

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067418.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2024 02:27
 Operator : YP/AJ
 Sample : P4258-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 Chamberlain AveMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:26:40 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...	12.941	2940829	25.981 ug/ml
Spiked Amount 50.000		Recovery =	51.96%
Target Compounds			
1) T n-Nonane (C9)	3.276	3148648	24.840 ug/ml
2) T n-Decane (C10)	4.342	3838839	29.864 ug/ml
4) T n-Dodecane (C12)	6.359	4304922	33.176 ug/ml
6) T n-Tetradecane (C14)	8.153	4571910	35.497 ug/ml
7) T n-Hexadecane (C16)	9.751	4810404	36.136 ug/ml
8) T n-Octadecane (C18)	11.192	5031659	37.106 ug/ml
10) T n-Eicosane (C20)	12.500	5127221	39.268 ug/ml
11) T n-Heneicosane (C21)	13.111	4946452	38.567 ug/ml
13) T n-Docosane (C22)	13.696	4939391	38.683 ug/ml
14) T n-Tetracosane (C24)	14.798	4904695	38.350 ug/ml
15) T n-Hexacosane (C26)	15.817	4867369	38.604 ug/ml
16) T n-Octacosane (C28)	16.766	4829786	38.445 ug/ml
17) T n-Tricontane (C30)	17.654	4880170	37.882 ug/ml
18) T n-Dotriacontane (C32)	18.486	4843435	38.770 ug/ml
19) T n-Tetratriacontane (C34)	19.268	4805984	43.980 ug/ml
20) T n-Hexatriacontane (C36)	20.007	4692072	49.642 ug/ml
21) T n-Octatriacontane (C38)	20.731	4521166	51.553 ug/mlm
22) T n-Tetracontane (C40)	21.622	4337947	50.413 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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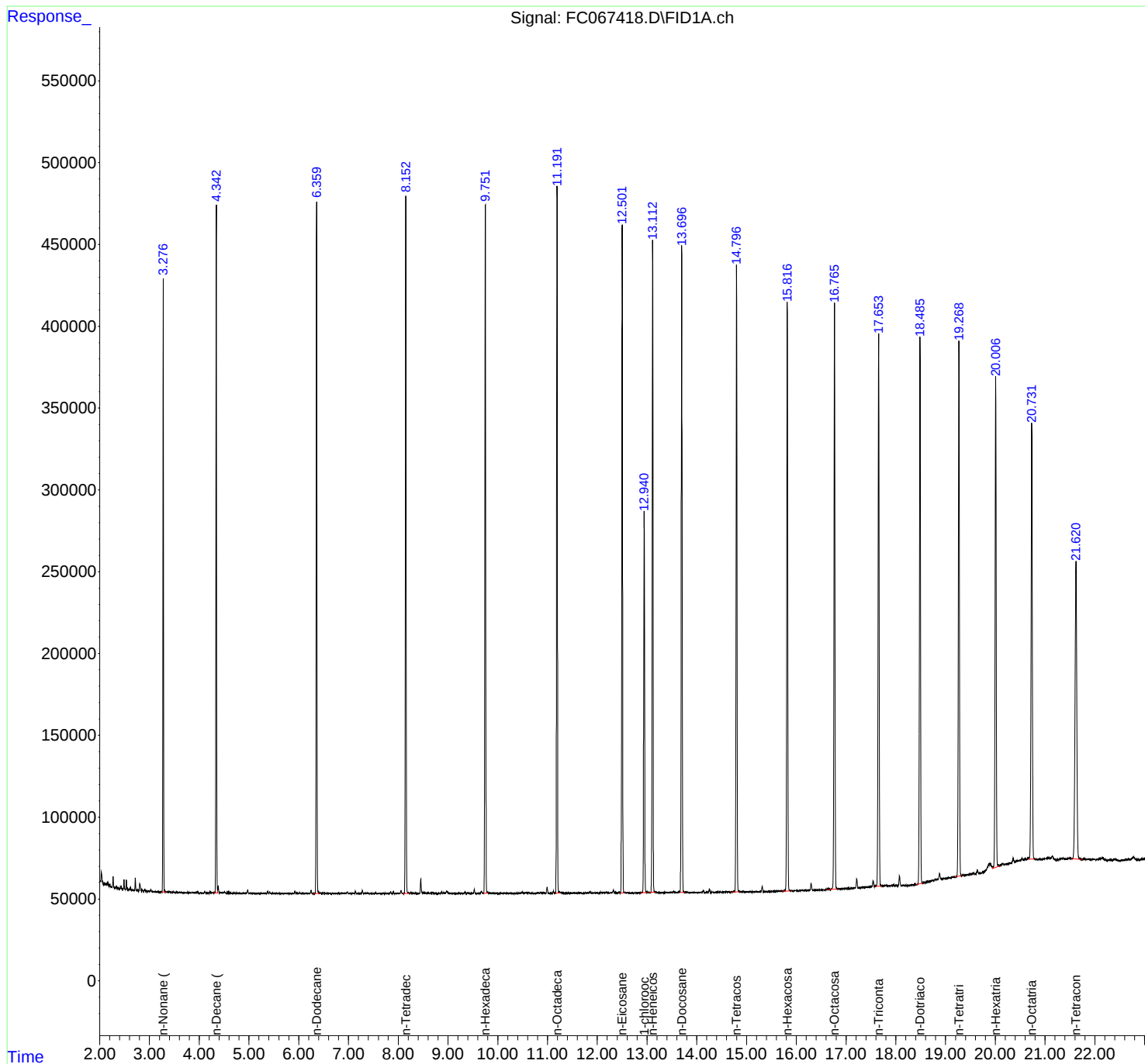
Response via : Initial Calibration

