

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030525AL\
 Data File : FC068370.D
 Signal(s) : FID1A.ch
 Acq On : 05 Mar 2025 16:35
 Operator : YP/AJ
 Sample : PB166976BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166976BS

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 22:32:43 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...	12.835	4883798	43.421 ug/ml
Spiked Amount 50.000		Recovery =	86.84%
Target Compounds			
1) T n-Nonane (C9)	3.203	2827544	20.100 ug/mlm
2) T n-Decane (C10)	4.259	3559909	25.128 ug/ml
4) T n-Dodecane (C12)	6.267	4529774	32.181 ug/ml
6) T n-Tetradecane (C14)	8.055	5054909	37.075 ug/ml
7) T n-Hexadecane (C16)	9.651	5354888	39.097 ug/ml
8) T n-Octadecane (C18)	11.088	5591448	40.886 ug/ml
10) T n-Eicosane (C20)	12.395	5948137	45.654 ug/ml
11) T n-Heneicosane (C21)	13.005	5750147	44.977 ug/ml
13) T n-Docosane (C22)	13.591	5722955	45.410 ug/ml
14) T n-Tetracosane (C24)	14.692	5629723	45.263 ug/ml
15) T n-Hexacosane (C26)	15.709	5518200	45.383 ug/ml
16) T n-Octacosane (C28)	16.659	5355981	45.096 ug/ml
17) T n-Tricontane (C30)	17.544	5374125	44.648 ug/ml
18) T n-Dotriacontane (C32)	18.375	5335525	45.969 ug/ml
19) T n-Tetratriacontane (C34)	19.159	5236268	48.458 ug/ml
20) T n-Hexatriacontane (C36)	19.897	5035566	52.362 ug/ml
21) T n-Octatriacontane (C38)	20.609	4926005	54.796 ug/ml
22) T n-Tetracontane (C40)	21.459	4773044	55.167 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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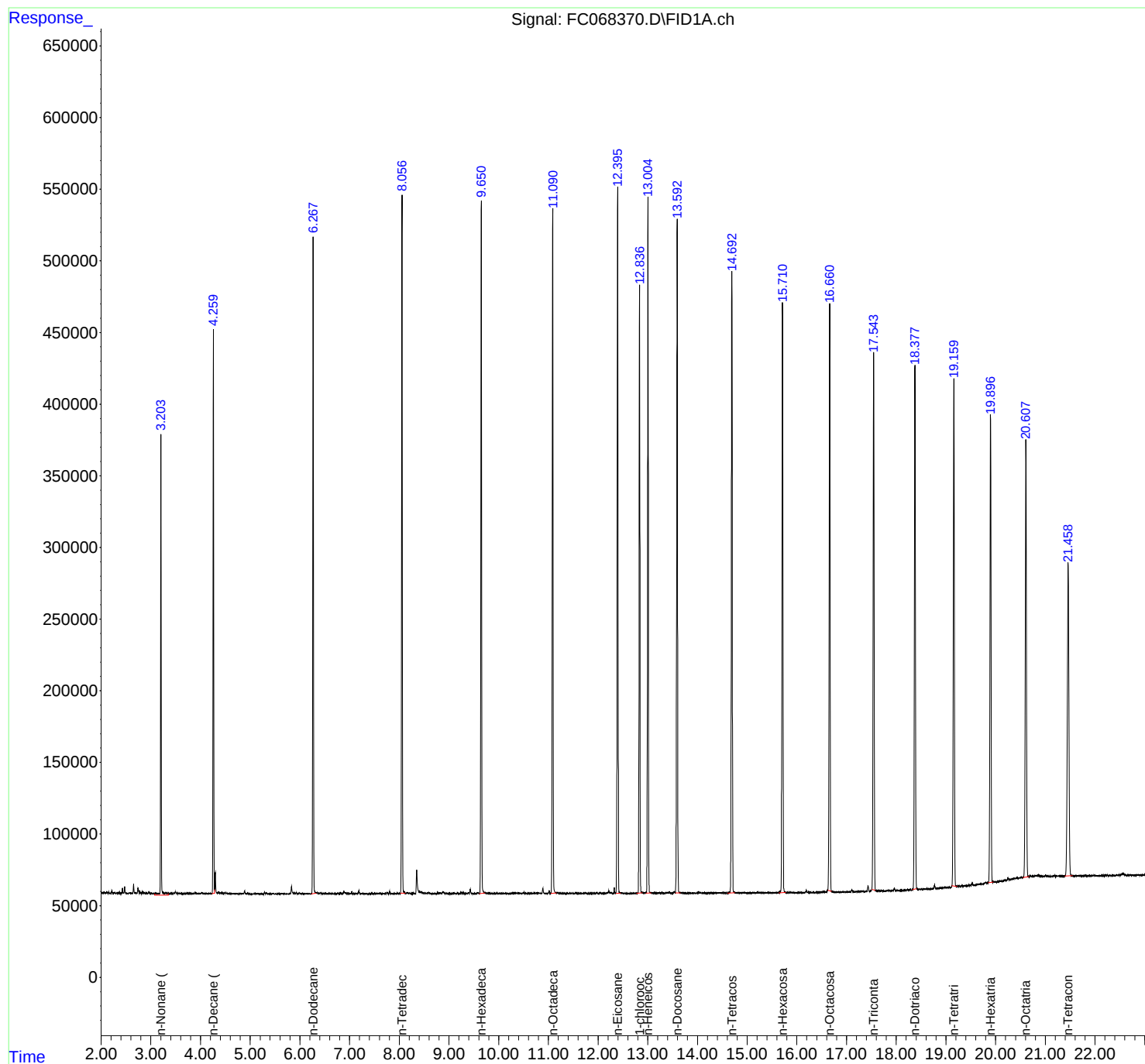
Response via : Initial Calibration

