

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070147.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 18:28
 Operator : YP/AJ
 Sample : PB170417BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170417BSD

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 03:05:07 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			
12) S 1-chlorooctadecane (S...	13.074	4620410	34.558 ug/ml
Spiked Amount 50.000		Recovery =	69.12%
Target Compounds			
1) T n-Nonane (C9)	3.379	2528886	17.832 ug/ml
2) T n-Decane (C10)	4.449	3188571	21.716 ug/ml
4) T n-Dodecane (C12)	6.471	3771187	24.593 ug/ml
6) T n-Tetradecane (C14)	8.268	4091358	26.031 ug/ml
7) T n-Hexadecane (C16)	9.871	4404550	26.570 ug/ml
8) T n-Octadecane (C18)	11.316	4627278	27.453 ug/ml
10) T n-Eicosane (C20)	12.627	4918552	30.747 ug/ml
11) T n-Heneicosane (C21)	13.240	4745034	30.606 ug/ml
13) T n-Docosane (C22)	13.827	4670709	30.173 ug/ml
14) T n-Tetracosane (C24)	14.932	4537647	29.114 ug/ml
15) T n-Hexacosane (C26)	15.954	4285232	28.789 ug/ml
16) T n-Octacosane (C28)	16.904	4078046	28.058 ug/ml
17) T n-Tricontane (C30)	17.793	3994650	26.929 ug/ml
18) T n-Dotriacontane (C32)	18.627	3898414	26.790 ug/ml
19) T n-Tetratriacontane (C34)	19.412	3791080	29.460 ug/ml
20) T n-Hexatriacontane (C36)	20.151	3633127	33.707 ug/mlm
21) T n-Octatriacontane (C38)	20.908	3566089	37.407 ug/ml
22) T n-Tetracontane (C40)	21.860	3400934	38.358 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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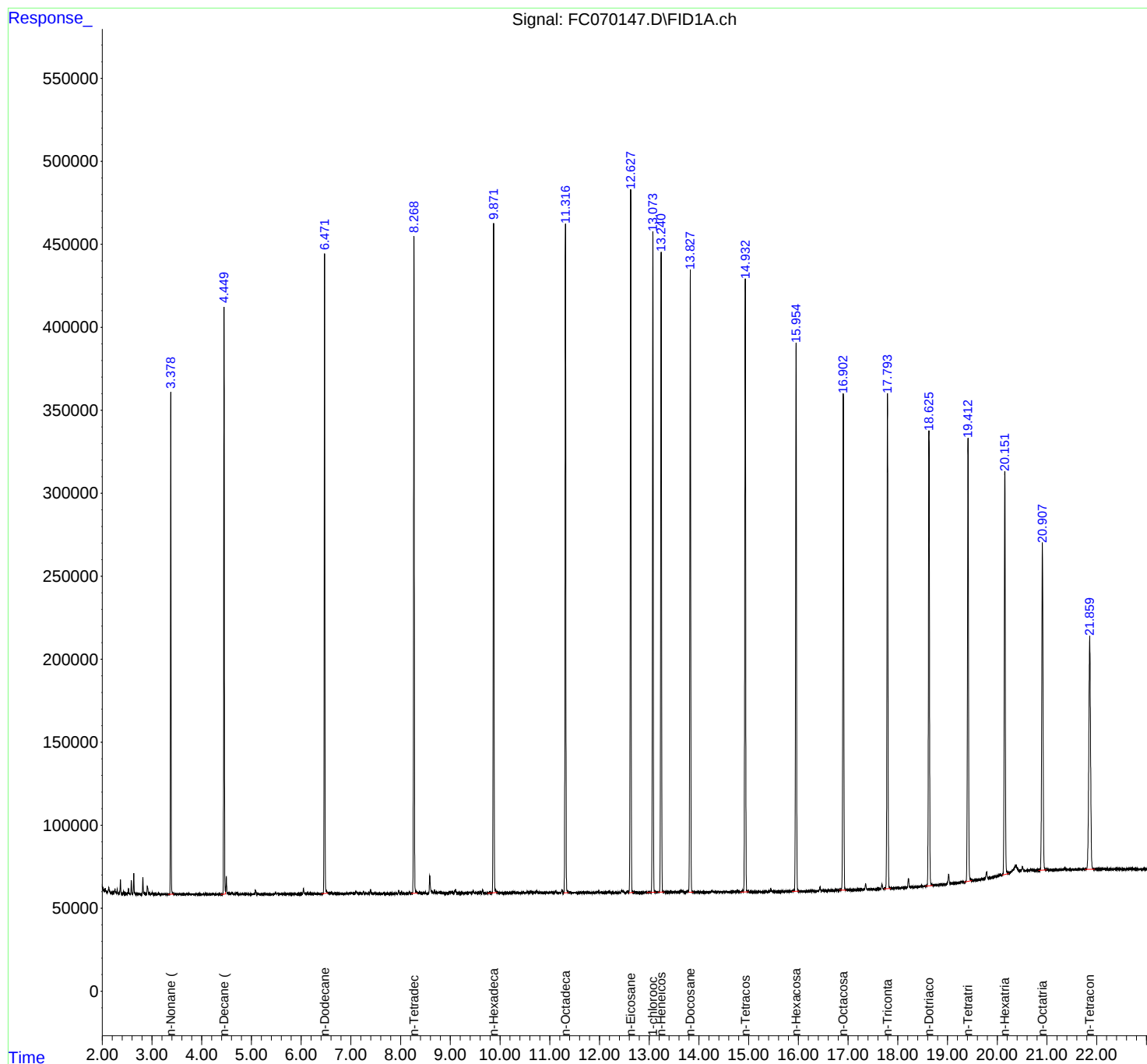
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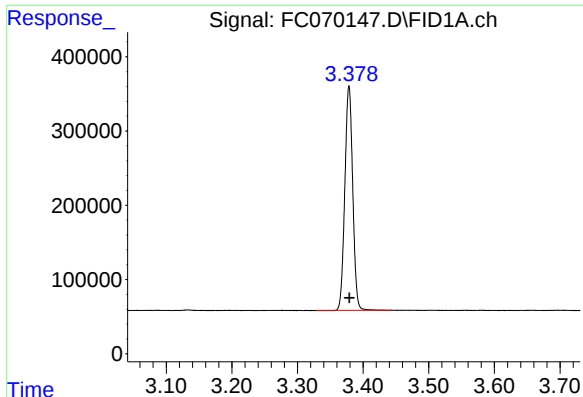
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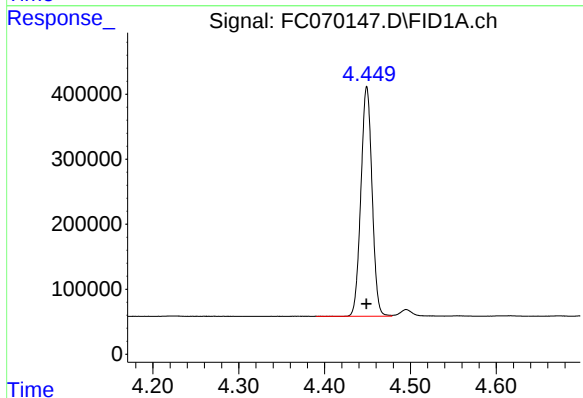
#1 n-Nonane (C9)

