

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112124AL\
 Data File : FC067841.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2024 11:53
 Operator : YP/AJ
 Sample : PB165151BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165151BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e

Quant Time: Nov 22 00:24:20 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			
12) S 1-chlorooctadecane (S...	12.942	5017940	34.568 ug/ml
Spiked Amount 50.000		Recovery =	69.14%
Target Compounds			
1) T n-Nonane (C9)	3.287	3553098	21.783 ug/ml
2) T n-Decane (C10)	4.350	4550511	27.440 ug/ml
4) T n-Dodecane (C12)	6.364	5502131	32.668 ug/ml
6) T n-Tetradecane (C14)	8.155	5973400	35.668 ug/ml
7) T n-Hexadecane (C16)	9.754	6280293	36.240 ug/ml
8) T n-Octadecane (C18)	11.193	6636498	37.720 ug/ml
10) T n-Eicosane (C20)	12.502	7051543	41.877 ug/ml
11) T n-Heneicosane (C21)	13.112	6804928	41.358 ug/ml
13) T n-Docosane (C22)	13.697	6724464	41.292 ug/ml
14) T n-Tetracosane (C24)	14.798	6459456	40.275 ug/mlm
15) T n-Hexacosane (C26)	15.817	6252970	40.378 ug/ml
16) T n-Octacosane (C28)	16.765	6076862	40.238 ug/ml
17) T n-Tricontane (C30)	17.651	6033430	39.406 ug/ml
18) T n-Dotriacontane (C32)	18.481	5806977	39.318 ug/ml
19) T n-Tetratriacontane (C34)	19.264	5602279	44.417 ug/ml
20) T n-Hexatriacontane (C36)	20.003	5366761	51.314 ug/ml
21) T n-Octatriacontane (C38)	20.726	5246425	53.708 ug/ml
22) T n-Tetracontane (C40)	21.614	5140177	52.738 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB165151BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

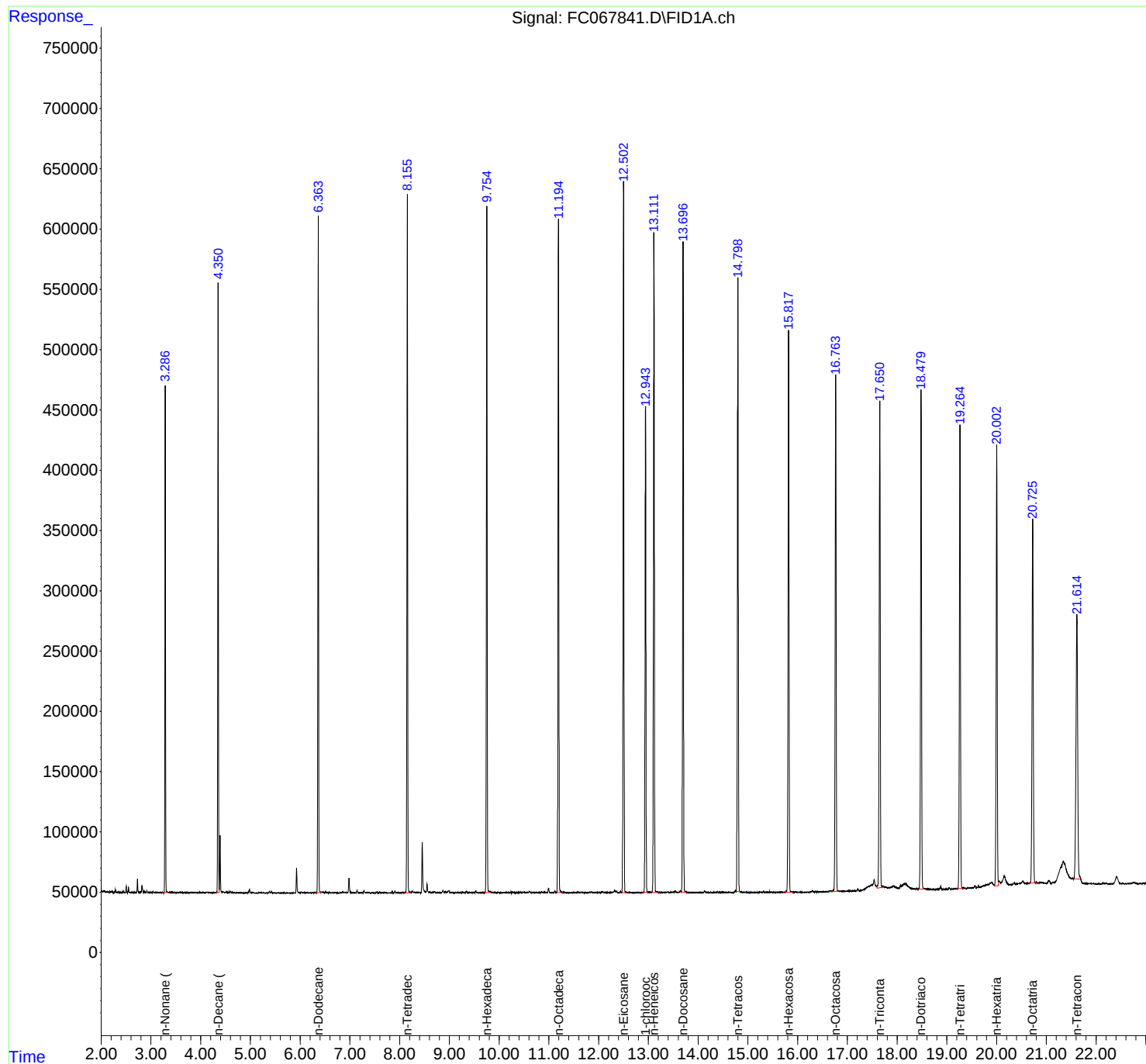
Instrument :
FID_C
ClientSampleId :
PB165151BS

