

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070150.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2025 20:31
 Operator : YP/AJ
 Sample : PB170423BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170423BSD

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 03:05:34 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)	11.640	6743966	38.418 ug/ml
Spiked Amount 50.000		Recovery =	76.84%
12) S 1-chlorooctadecane (S...	13.074	5356743	40.065 ug/ml
Spiked Amount 50.000		Recovery =	80.13%
Target Compounds			
1) T n-Nonane (C9)	3.387	4461794	31.462 ug/ml
2) T n-Decane (C10)	4.454	4716275	32.121 ug/ml
3) T A~Naphthalene (C11.7)	6.044	5633695	35.034 ug/ml
4) T n-Dodecane (C12)	6.472	5087491	33.177 ug/ml
5) T A~2-methylnaphthalene...	7.102	5334717	34.202 ug/ml
6) T n-Tetradecane (C14)	8.270	5339472	33.972 ug/ml
7) T n-Hexadecane (C16)	9.872	5569104	33.595 ug/ml
8) T n-Octadecane (C18)	11.317	5551802	32.938 ug/ml
10) T n-Eicosane (C20)	12.628	5572877	34.838 ug/ml
11) T n-Heneicosane (C21)	13.239	5328389	34.368 ug/ml
13) T n-Docosane (C22)	13.826	5202456	33.608 ug/ml
14) T n-Tetracosane (C24)	14.927	9856828	63.243 ug/ml
15) T n-Hexacosane (C26)	15.955	4768234	32.034 ug/ml
16) T n-Octacosane (C28)	16.905	4615900	31.759 ug/mlm
17) T n-Tricontane (C30)	17.795	4524698	30.502 ug/ml
18) T n-Dotriacontane (C32)	18.625	4368093	30.017 ug/ml
19) T n-Tetratriacontane (C34)	19.411	4128248	32.080 ug/ml
20) T n-Hexatriacontane (C36)	20.152	3399000	31.535 ug/ml
21) T n-Octatriacontane (C38)	20.908	2892031	30.336 ug/ml
22) T n-Tetracontane (C40)	21.860	2481927	27.993 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 26 Sample Multiplier: 1

