

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110325AL\
 Data File : FC070132.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2025 21:49
 Operator : YP/AJ
 Sample : Q3474-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File: autoint1.e
 Quant Time: Nov 04 03:33:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.641	3249089	18.502 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
12) S 1-chlorooctadecane (S...	13.077	2727814	20.096 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	3.393	4508782	32.835 ug/ml
2) T n-Decane (C10)	4.458	4764889	33.144 ug/ml
3) T A~Naphthalene (C11.7)	6.049	5982416	37.016 ug/ml
4) T n-Dodecane (C12)	6.475	5057783	32.998 ug/ml
5) T A~2-methylnaphthalene...	7.106	5441500	34.105 ug/ml
6) T n-Tetradecane (C14)	8.273	5159741	32.442 ug/ml
7) T n-Hexadecane (C16)	9.875	5133880	30.464 ug/ml
8) T n-Octadecane (C18)	11.319	5091480	29.927 ug/ml
10) T n-Eicosane (C20)	12.632	4976087	31.016 ug/ml
11) T n-Heneicosane (C21)	13.245	4874185	31.391 ug/ml
13) T n-Docosane (C22)	13.832	4837780	31.436 ug/ml
14) T n-Tetracosane (C24)	14.934	10175495	67.107 ug/ml
15) T n-Hexacosane (C26)	15.960	4407045	30.448 ug/ml
16) T n-Octacosane (C28)	16.910	4421019	31.966 ug/mlm
17) T n-Tricontane (C30)	17.801	4277627	31.330 ug/ml
18) T n-Dotriacontane (C32)	18.633	4412853	34.226 ug/mlm
19) T n-Tetratriacontane (C34)	19.418	4130549	36.201 ug/ml
20) T n-Hexatriacontane (C36)	20.158	3869730	40.013 ug/mlm
21) T n-Octatriacontane (C38)	20.919	3609561	41.414 ug/ml
22) T n-Tetracontane (C40)	21.874	3780362	46.011 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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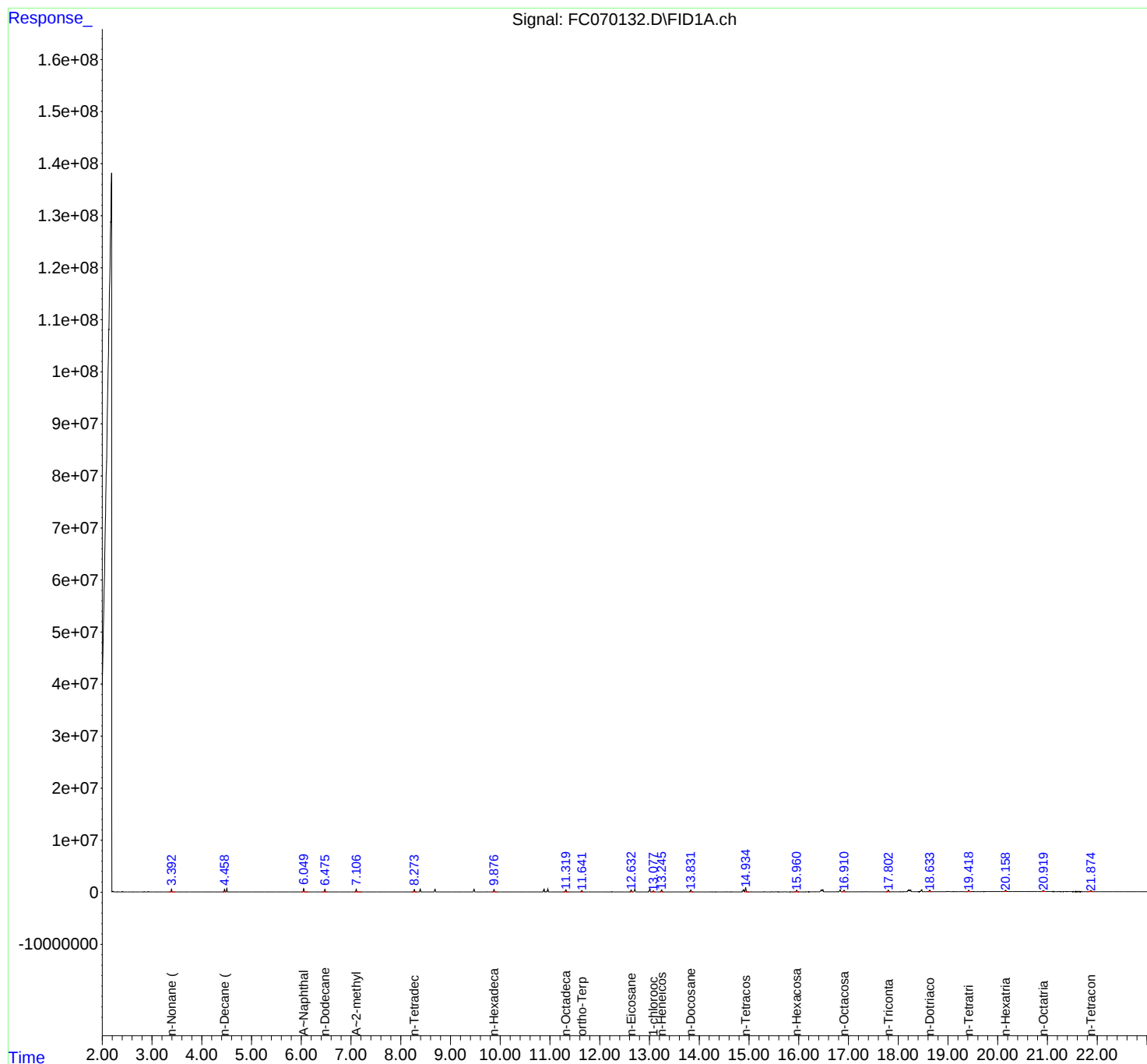
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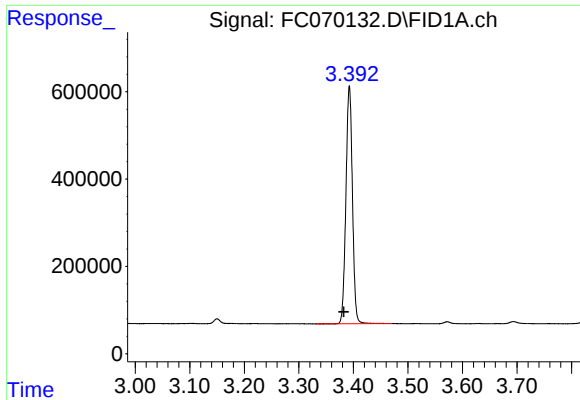
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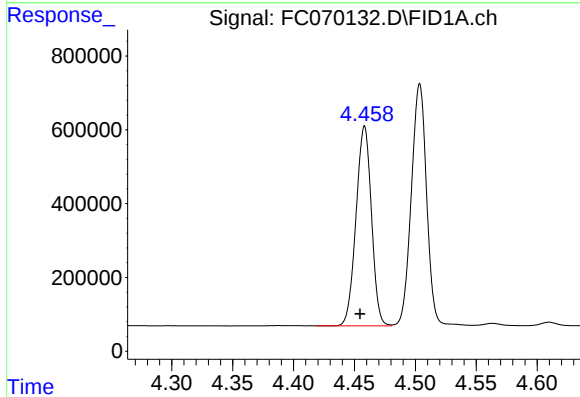
#1 n-Nonane (C9)

