

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111824AL\
 Data File : FC067812.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2024 00:17
 Operator : YP/AJ
 Sample : P4839-22MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EX-4-TPH-6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File: sample.E
 Quant Time: Nov 19 04:55:57 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...	12.929	5562605	38.320 ug/ml
Spiked Amount 50.000		Recovery =	76.64%
Target Compounds			
1) T n-Nonane (C9)	3.273	4074678	24.981 ug/ml
2) T n-Decane (C10)	4.335	5204612	31.385 ug/ml
4) T n-Dodecane (C12)	6.349	6253642	37.129 ug/mlm
6) T n-Tetradecane (C14)	8.141	7017284	41.901 ug/ml
7) T n-Hexadecane (C16)	9.740	7640714	44.090 ug/ml
8) T n-Octadecane (C18)	11.180	7979596	45.354 ug/ml
10) T n-Eicosane (C20)	12.488	7913424	46.996 ug/ml
11) T n-Heneicosane (C21)	13.099	7529880	45.764 ug/ml
13) T n-Docosane (C22)	13.684	7418701	45.555 ug/ml
14) T n-Tetracosane (C24)	14.785	7224777	45.047 ug/ml
15) T n-Hexacosane (C26)	15.804	6985464	45.108 ug/ml
16) T n-Octacosane (C28)	16.752	6781674	44.905 ug/ml
17) T n-Tricontane (C30)	17.638	6578646	42.967 ug/ml
18) T n-Dotriacontane (C32)	18.469	6357935	43.049 ug/ml
19) T n-Tetratriacontane (C34)	19.253	6213967	49.266 ug/ml
20) T n-Hexatriacontane (C36)	19.990	6022850	57.587 ug/ml
21) T n-Octatriacontane (C38)	20.713	5944064	60.850 ug/ml
22) T n-Tetracontane (C40)	21.598	6006906	61.630 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 22 Sample Multiplier: 1

