

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070048.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 14:56
 Operator : YP/AJ
 Sample : PB170258BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB170258BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 28 03:27:29 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)	11.646	6730802	38.330 ug/ml
Spiked Amount 50.000		Recovery =	76.66%
12) S 1-chlorooctadecane (S...	13.080	5472306	40.314 ug/ml
Spiked Amount 50.000		Recovery =	80.63%
Target Compounds			
1) T n-Nonane (C9)	3.390	3762008	27.396 ug/ml
2) T n-Decane (C10)	4.457	4042429	28.119 ug/ml
3) T A~Naphthalene (C11.7)	6.048	5136318	31.781 ug/ml
4) T n-Dodecane (C12)	6.476	4485926	29.267 ug/ml
5) T A~2-methylnaphthalene...	7.107	4841815	30.347 ug/ml
6) T n-Tetradecane (C14)	8.275	4907830	30.858 ug/ml
7) T n-Hexadecane (C16)	9.878	5352654	31.763 ug/ml
8) T n-Octadecane (C18)	11.322	5501602	32.338 ug/ml
10) T n-Eicosane (C20)	12.633	5444954	33.939 ug/ml
11) T n-Heneicosane (C21)	13.245	5321906	34.274 ug/ml
13) T n-Docosane (C22)	13.832	5205575	33.825 ug/ml
14) T n-Tetracosane (C24)	14.933	9841837	64.907 ug/ml
15) T n-Hexacosane (C26)	15.960	4692581	32.421 ug/ml
16) T n-Octacosane (C28)	16.910	4435677	32.072 ug/ml
17) T n-Tricontane (C30)	17.800	4179957	30.615 ug/ml
18) T n-Dotriacontane (C32)	18.631	3772252	29.257 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2900392	25.420 ug/mlm
20) T n-Hexatriacontane (C36)	20.154	1638777	16.945 ug/ml
21) T n-Octatriacontane (C38)	20.910	986361	11.317 ug/ml
22) T n-Tetracontane (C40)	21.862	643903	7.837 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

