

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
 Data File : FC066521.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jun 2024 17:27
 Operator : YP/AJ
 Sample : PB161255BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161255BSD

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 04:08:31 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)	11.559	6341731	41.723 ug/ml
Spiked Amount 50.000		Recovery =	83.45%
12) S 1-chlorooctadecane (S...	12.998	5053136	44.221 ug/ml
Spiked Amount 50.000		Recovery =	88.44%
Target Compounds			
1) T n-Nonane (C9)	3.324	5279177	37.721 ug/ml
2) T n-Decane (C10)	4.387	5644712	39.231 ug/ml
3) T A~Naphthalene (C11.7)	5.967	6856256	43.026 ug/ml
4) T n-Dodecane (C12)	6.403	5850443	40.630 ug/ml
5) T A~2-methylnaphthalene...	7.024	7099606	46.292 ug/ml
6) T n-Tetradecane (C14)	8.201	6420709	45.481 ug/ml
7) T n-Hexadecane (C16)	9.802	6638431	46.191 ug/ml
8) T n-Octadecane (C18)	11.245	6618172	46.246 ug/ml
10) T n-Eicosane (C20)	12.556	6625521	48.694 ug/ml
11) T n-Heneicosane (C21)	13.167	6375768	47.829 ug/ml
13) T n-Docosane (C22)	13.754	6299859	47.799 ug/ml
14) T n-Tetracosane (C24)	14.857	5444205	41.822 ug/ml
15) T n-Hexacosane (C26)	15.879	6017545	47.315 ug/ml
16) T n-Octacosane (C28)	16.827	5910879	47.611 ug/ml
17) T n-Tricontane (C30)	17.716	5842544	46.359 ug/ml
18) T n-Dotriacontane (C32)	18.548	5787106	47.020 ug/ml
19) T n-Tetratriacontane (C34)	19.333	5791782	48.295 ug/mlm
20) T n-Hexatriacontane (C36)	20.071	5771710	47.639 ug/ml
21) T n-Octatriacontane (C38)	20.806	5622530	48.603 ug/ml
22) T n-Tetracontane (C40)	21.716	5447265	44.469 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
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Acq On : 03 Jun 2024 17:27
Operator : YP/AJ
Sample : PB161255BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