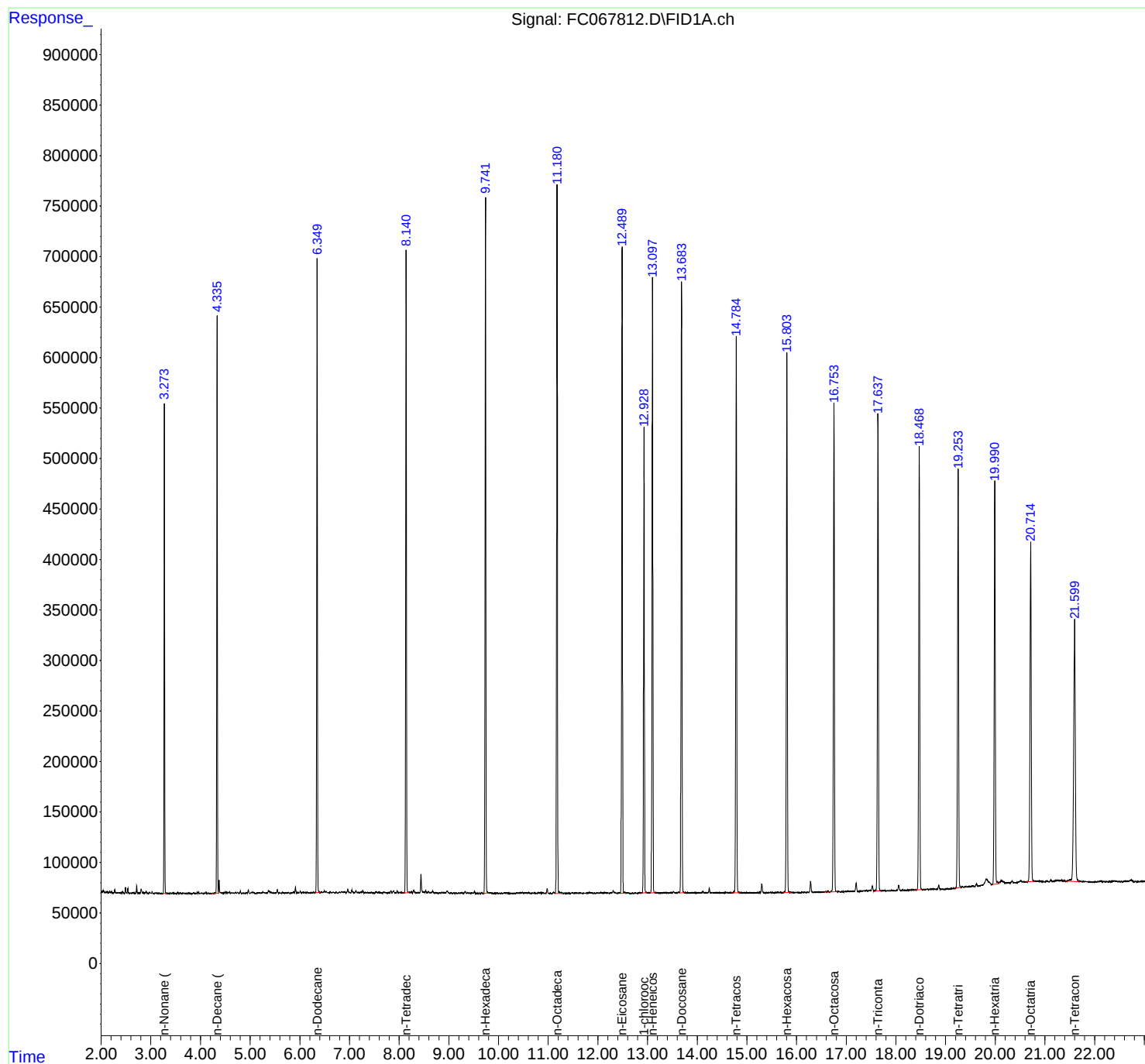
Instrument :
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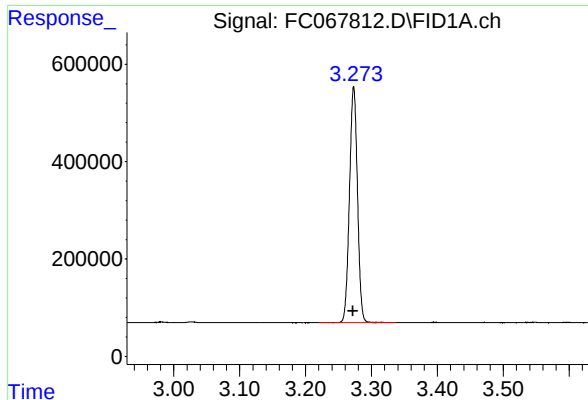
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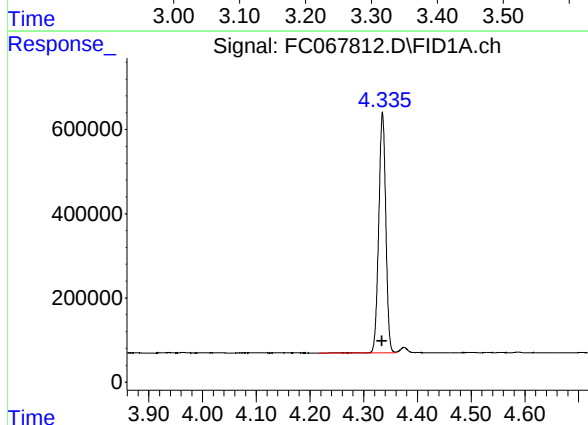
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: 0.001 min
Response: 4074678
Conc: 24.98 ug/ml

