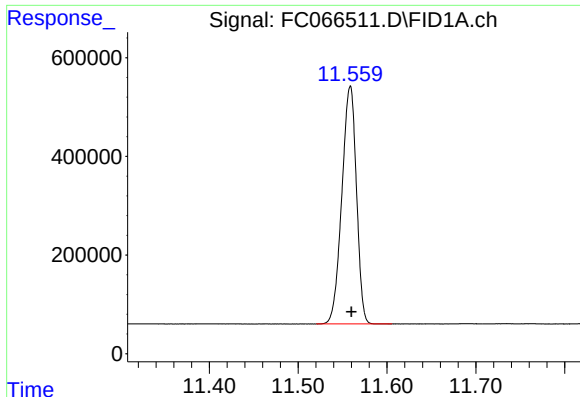
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.002 min
Response: 5661654
Conc: 39.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.002 min
Response: 5602793
Conc: 39.15 ug/ml



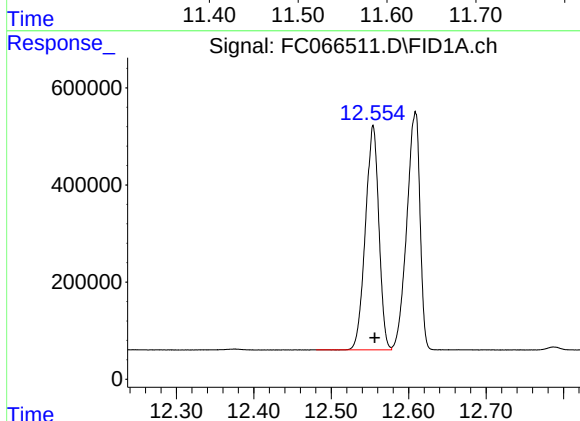
#9 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.001 min
Response: 5498680
Conc: 36.18 ug/ml

Instrument :
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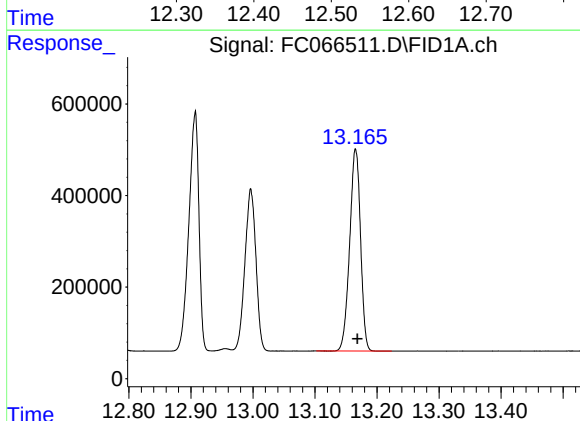
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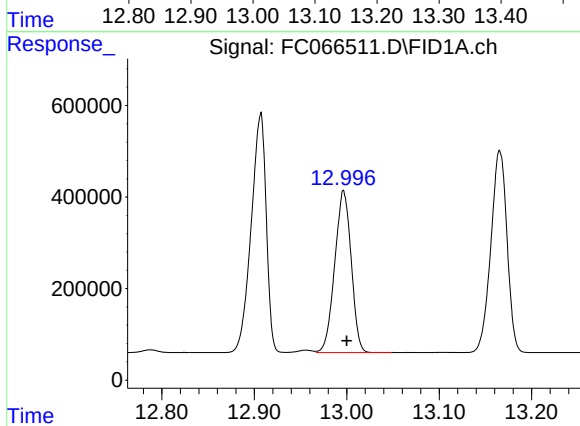
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.002 min
Response: 5574877
Conc: 40.97 ug/ml



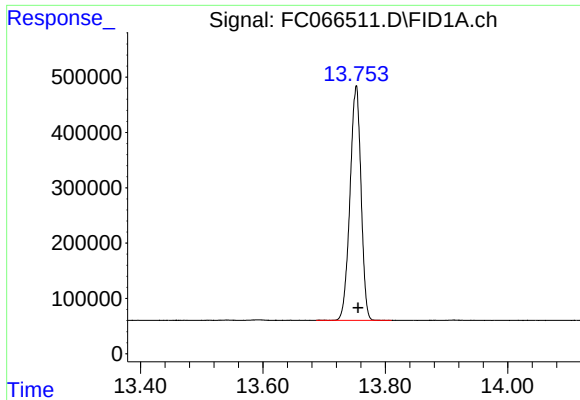
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.003 min
Response: 5363615
Conc: 40.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.003 min
Response: 4366833
Conc: 38.22 ug/ml



