

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062124AL\
 Data File : FC066667.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jun 2024 17:05
 Operator : YP/AJ
 Sample : PB161620BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161620BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Ankita Jodhani 06/24/2024

Integration File: autoint1.e
 Quant Time: Jun 22 02:58:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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...	12.972	4600535	33.342 ug/ml
Spiked Amount 50.000		Recovery =	66.68%
Target Compounds			
1) T n-Nonane (C9)	3.295	2617153	18.013 ug/ml
2) T n-Decane (C10)	4.361	3473453	23.287 ug/ml
4) T n-Dodecane (C12)	6.379	4107213	27.100 ug/ml
6) T n-Tetradecane (C14)	8.176	4554904	30.028 ug/ml
7) T n-Hexadecane (C16)	9.777	4904270	30.616 ug/ml
8) T n-Octadecane (C18)	11.219	5142581	30.993 ug/ml
10) T n-Eicosane (C20)	12.528	5484313	33.736 ug/ml
11) T n-Heneicosane (C21)	13.140	5332022	33.093 ug/ml
13) T n-Docosane (C22)	13.726	5308473	33.111 ug/ml
14) T n-Tetracosane (C24)	14.828	5225976	32.928 ug/ml
15) T n-Hexacosane (C26)	15.849	5014027	32.837 ug/ml
16) T n-Octacosane (C28)	16.798	4779518	33.134 ug/ml
17) T n-Tricontane (C30)	17.686	4665501	33.393 ug/ml
18) T n-Dotriacontane (C32)	18.519	4556429	34.526 ug/ml
19) T n-Tetratriacontane (C34)	19.302	4458690	36.052 ug/ml
20) T n-Hexatriacontane (C36)	20.041	4319835	35.843 ug/ml
21) T n-Octatriacontane (C38)	20.772	4306537	37.662 ug/ml
22) T n-Tetracontane (C40)	21.672	4107272	36.571 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB161620BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

