

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070154.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 23:12
 Operator : YP/AJ
 Sample : Q3546-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File: autoint1.e
 Quant Time: Nov 07 03:06:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 110625.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 06 14:47:49 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			
9) S ortho-Terphenyl (SURR)	11.639	6026249	34.330 ug/ml
Spiked Amount 50.000		Recovery =	68.66%
12) S 1-chlorooctadecane (S...	13.073	4814627	36.011 ug/ml
Spiked Amount 50.000		Recovery =	72.02%
Target Compounds			
1) T n-Nonane (C9)	3.377	2743246	19.344 ug/ml
2) T n-Decane (C10)	4.449	3161959	21.535 ug/ml
3) T A~Naphthalene (C11.7)	6.042	4162886	25.888 ug/ml
4) T n-Dodecane (C12)	6.470	3626637	23.651 ug/ml
5) T A~2-methylnaphthalene...	7.100	4028360	25.827 ug/ml
6) T n-Tetradecane (C14)	8.269	4164710	26.497 ug/ml
7) T n-Hexadecane (C16)	9.871	4599782	27.748 ug/ml
8) T n-Octadecane (C18)	11.316	4745814	28.156 ug/ml
10) T n-Eicosane (C20)	12.626	4724559	29.535 ug/ml
11) T n-Heneicosane (C21)	13.239	4619245	29.794 ug/ml
13) T n-Docosane (C22)	13.826	4536433	29.306 ug/ml
14) T n-Tetracosane (C24)	14.925	8726203	55.988 ug/ml
15) T n-Hexacosane (C26)	15.954	4148849	27.873 ug/ml
16) T n-Octacosane (C28)	16.903	4015644	27.629 ug/mlm
17) T n-Tricontane (C30)	17.794	3776141	25.456 ug/ml
18) T n-Dotriacontane (C32)	18.625	3740526	25.705 ug/ml
19) T n-Tetratriacontane (C34)	19.410	3450735	26.815 ug/ml
20) T n-Hexatriacontane (C36)	20.151	3130279	29.042 ug/ml
21) T n-Octatriacontane (C38)	20.908	2983226	31.293 ug/ml
22) T n-Tetracontane (C40)	21.858	2872631	32.400 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 30 Sample Multiplier: 1

