

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067417.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2024 01:50
 Operator : YP/AJ
 Sample : P4258-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 Chamberlain AveMS

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 03:26:29 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...	12.942	2825735	24.964 ug/ml
Spiked Amount 50.000		Recovery =	49.93%
Target Compounds			
1) T n-Nonane (C9)	3.276	3119774	24.612 ug/ml
2) T n-Decane (C10)	4.342	3814667	29.676 ug/ml
4) T n-Dodecane (C12)	6.359	4281840	32.998 ug/ml
6) T n-Tetradecane (C14)	8.153	4550664	35.332 ug/ml
7) T n-Hexadecane (C16)	9.752	4788294	35.970 ug/ml
8) T n-Octadecane (C18)	11.192	5001743	36.885 ug/ml
10) T n-Eicosane (C20)	12.500	5089832	38.982 ug/ml
11) T n-Heneicosane (C21)	13.112	4907863	38.266 ug/ml
13) T n-Docosane (C22)	13.697	4895767	38.342 ug/ml
14) T n-Tetracosane (C24)	14.799	4852829	37.945 ug/ml
15) T n-Hexacosane (C26)	15.818	4810559	38.153 ug/ml
16) T n-Octacosane (C28)	16.768	4785460	38.092 ug/ml
17) T n-Tricontane (C30)	17.653	4856449	37.698 ug/ml
18) T n-Dotriacontane (C32)	18.485	4822889	38.605 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	4790118	43.834 ug/mlm
20) T n-Hexatriacontane (C36)	20.008	4660090	49.304 ug/ml
21) T n-Octatriacontane (C38)	20.733	4480511	51.089 ug/mlm
22) T n-Tetracontane (C40)	21.623	4338434	50.419 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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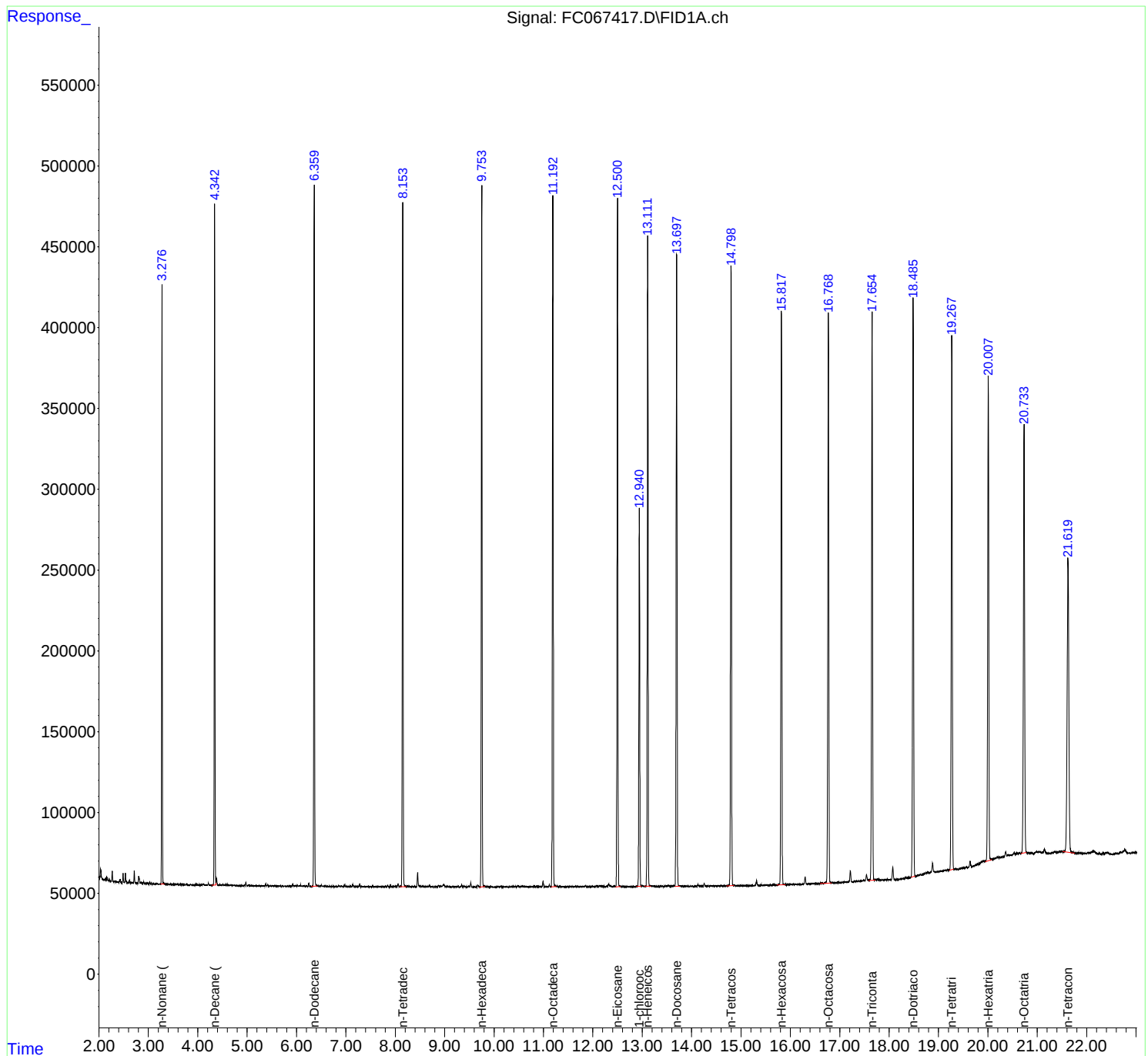
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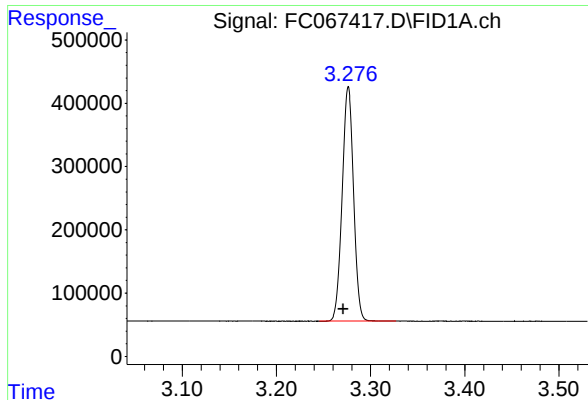
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#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 3119774
Conc: 24.61 ug/ml