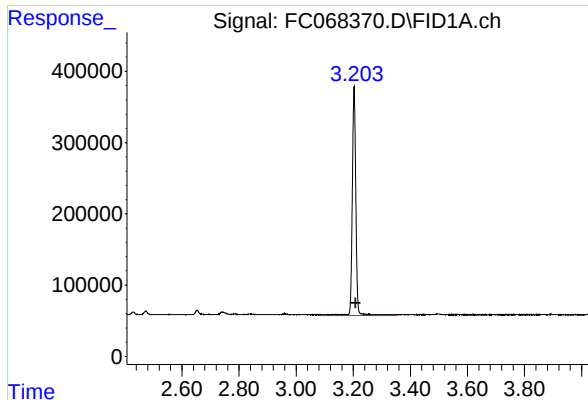
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





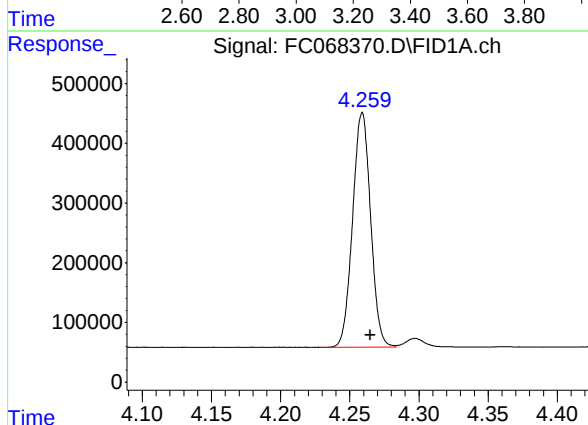
#1 n-Nonane (C9)