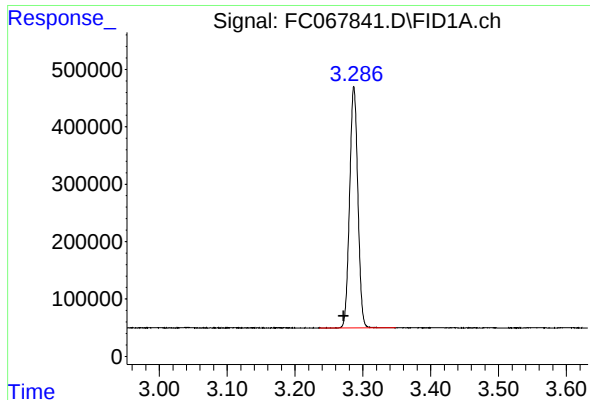
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 14:13:15 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.015 min
Response: 3553098
Conc: 21.78 ug/ml

Instrument :

FID_C

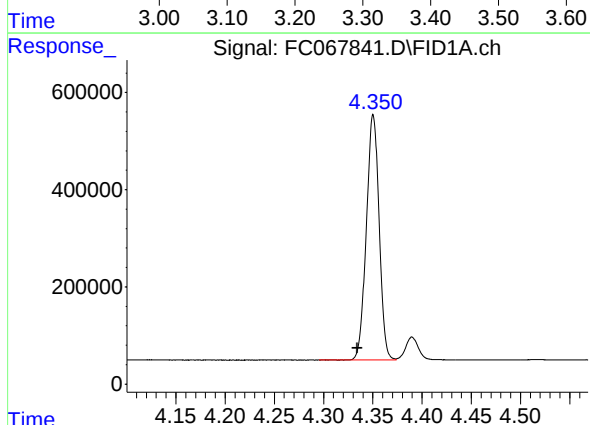
ClientSampleId :