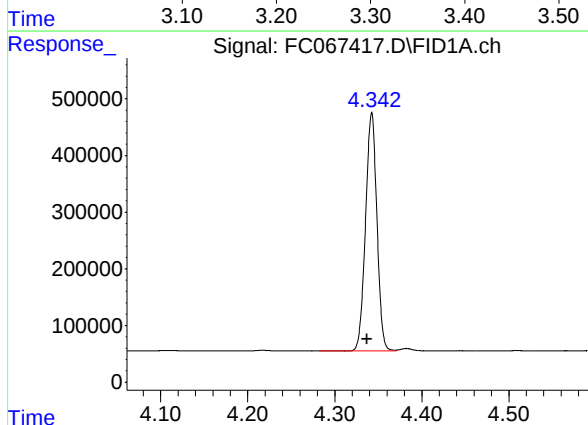
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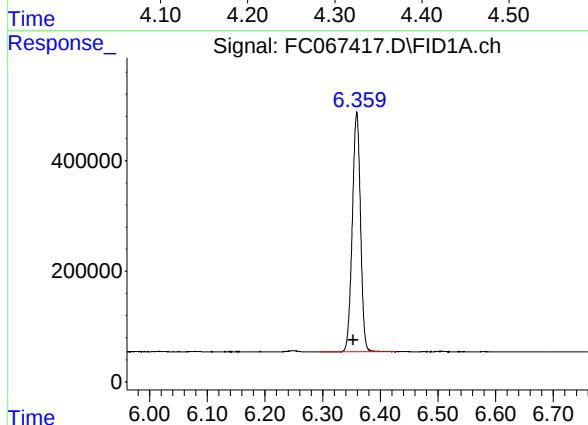
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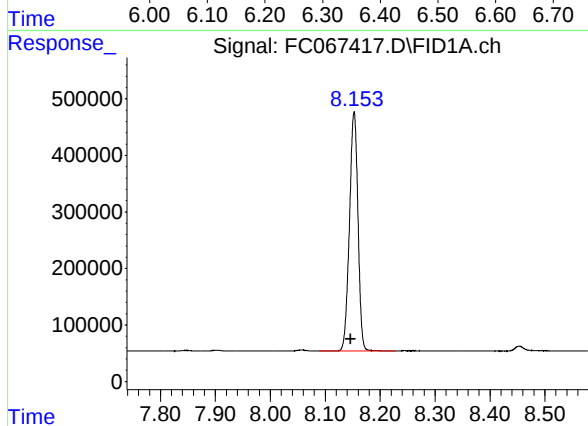
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.005 min
Response: 3814667
Conc: 29.68 ug/ml