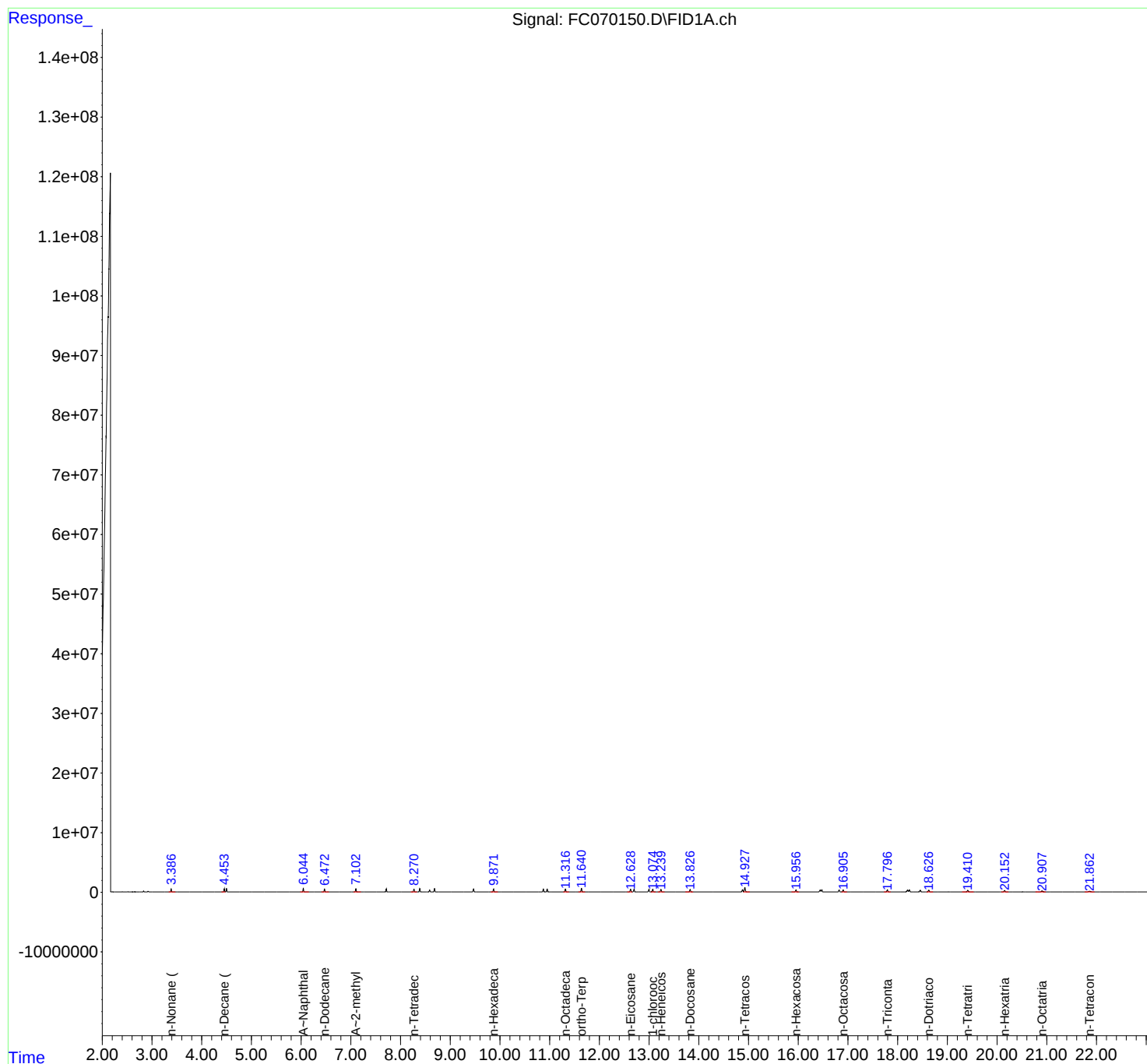
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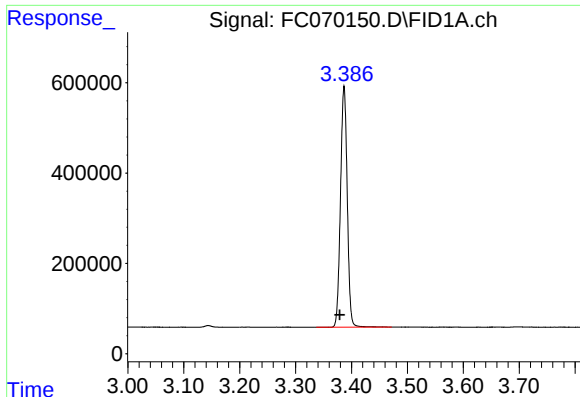
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#1 n-Nonane (C9)

R.T.: 3.387 min
Delta R.T.: 0.008 min
Response: 4461794
Conc: 31.46 ug/ml

Instrument :

FID_C

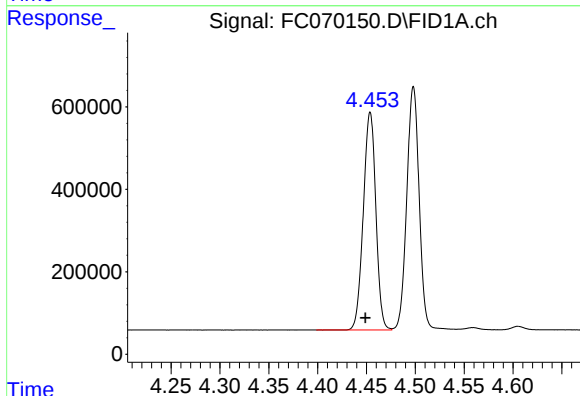
ClientSampleId :