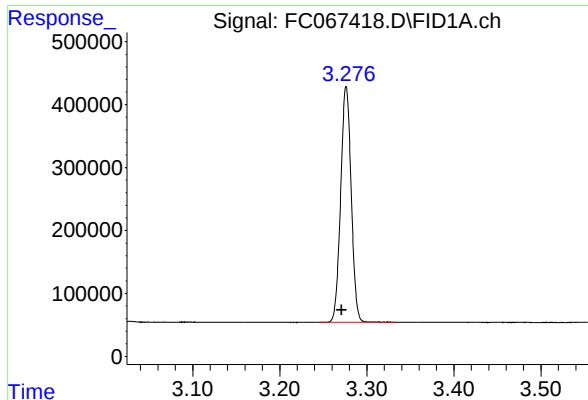
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 3148648
Conc: 24.84 ug/ml

Instrument :

FID_C

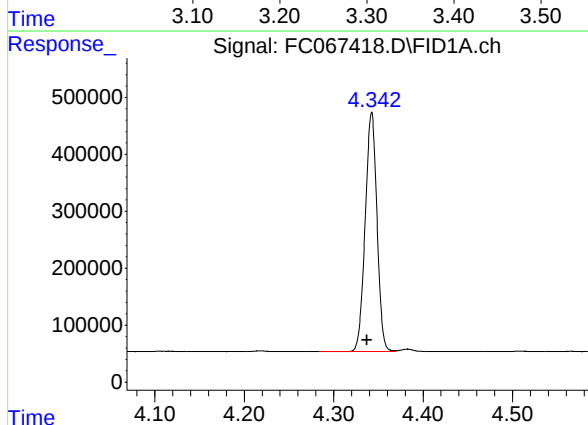
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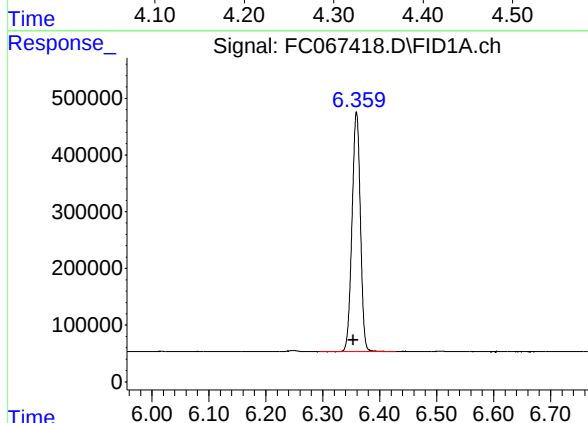
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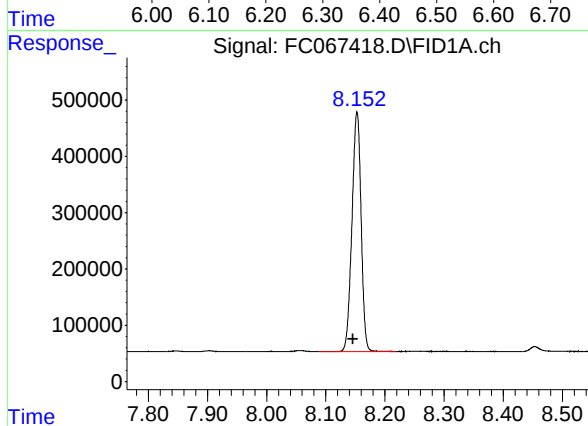
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.005 min
Response: 3838839
Conc: 29.86 ug/ml