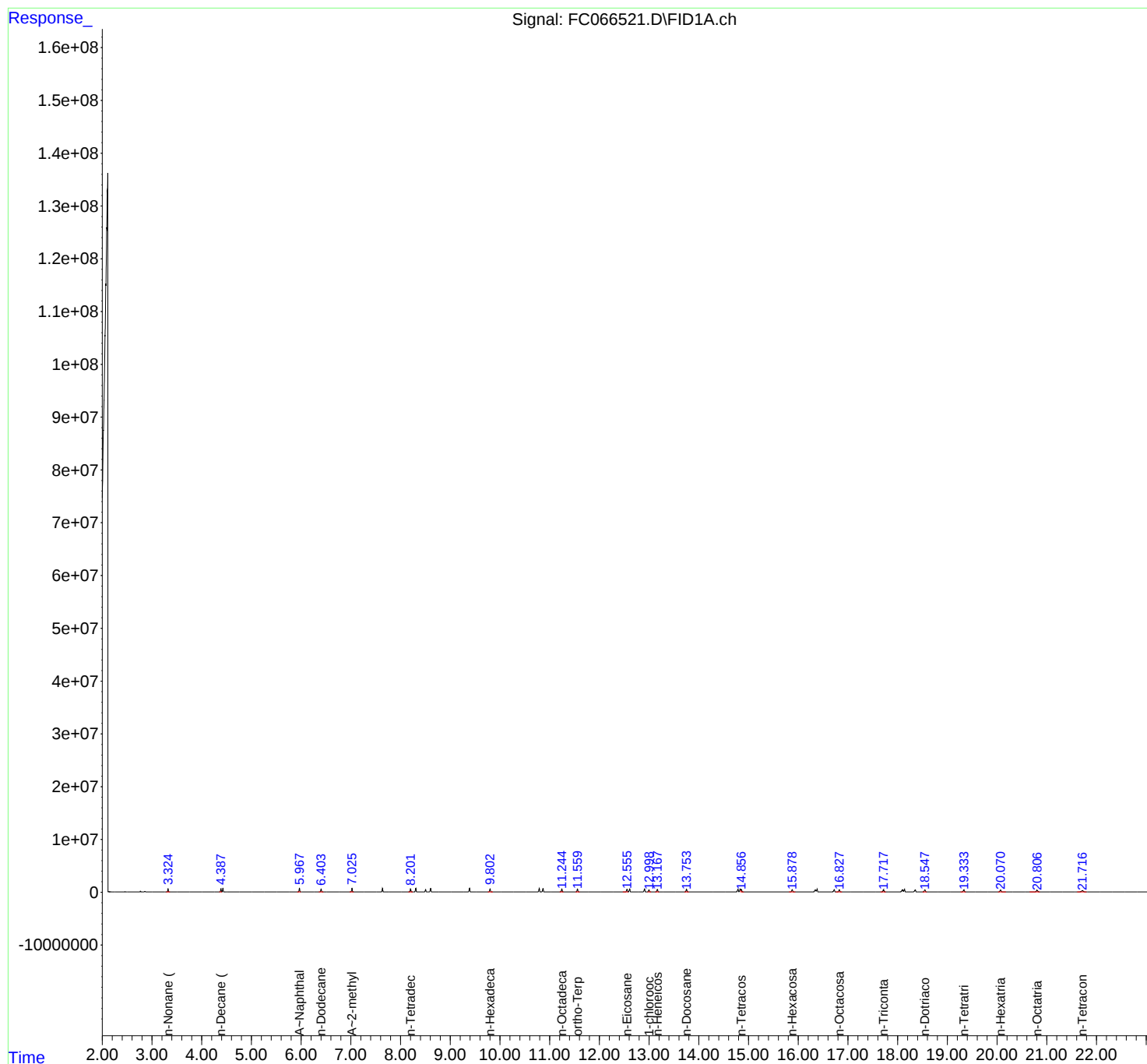
Instrument :
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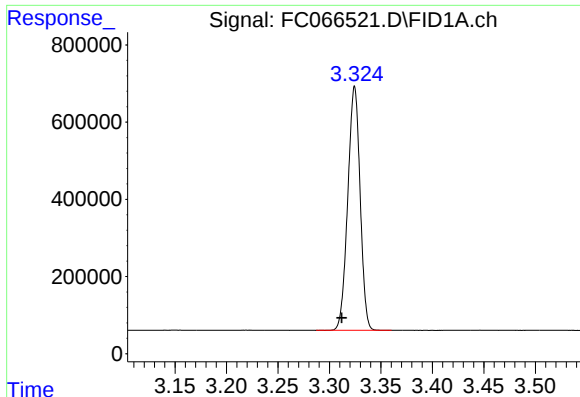
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#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: 0.012 min
Response: 5279177
Conc: 37.72 ug/ml

Instrument :

FID_C

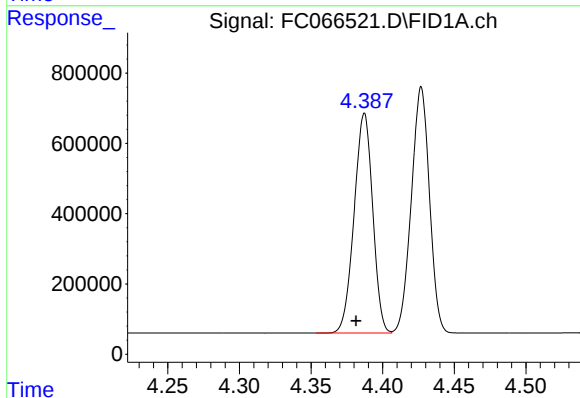
ClientSampleId :