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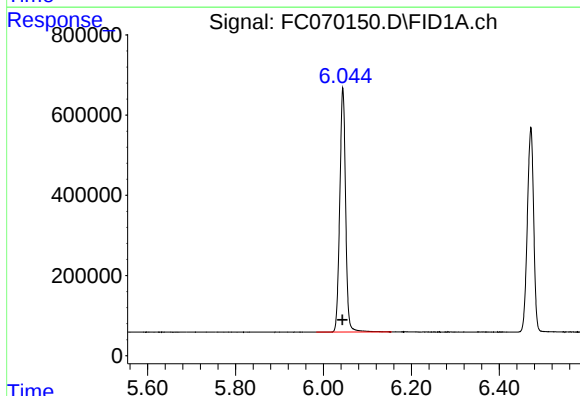
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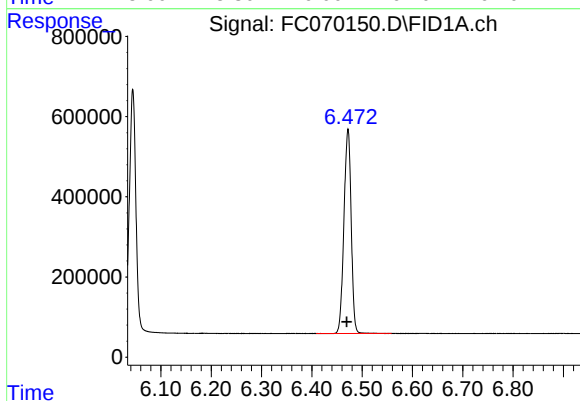
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: 0.005 min
Response: 4716275
Conc: 32.12 ug/ml



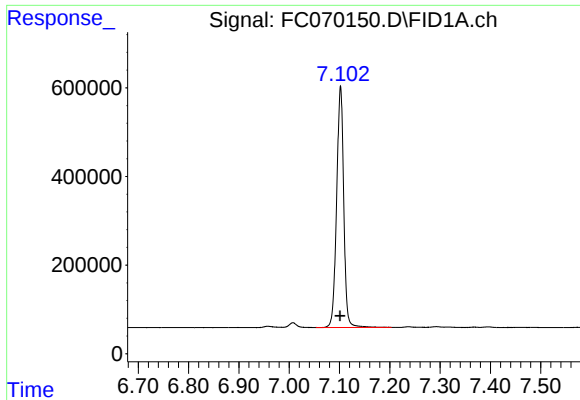
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 5633695
Conc: 35.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.472 min
Delta R.T.: 0.002 min
Response: 5087491
Conc: 33.18 ug/ml



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

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 5334717
Conc: 34.20 ug/ml

Instrument :

FID_C

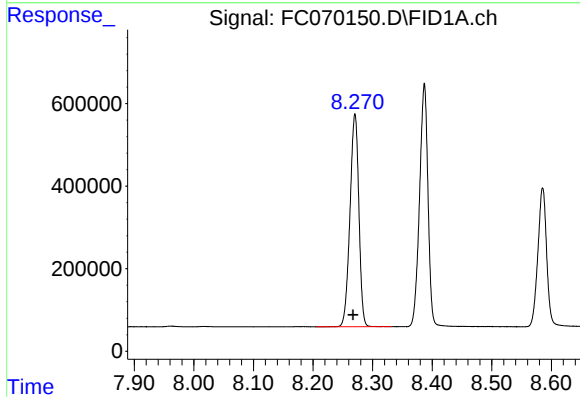
ClientSampleId :

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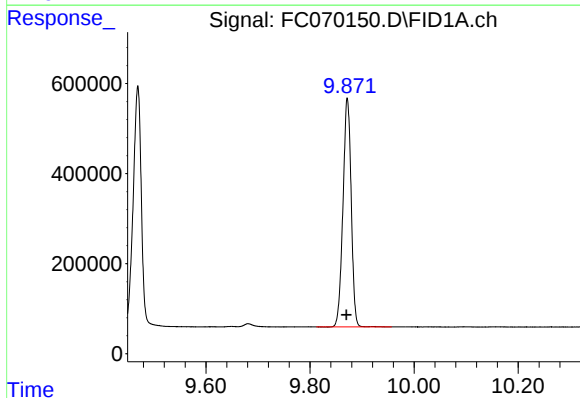
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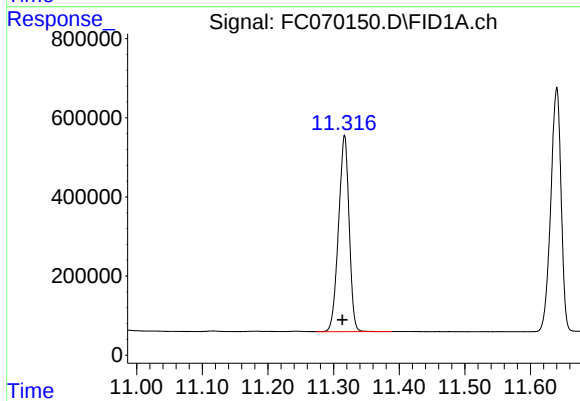
#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: 0.003 min
Response: 5339472
Conc: 33.97 ug/ml