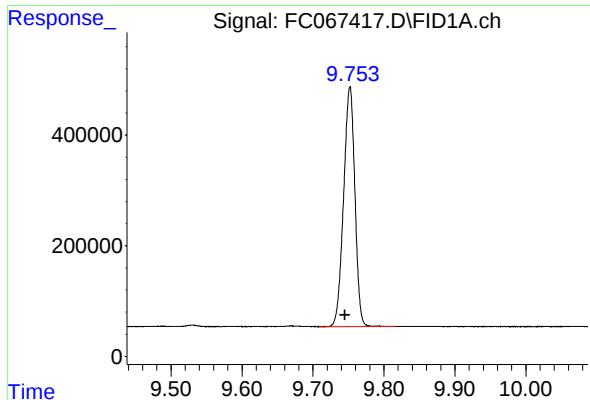
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.006 min
Response: 4281840
Conc: 33.00 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.006 min
Response: 4550664
Conc: 35.33 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.007 min
Response: 4788294
Conc: 35.97 ug/ml

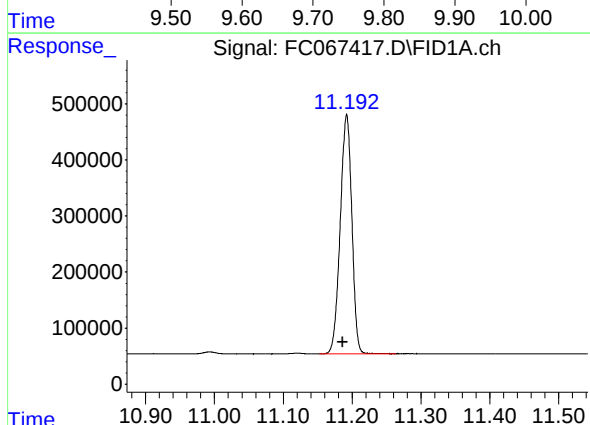
Instrument :

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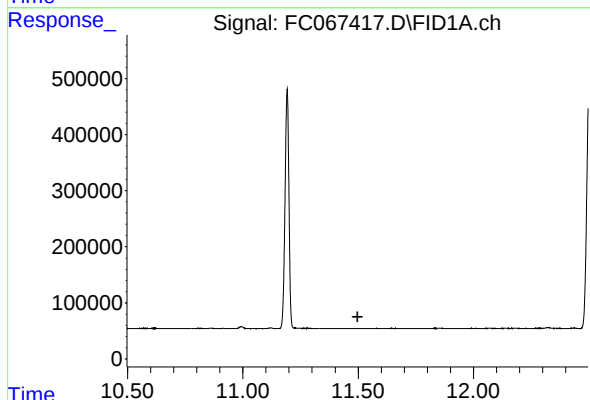
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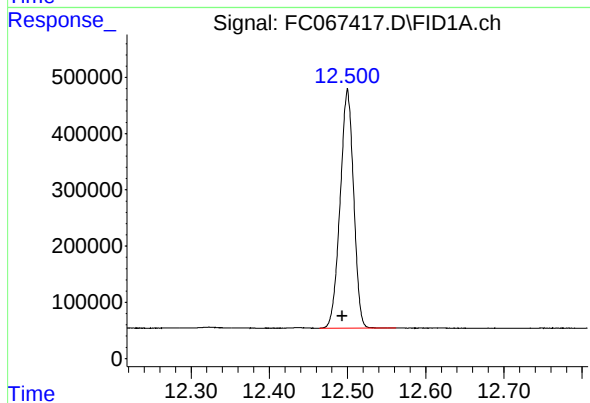
#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: 0.006 min
Response: 5001743
Conc: 36.89 ug/ml