#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: -0.003 min
Response: 5296835
Conc: 40.19 ug/ml

Instrument :

FID_C

ClientSampleId :

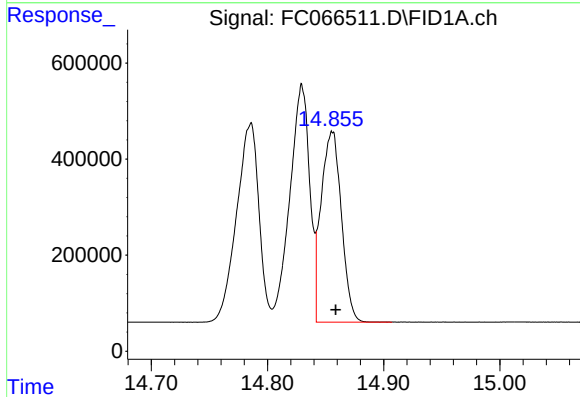
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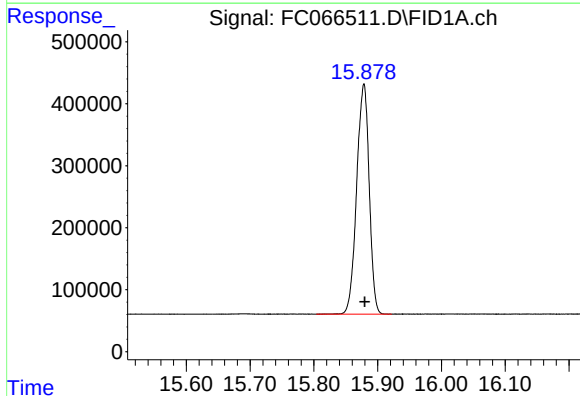
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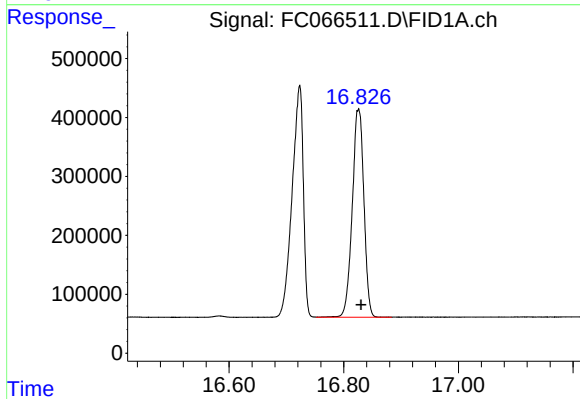
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.003 min
Response: 4803728
Conc: 36.90 ug/ml



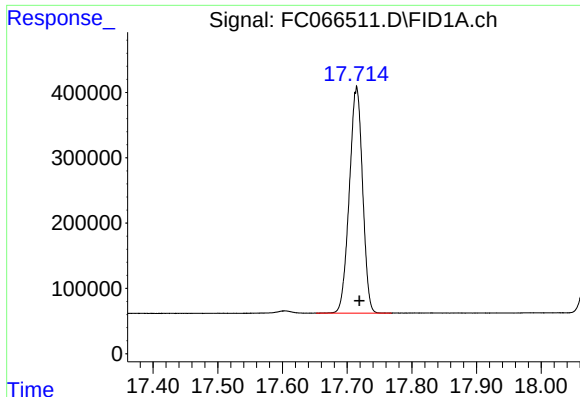
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 5055552
Conc: 39.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.826 min
Delta R.T.: -0.004 min
Response: 4973636
Conc: 40.06 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.004 min
Response: 4926440
Conc: 39.09 ug/ml

Instrument :