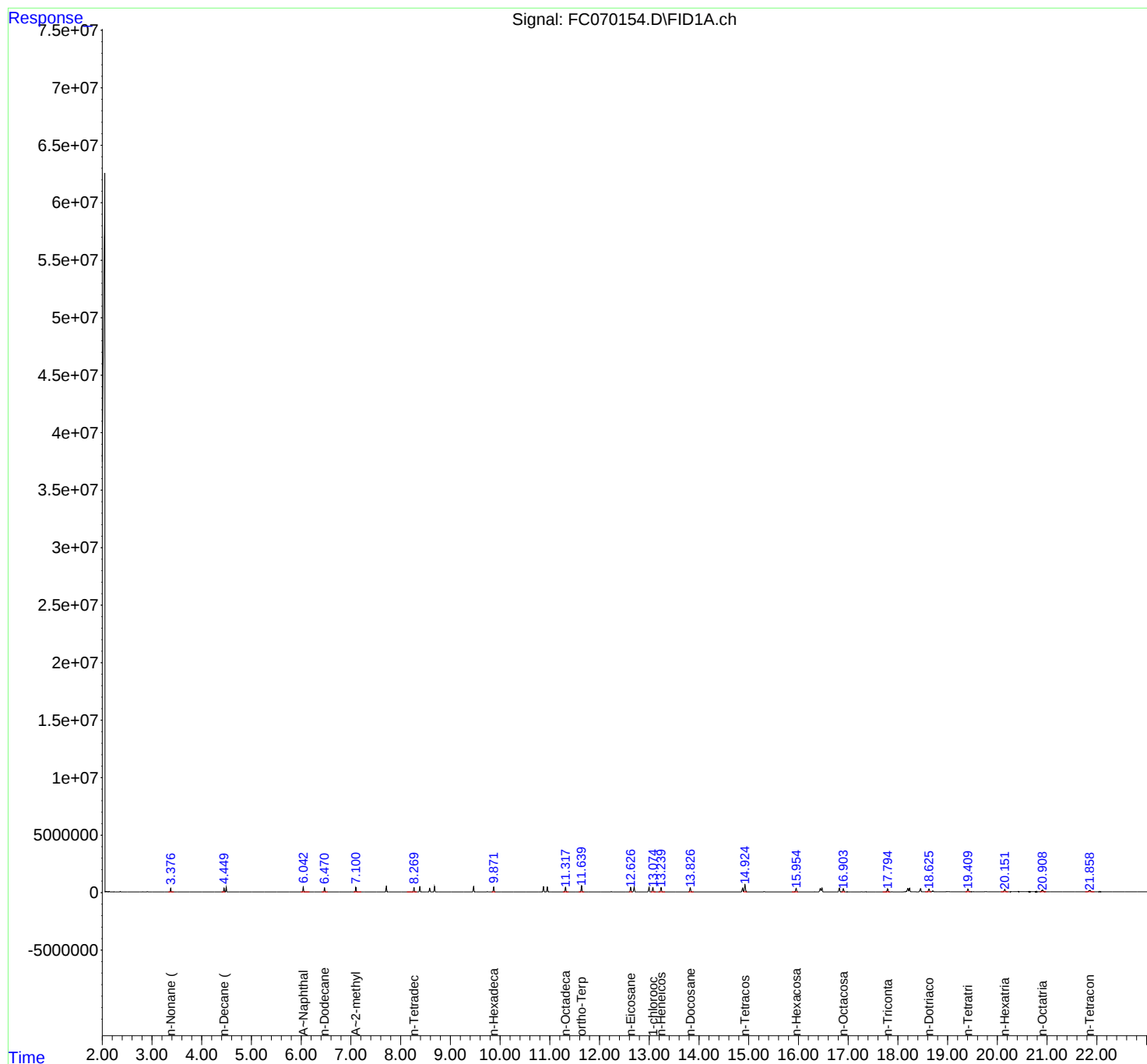
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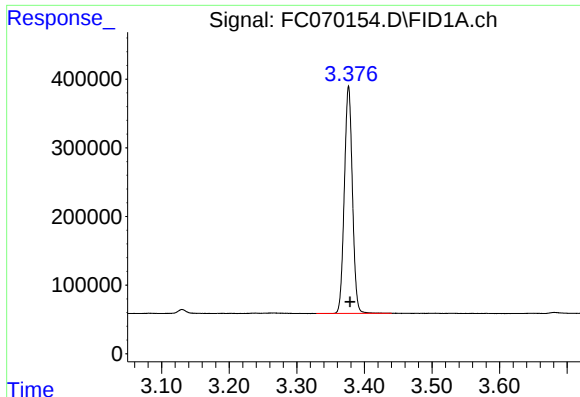
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#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: -0.002 min
Response: 2743246
Conc: 19.34 ug/ml

Instrument :

FID_C

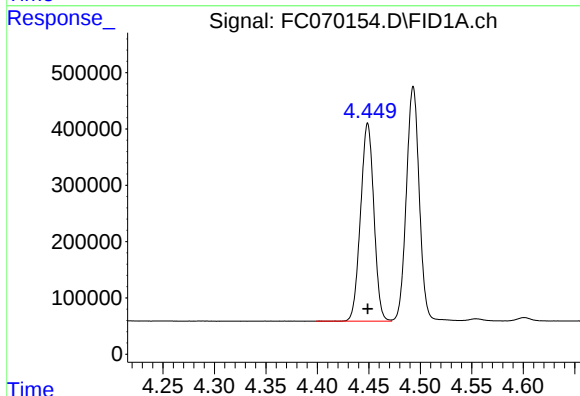
ClientSampleId :

TP-COMPMSD

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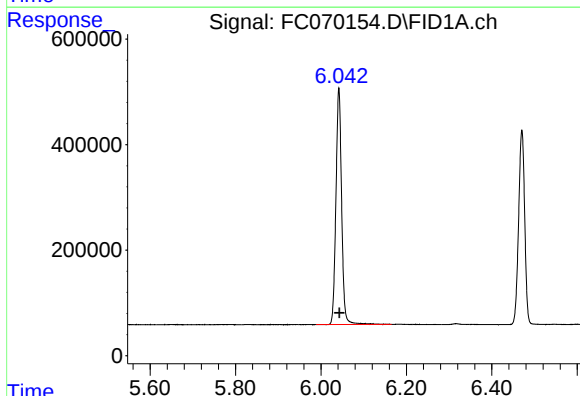
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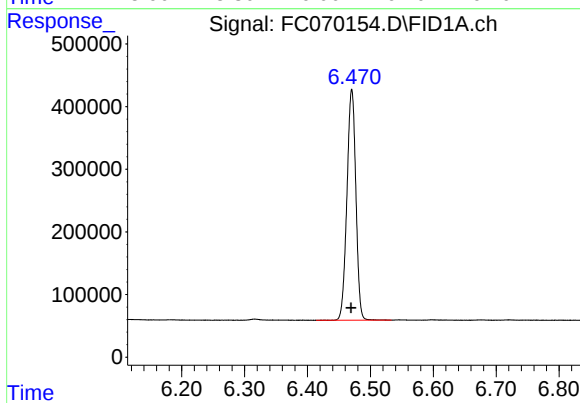
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 3161959
Conc: 21.53 ug/ml