PB161255BSD

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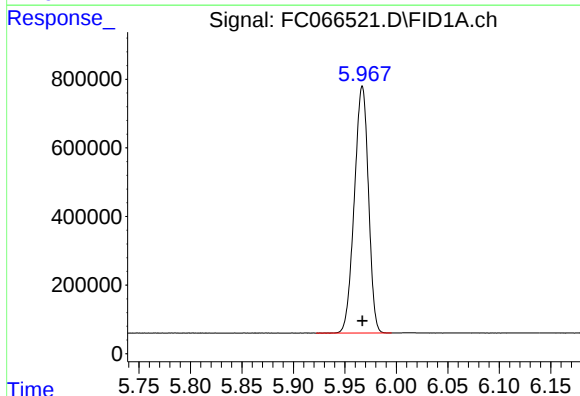
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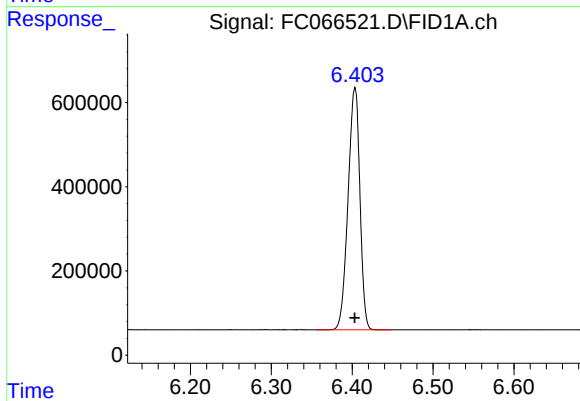
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: 0.006 min
Response: 5644712
Conc: 39.23 ug/ml



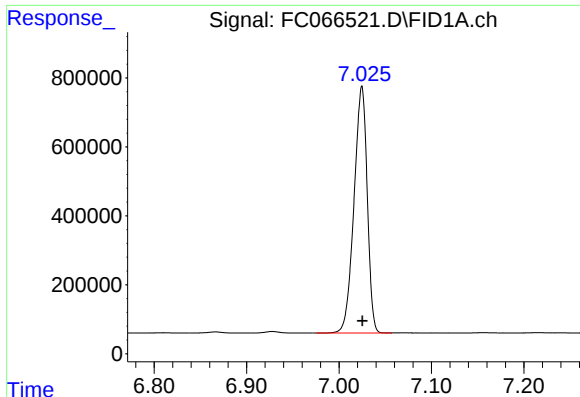
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 6856256
Conc: 43.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 5850443
Conc: 40.63 ug/ml



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

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 7099606
Conc: 46.29 ug/ml

Instrument :

FID_C

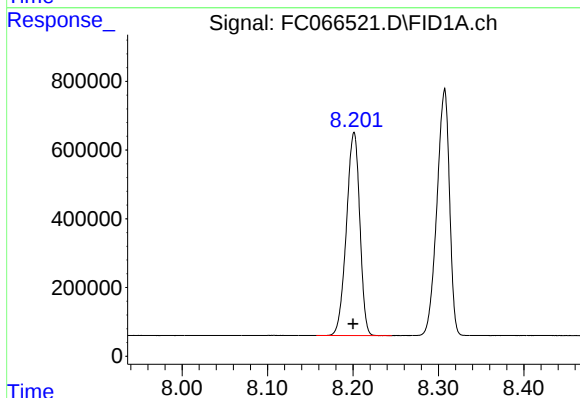
ClientSampleId :

PB161255BSD

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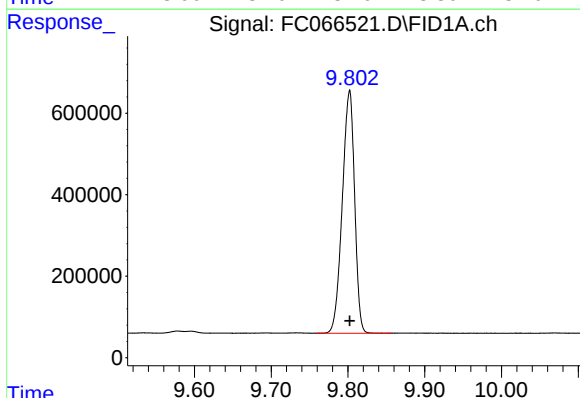
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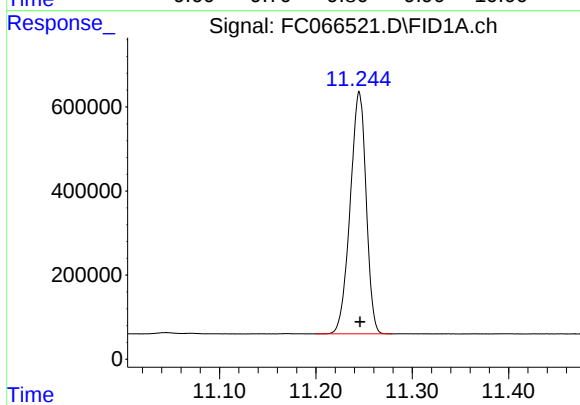
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 6420709
Conc: 45.48 ug/ml