FID_C

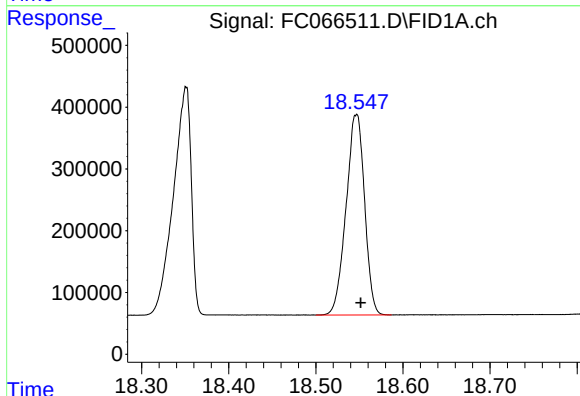
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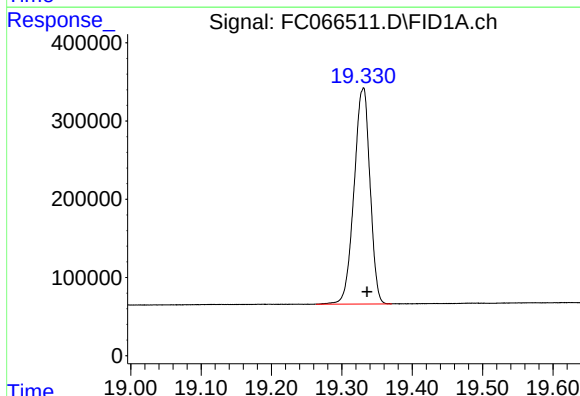
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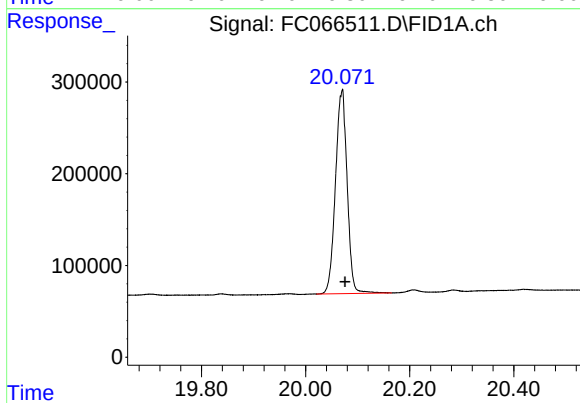
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.005 min
Response: 4790654
Conc: 38.92 ug/ml



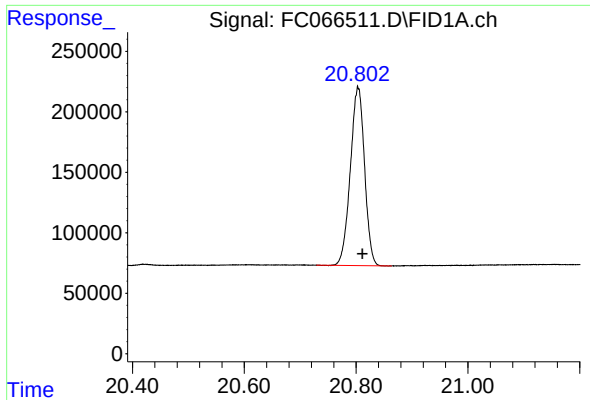
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.005 min
Response: 4339530
Conc: 36.19 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.006 min
Response: 3458364
Conc: 28.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: -0.008 min
Response: 2604325
Conc: 22.51 ug/ml

Instrument :

FID_C

ClientSampleId :

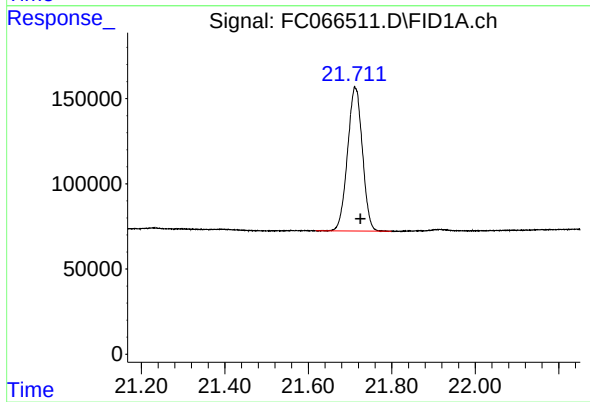
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#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: -0.012 min
Response: 2081881
Conc: 17.00 ug/ml