

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068371.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 17:12
 Operator : YP/AJ
 Sample : PB166976BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166976BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/06/2025
 Supervised By :mohammad ahmed 03/07/2025

Integration File: autoint1.e
 Quant Time: Mar 05 22:33:10 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...	12.835	4989985	44.366 ug/ml
Spiked Amount 50.000		Recovery =	88.73%
Target Compounds			
1) T n-Nonane (C9)	3.202	2915968	20.728 ug/mlm
2) T n-Decane (C10)	4.259	3555925	25.100 ug/ml
4) T n-Dodecane (C12)	6.267	4530569	32.187 ug/ml
6) T n-Tetradecane (C14)	8.055	5057084	37.091 ug/ml
7) T n-Hexadecane (C16)	9.651	5376555	39.255 ug/ml
8) T n-Octadecane (C18)	11.089	5618922	41.086 ug/ml
10) T n-Eicosane (C20)	12.395	5974676	45.858 ug/ml
11) T n-Heneicosane (C21)	13.005	5772498	45.151 ug/ml
13) T n-Docosane (C22)	13.591	5744572	45.582 ug/ml
14) T n-Tetracosane (C24)	14.691	5641632	45.359 ug/ml
15) T n-Hexacosane (C26)	15.710	5522630	45.419 ug/ml
16) T n-Octacosane (C28)	16.658	5356837	45.104 ug/ml
17) T n-Tricontane (C30)	17.544	5380902	44.704 ug/ml
18) T n-Dotriacontane (C32)	18.375	5335339	45.968 ug/ml
19) T n-Tetratriacontane (C34)	19.157	5245337	48.542 ug/ml
20) T n-Hexatriacontane (C36)	19.898	5039804	52.406 ug/ml
21) T n-Octatriacontane (C38)	20.609	4927229	54.809 ug/ml
22) T n-Tetracontane (C40)	21.461	4792754	55.394 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