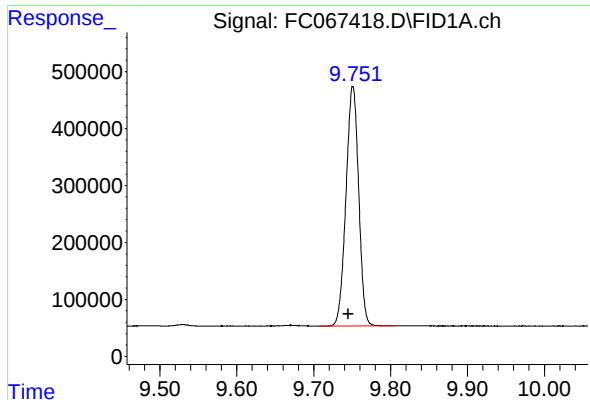
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.006 min
Response: 4304922
Conc: 33.18 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.006 min
Response: 4571910
Conc: 35.50 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.006 min
Response: 4810404
Conc: 36.14 ug/ml

Instrument :

FID_C

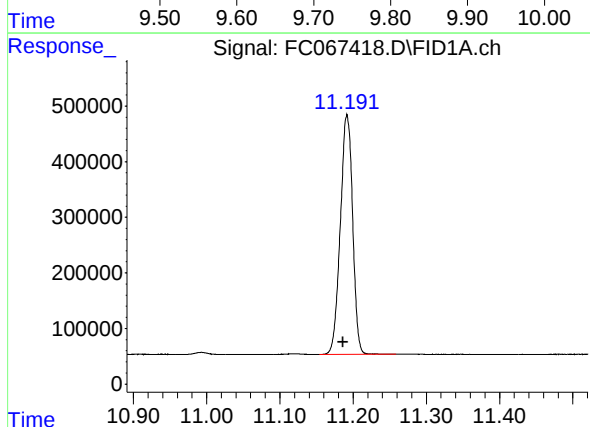
ClientSampleId :