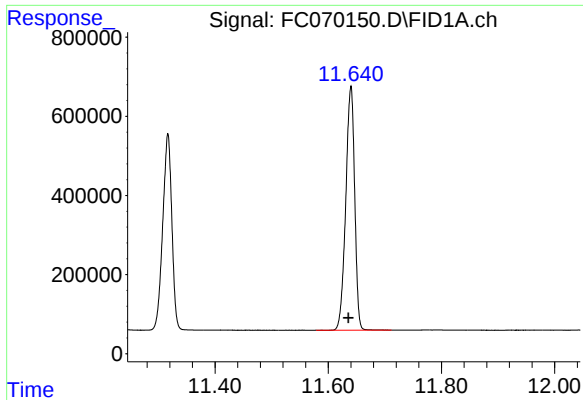
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: 0.002 min
Response: 5569104
Conc: 33.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: 0.003 min
Response: 5551802
Conc: 32.94 ug/ml



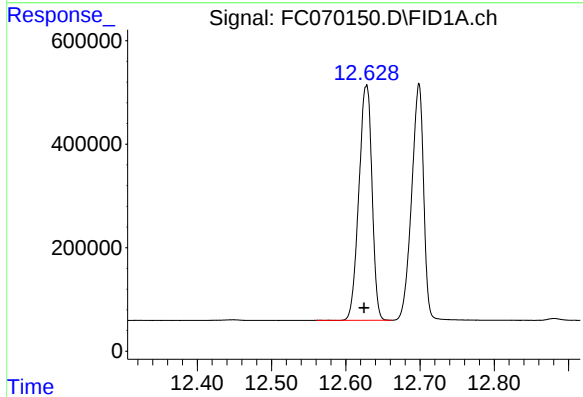
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: 0.004 min
Response: 6743966
Conc: 38.42 ug/ml

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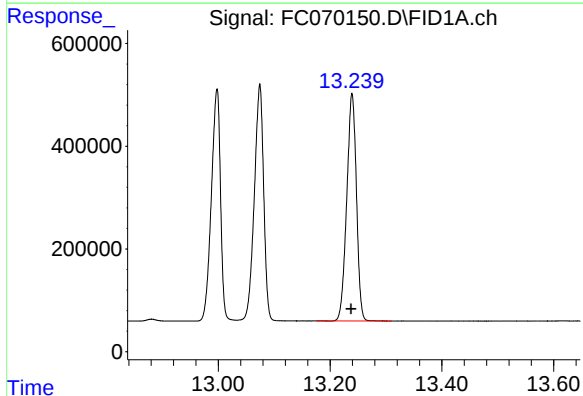
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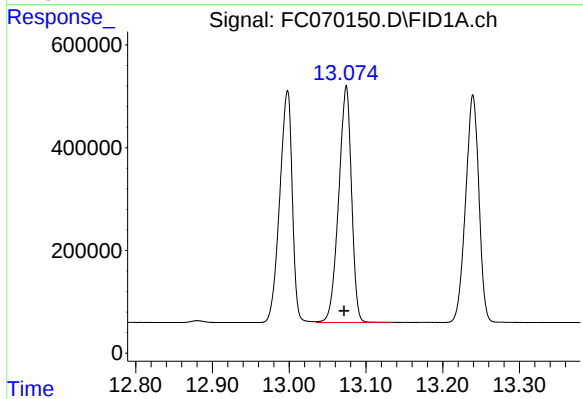
#10 n-Eicosane (C20)

R.T.: 12.628 min
Delta R.T.: 0.003 min
Response: 5572877
Conc: 34.84 ug/ml



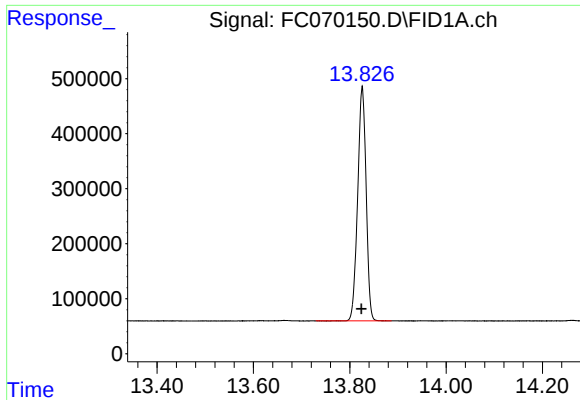
#11 n-Heneicosane (C21)