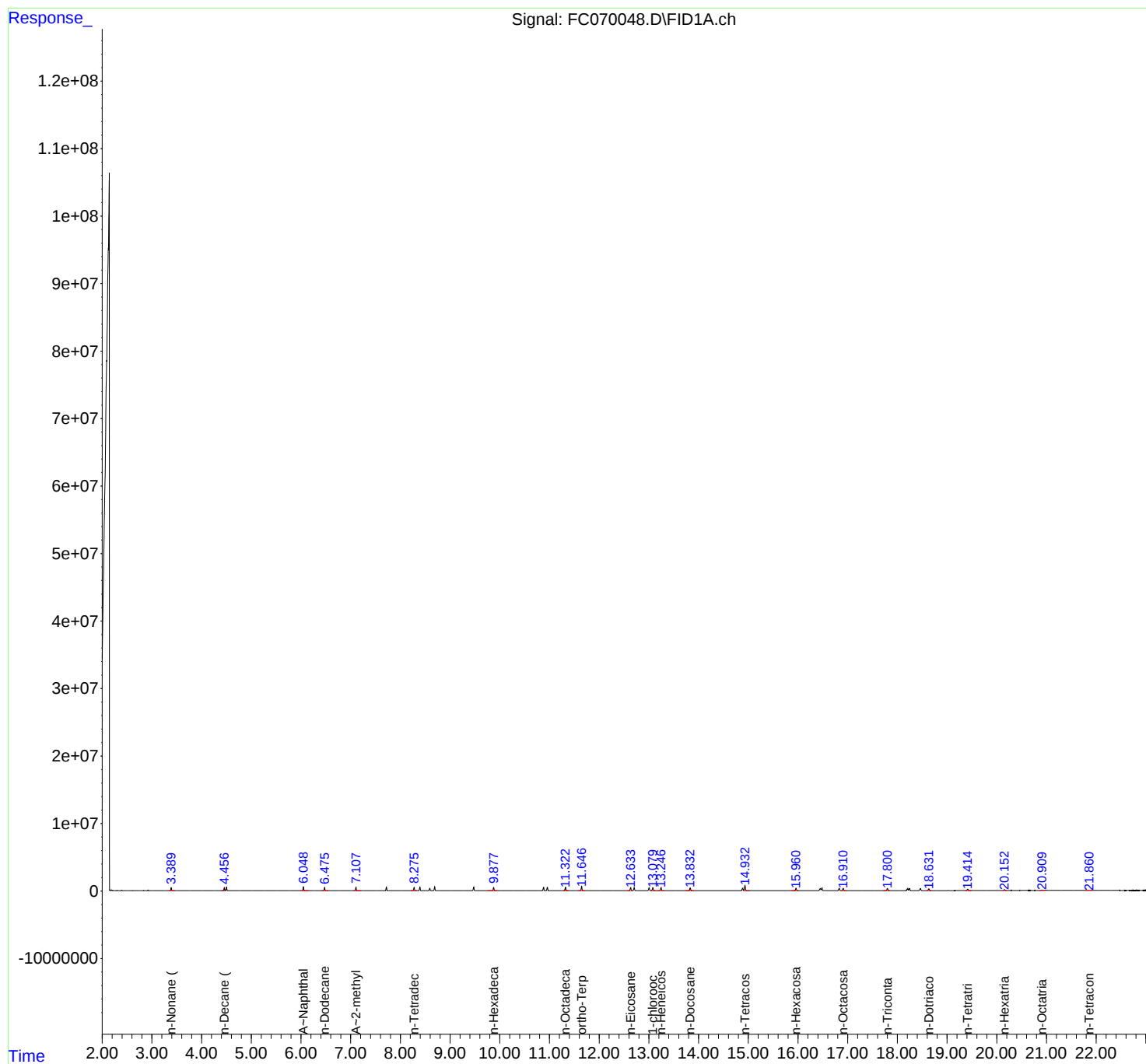
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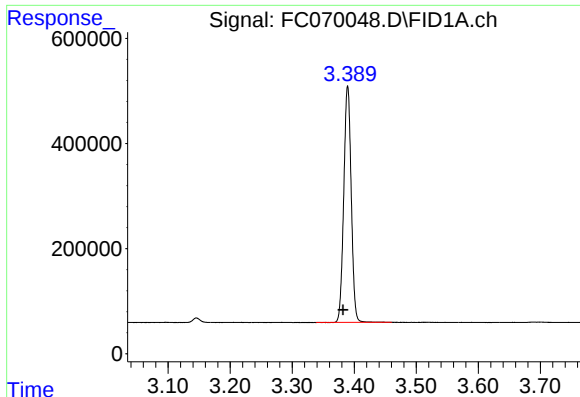
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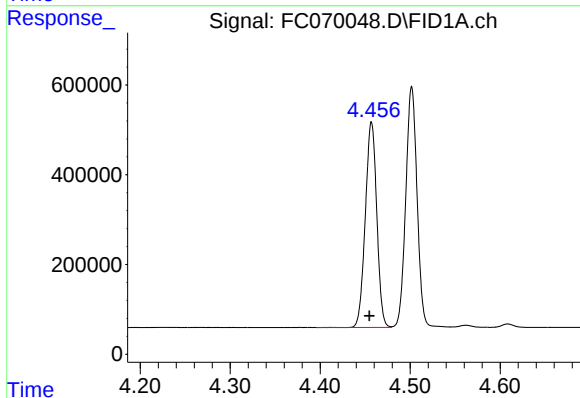
#1 n-Nonane (C9)

