

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102224AL\
 Data File : FC067487.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2024 02:29
 Operator : YP/AJ
 Sample : PB164309BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164309BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 04:51:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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...	12.936	3849203	34.005 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
Target Compounds			
1) T n-Nonane (C9)	3.274	3057838	24.123 ug/ml
2) T n-Decane (C10)	4.340	3912928	30.441 ug/ml
4) T n-Dodecane (C12)	6.356	4501163	34.688 ug/ml
6) T n-Tetradecane (C14)	8.149	4855616	37.700 ug/ml
7) T n-Hexadecane (C16)	9.748	5240992	39.371 ug/ml
8) T n-Octadecane (C18)	11.187	5496714	40.536 ug/ml
10) T n-Eicosane (C20)	12.495	5865513	44.922 ug/ml
11) T n-Heneicosane (C21)	13.106	5700667	44.447 ug/ml
13) T n-Docosane (C22)	13.691	5698783	44.631 ug/ml
14) T n-Tetracosane (C24)	14.791	5633195	44.046 ug/ml
15) T n-Hexacosane (C26)	15.812	5565510	44.141 ug/ml
16) T n-Octacosane (C28)	16.759	5506276	43.830 ug/mlm
17) T n-Tricontane (C30)	17.646	5575869	43.283 ug/ml
18) T n-Dotriacontane (C32)	18.478	5572714	44.607 ug/ml
19) T n-Tetratriacontane (C34)	19.260	5614082	51.375 ug/ml
20) T n-Hexatriacontane (C36)	19.999	5593128	59.176 ug/ml
21) T n-Octatriacontane (C38)	20.724	5700340	64.998 ug/ml
22) T n-Tetracontane (C40)	21.610	5731280	66.606 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