Instrument :
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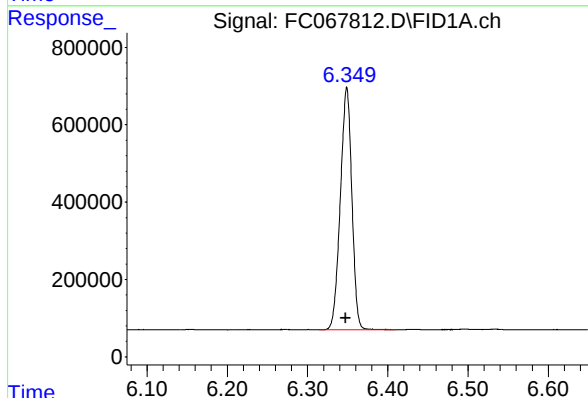
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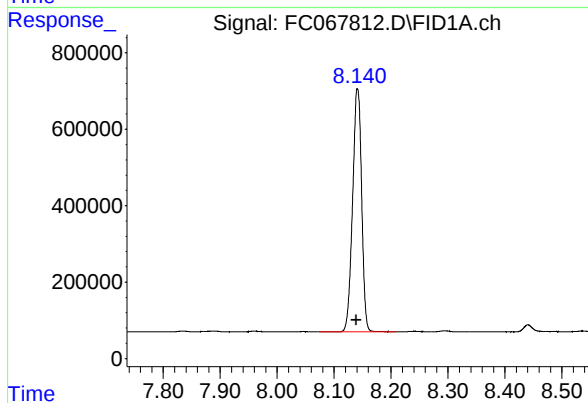
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 5204612
Conc: 31.38 ug/ml



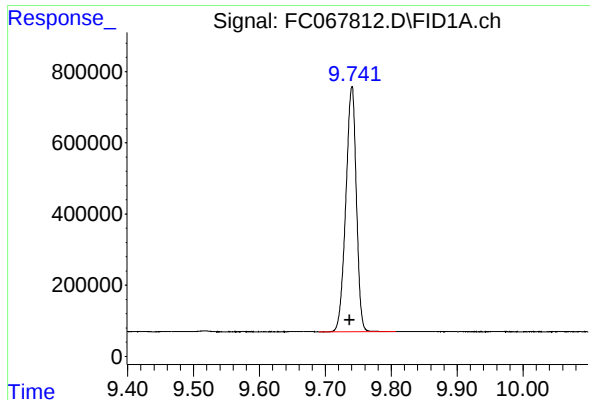
#4 n-Dodecane (C12)

R.T.: 6.349 min
Delta R.T.: 0.001 min
Response: 6253642
Conc: 37.13 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: 0.002 min
Response: 7017284
Conc: 41.90 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: 0.003 min
Response: 7640714
Conc: 44.09 ug/ml

Instrument :

FID_C

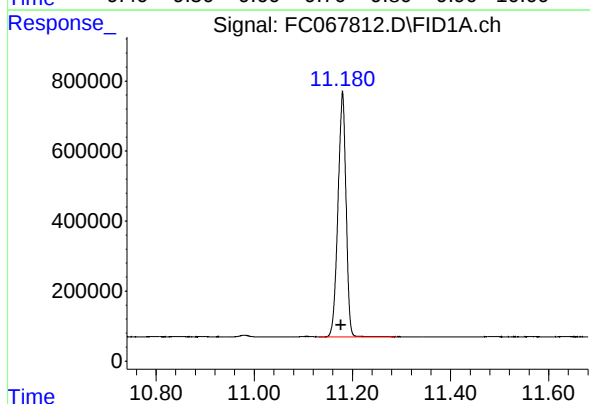
ClientSampleId :