R.T.: 3.203 min
Delta R.T.: -0.005 min
Response: 2827544
Conc: 20.10 ug/ml

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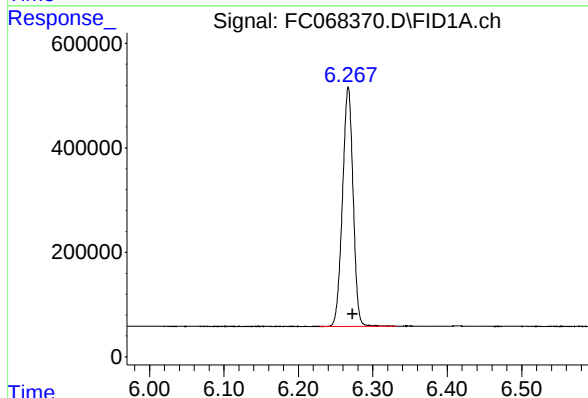
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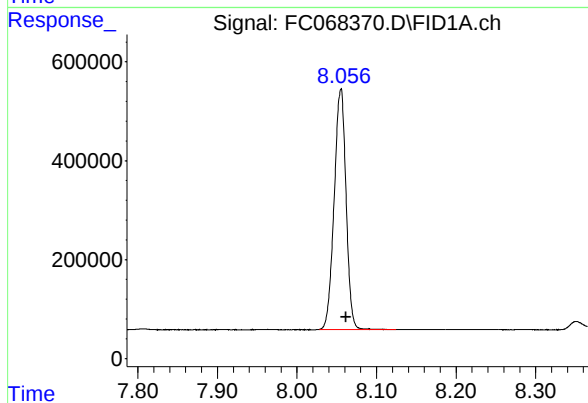
#2 n-Decane (C10)

R.T.: 4.259 min
Delta R.T.: -0.006 min
Response: 3559909
Conc: 25.13 ug/ml



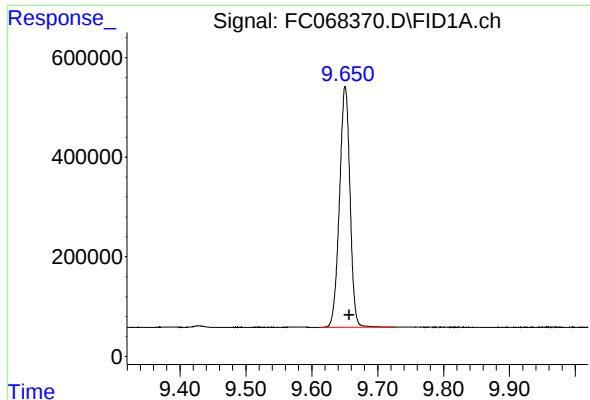
#4 n-Dodecane (C12)

R.T.: 6.267 min
Delta R.T.: -0.006 min
Response: 4529774
Conc: 32.18 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: -0.007 min
Response: 5054909
Conc: 37.07 ug/ml



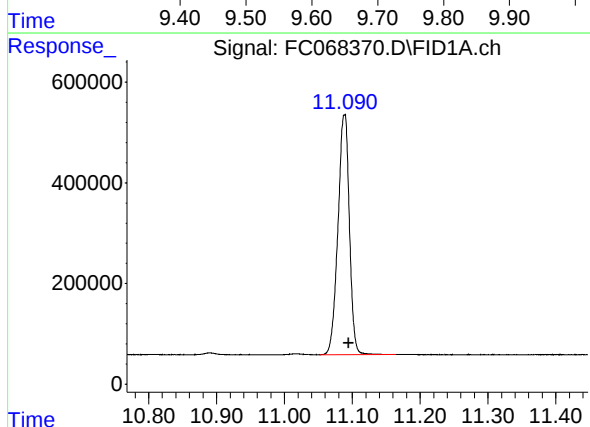
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: -0.007 min
Response: 5354888
Conc: 39.10 ug/ml

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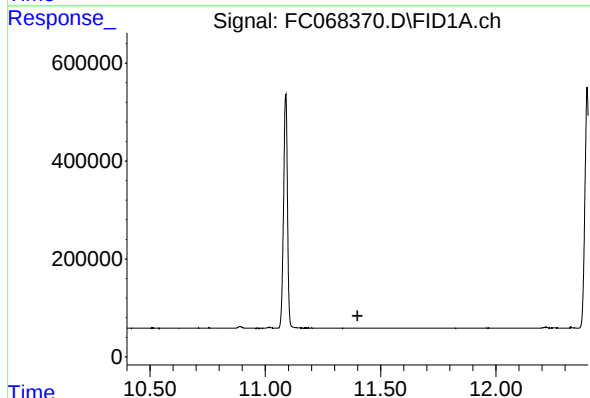
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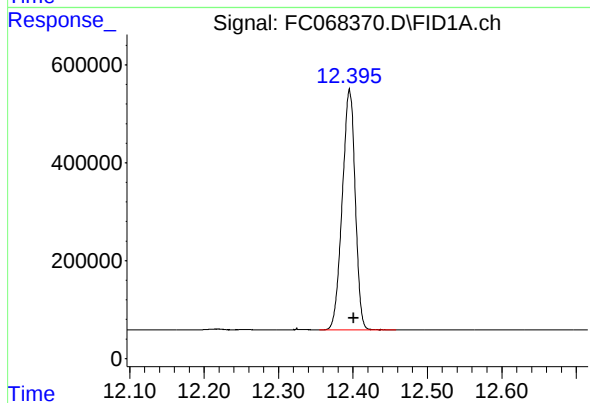
#8 n-Octadecane (C18)