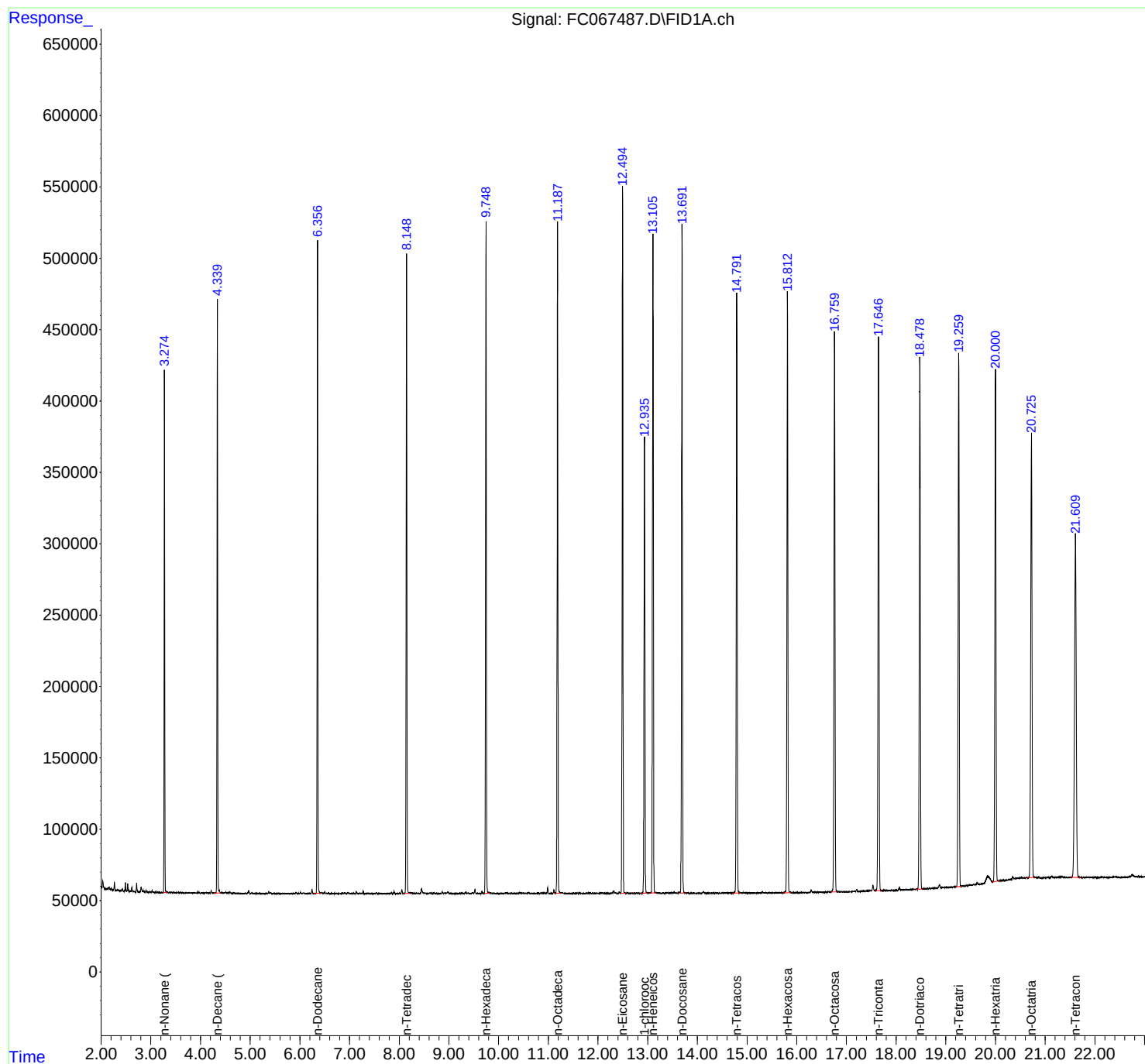
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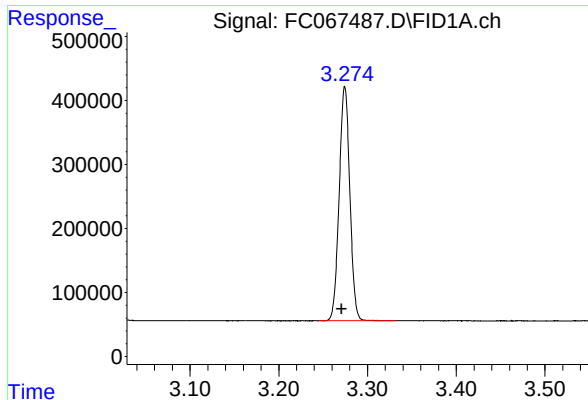
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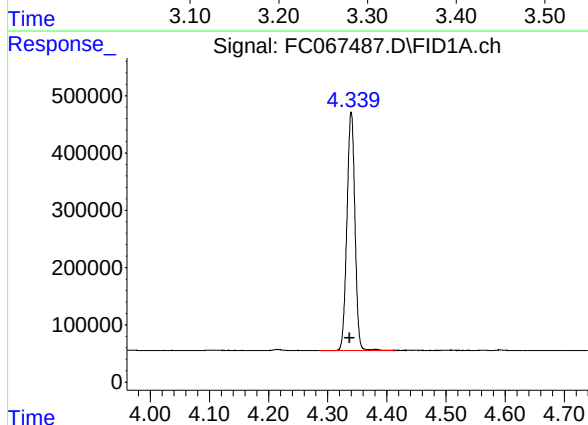
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 3057838
Conc: 24.12 ug/ml