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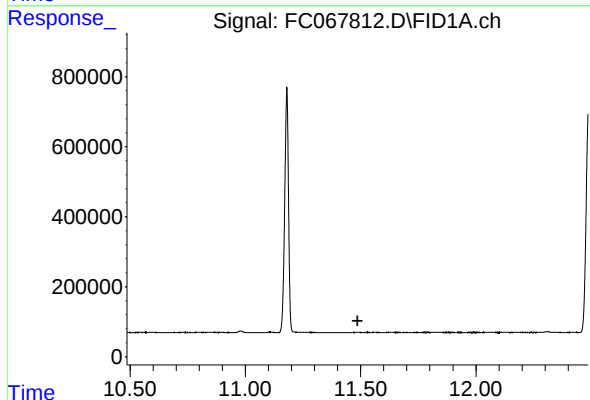
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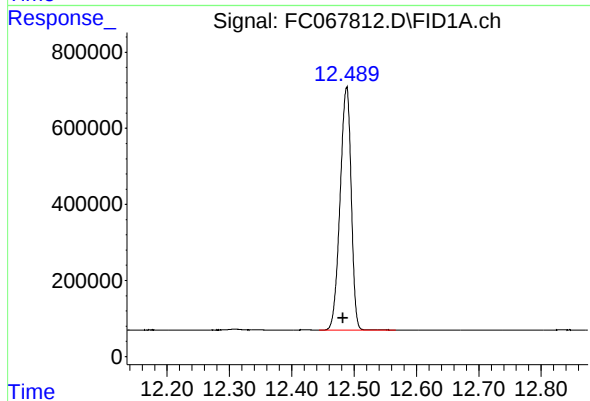
#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.004 min
Response: 7979596
Conc: 45.35 ug/ml



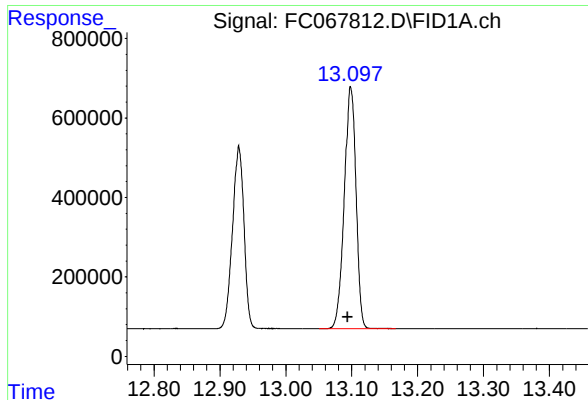
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: 0.005 min
Response: 7913424
Conc: 47.00 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: 0.005 min
Response: 7529880
Conc: 45.76 ug/ml

Instrument :

FID_C

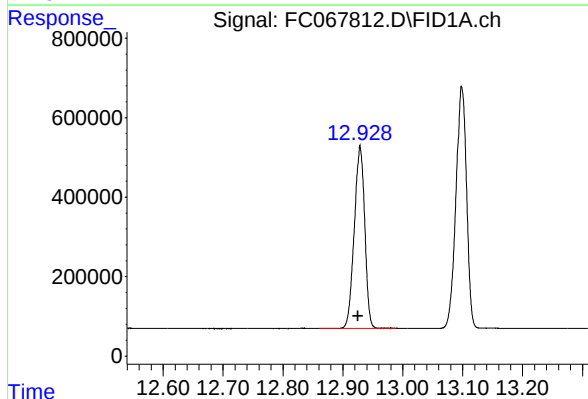
ClientSampleId :

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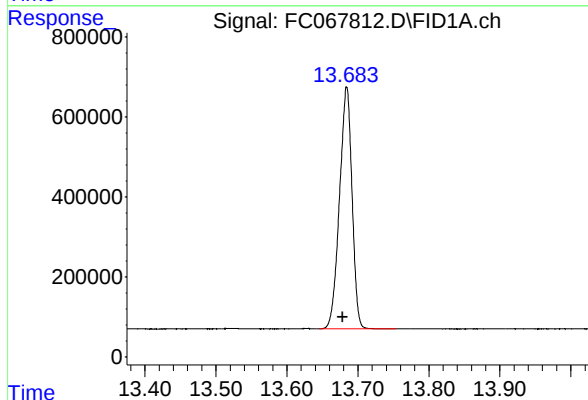
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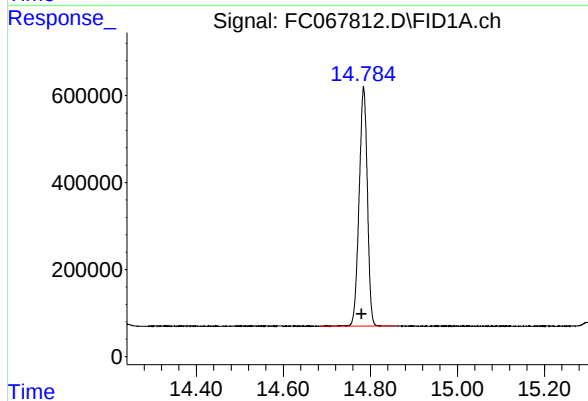
#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: 0.003 min
Response: 5562605
Conc: 38.32 ug/ml



