

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022525AL\
 Data File : FC068298.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 16:59
 Operator : YP/AJ
 Sample : PB166863BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166863BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e
 Quant Time: Mar 05 04:25:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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...	12.843	4496924	39.982 ug/ml
Spiked Amount 50.000		Recovery =	79.96%
Target Compounds			
1) T n-Nonane (C9)	3.207	3285660	23.356 ug/ml
2) T n-Decane (C10)	4.263	4185108	29.541 ug/ml
4) T n-Dodecane (C12)	6.272	4932731	35.044 ug/ml
6) T n-Tetradecane (C14)	8.061	5376672	39.435 ug/ml
7) T n-Hexadecane (C16)	9.657	5577654	40.723 ug/ml
8) T n-Octadecane (C18)	11.096	5804058	42.440 ug/ml
10) T n-Eicosane (C20)	12.402	6071641	46.602 ug/ml
11) T n-Heneicosane (C21)	13.013	5796518	45.339 ug/ml
13) T n-Docosane (C22)	13.598	5740028	45.546 ug/ml
14) T n-Tetracosane (C24)	14.700	5626795	45.240 ug/ml
15) T n-Hexacosane (C26)	15.719	5512084	45.332 ug/ml
16) T n-Octacosane (C28)	16.667	5352082	45.064 ug/ml
17) T n-Tricontane (C30)	17.552	5468791	45.435 ug/mlm
18) T n-Dotriacontane (C32)	18.384	5422072	46.715 ug/mlm
19) T n-Tetratriacontane (C34)	19.168	5357393	49.579 ug/ml
20) T n-Hexatriacontane (C36)	19.907	5113233	53.169 ug/ml
21) T n-Octatriacontane (C38)	20.620	4922998	54.762 ug/ml
22) T n-Tetracontane (C40)	21.476	4711323	54.453 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB166863BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