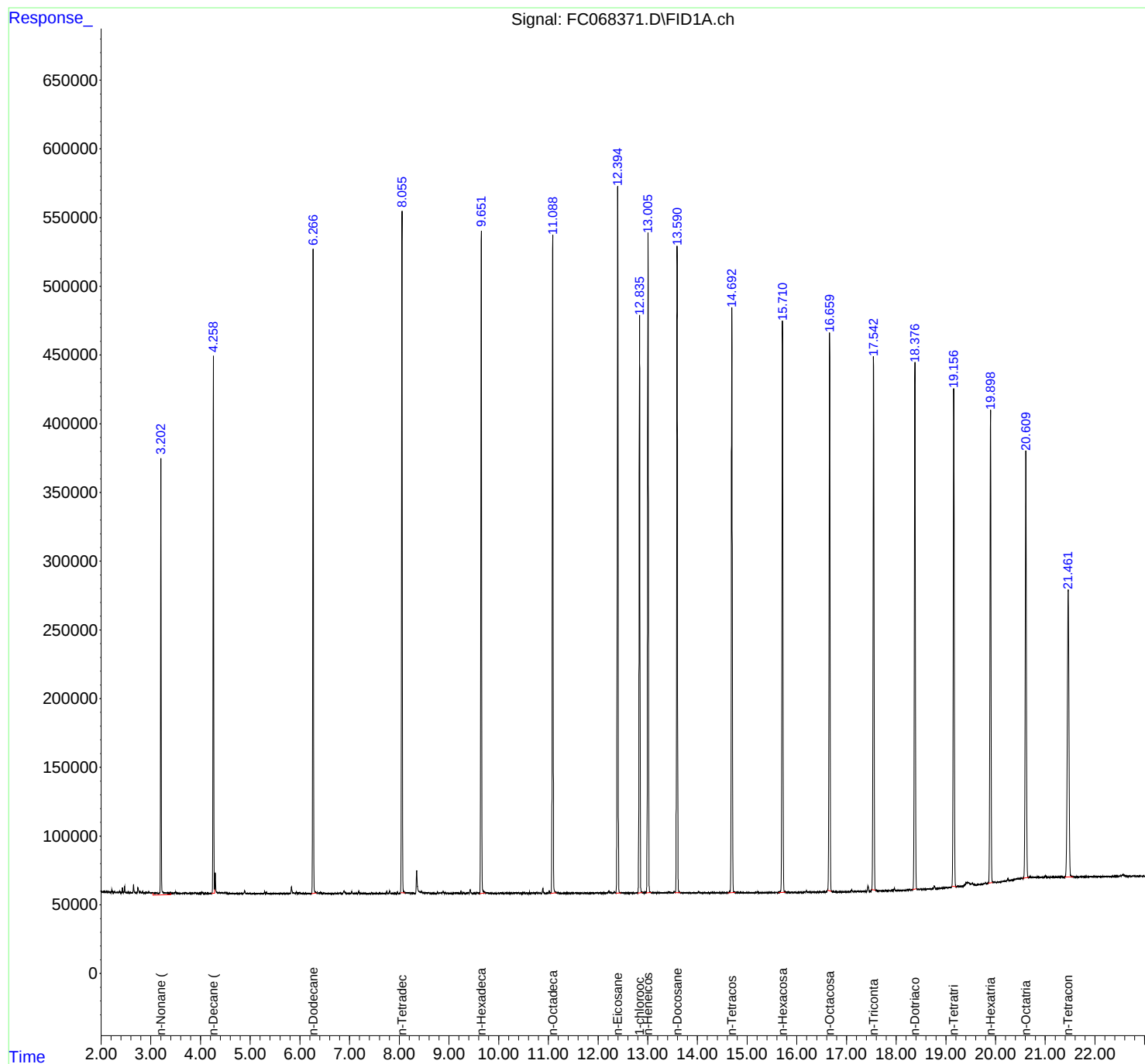
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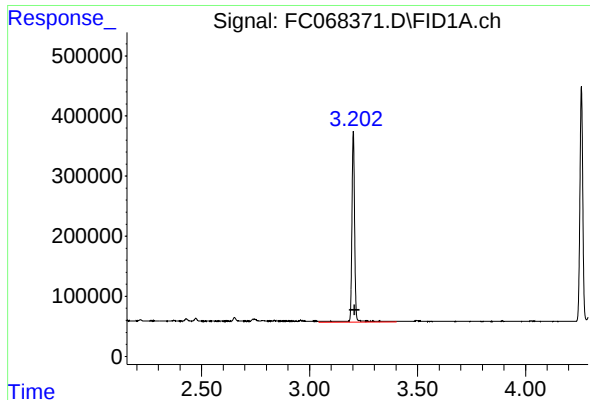
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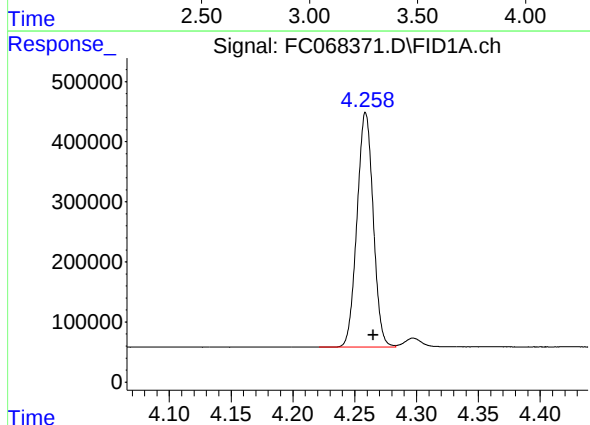
#1 n-Nonane (C9)