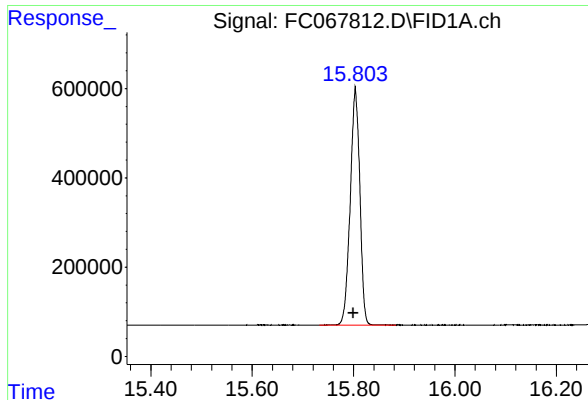
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: 0.005 min
Response: 7418701
Conc: 45.55 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: 0.005 min
Response: 7224777
Conc: 45.05 ug/ml



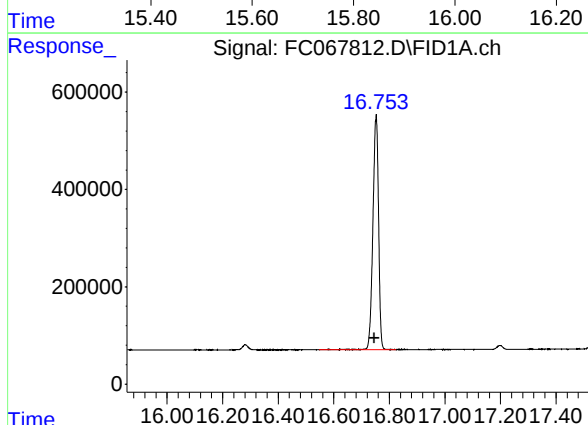
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.004 min
Response: 6985464
Conc: 45.11 ug/ml

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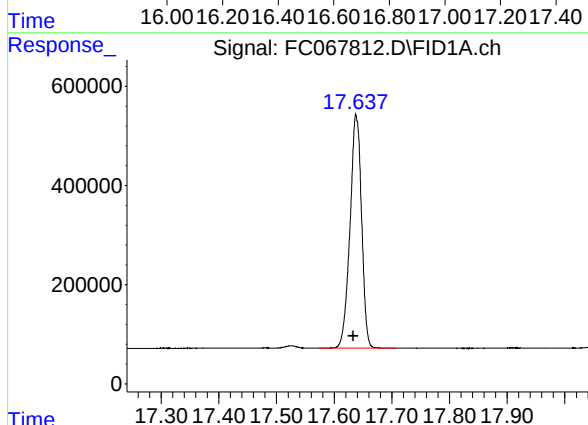
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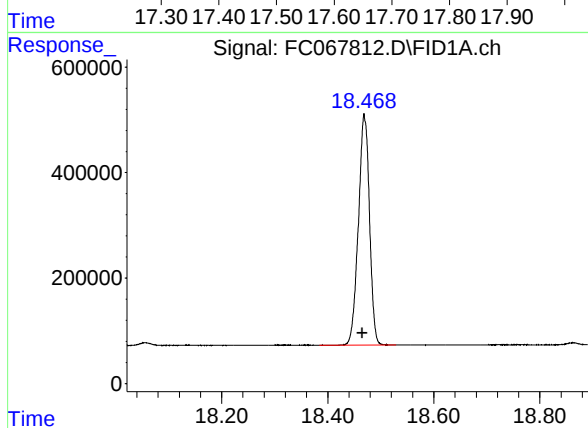
#16 n-Octacosane (C28)