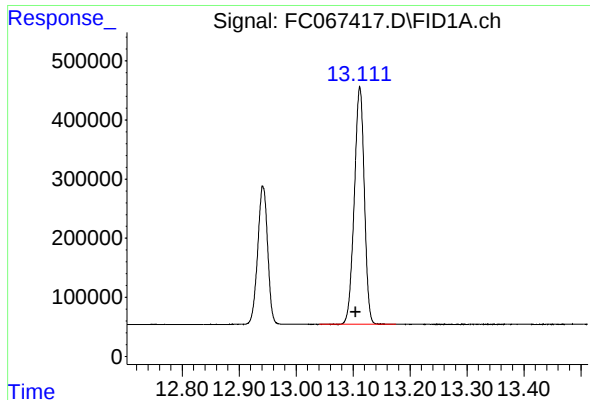
#9 ortho-Terphenyl (SURR)

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.: 0.006 min
Response: 5089832
Conc: 38.98 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.007 min
Response: 4907863
Conc: 38.27 ug/ml

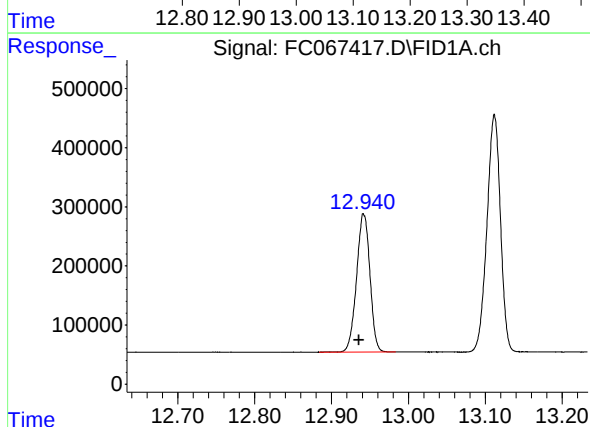
Instrument :

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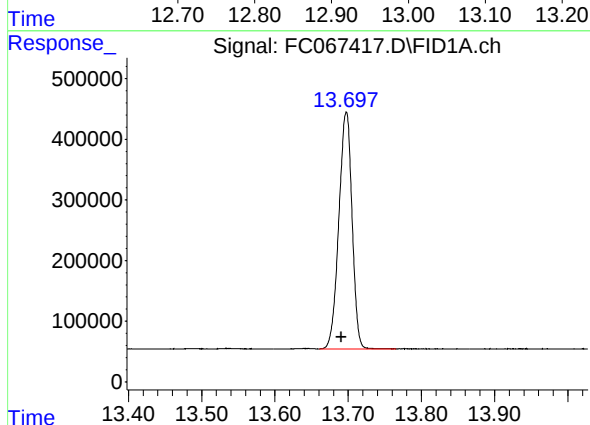
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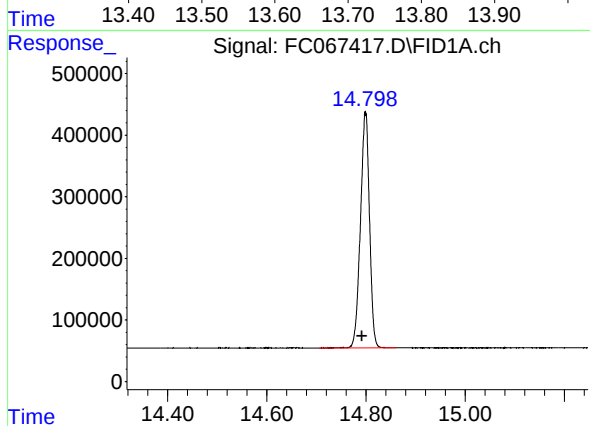
#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: 0.006 min
Response: 2825735
Conc: 24.96 ug/ml