R.T.: 3.202 min
Delta R.T.: -0.006 min
Response: 2915968
Conc: 20.73 ug/ml

Instrument :
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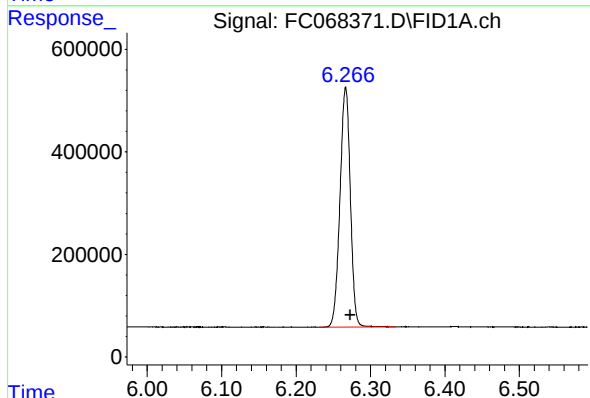
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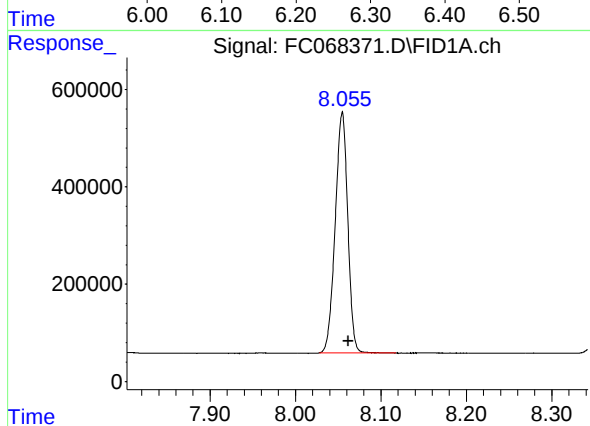
#2 n-Decane (C10)

R.T.: 4.259 min
Delta R.T.: -0.006 min
Response: 3555925
Conc: 25.10 ug/ml



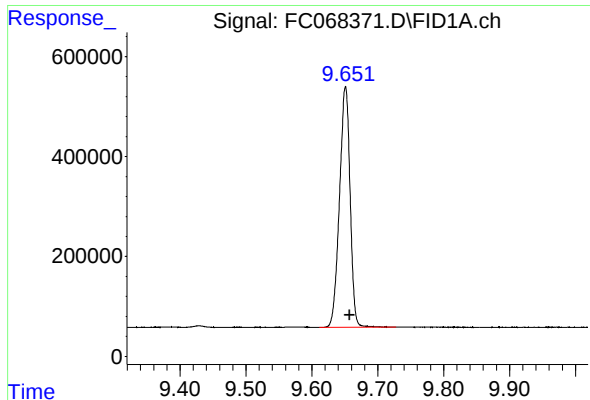
#4 n-Dodecane (C12)

R.T.: 6.267 min
Delta R.T.: -0.006 min
Response: 4530569
Conc: 32.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: -0.007 min
Response: 5057084
Conc: 37.09 ug/ml



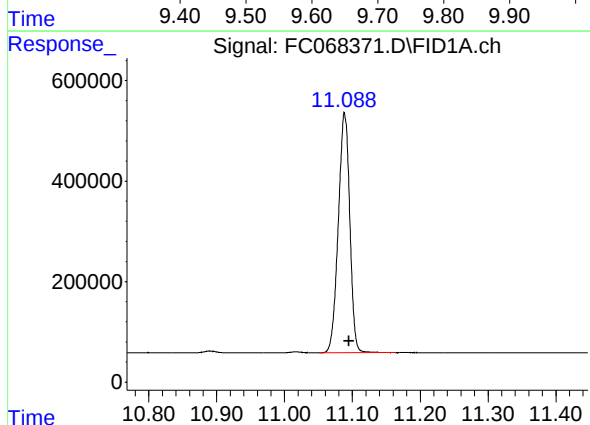
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: -0.007 min
Response: 5376555
Conc: 39.25 ug/ml

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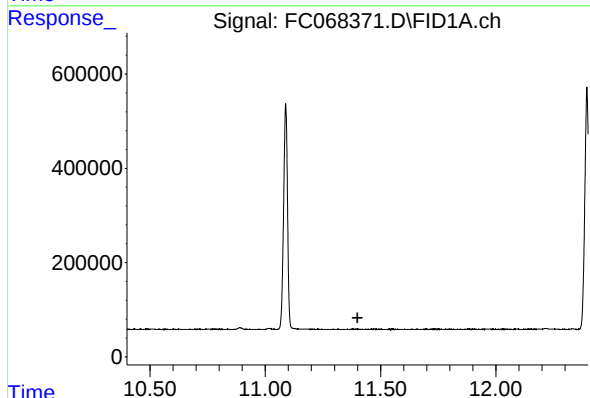
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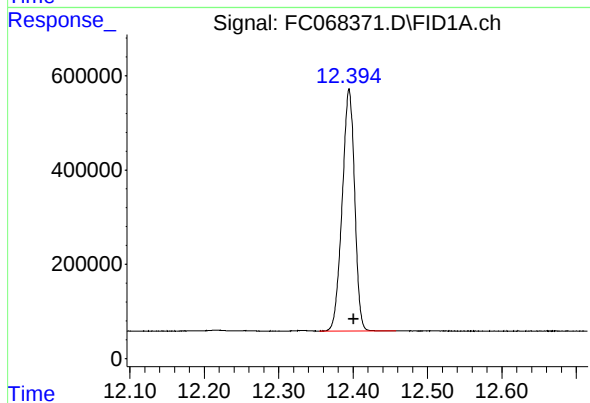
#8 n-Octadecane (C18)