PB165151BS

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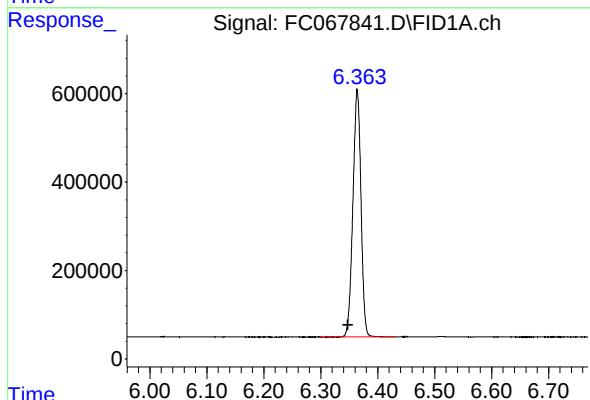
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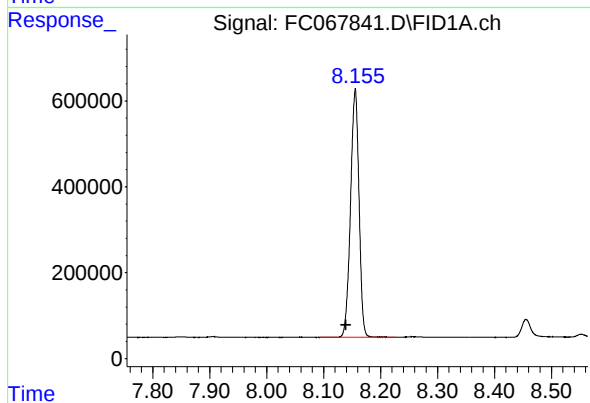
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.016 min
Response: 4550511
Conc: 27.44 ug/ml



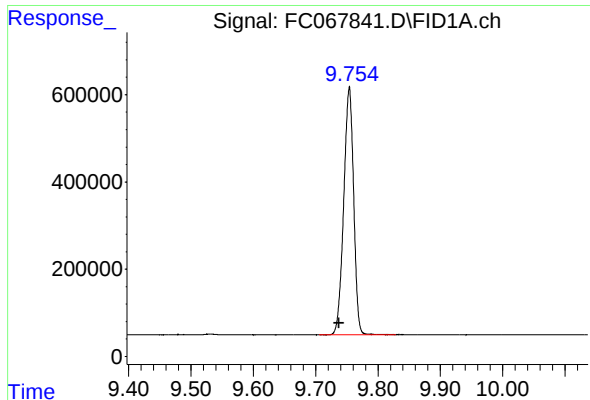
#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.017 min
Response: 5502131
Conc: 32.67 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.016 min
Response: 5973400
Conc: 35.67 ug/ml



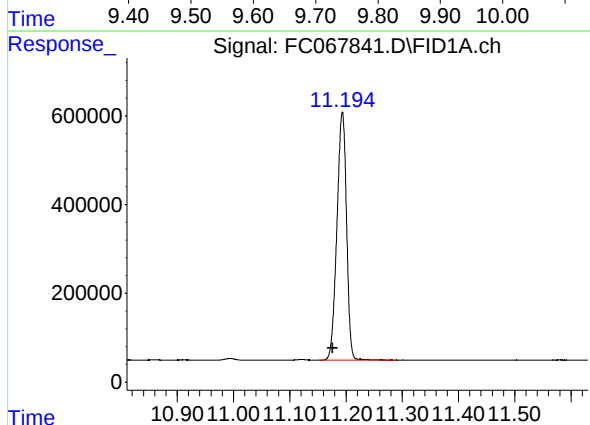
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.017 min
Response: 6280293
Conc: 36.24 ug/ml