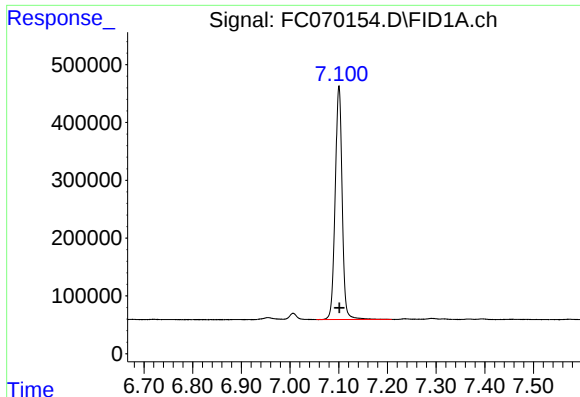
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 4162886
Conc: 25.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 3626637
Conc: 23.65 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 4028360
Conc: 25.83 ug/ml

Instrument :

FID_C

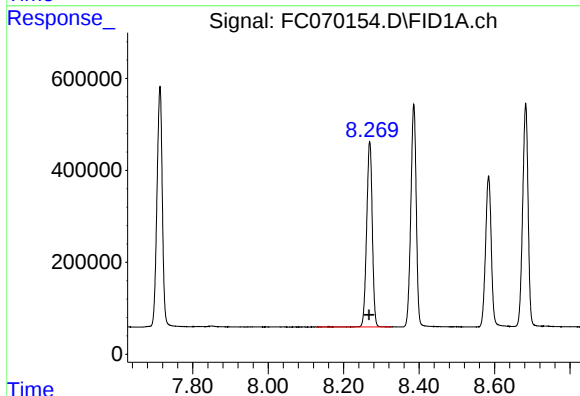
ClientSampleId :

TP-COMPMSD

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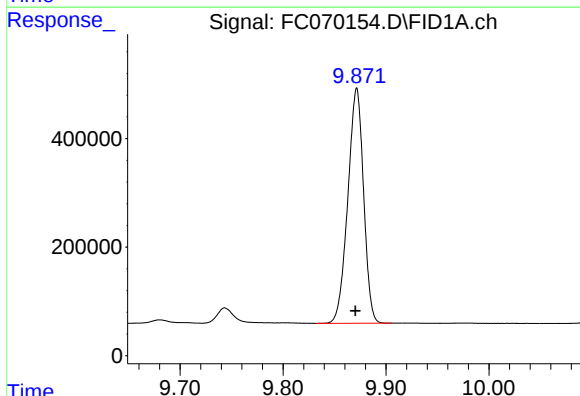
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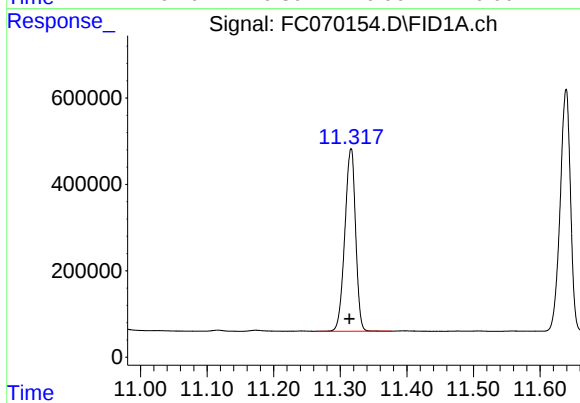
#6 n-Tetradecane (C14)