R.T.: 11.089 min
Delta R.T.: -0.006 min
Response: 5618922
Conc: 41.09 ug/ml



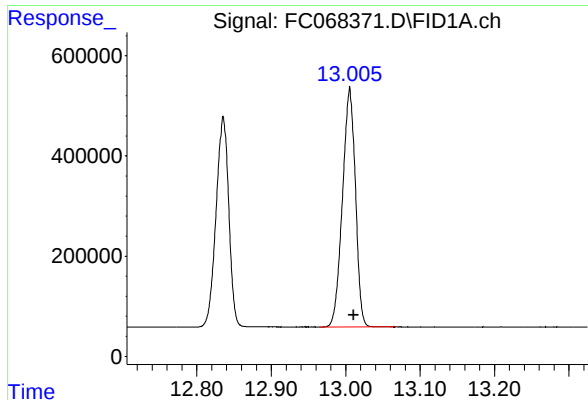
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.395 min
Delta R.T.: -0.006 min
Response: 5974676
Conc: 45.86 ug/ml



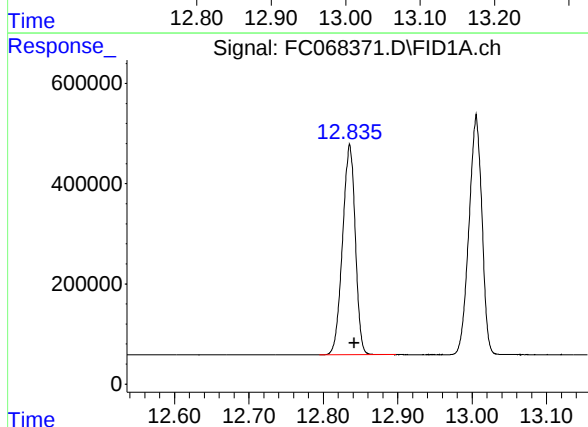
#11 n-Heneicosane (C21)

R.T.: 13.005 min
Delta R.T.: -0.006 min
Response: 5772498
Conc: 45.15 ug/ml

Instrument :
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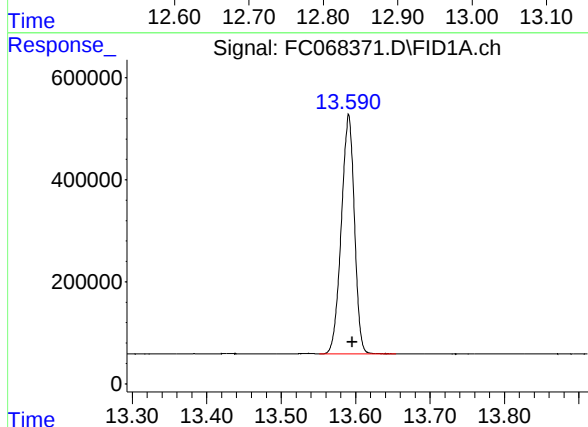
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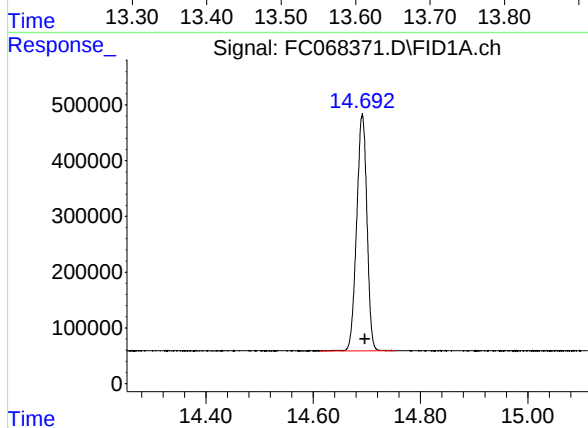
#12 1-chlorooctadecane (SURR)