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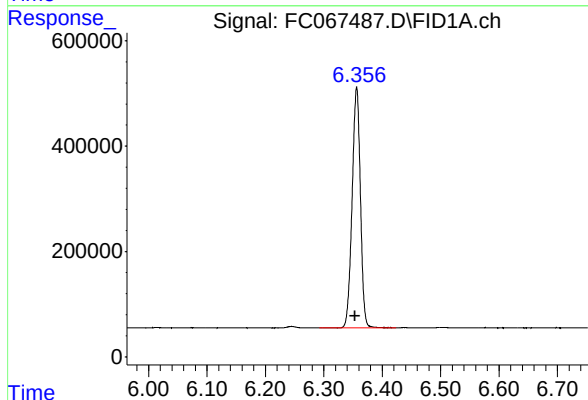
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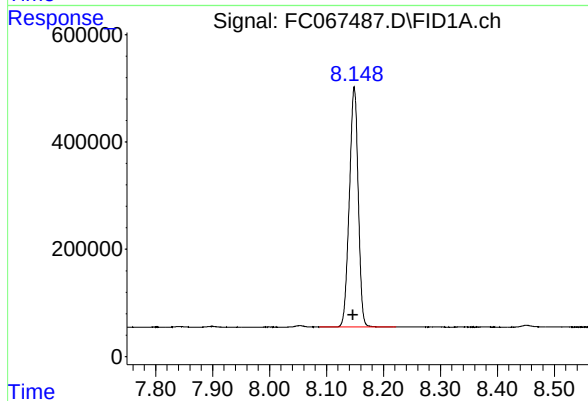
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 3912928
Conc: 30.44 ug/ml



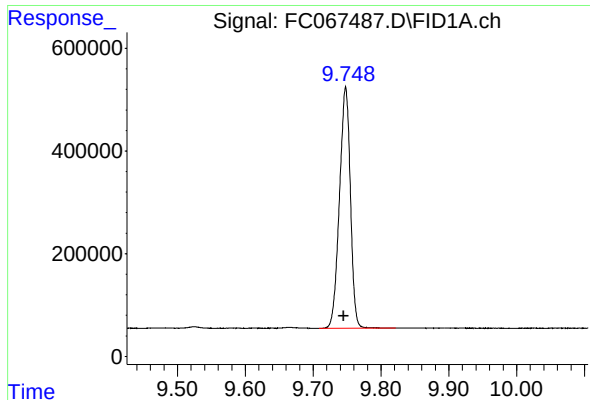
#4 n-Dodecane (C12)

R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 4501163
Conc: 34.69 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.002 min
Response: 4855616
Conc: 37.70 ug/ml



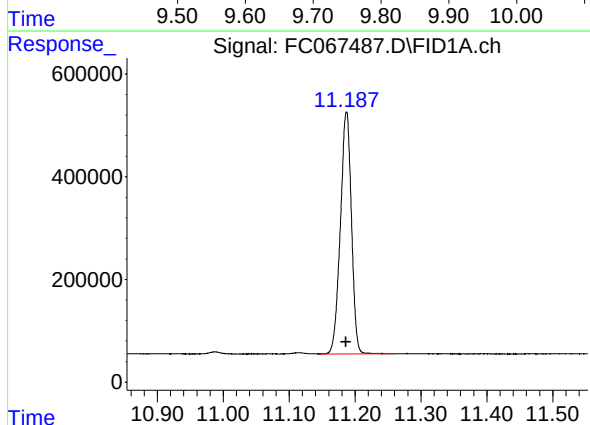
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 5240992
Conc: 39.37 ug/ml

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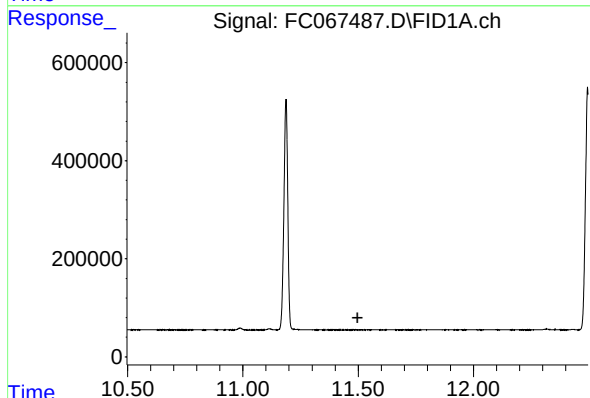
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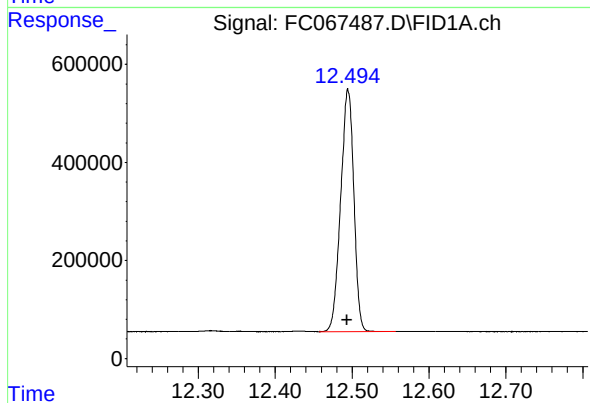
#8 n-Octadecane (C18)