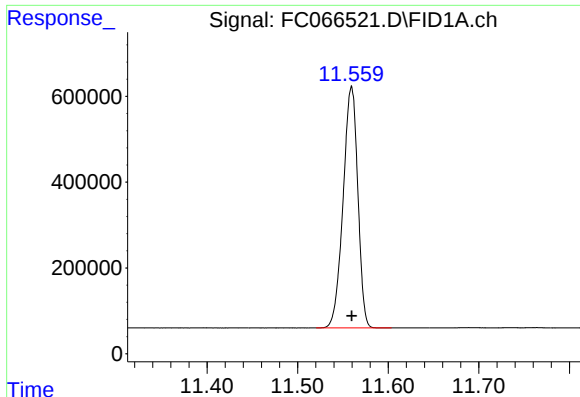
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: 0.000 min
Response: 6638431
Conc: 46.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: 0.000 min
Response: 6618172
Conc: 46.25 ug/ml



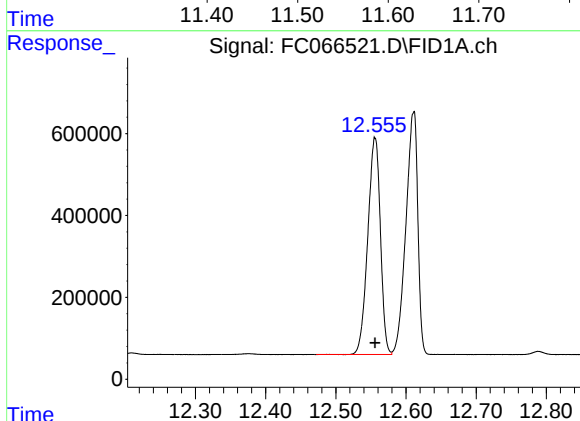
#9 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 6341731
Conc: 41.72 ug/ml

Instrument :
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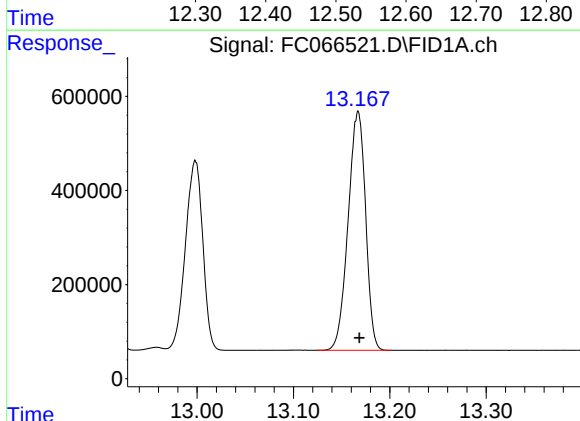
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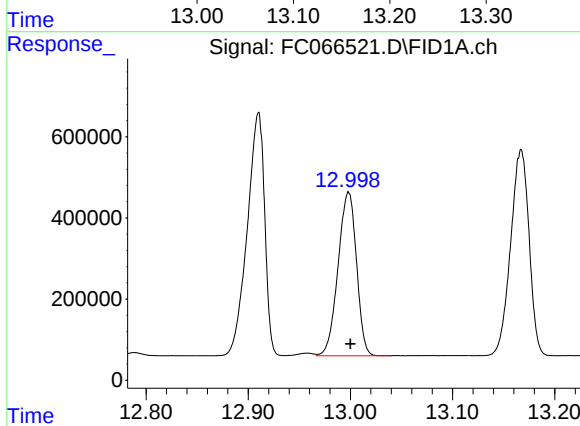
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: 0.000 min
Response: 6625521
Conc: 48.69 ug/ml



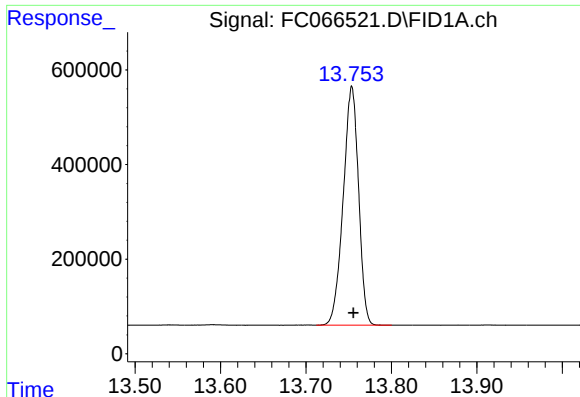
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.002 min
Response: 6375768
Conc: 47.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.998 min
Delta R.T.: -0.002 min
Response: 5053136
Conc: 44.22 ug/ml