R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 2528886
Conc: 17.83 ug/ml

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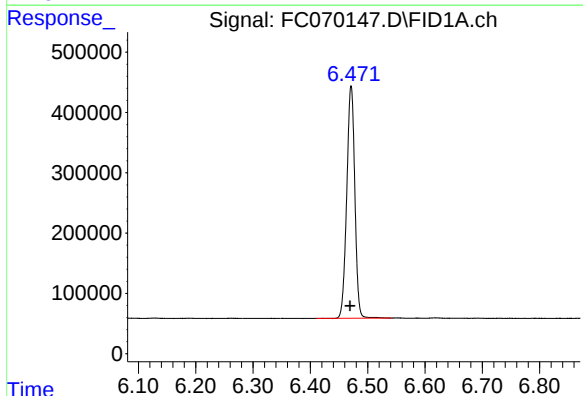
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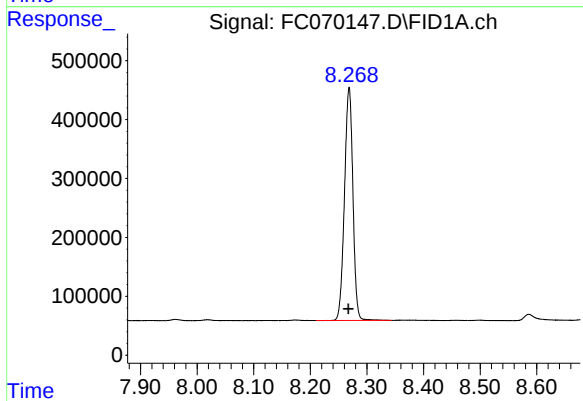
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 3188571
Conc: 21.72 ug/ml



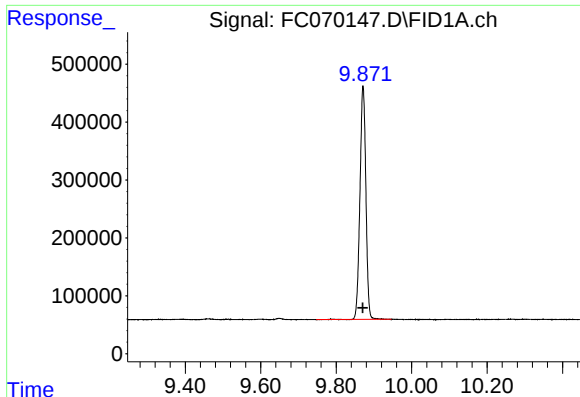
#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 3771187
Conc: 24.59 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.268 min
Delta R.T.: 0.001 min
Response: 4091358
Conc: 26.03 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: 0.001 min
Response: 4404550
Conc: 26.57 ug/ml

Instrument :

FID_C

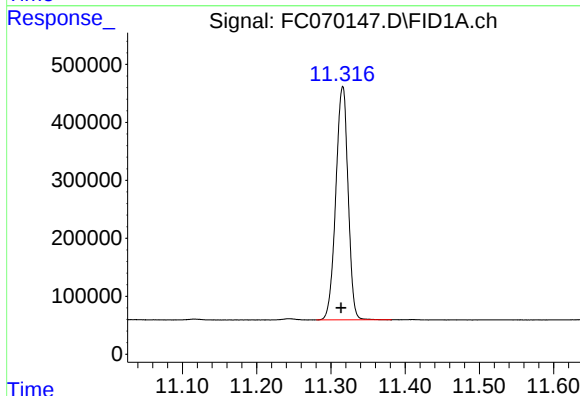
ClientSampleId :

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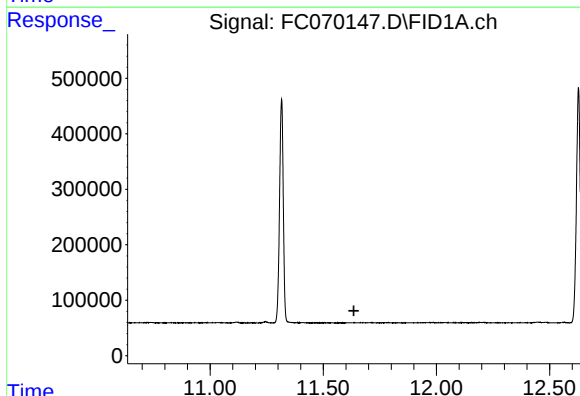
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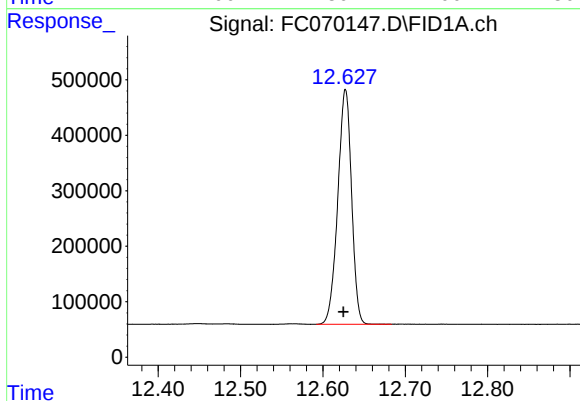
#8 n-Octadecane (C18)