Instrument :
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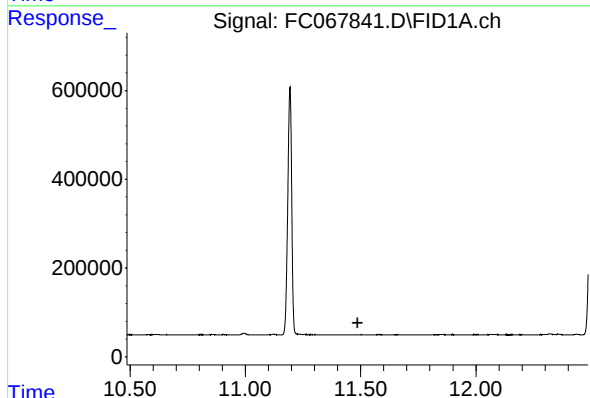
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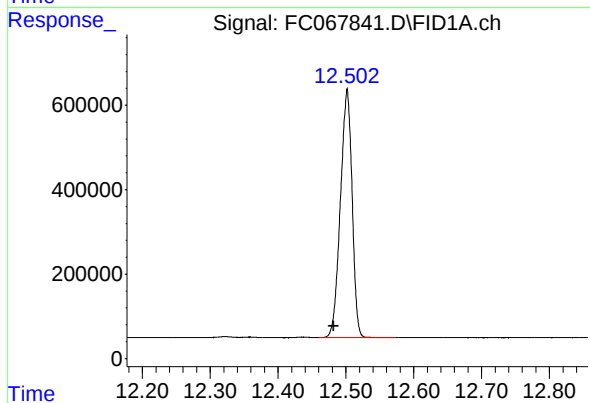
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.017 min
Response: 6636498
Conc: 37.72 ug/ml



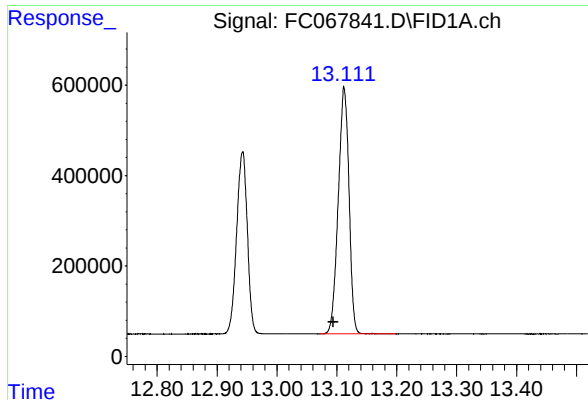
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.486 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.020 min
Response: 7051543
Conc: 41.88 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.019 min
Response: 6804928
Conc: 41.36 ug/ml

Instrument :

FID_C

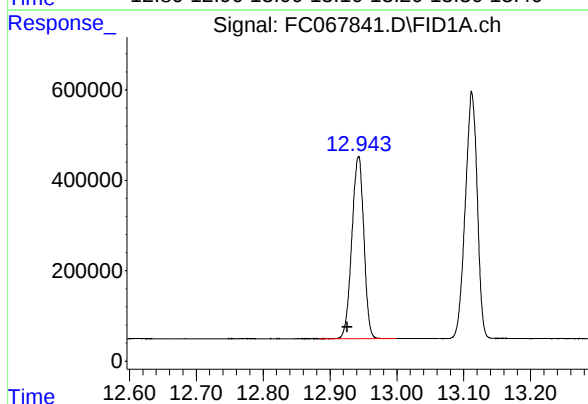
ClientSampleId :

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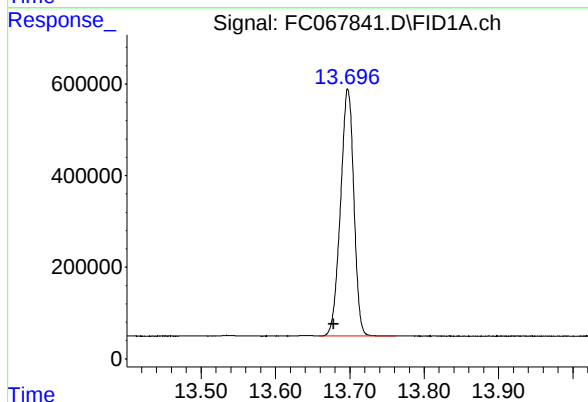
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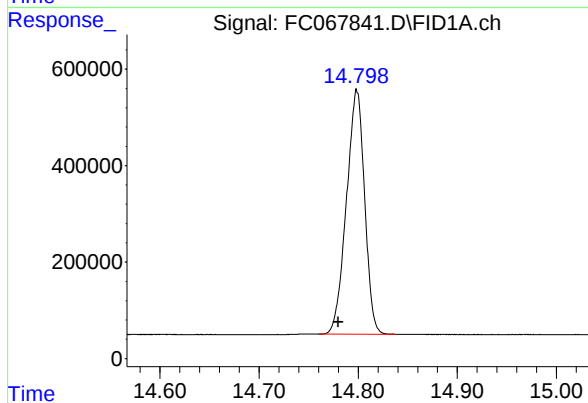
#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: 0.017 min
Response: 5017940
Conc: 34.57 ug/ml