R.T.: 3.390 min
Delta R.T.: 0.007 min
Response: 3762008
Conc: 27.40 ug/ml

Instrument :
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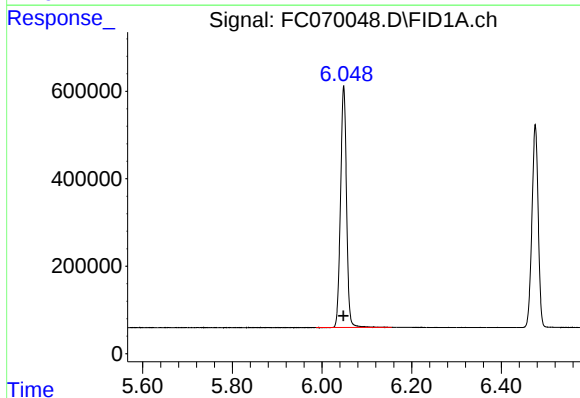
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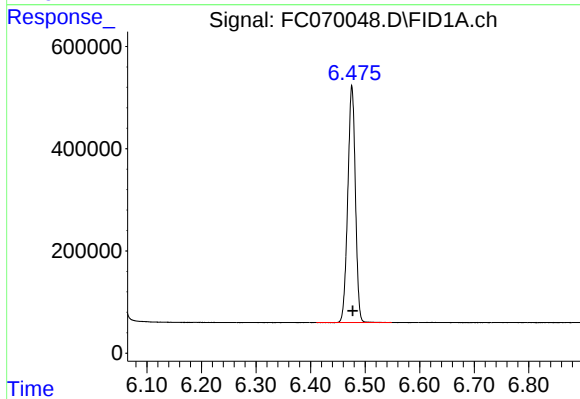
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: 0.003 min
Response: 4042429
Conc: 28.12 ug/ml



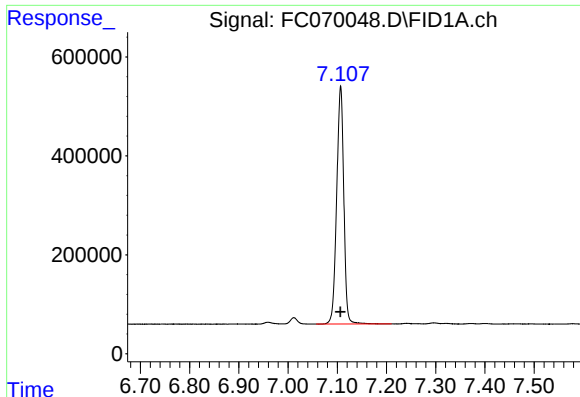
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 5136318
Conc: 31.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 4485926
Conc: 29.27 ug/ml



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

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 4841815
Conc: 30.35 ug/ml

Instrument :

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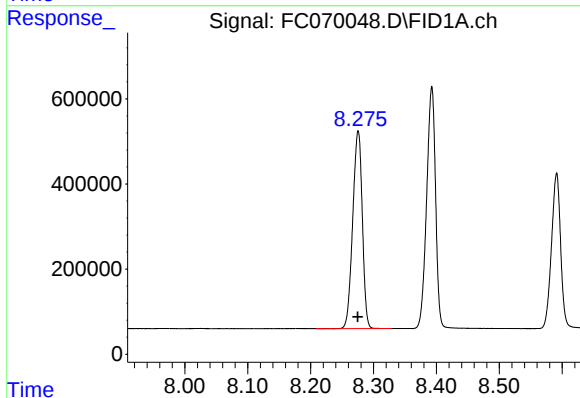
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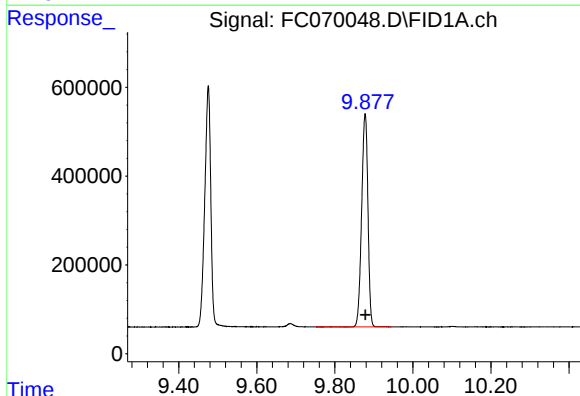
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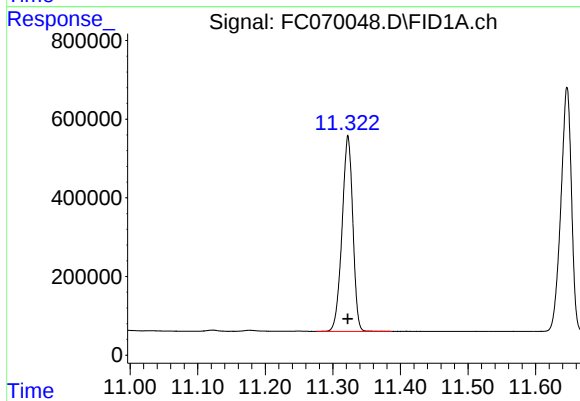
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 4907830
Conc: 30.86 ug/ml