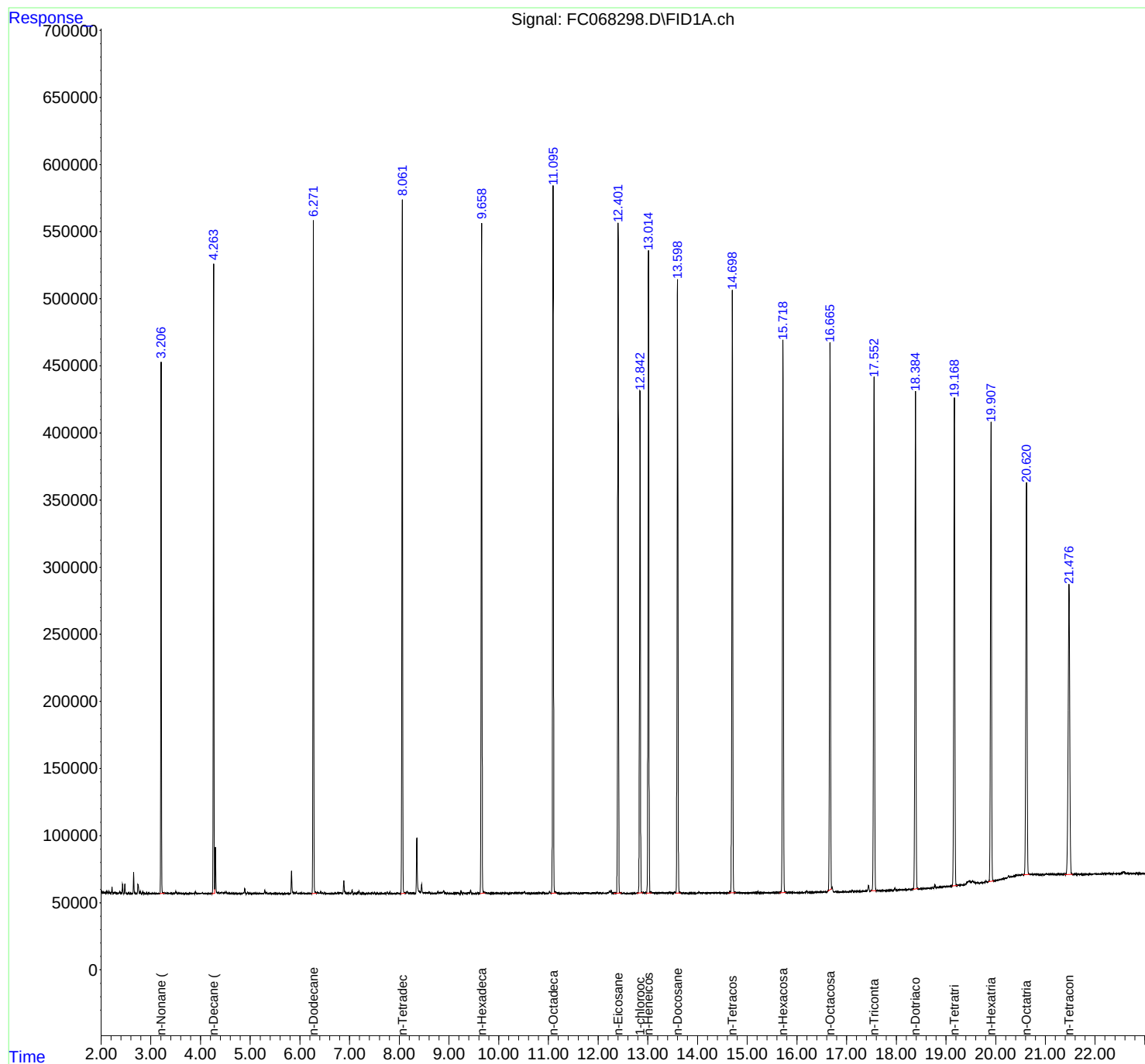
Instrument :
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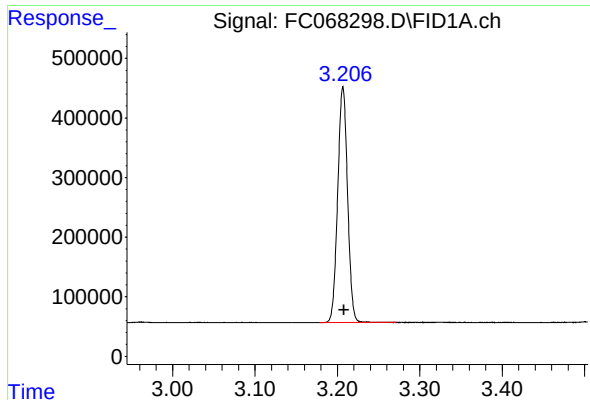
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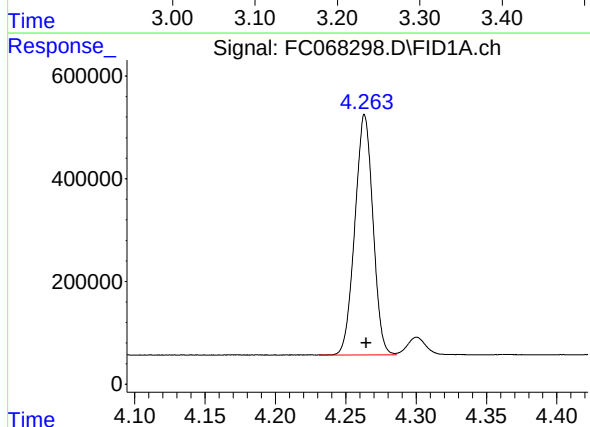
#1 n-Nonane (C9)