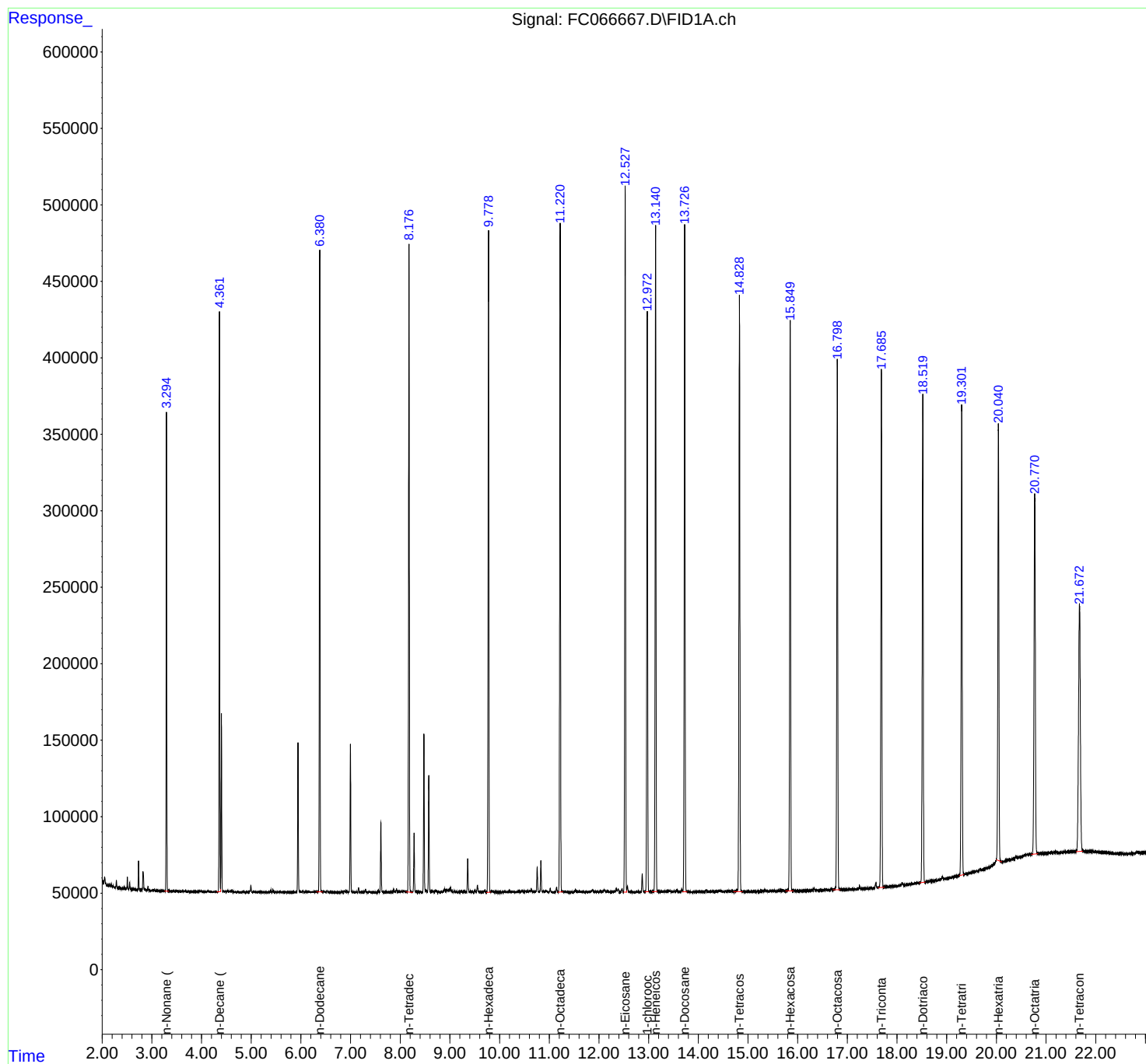
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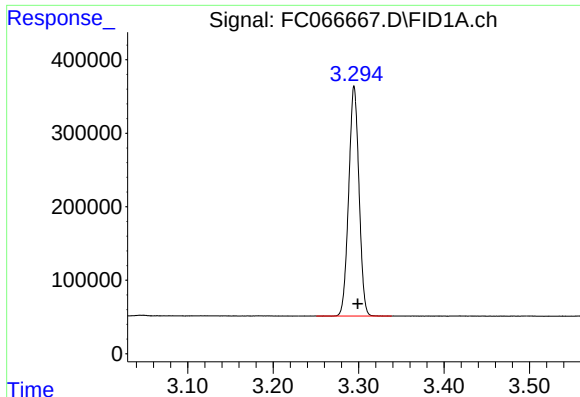
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 2617153
Conc: 18.01 ug/ml

Instrument :

FID_C

ClientSampleId :