R.T.: 13.239 min
Delta R.T.: 0.002 min
Response: 5328389
Conc: 34.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: 0.003 min
Response: 5356743
Conc: 40.07 ug/ml



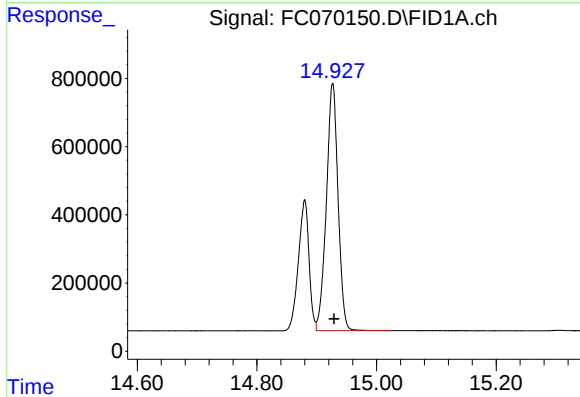
#13 n-Docosane (C22)

R.T.: 13.826 min
Delta R.T.: 0.002 min
Response: 5202456
Conc: 33.61 ug/ml

Instrument :
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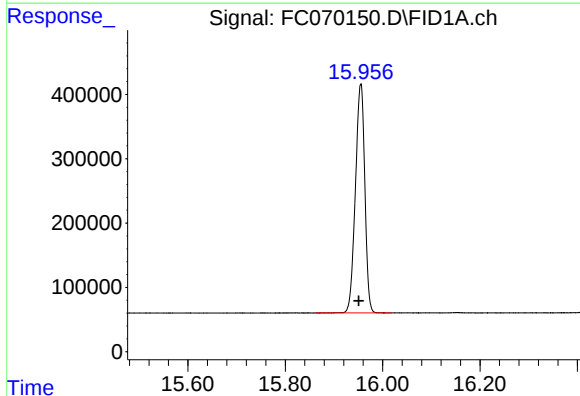
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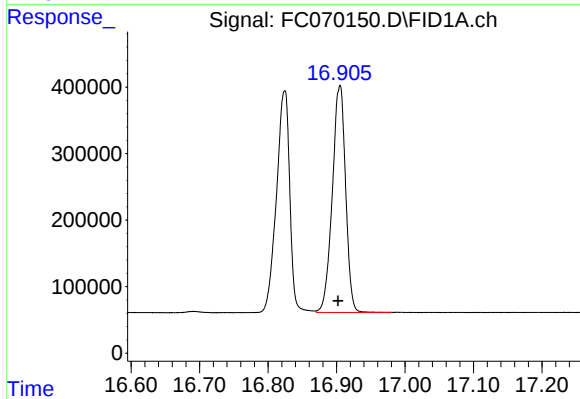
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: -0.002 min
Response: 9856828
Conc: 63.24 ug/ml



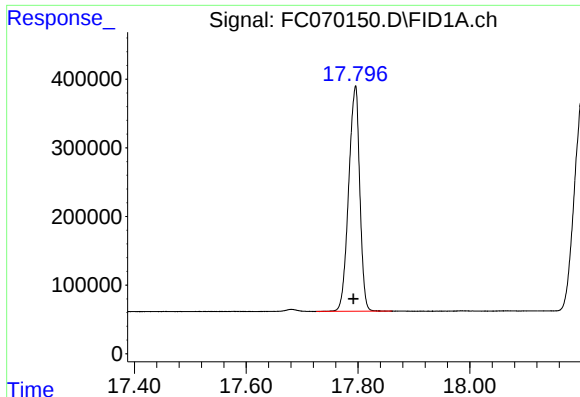
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: 0.004 min
Response: 4768234
Conc: 32.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: 0.002 min
Response: 4615900
Conc: 31.76 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: 0.003 min
Response: 4524698
Conc: 30.50 ug/ml

Instrument :