R.T.: 3.393 min
Delta R.T.: 0.011 min
Response: 4508782
Conc: 32.83 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

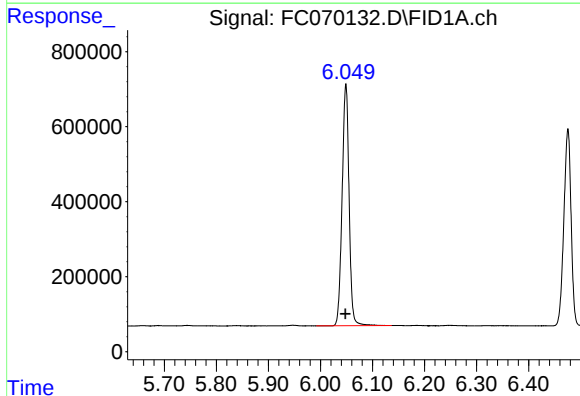
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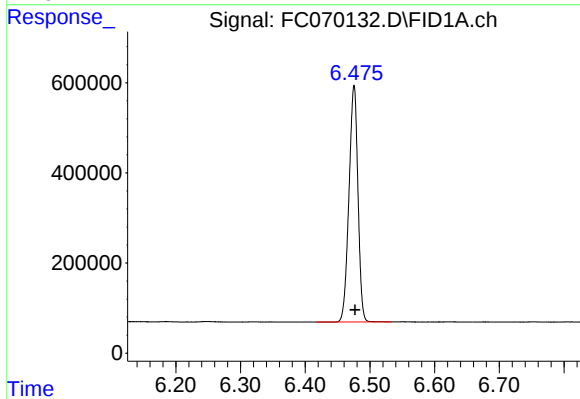
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: 0.004 min
Response: 4764889
Conc: 33.14 ug/ml



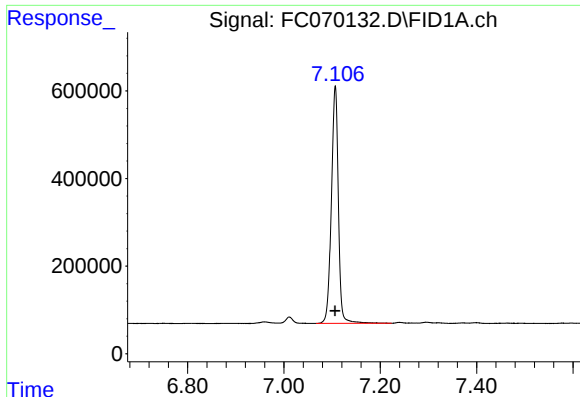
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 5982416
Conc: 37.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 5057783
Conc: 33.00 ug/ml



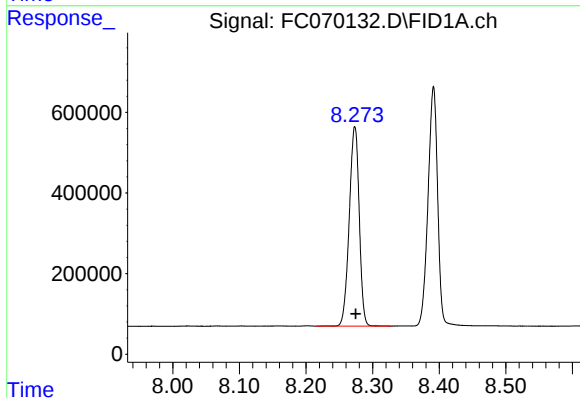
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 5441500
Conc: 34.11 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

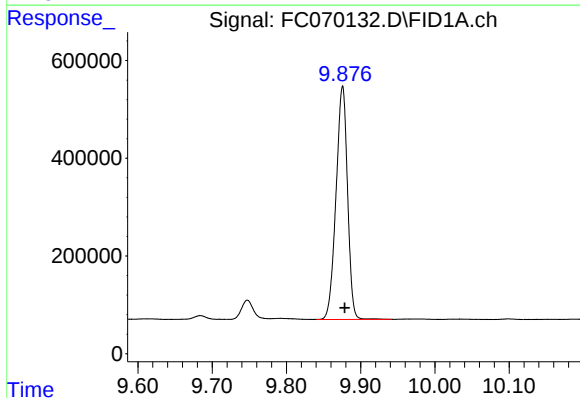
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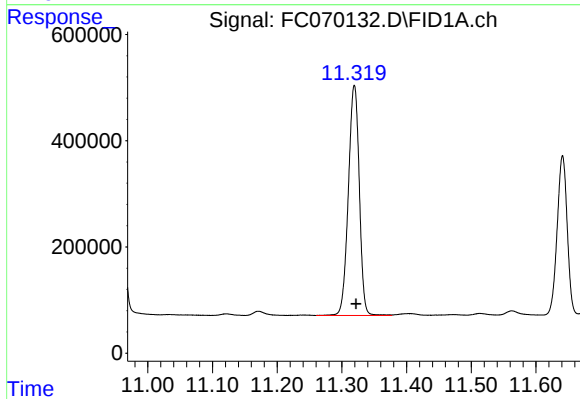
#6 n-Tetradecane (C14)