R.T.: 8.269 min
Delta R.T.: 0.002 min
Response: 4164710
Conc: 26.50 ug/ml



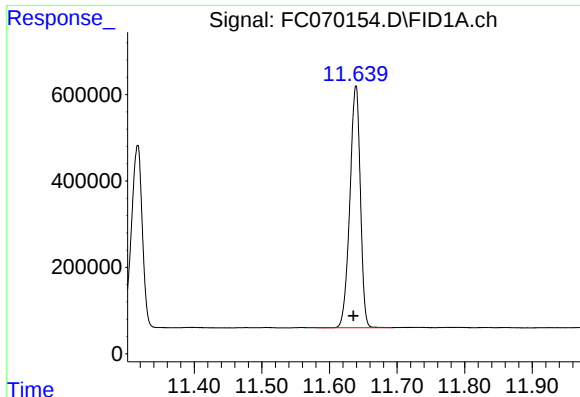
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: 0.001 min
Response: 4599782
Conc: 27.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.316 min
Delta R.T.: 0.002 min
Response: 4745814
Conc: 28.16 ug/ml



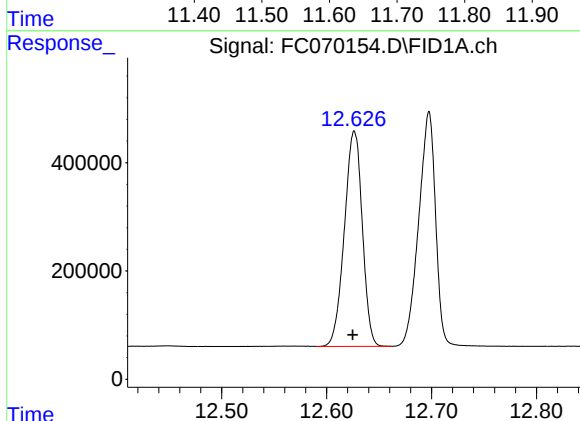
#9 ortho-Terphenyl (SURR)

R.T.: 11.639 min
Delta R.T.: 0.003 min
Response: 6026249
Conc: 34.33 ug/ml

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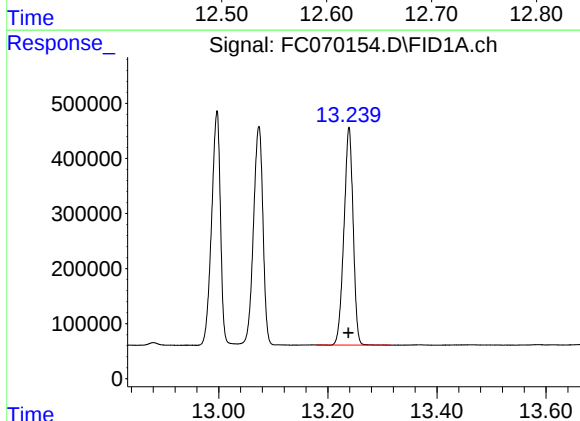
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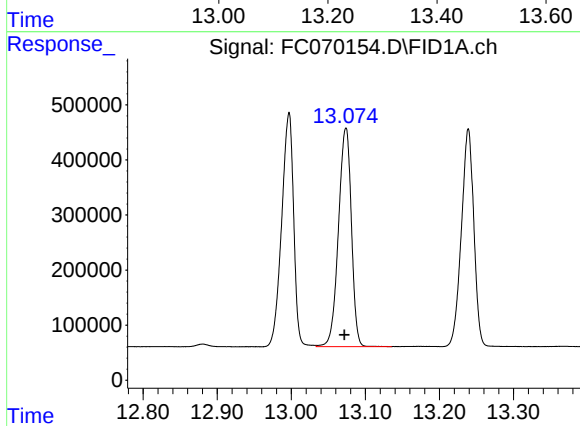
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: 0.002 min
Response: 4724559
Conc: 29.53 ug/ml



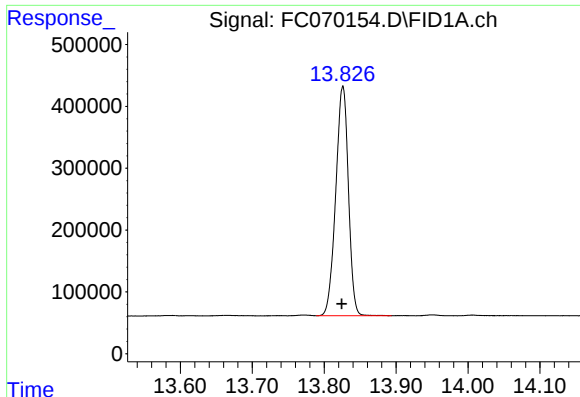
#11 n-Heneicosane (C21)