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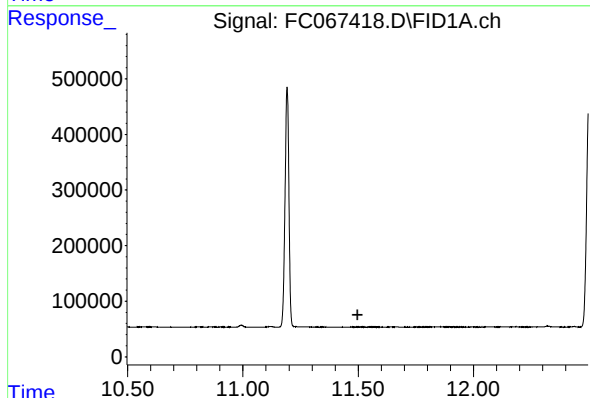
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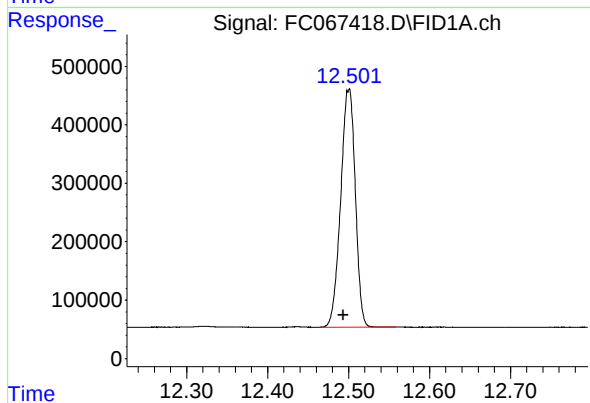
#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: 0.006 min
Response: 5031659
Conc: 37.11 ug/ml



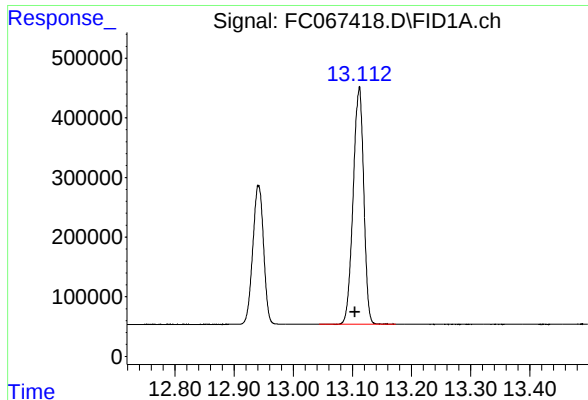
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.007 min
Response: 5127221
Conc: 39.27 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.007 min
Response: 4946452
Conc: 38.57 ug/ml

Instrument :

FID_C

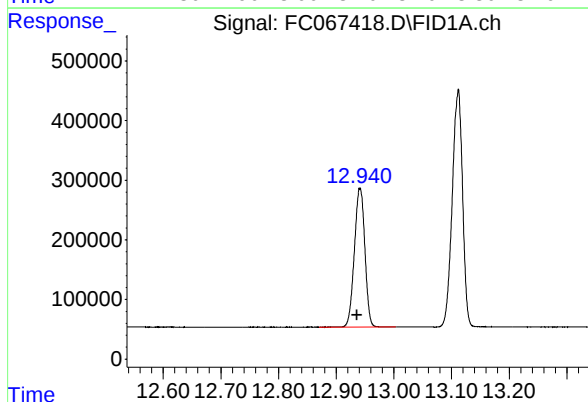
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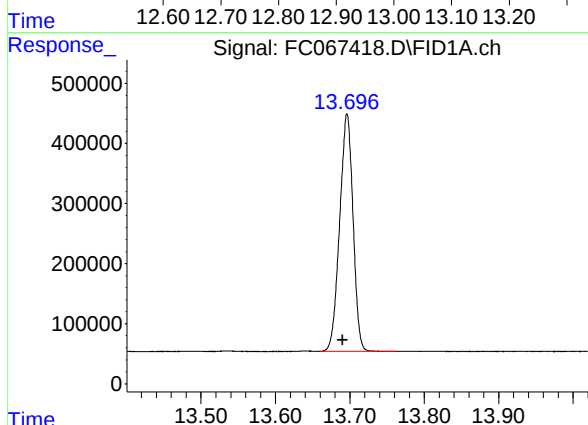
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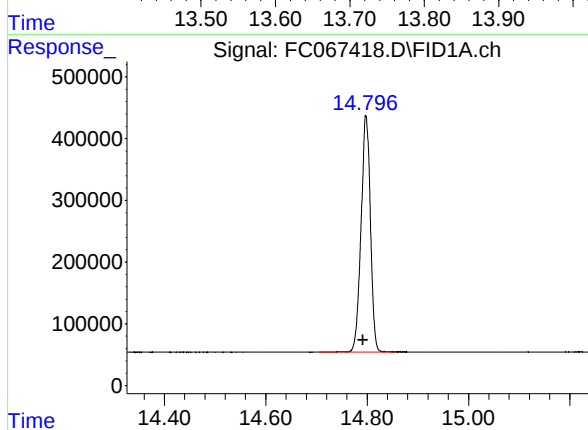
#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.006 min
Response: 2940829
Conc: 25.98 ug/ml