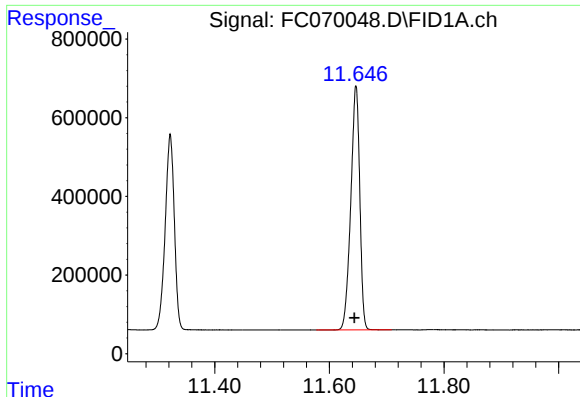
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: -0.001 min
Response: 5352654
Conc: 31.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 5501602
Conc: 32.34 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.003 min
Response: 6730802
Conc: 38.33 ug/ml

Instrument :

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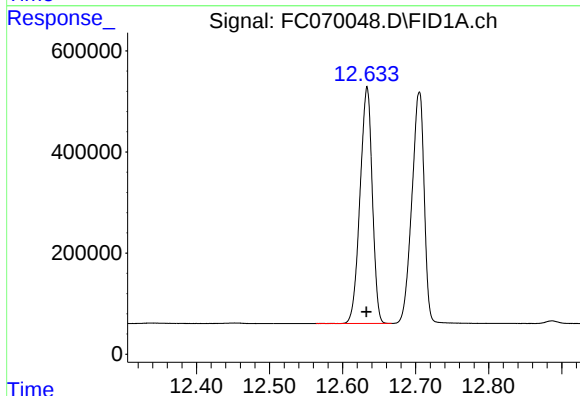
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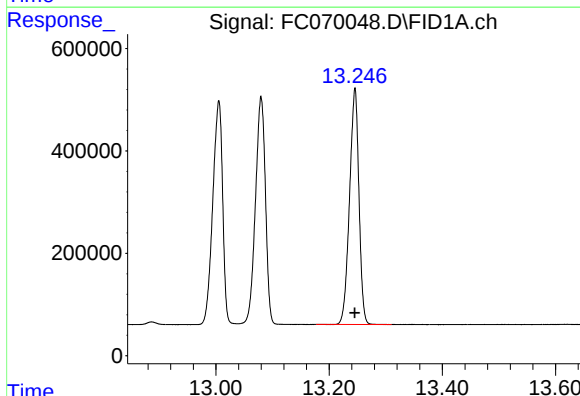
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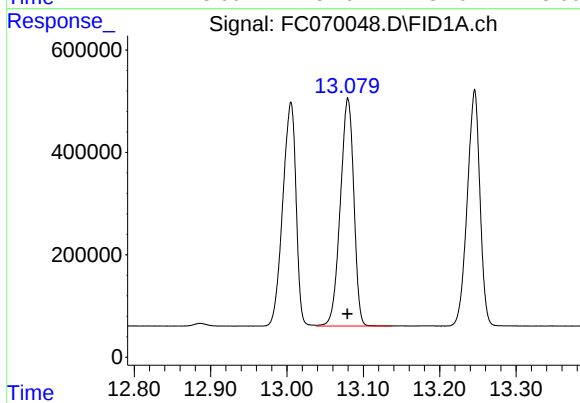
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 5444954
Conc: 33.94 ug/ml



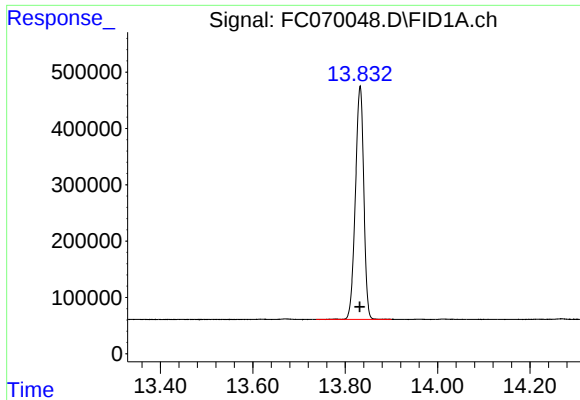
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 5321906
Conc: 34.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: 0.000 min
Response: 5472306
Conc: 40.31 ug/ml