R.T.: 11.088 min
Delta R.T.: -0.006 min
Response: 5591448
Conc: 40.89 ug/ml



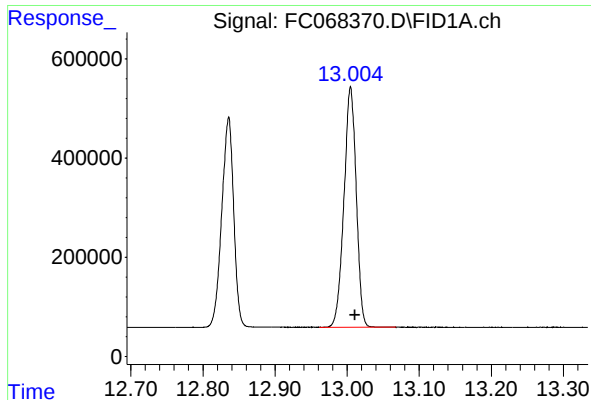
#9 ortho-Terphenyl (SURR)

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: 5948137
Conc: 45.65 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.005 min
Delta R.T.: -0.006 min
Response: 5750147
Conc: 44.98 ug/ml

Instrument :

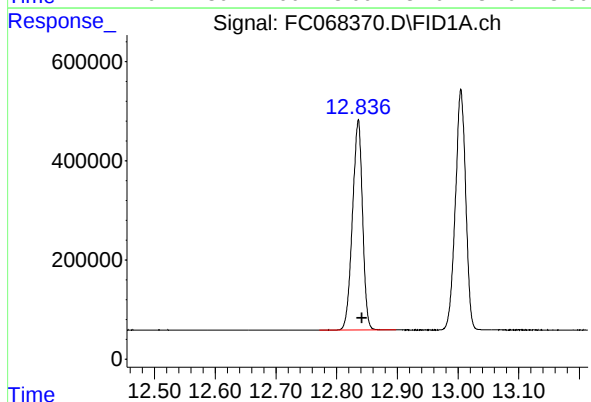
FID_C

ClientSampleId :

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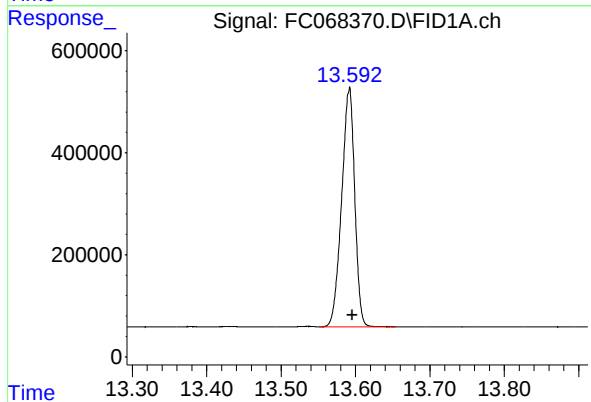
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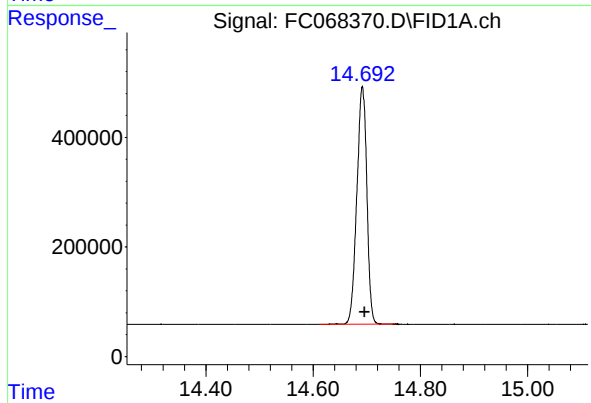
#12 1-chlorooctadecane (SURR)