R.T.: 3.207 min
Delta R.T.: -0.001 min
Response: 3285660
Conc: 23.36 ug/ml

Instrument :
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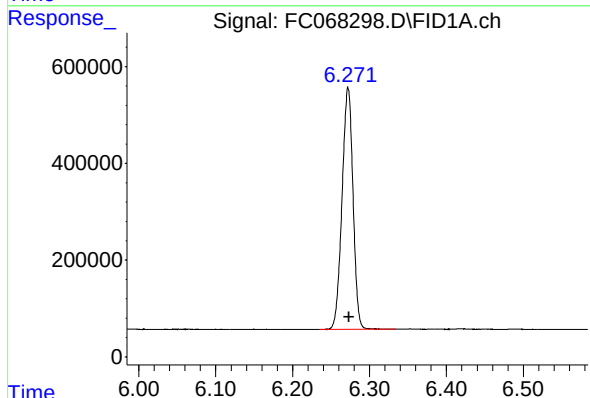
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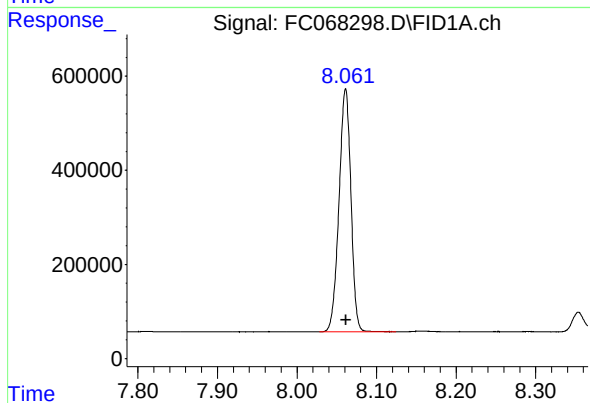
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 4185108
Conc: 29.54 ug/ml



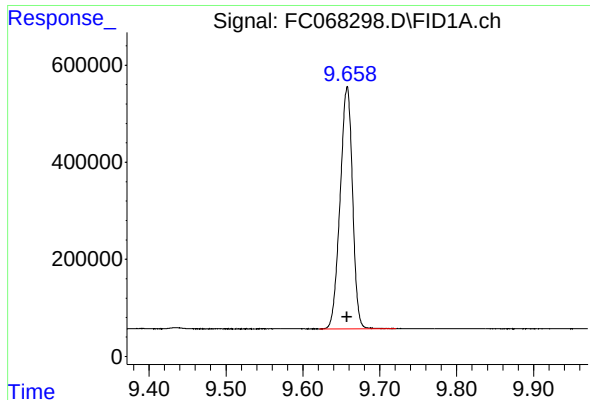
#4 n-Dodecane (C12)

R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 4932731
Conc: 35.04 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 5376672
Conc: 39.43 ug/ml



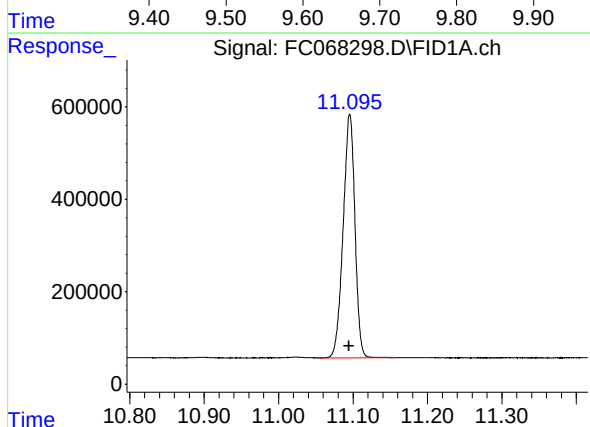
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 5577654
Conc: 40.72 ug/ml

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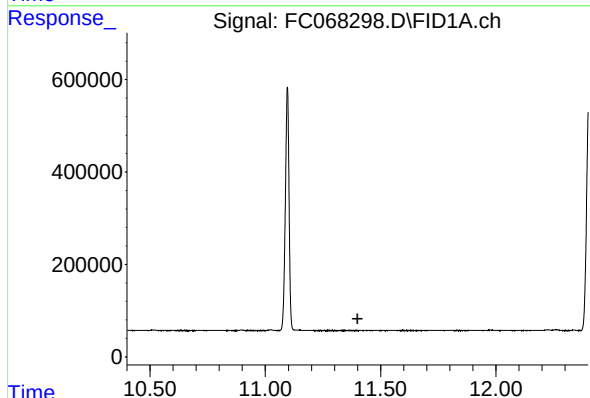
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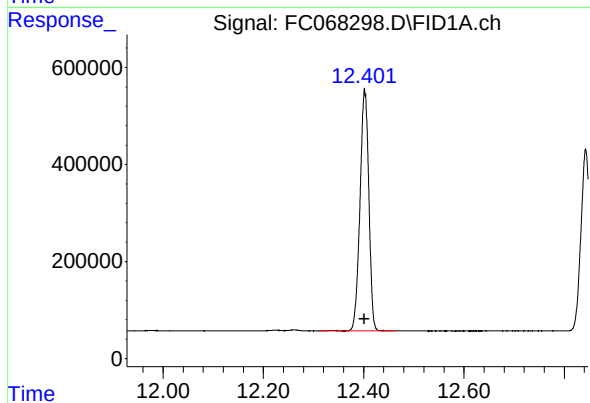
#8 n-Octadecane (C18)