R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 5159741
Conc: 32.44 ug/ml



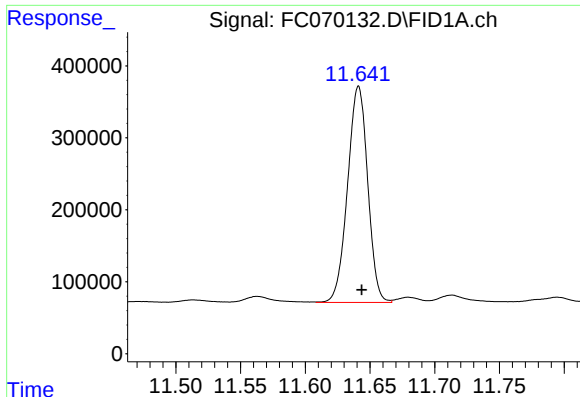
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.003 min
Response: 5133880
Conc: 30.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.003 min
Response: 5091480
Conc: 29.93 ug/ml



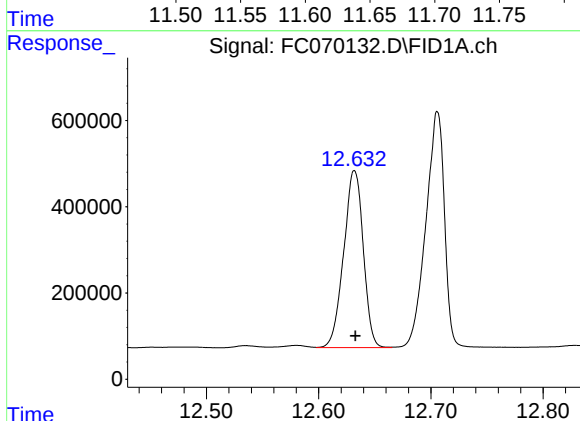
#9 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 3249089
Conc: 18.50 ug/ml

Instrument :
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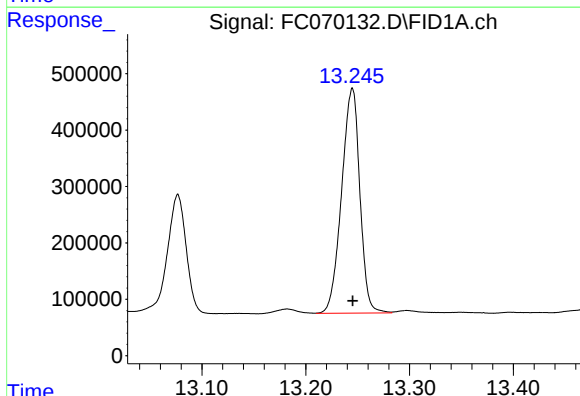
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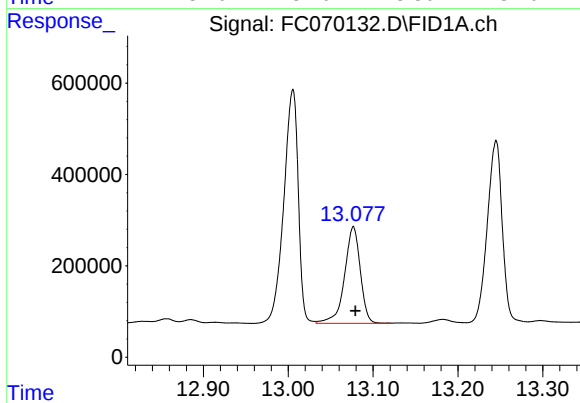
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.000 min
Response: 4976087
Conc: 31.02 ug/ml



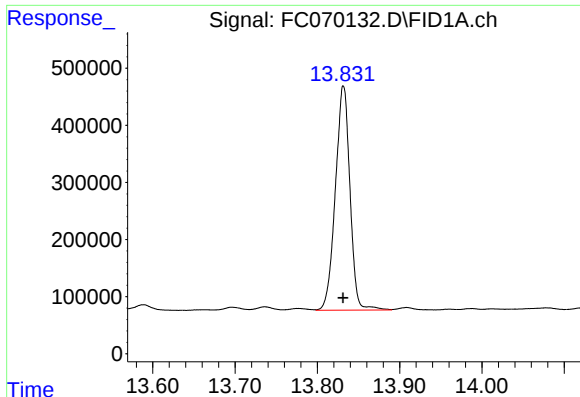
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 4874185
Conc: 31.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 2727814
Conc: 20.10 ug/ml