#13 n-Docosane (C22)

R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 5205575
Conc: 33.83 ug/ml

Instrument :

FID_C

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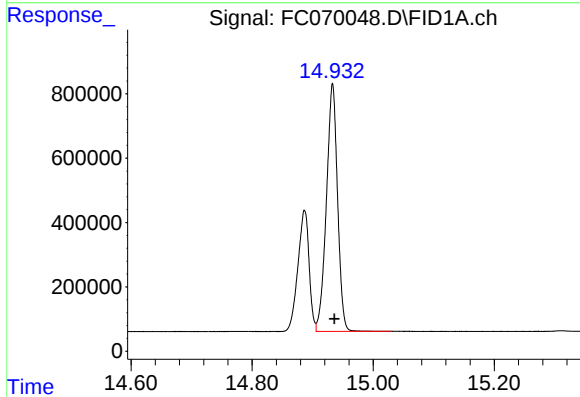
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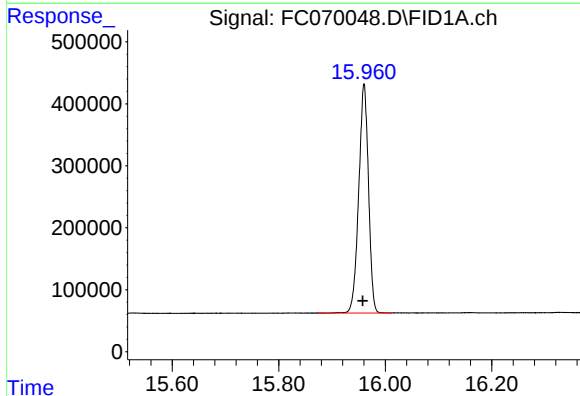
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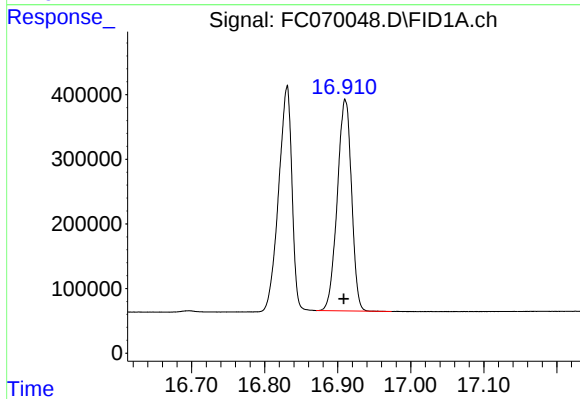
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: -0.003 min
Response: 9841837
Conc: 64.91 ug/ml



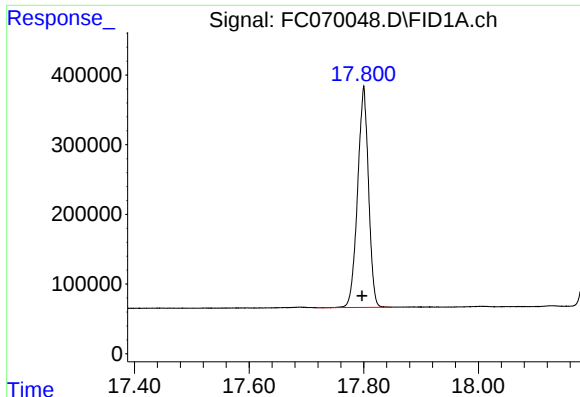
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: 0.002 min
Response: 4692581
Conc: 32.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: 0.002 min
Response: 4435677
Conc: 32.07 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.003 min
Response: 4179957
Conc: 30.61 ug/ml

Instrument :