R.T.: 11.316 min
Delta R.T.: 0.002 min
Response: 4627278
Conc: 27.45 ug/ml



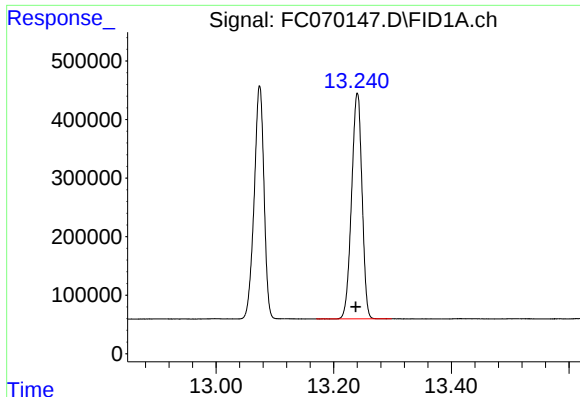
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.635 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: 0.003 min
Response: 4918552
Conc: 30.75 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: 0.002 min
Response: 4745034
Conc: 30.61 ug/ml

Instrument :

FID_C

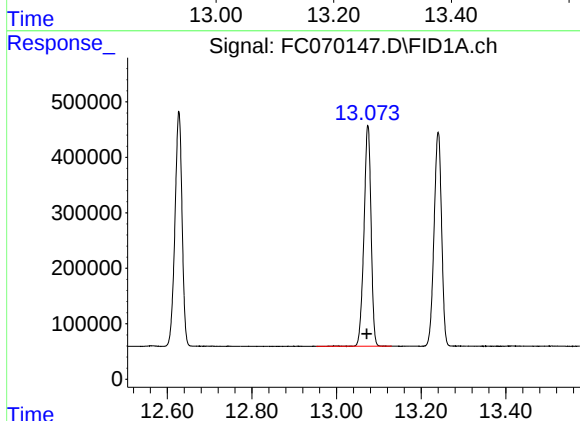
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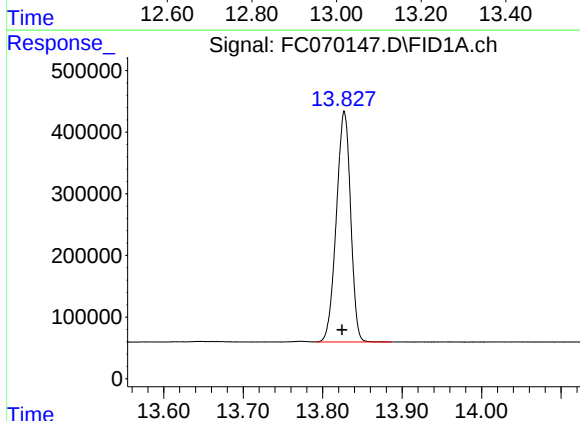
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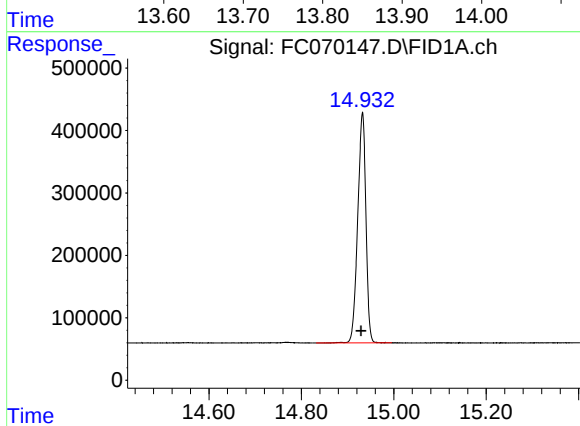
#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: 0.002 min
Response: 4620410
Conc: 34.56 ug/ml