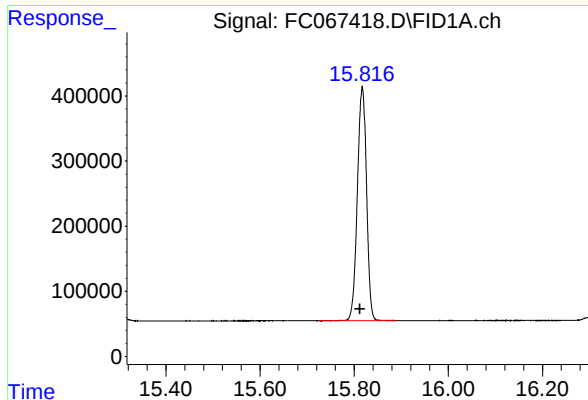
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: 0.006 min
Response: 4939391
Conc: 38.68 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.006 min
Response: 4904695
Conc: 38.35 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.005 min
Response: 4867369
Conc: 38.60 ug/ml

Instrument :

FID_C

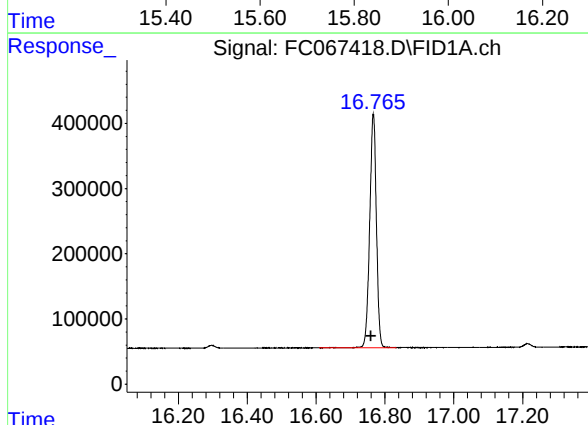
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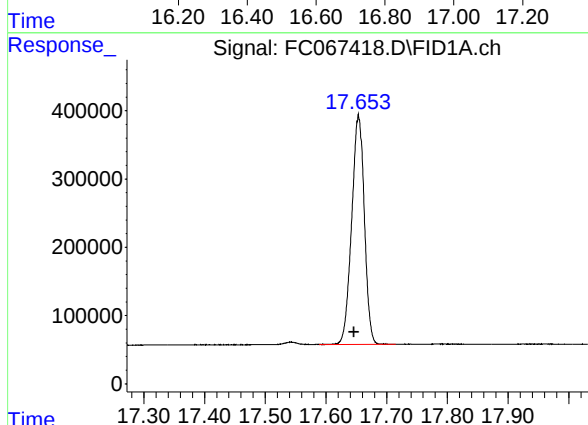
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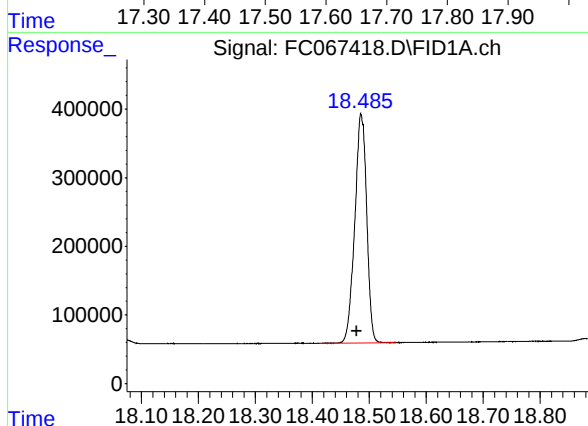
#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: 0.007 min
Response: 4829786
Conc: 38.44 ug/ml