R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 5496714
Conc: 40.54 ug/ml



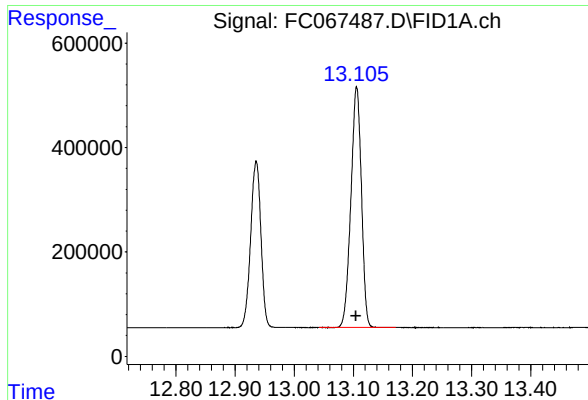
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.497 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.001 min
Response: 5865513
Conc: 44.92 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: 0.001 min
Response: 5700667
Conc: 44.45 ug/ml

Instrument :

FID_C

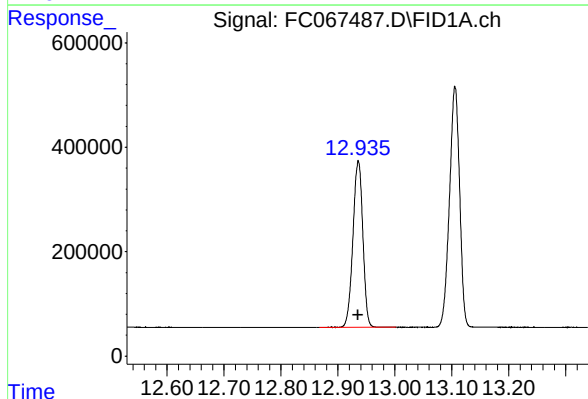
ClientSampleId :

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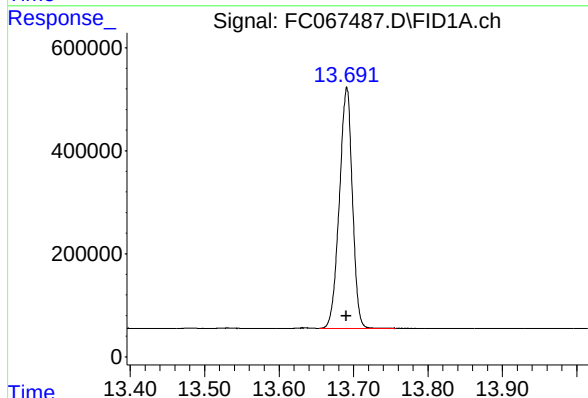
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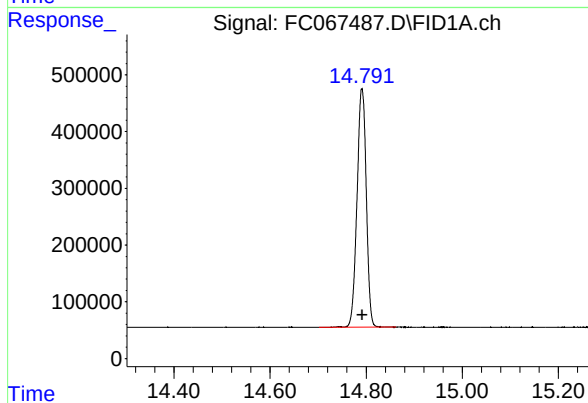
#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 3849203
Conc: 34.01 ug/ml