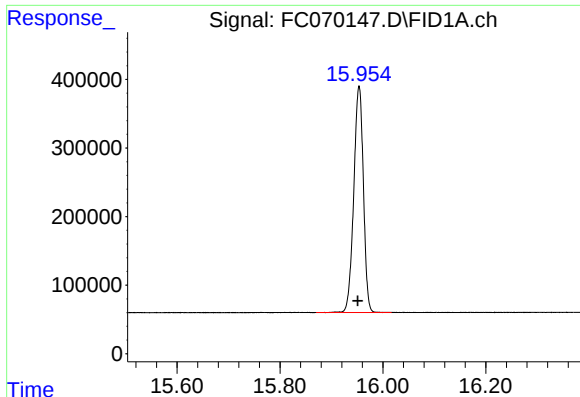
#13 n-Docosane (C22)

R.T.: 13.827 min
Delta R.T.: 0.003 min
Response: 4670709
Conc: 30.17 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: 0.003 min
Response: 4537647
Conc: 29.11 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: 0.003 min
Response: 4285232
Conc: 28.79 ug/ml

Instrument :

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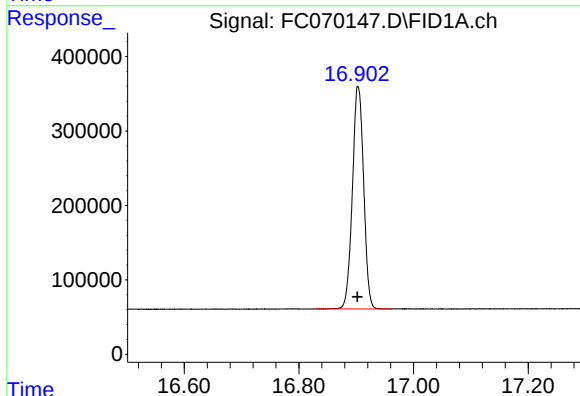
ClientSampleId :

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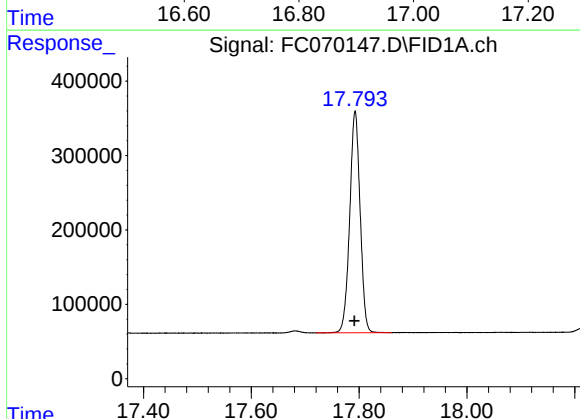
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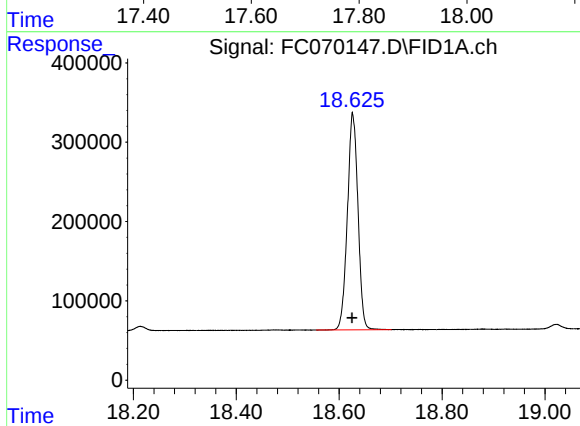
#16 n-Octacosane (C28)