R.T.: 12.835 min
Delta R.T.: -0.006 min
Response: 4883798
Conc: 43.42 ug/ml



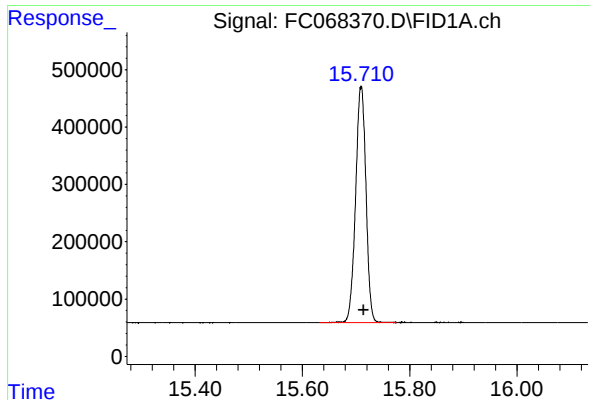
#13 n-Docosane (C22)

R.T.: 13.591 min
Delta R.T.: -0.005 min
Response: 5722955
Conc: 45.41 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.692 min
Delta R.T.: -0.004 min
Response: 5629723
Conc: 45.26 ug/ml



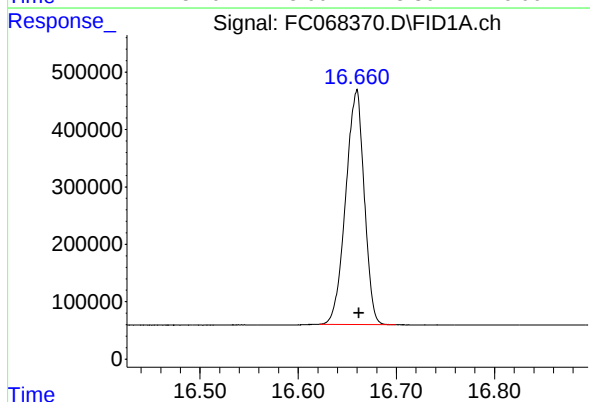
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: -0.004 min
Response: 5518200
Conc: 45.38 ug/ml

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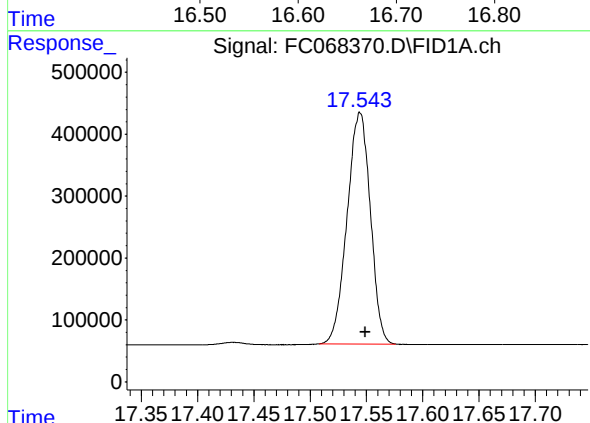
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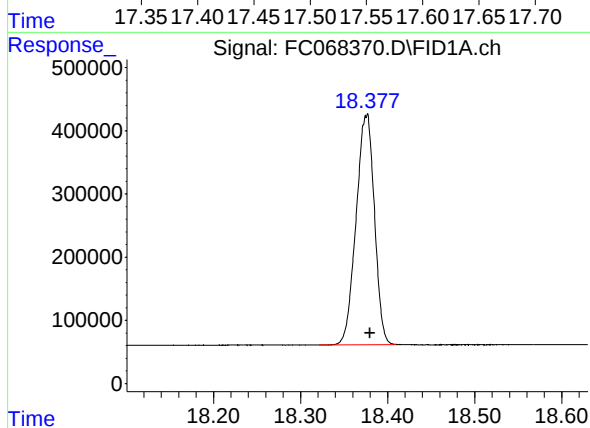
#16 n-Octacosane (C28)