R.T.: 11.096 min
Delta R.T.: 0.000 min
Response: 5804058
Conc: 42.44 ug/ml



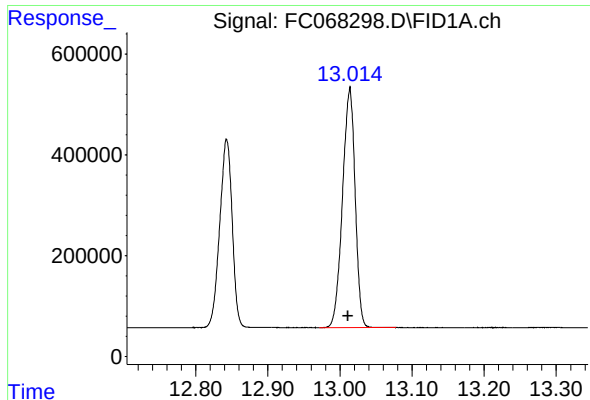
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.400 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.402 min
Delta R.T.: 0.001 min
Response: 6071641
Conc: 46.60 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.013 min
Delta R.T.: 0.003 min
Response: 5796518
Conc: 45.34 ug/ml

Instrument :

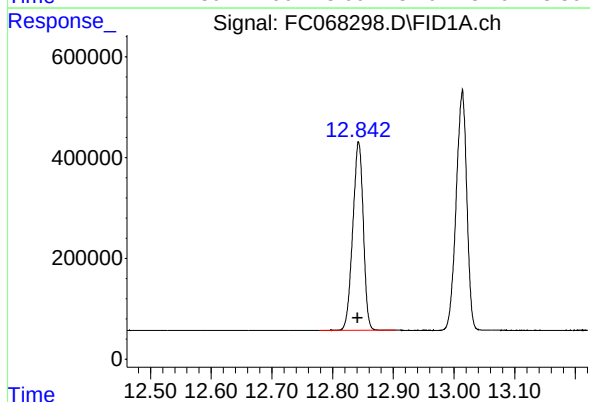
FID_C

ClientSampleId :

PB166863BSD

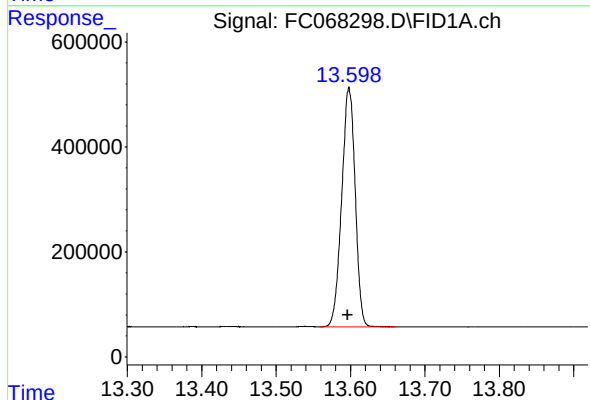
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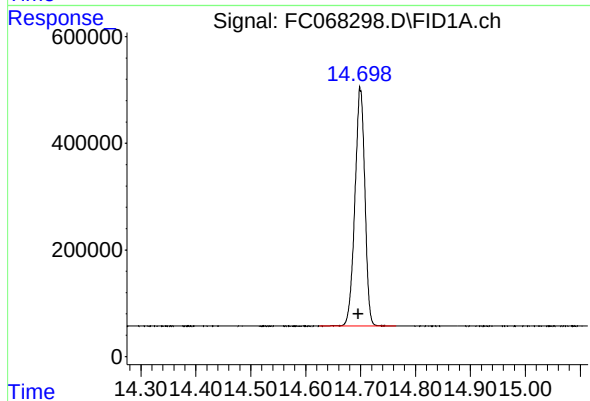
#12 1-chlorooctadecane (SURR)