R.T.: 16.752 min
Delta R.T.: 0.005 min
Response: 6781674
Conc: 44.90 ug/ml



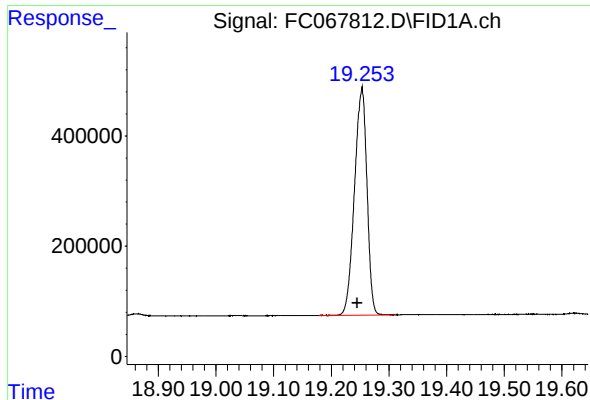
#17 n-Tricontane (C30)

R.T.: 17.638 min
Delta R.T.: 0.005 min
Response: 6578646
Conc: 42.97 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: 0.004 min
Response: 6357935
Conc: 43.05 ug/ml



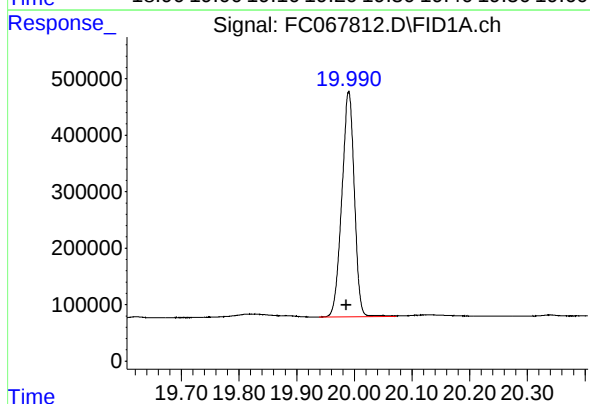
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.007 min
Response: 6213967
Conc: 49.27 ug/ml

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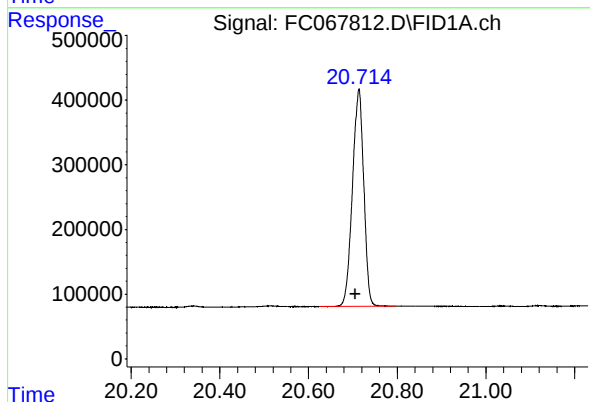
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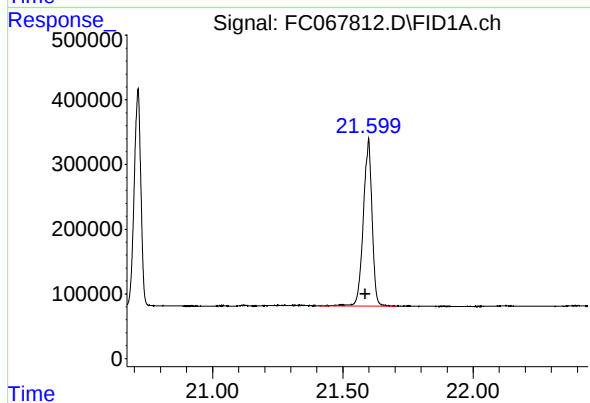
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.004 min
Response: 6022850
Conc: 57.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.008 min
Response: 5944064
Conc: 60.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.013 min
Response: 6006906
Conc: 61.63 ug/ml