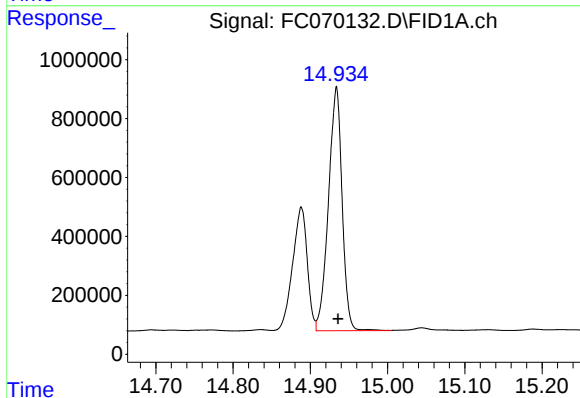
#13 n-Docosane (C22)

R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 4837780
Conc: 31.44 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

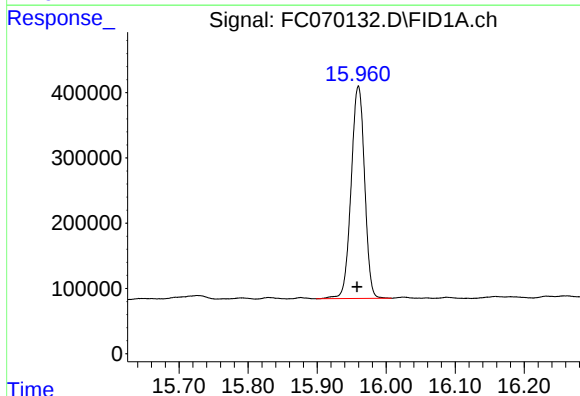
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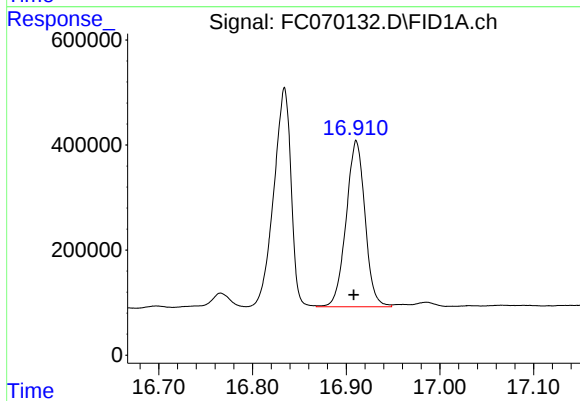
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.003 min
Response: 10175495
Conc: 67.11 ug/ml



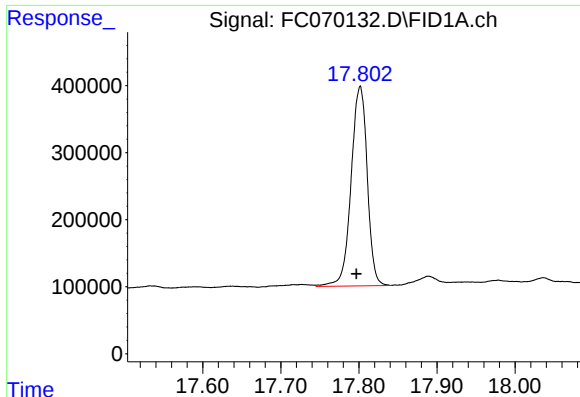
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: 0.002 min
Response: 4407045
Conc: 30.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: 0.002 min
Response: 4421019
Conc: 31.97 ug/ml m