R.T.: 12.843 min
Delta R.T.: 0.001 min
Response: 4496924
Conc: 39.98 ug/ml



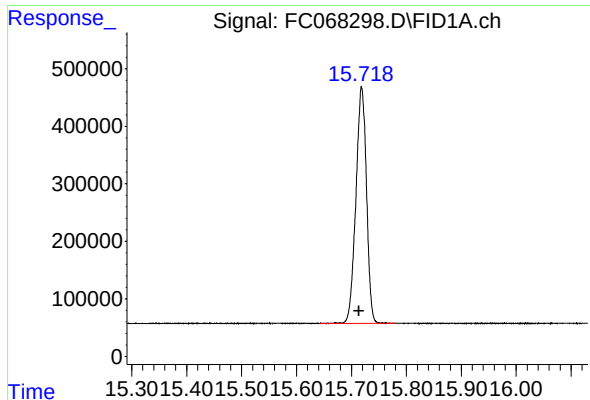
#13 n-Docosane (C22)

R.T.: 13.598 min
Delta R.T.: 0.002 min
Response: 5740028
Conc: 45.55 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.700 min
Delta R.T.: 0.004 min
Response: 5626795
Conc: 45.24 ug/ml



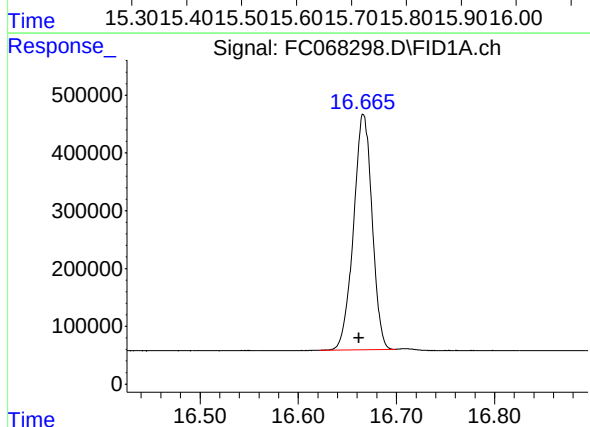
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: 0.005 min
Response: 5512084
Conc: 45.33 ug/ml

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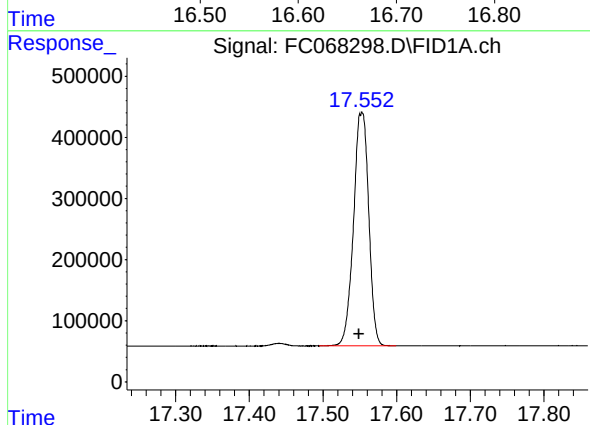
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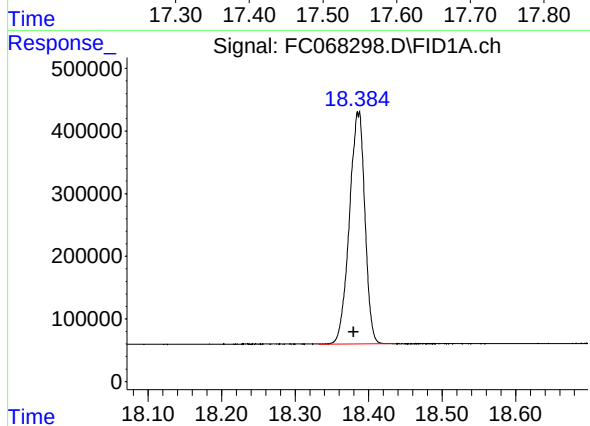
#16 n-Octacosane (C28)