R.T.: 13.239 min
Delta R.T.: 0.001 min
Response: 4619245
Conc: 29.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.073 min
Delta R.T.: 0.002 min
Response: 4814627
Conc: 36.01 ug/ml



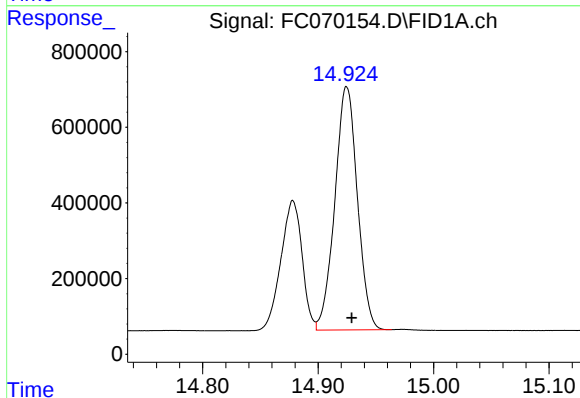
#13 n-Docosane (C22)

R.T.: 13.826 min
Delta R.T.: 0.001 min
Response: 4536433
Conc: 29.31 ug/ml

Instrument :
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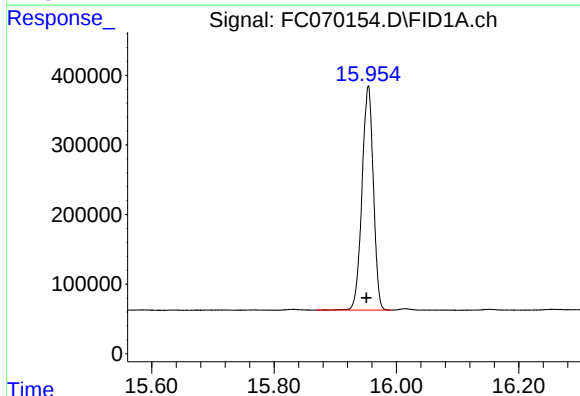
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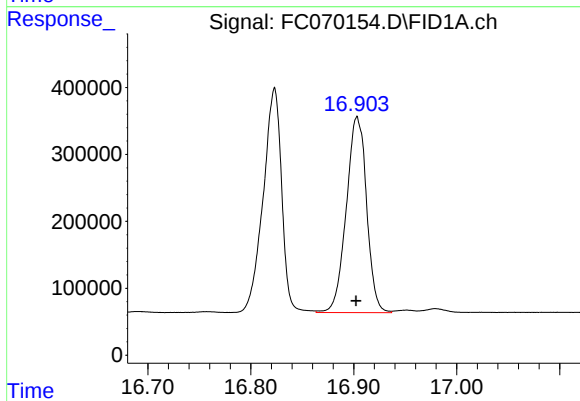
#14 n-Tetracosane (C24)

R.T.: 14.925 min
Delta R.T.: -0.004 min
Response: 8726203
Conc: 55.99 ug/ml



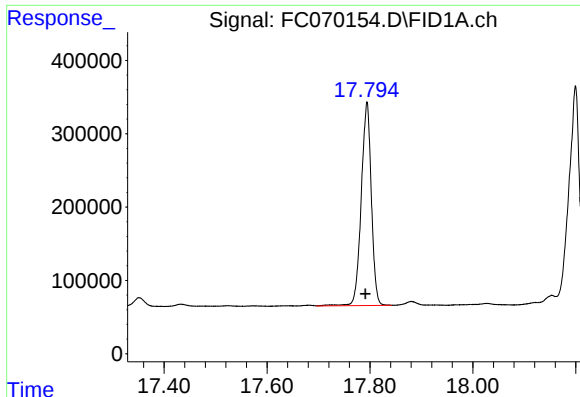
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: 0.003 min
Response: 4148849
Conc: 27.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: 0.000 min
Response: 4015644
Conc: 27.63 ug/ml m