R.T.: 12.835 min
Delta R.T.: -0.006 min
Response: 4989985
Conc: 44.37 ug/ml



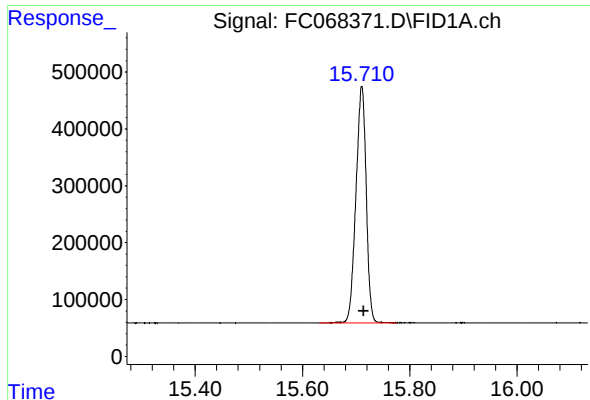
#13 n-Docosane (C22)

R.T.: 13.591 min
Delta R.T.: -0.005 min
Response: 5744572
Conc: 45.58 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.691 min
Delta R.T.: -0.005 min
Response: 5641632
Conc: 45.36 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.710 min
Delta R.T.: -0.003 min
Response: 5522630
Conc: 45.42 ug/ml

Instrument :

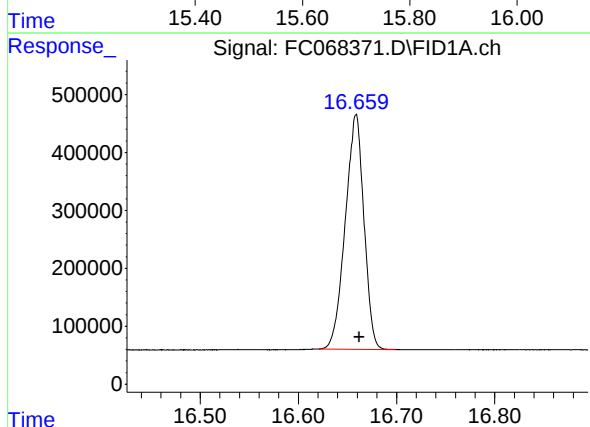
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ClientSampleId :

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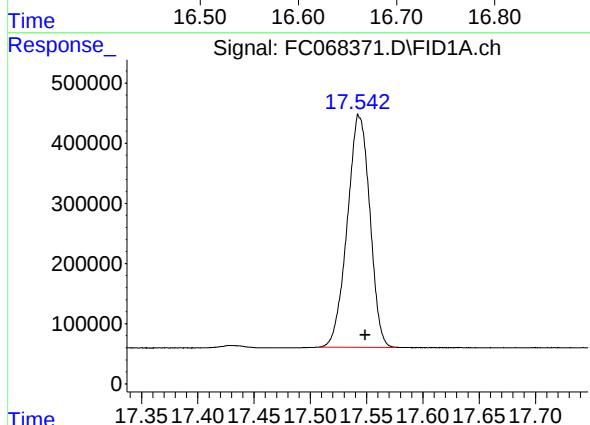
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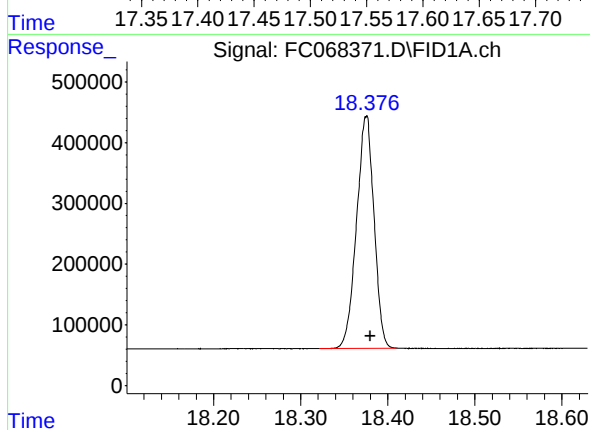
#16 n-Octacosane (C28)