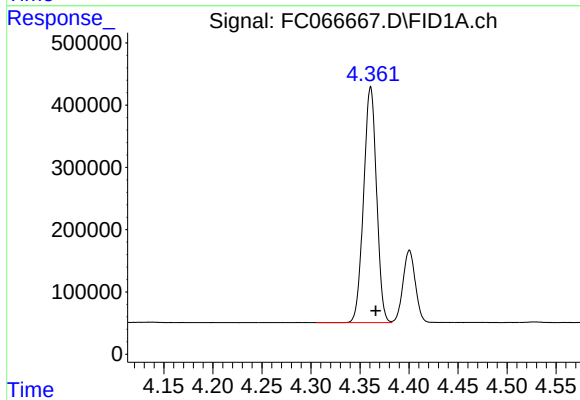
PB161620BSD

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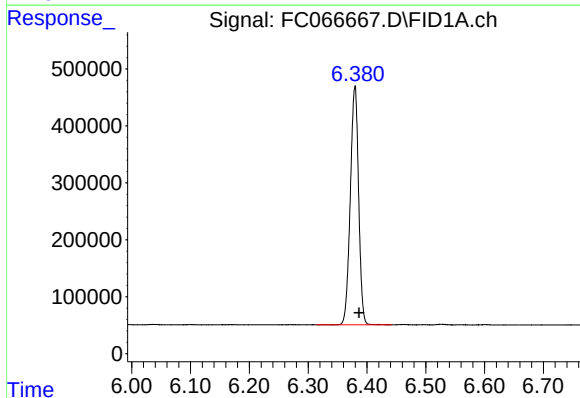
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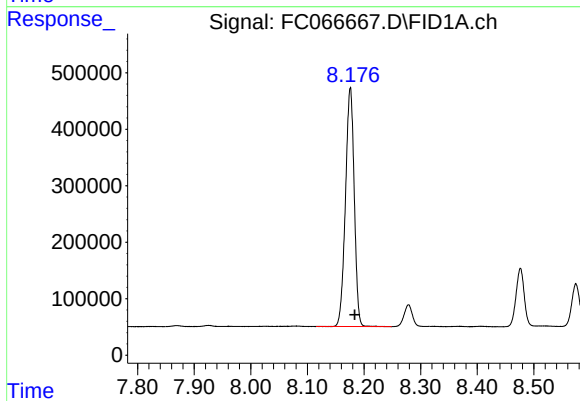
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.005 min
Response: 3473453
Conc: 23.29 ug/ml



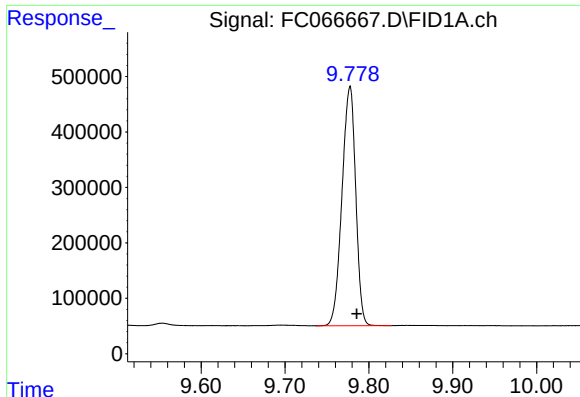
#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.007 min
Response: 4107213
Conc: 27.10 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.008 min
Response: 4554904
Conc: 30.03 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.008 min
Response: 4904270
Conc: 30.62 ug/ml

Instrument :

FID_C

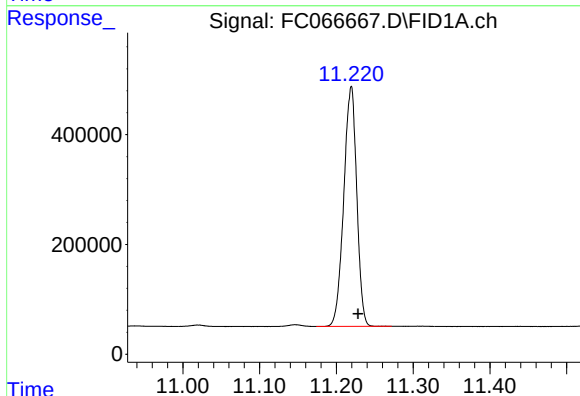
ClientSampleId :