R.T.: 16.904 min
Delta R.T.: 0.001 min
Response: 4078046
Conc: 28.06 ug/ml



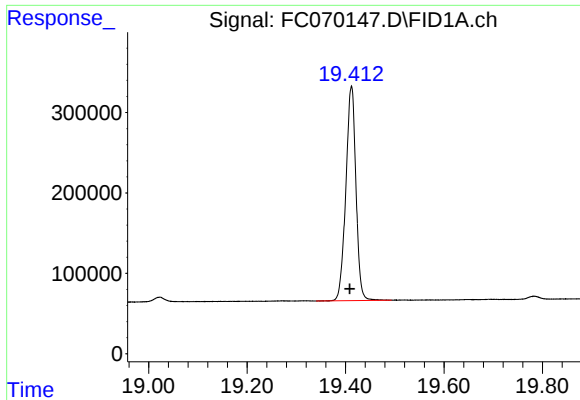
#17 n-Tricontane (C30)

R.T.: 17.793 min
Delta R.T.: 0.001 min
Response: 3994650
Conc: 26.93 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: 0.001 min
Response: 3898414
Conc: 26.79 ug/ml



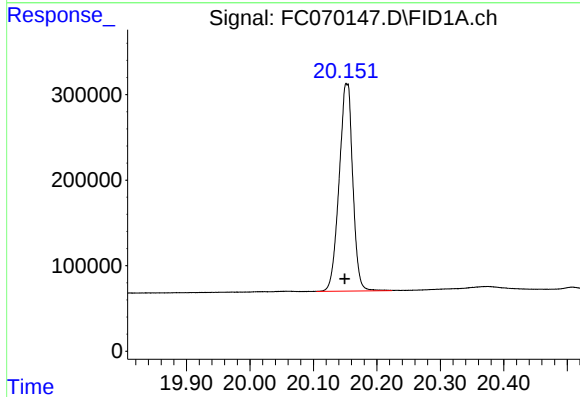
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: 0.003 min
Response: 3791080
Conc: 29.46 ug/ml

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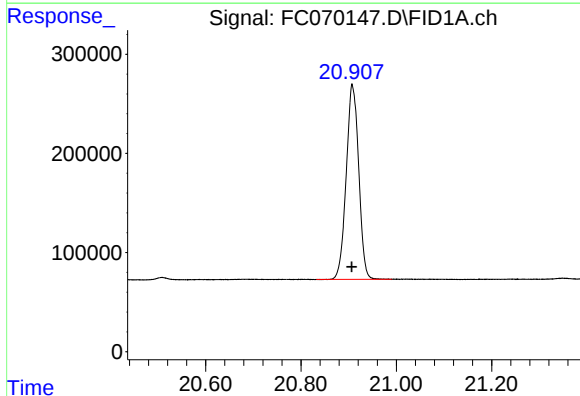
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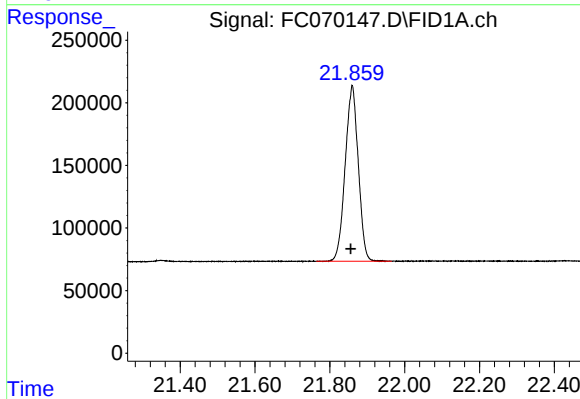
#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: 0.002 min
Response: 3633127
Conc: 33.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.002 min
Response: 3566089
Conc: 37.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: 0.004 min
Response: 3400934
Conc: 38.36 ug/ml