R.T.: 16.658 min
Delta R.T.: -0.004 min
Response: 5356837
Conc: 45.10 ug/ml



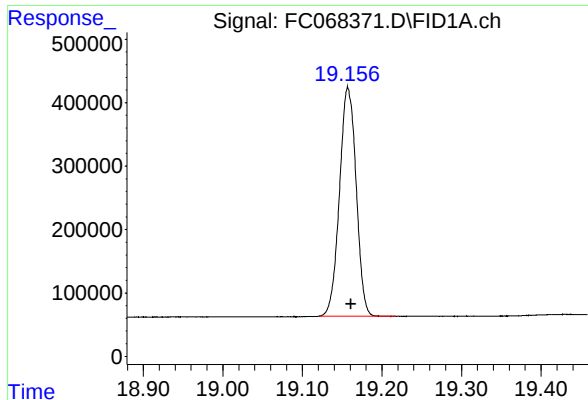
#17 n-Tricontane (C30)

R.T.: 17.544 min
Delta R.T.: -0.005 min
Response: 5380902
Conc: 44.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: -0.005 min
Response: 5335339
Conc: 45.97 ug/ml



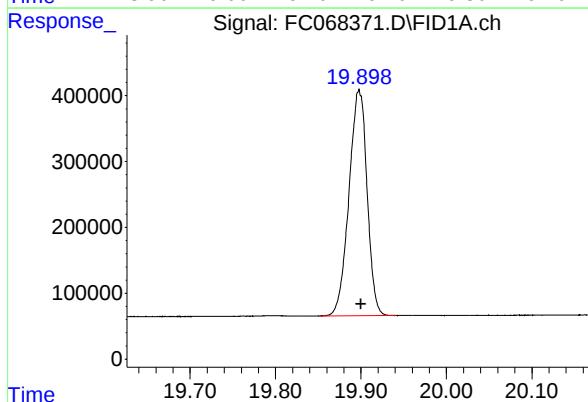
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.004 min
Response: 5245337
Conc: 48.54 ug/ml

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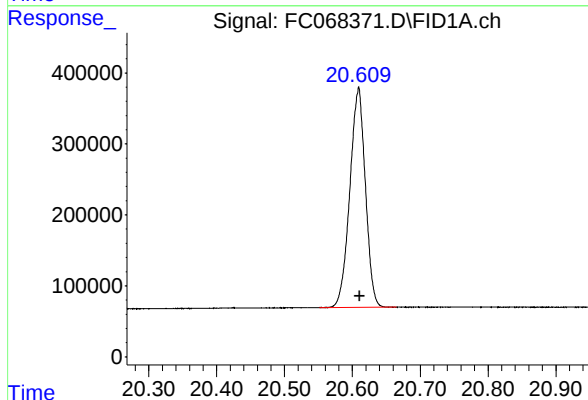
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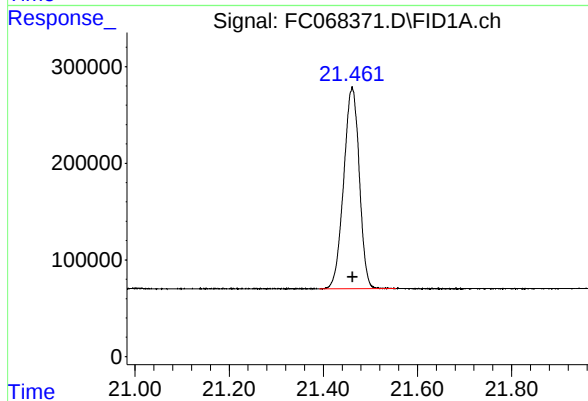
#20 n-Hexatriacontane (C36)

R.T.: 19.898 min
Delta R.T.: -0.002 min
Response: 5039804
Conc: 52.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: -0.002 min
Response: 4927229
Conc: 54.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.461 min
Delta R.T.: -0.002 min
Response: 4792754
Conc: 55.39 ug/ml