R.T.: 16.667 min
Delta R.T.: 0.005 min
Response: 5352082
Conc: 45.06 ug/ml



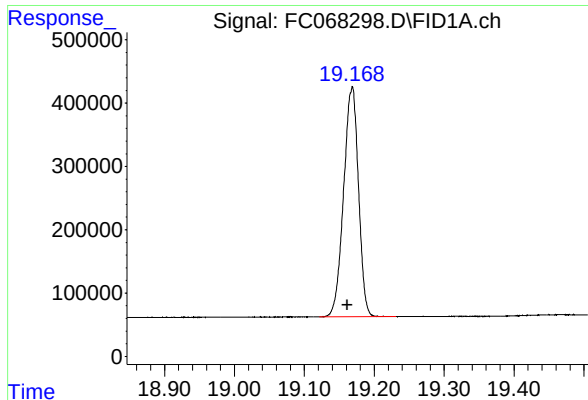
#17 n-Tricontane (C30)

R.T.: 17.552 min
Delta R.T.: 0.003 min
Response: 5468791
Conc: 45.43 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.005 min
Response: 5422072
Conc: 46.72 ug/ml m



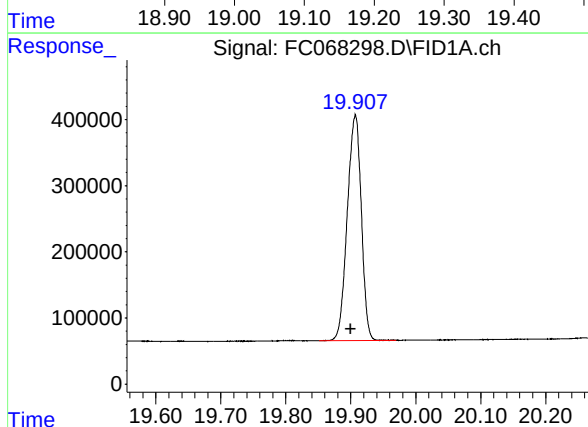
#19 n-Tetratriacontane (C34)

R.T.: 19.168 min
Delta R.T.: 0.007 min
Response: 5357393
Conc: 49.58 ug/ml

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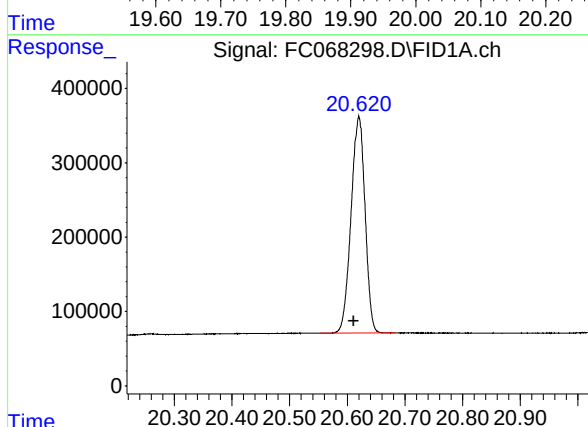
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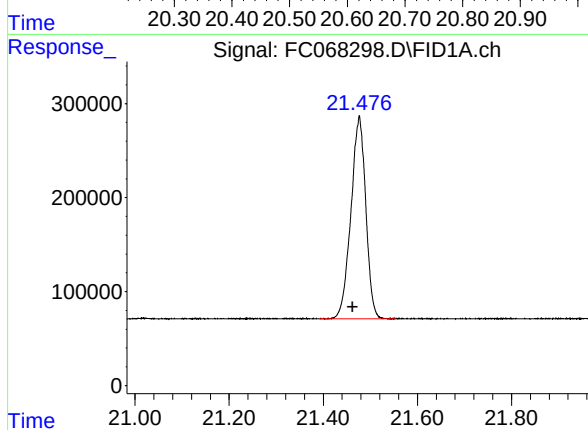
#20 n-Hexatriacontane (C36)

R.T.: 19.907 min
Delta R.T.: 0.007 min
Response: 5113233
Conc: 53.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.620 min
Delta R.T.: 0.009 min
Response: 4922998
Conc: 54.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: 0.014 min
Response: 4711323
Conc: 54.45 ug/ml