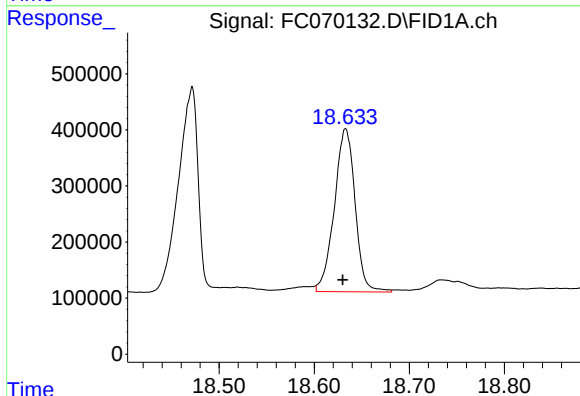
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: 0.005 min
Response: 4277627
Conc: 31.33 ug/ml

Instrument :
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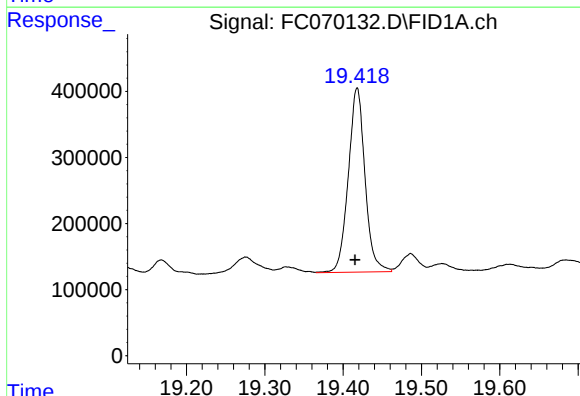
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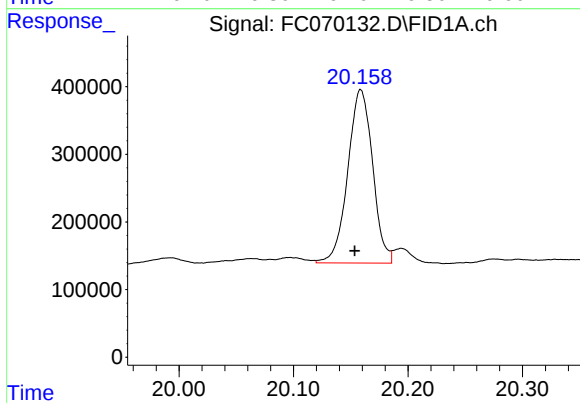
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: 0.002 min
Response: 4412853
Conc: 34.23 ug/ml m



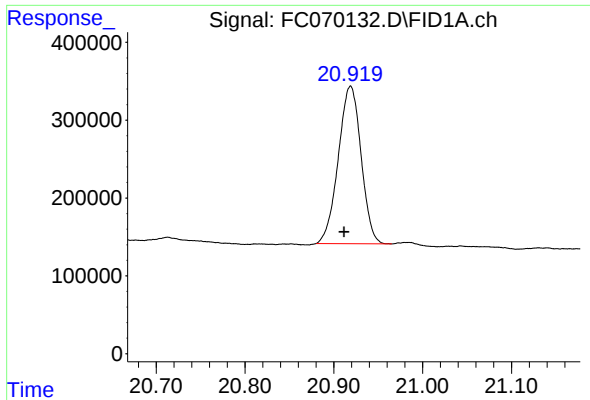
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min
Delta R.T.: 0.003 min
Response: 4130549
Conc: 36.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.158 min
Delta R.T.: 0.004 min
Response: 3869730
Conc: 40.01 ug/ml m



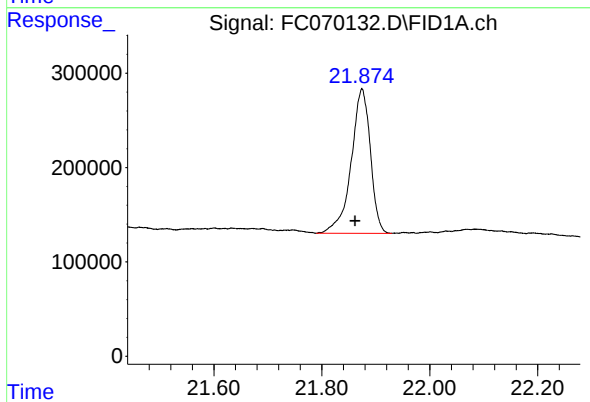
#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: 0.007 min
Response: 3609561
Conc: 41.41 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.874 min
Delta R.T.: 0.013 min
Response: 3780362
Conc: 46.01 ug/ml