R.T.: 16.659 min
Delta R.T.: -0.003 min
Response: 5355981
Conc: 45.10 ug/ml



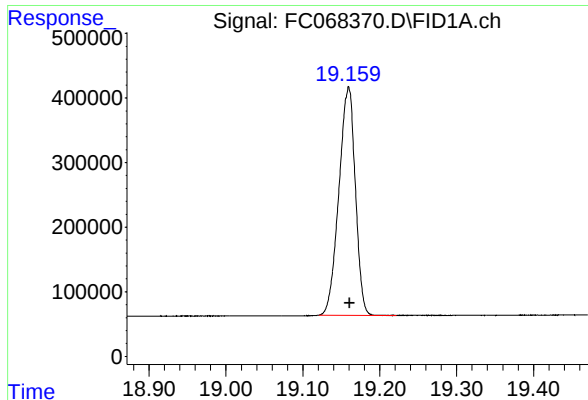
#17 n-Tricontane (C30)

R.T.: 17.544 min
Delta R.T.: -0.005 min
Response: 5374125
Conc: 44.65 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: -0.004 min
Response: 5335525
Conc: 45.97 ug/ml



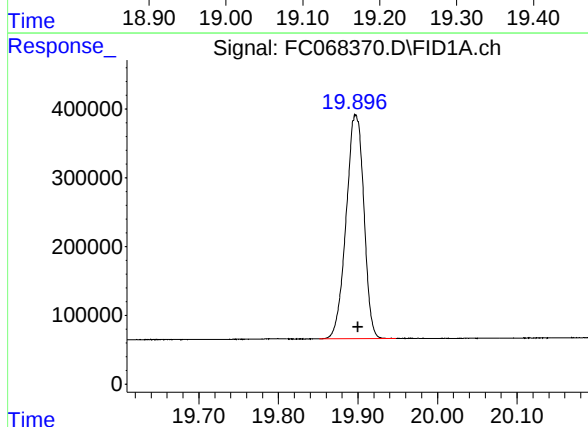
#19 n-Tetratriacontane (C34)

R.T.: 19.159 min
Delta R.T.: -0.002 min
Response: 5236268
Conc: 48.46 ug/ml

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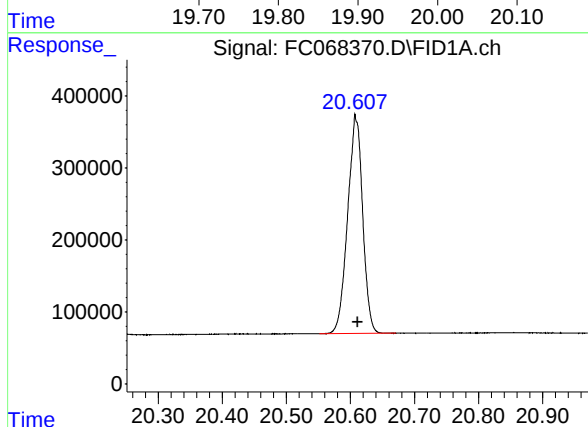
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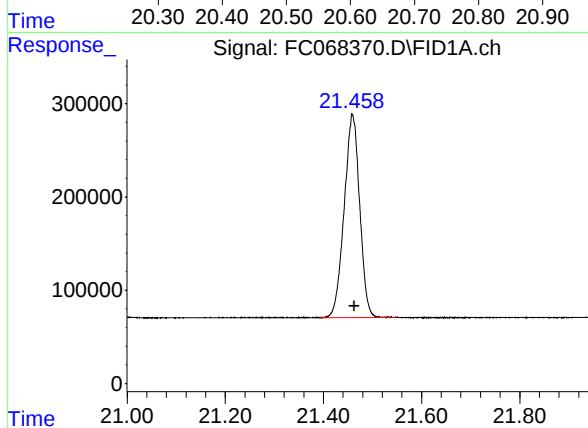
#20 n-Hexatriacontane (C36)

R.T.: 19.897 min
Delta R.T.: -0.003 min
Response: 5035566
Conc: 52.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: -0.002 min
Response: 4926005
Conc: 54.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.459 min
Delta R.T.: -0.003 min
Response: 4773044
Conc: 55.17 ug/ml