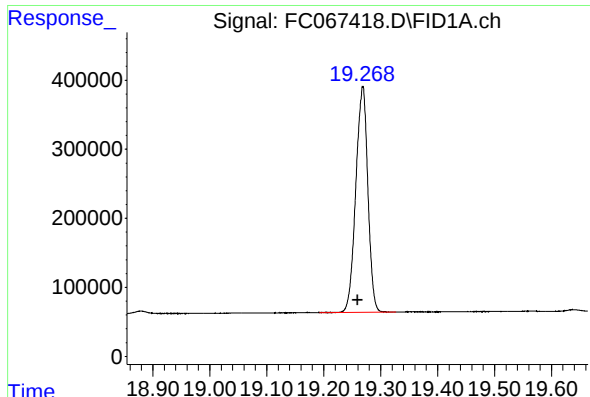
#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: 0.008 min
Response: 4880170
Conc: 37.88 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.008 min
Response: 4843435
Conc: 38.77 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: 0.009 min
Response: 4805984
Conc: 43.98 ug/ml

Instrument :

FID_C

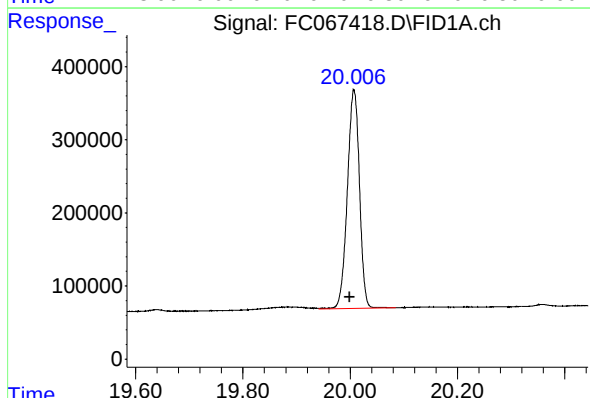
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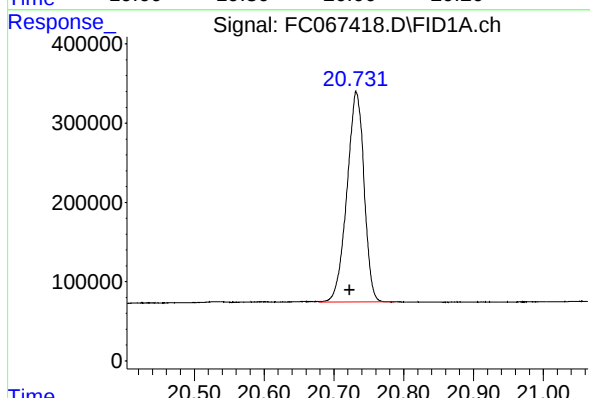
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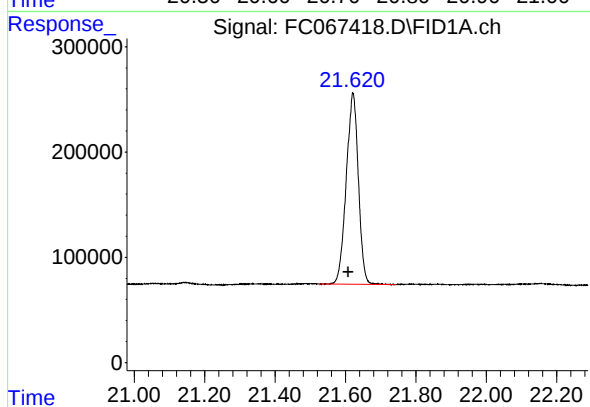
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.008 min
Response: 4692072
Conc: 49.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: 0.008 min
Response: 4521166
Conc: 51.55 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: 0.014 min
Response: 4337947
Conc: 50.41 ug/ml