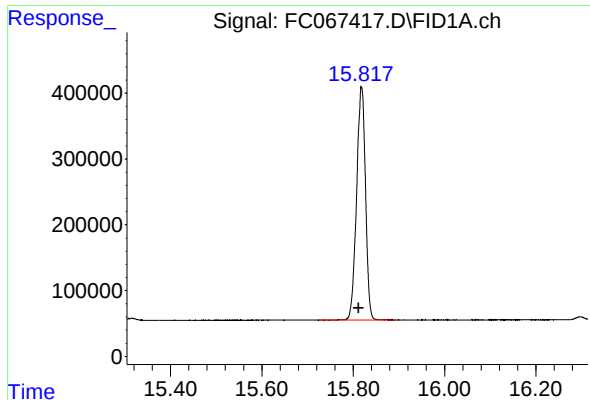
#13 n-Docosane (C22)

R.T.: 13.697 min
Delta R.T.: 0.007 min
Response: 4895767
Conc: 38.34 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.007 min
Response: 4852829
Conc: 37.94 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.006 min
Response: 4810559
Conc: 38.15 ug/ml

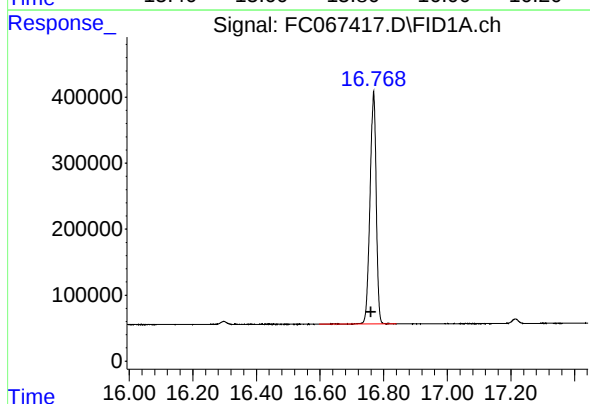
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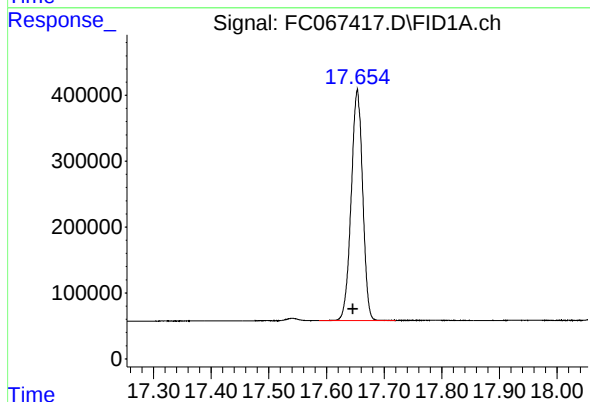
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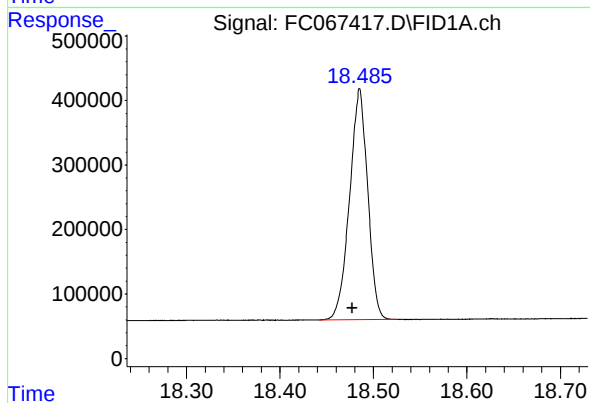
#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: 0.008 min
Response: 4785460
Conc: 38.09 ug/ml