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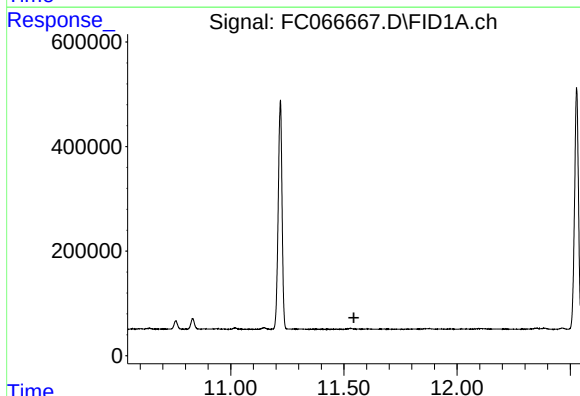
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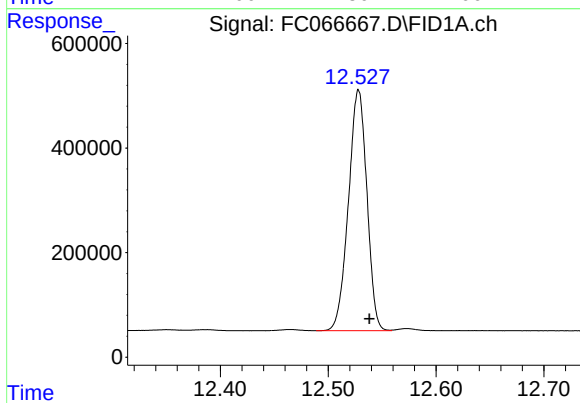
#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.009 min
Response: 5142581
Conc: 30.99 ug/ml



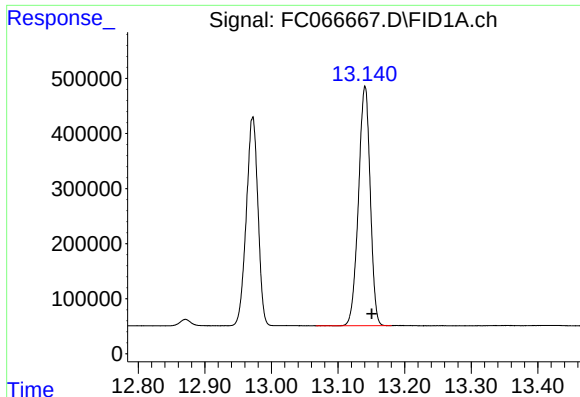
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.544 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.010 min
Response: 5484313
Conc: 33.74 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.010 min
Response: 5332022
Conc: 33.09 ug/ml

Instrument :

FID_C

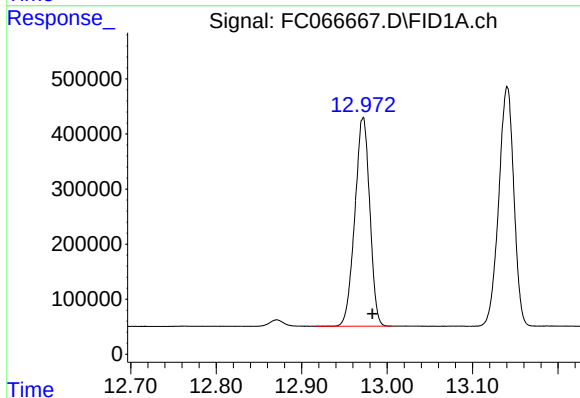
ClientSampleId :

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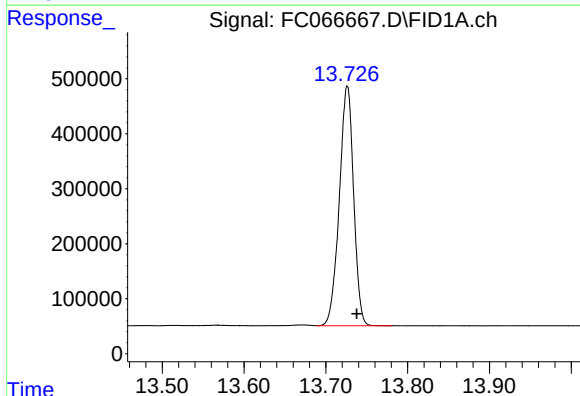
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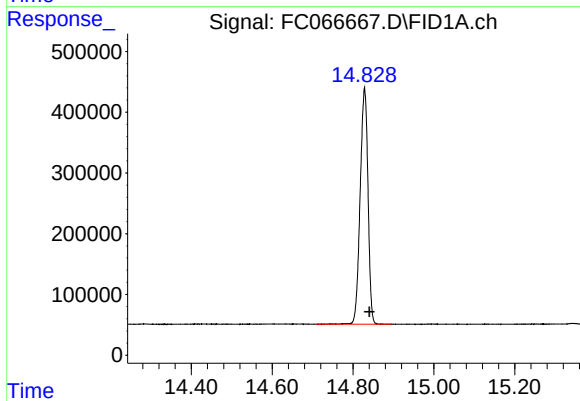
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.011 min
Response: 4600535
Conc: 33.34 ug/ml