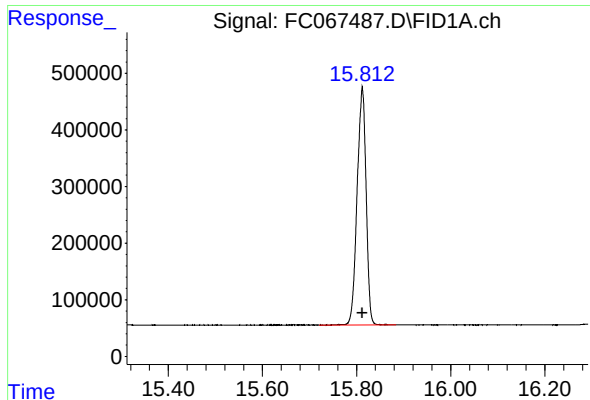
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 5698783
Conc: 44.63 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.000 min
Response: 5633195
Conc: 44.05 ug/ml



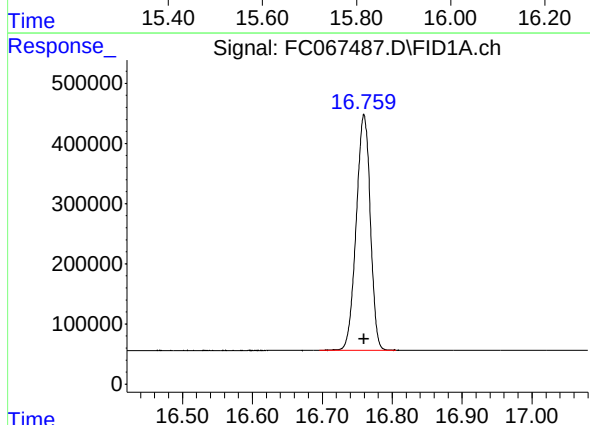
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: 0.000 min
Response: 5565510
Conc: 44.14 ug/ml

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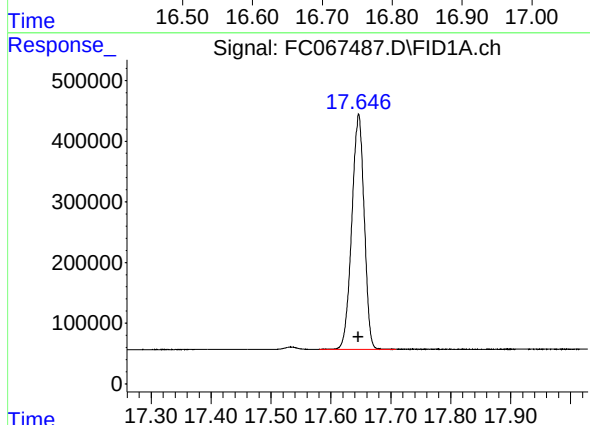
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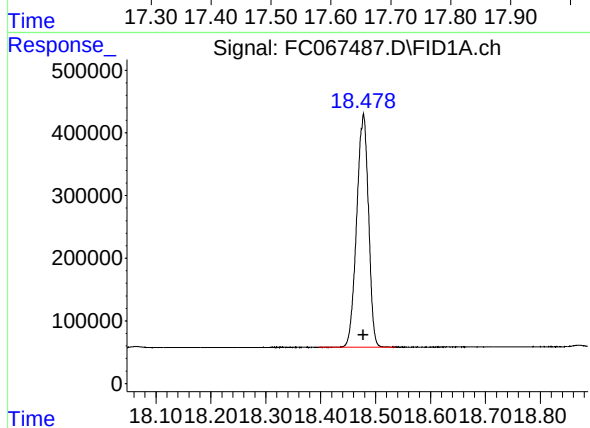
#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 5506276
Conc: 43.83 ug/ml