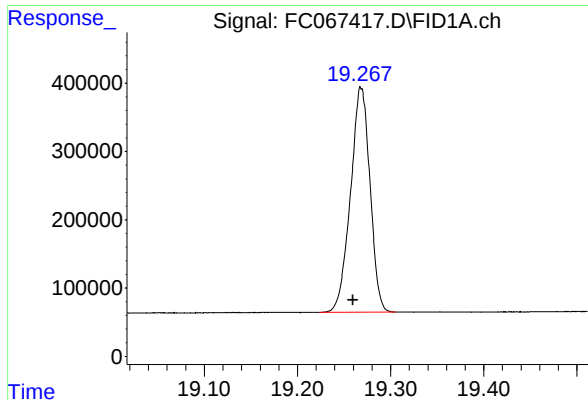
#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: 0.007 min
Response: 4856449
Conc: 37.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: 0.008 min
Response: 4822889
Conc: 38.61 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.007 min
Response: 4790118
Conc: 43.83 ug/ml

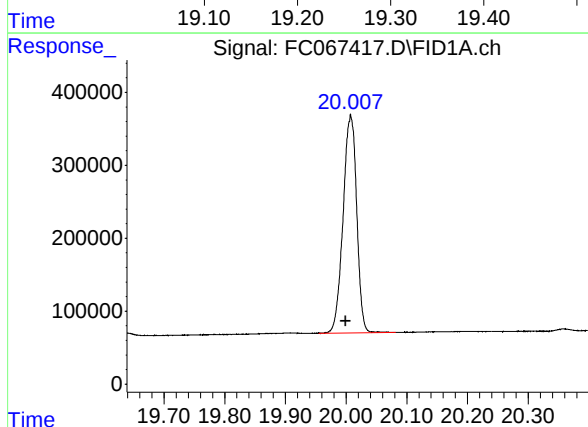
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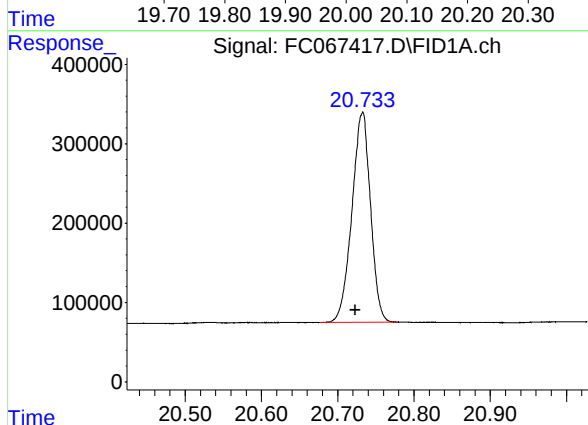
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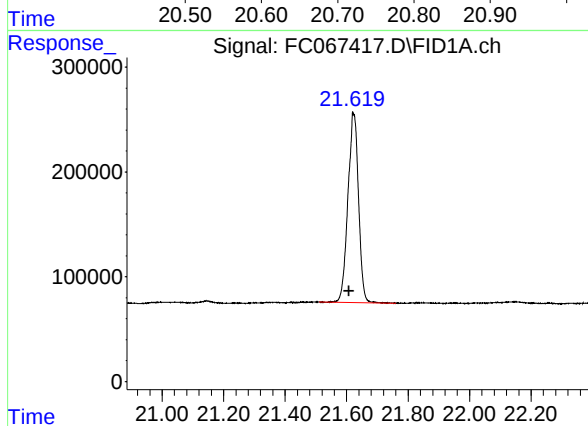
#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: 0.008 min
Response: 4660090
Conc: 49.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.010 min
Response: 4480511
Conc: 51.09 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: 0.015 min
Response: 4338434
Conc: 50.42 ug/ml