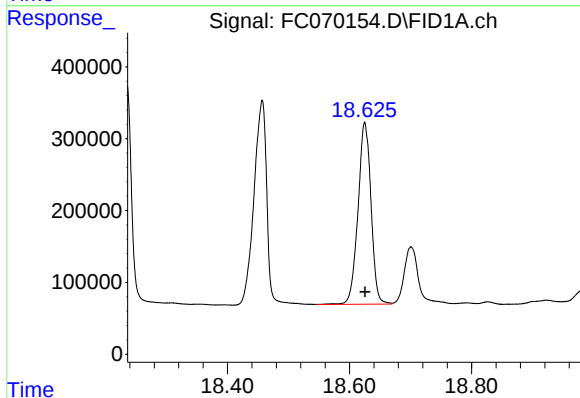
#17 n-Tricontane (C30)

R.T.: 17.794 min
Delta R.T.: 0.003 min
Response: 3776141
Conc: 25.46 ug/ml

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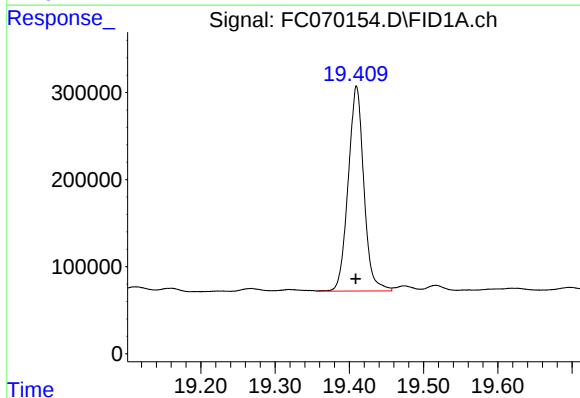
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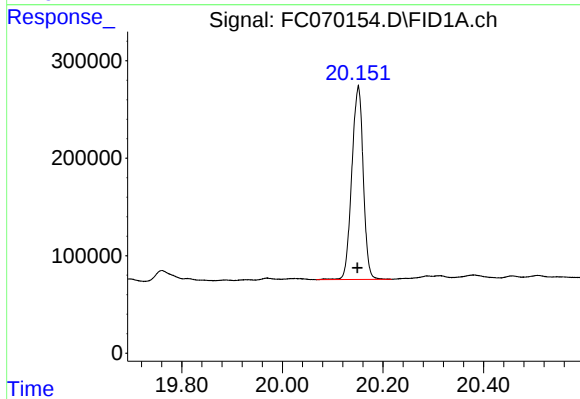
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: 0.000 min
Response: 3740526
Conc: 25.70 ug/ml



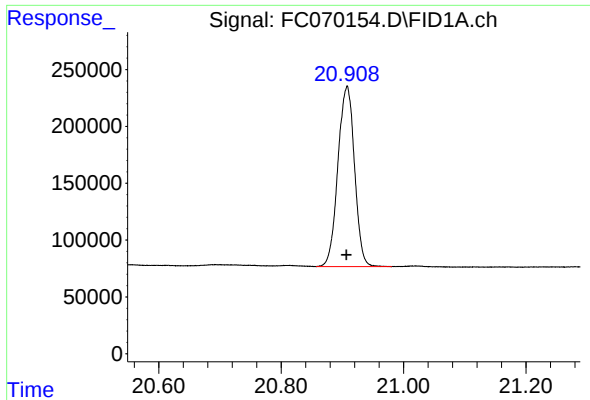
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.001 min
Response: 3450735
Conc: 26.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: 0.001 min
Response: 3130279
Conc: 29.04 ug/ml



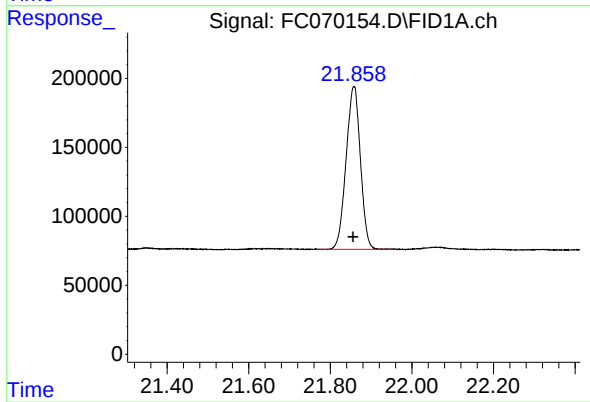
#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.000 min
Response: 2983226
Conc: 31.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.858 min
Delta R.T.: 0.002 min
Response: 2872631
Conc: 32.40 ug/ml