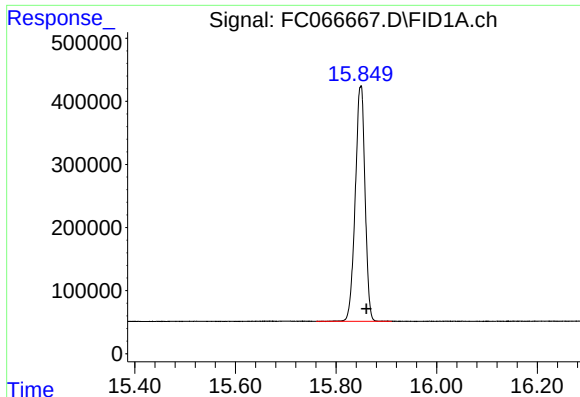
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.012 min
Response: 5308473
Conc: 33.11 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.012 min
Response: 5225976
Conc: 32.93 ug/ml



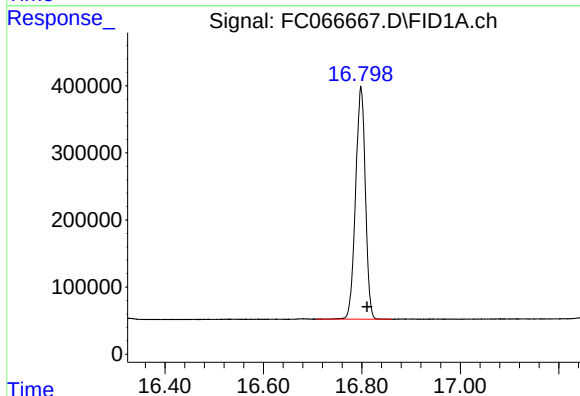
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.012 min
Response: 5014027
Conc: 32.84 ug/ml

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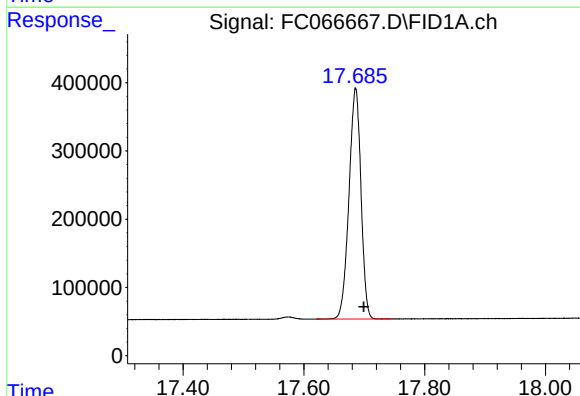
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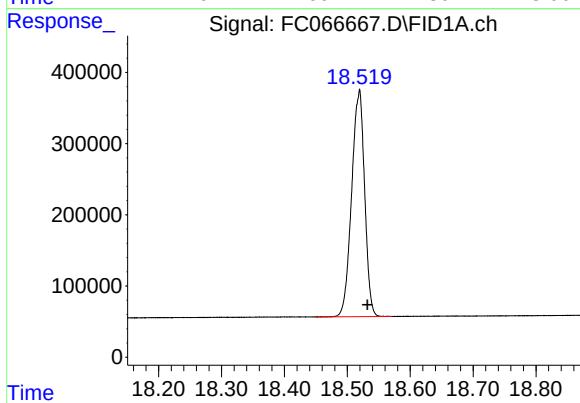
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.012 min
Response: 4779518
Conc: 33.13 ug/ml