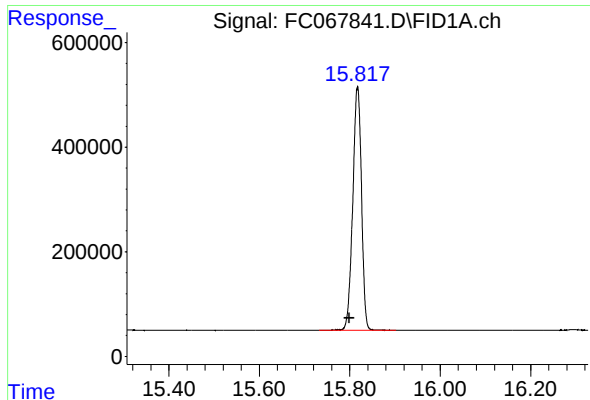
#13 n-Docosane (C22)

R.T.: 13.697 min
Delta R.T.: 0.019 min
Response: 6724464
Conc: 41.29 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.018 min
Response: 6459456
Conc: 40.28 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.018 min
Response: 6252970
Conc: 40.38 ug/ml

Instrument :

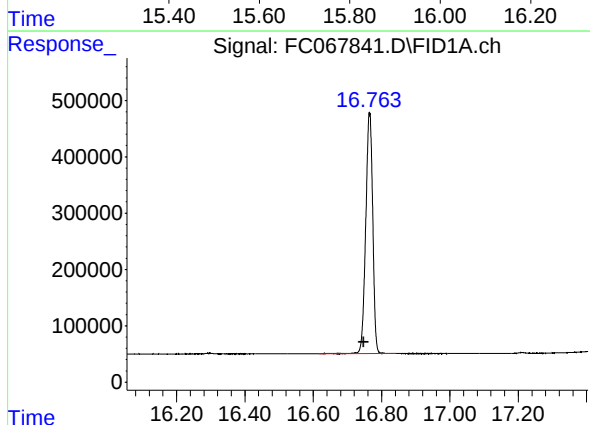
FID_C

ClientSampleId :

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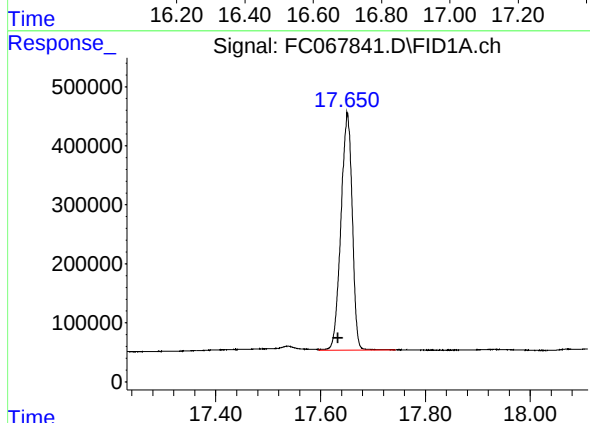
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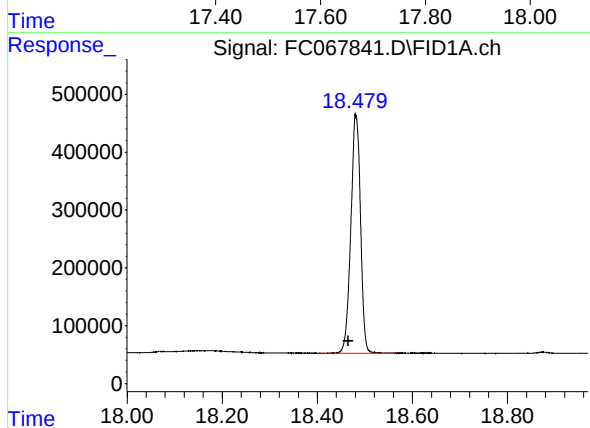
#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.018 min
Response: 6076862
Conc: 40.24 ug/ml