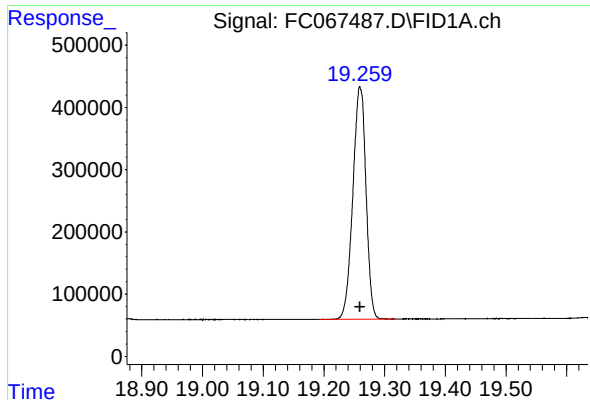
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 5575869
Conc: 43.28 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 5572714
Conc: 44.61 ug/ml



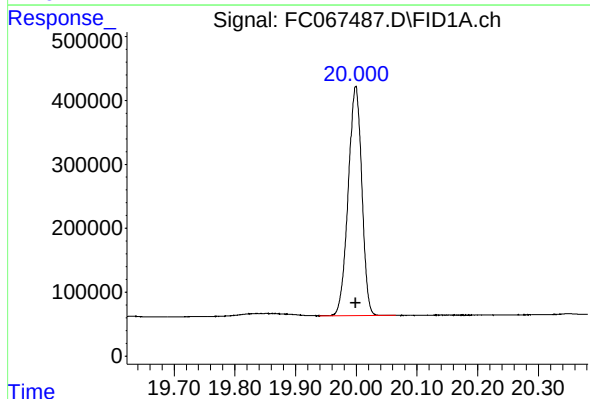
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.000 min
Response: 5614082
Conc: 51.37 ug/ml

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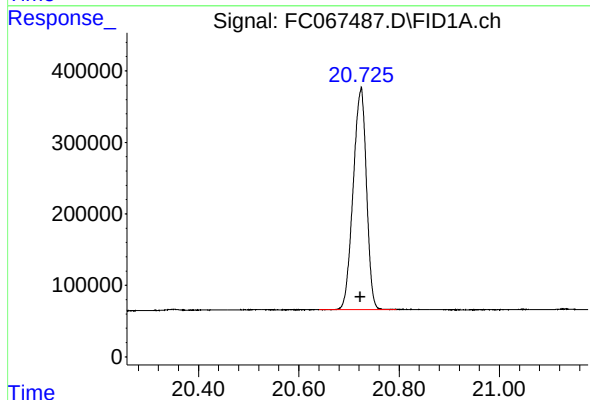
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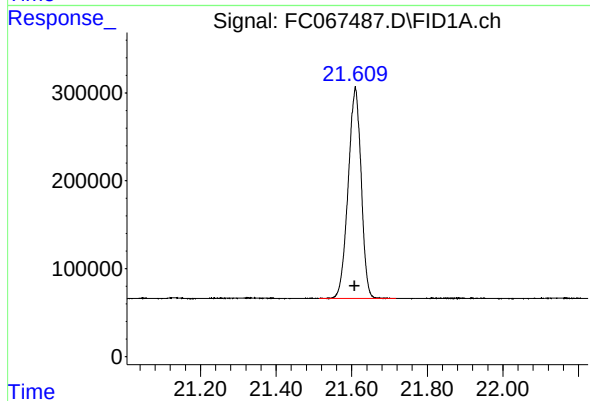
#20 n-Hexatriacontane (C36)

R.T.: 19.999 min
Delta R.T.: 0.000 min
Response: 5593128
Conc: 59.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.000 min
Response: 5700340
Conc: 65.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: 0.002 min
Response: 5731280
Conc: 66.61 ug/ml