FID_C

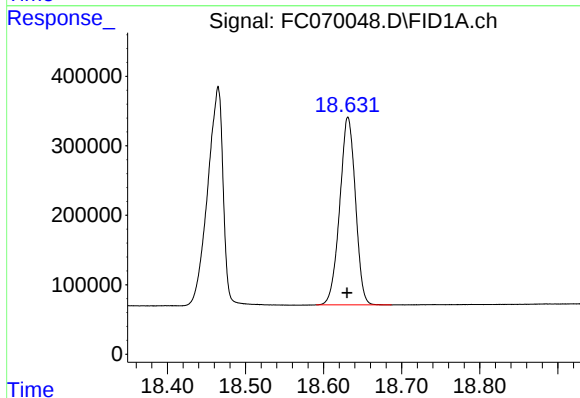
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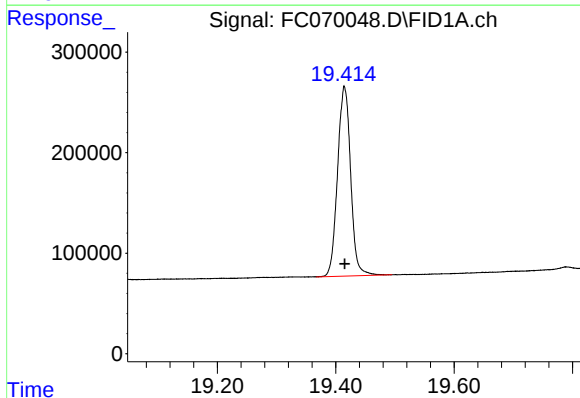
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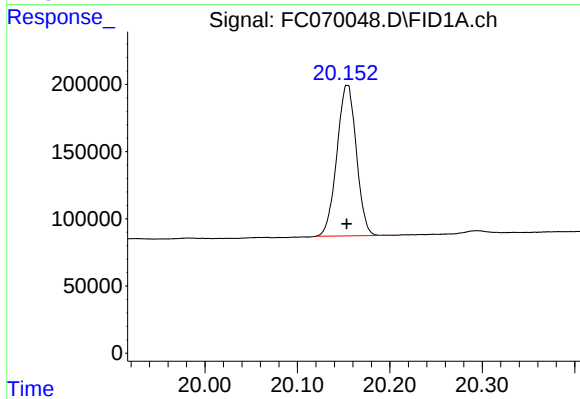
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.001 min
Response: 3772252
Conc: 29.26 ug/ml



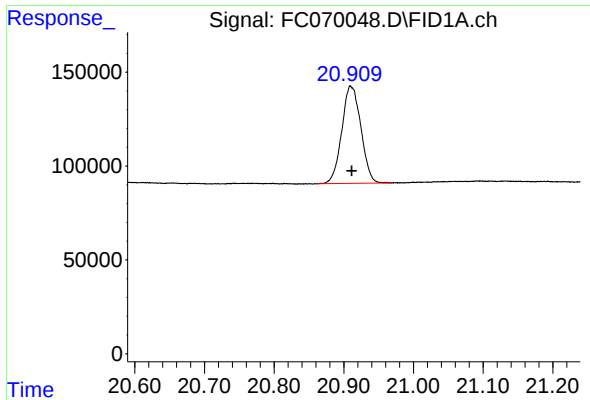
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.002 min
Response: 2900392
Conc: 25.42 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.154 min
Delta R.T.: 0.000 min
Response: 1638777
Conc: 16.95 ug/ml



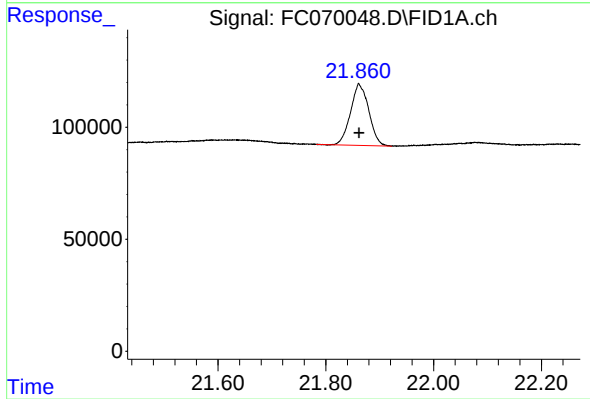
#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.001 min
Response: 986361
Conc: 11.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.862 min
Delta R.T.: 0.000 min
Response: 643903
Conc: 7.84 ug/ml