#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.002 min
Response: 6299859
Conc: 47.80 ug/ml

Instrument :

FID_C

ClientSampleId :

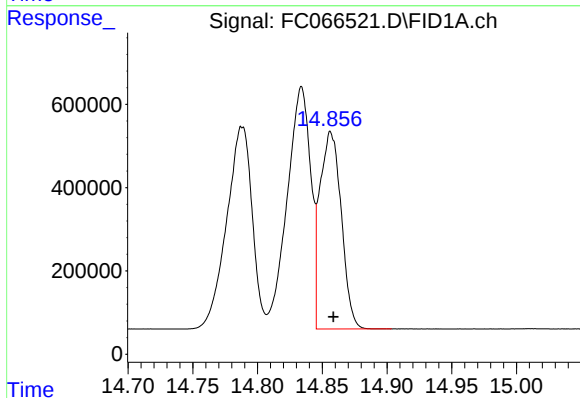
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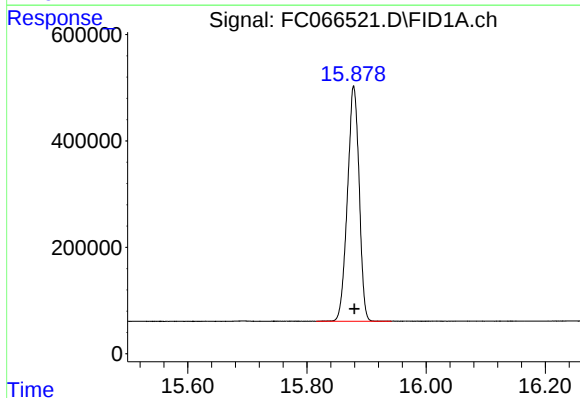
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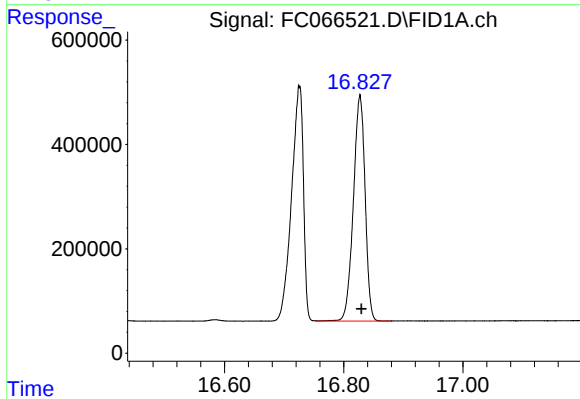
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.002 min
Response: 5444205
Conc: 41.82 ug/ml



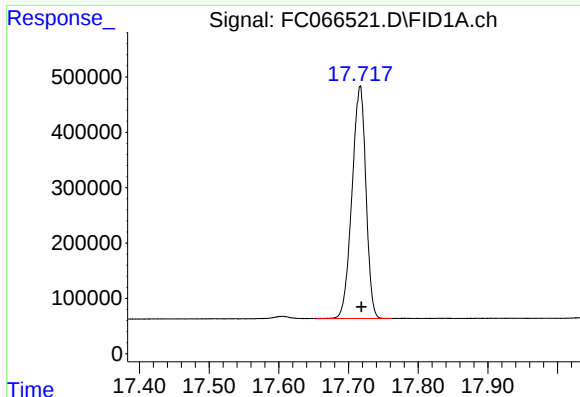
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.001 min
Response: 6017545
Conc: 47.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: -0.003 min
Response: 5910879
Conc: 47.61 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: -0.002 min
Response: 5842544
Conc: 46.36 ug/ml

Instrument :