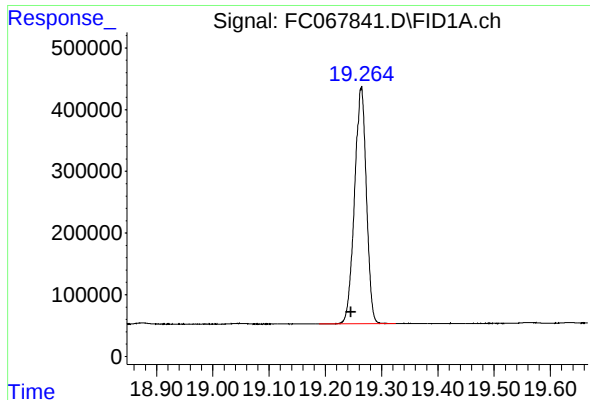
#17 n-Tricontane (C30)

R.T.: 17.651 min
Delta R.T.: 0.018 min
Response: 6033430
Conc: 39.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.481 min
Delta R.T.: 0.016 min
Response: 5806977
Conc: 39.32 ug/ml



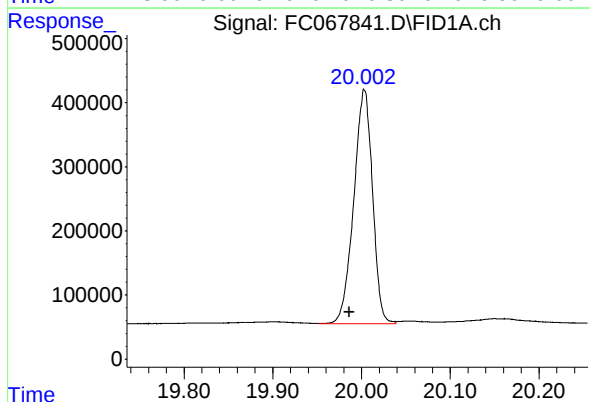
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: 0.018 min
Response: 5602279
Conc: 44.42 ug/ml

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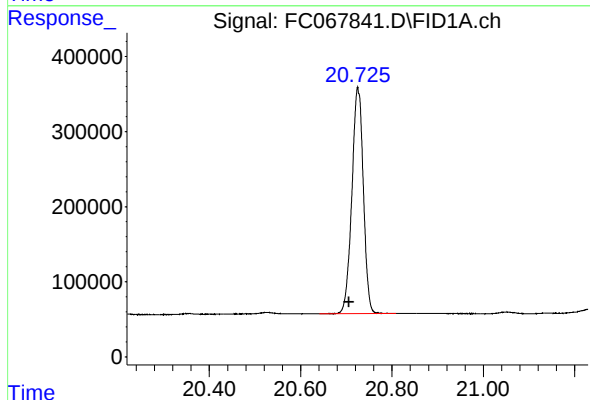
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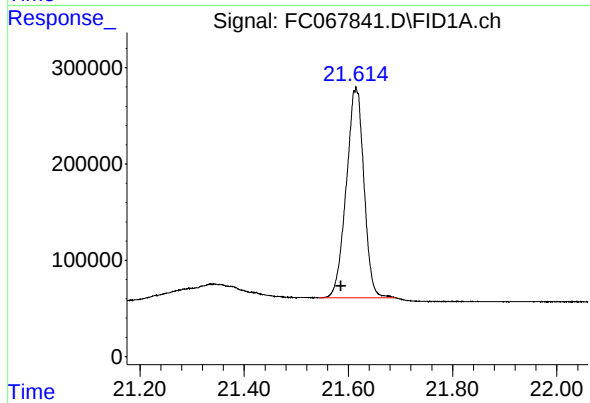
#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: 0.017 min
Response: 5366761
Conc: 51.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: 0.020 min
Response: 5246425
Conc: 53.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: 0.029 min
Response: 5140177
Conc: 52.74 ug/ml m