FID_C

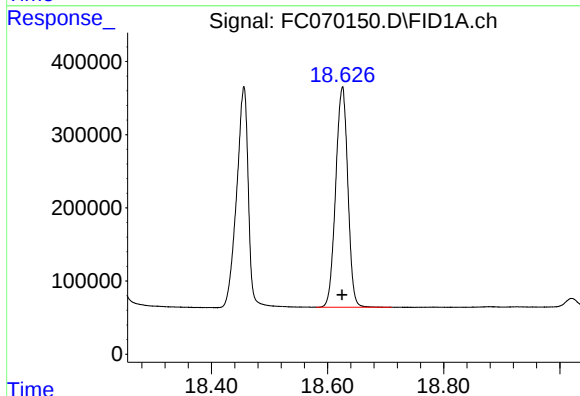
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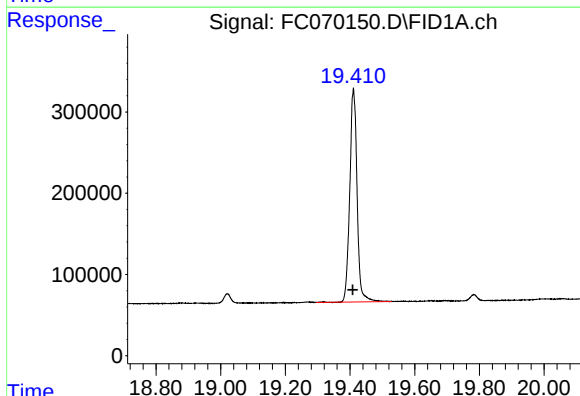
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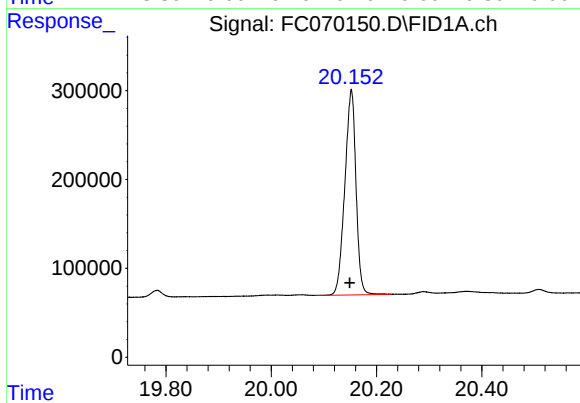
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: 0.000 min
Response: 4368093
Conc: 30.02 ug/ml



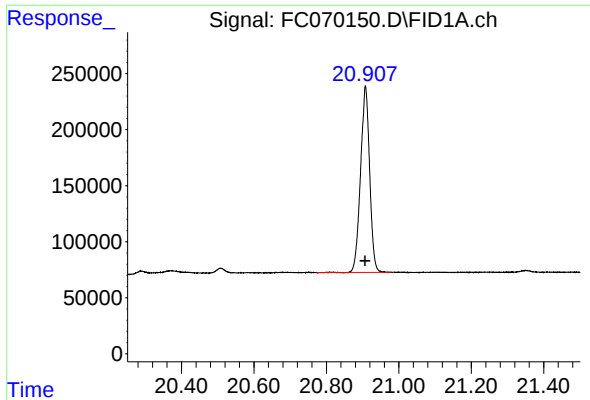
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: 0.002 min
Response: 4128248
Conc: 32.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.152 min
Delta R.T.: 0.003 min
Response: 3399000
Conc: 31.54 ug/ml



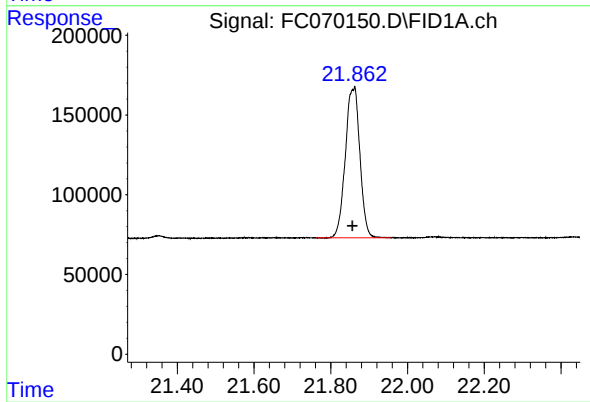
#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.002 min
Response: 2892031
Conc: 30.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: 0.004 min
Response: 2481927
Conc: 27.99 ug/ml