FID_C

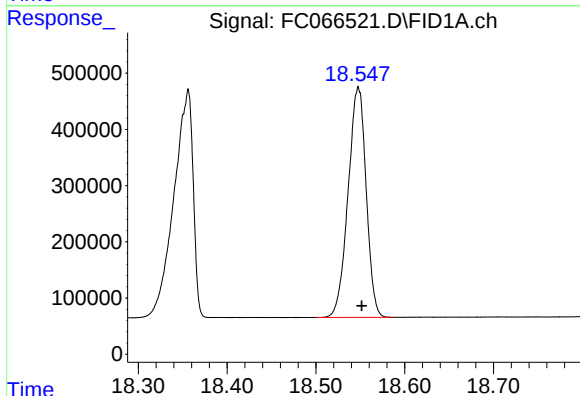
ClientSampleId :

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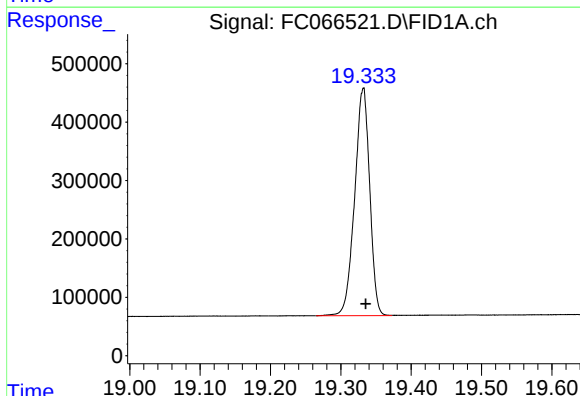
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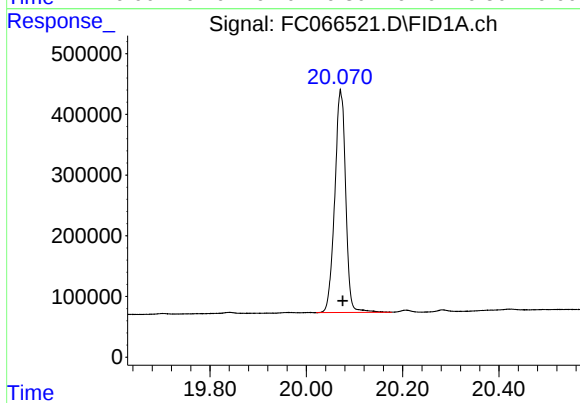
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: -0.004 min
Response: 5787106
Conc: 47.02 ug/ml



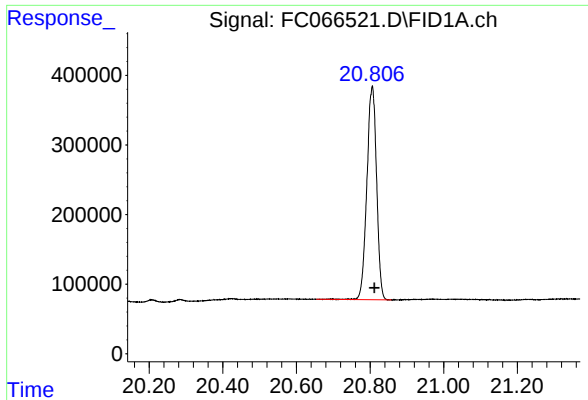
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.003 min
Response: 5791782
Conc: 48.30 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: -0.004 min
Response: 5771710
Conc: 47.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: -0.006 min
Response: 5622530
Conc: 48.60 ug/ml

Instrument :

FID_C

ClientSampleId :

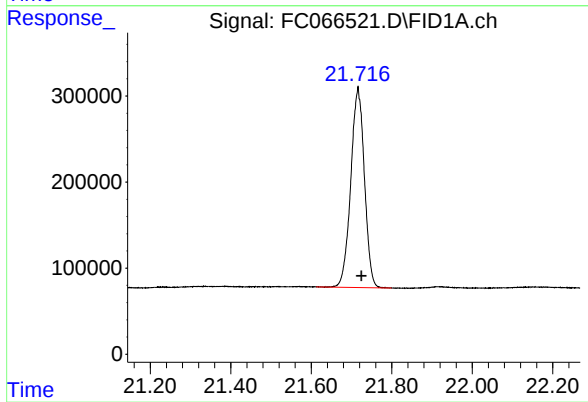
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#22 n-Tetracontane (C40)

R.T.: 21.716 min
Delta R.T.: -0.009 min
Response: 5447265
Conc: 44.47 ug/ml