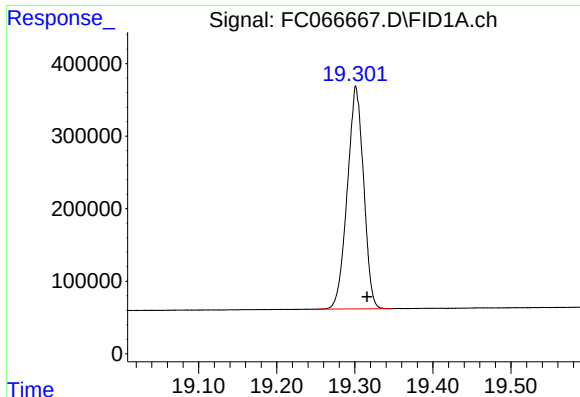
#17 n-Tricontane (C30)

R.T.: 17.686 min
Delta R.T.: -0.013 min
Response: 4665501
Conc: 33.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: -0.013 min
Response: 4556429
Conc: 34.53 ug/ml



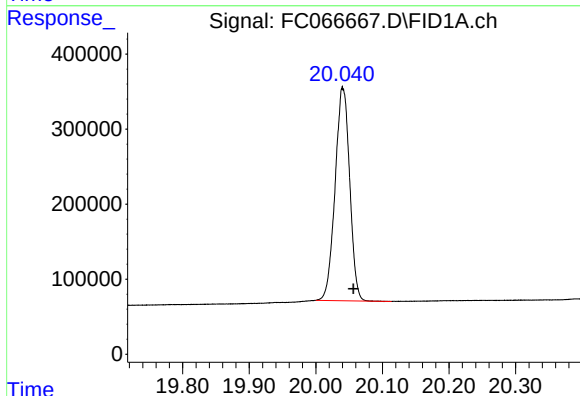
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min
Delta R.T.: -0.014 min
Response: 4458690
Conc: 36.05 ug/ml

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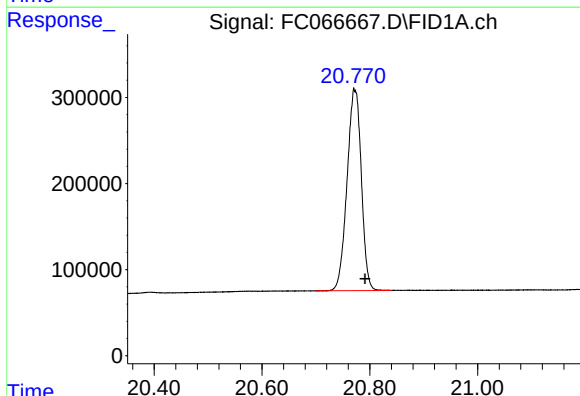
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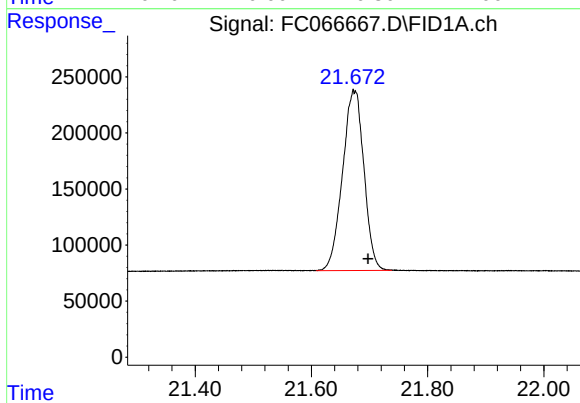
#20 n-Hexatriacontane (C36)

R.T.: 20.041 min
Delta R.T.: -0.015 min
Response: 4319835
Conc: 35.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.772 min
Delta R.T.: -0.019 min
Response: 4306537
Conc: 37.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.672 min
Delta R.T.: -0.026 min
Response: 4107272
Conc: 36.57 ug/ml m