

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015694.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 17:54
 Operator : YP\AJ
 Sample : Q1818-03MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 RT-3873MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2025
 Supervised By :mohammad ahmed 04/21/2025

Integration File: autoint1.e
 Quant Time: Apr 18 01:26:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:40:13 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)	11.905	4936826	34.053 ug/ml
Spiked Amount 50.000		Recovery =	68.11%
12) S 1-chlorooctadecane (S...	13.348	4089663	38.673 ug/ml
Spiked Amount 50.000		Recovery =	77.35%
Target Compounds			
1) T n-Nonane (C9)	3.249	2457957	21.995 ug/ml
2) T n-Decane (C10)	4.509	2821434	25.161 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3426520	29.534 ug/ml
4) T n-Dodecane (C12)	6.689	3279901	28.686 ug/ml
5) T A~2-methylnaphthalene...	7.323	3392971	30.478 ug/ml
6) T n-Tetradecane (C14)	8.526	3628109	31.838 ug/ml
7) T n-Hexadecane (C16)	10.139	3867572	33.076 ug/ml
8) T n-Octadecane (C18)	11.588	3967857	33.171 ug/ml
10) T n-Eicosane (C20)	12.903	4171963	35.060 ug/ml
11) T n-Heneicosane (C21)	13.516	4025407	34.032 ug/ml
13) T n-Docosane (C22)	14.104	4004576	34.340 ug/ml
14) T n-Tetracosane (C24)	15.194	7818837	67.844 ug/mlm
15) T n-Hexacosane (C26)	16.236	3829163	34.290 ug/ml
16) T n-Octacosane (C28)	17.187	3890740	35.750 ug/ml
17) T n-Tricontane (C30)	18.078	3689150	33.870 ug/ml
18) T n-Dotriacontane (C32)	18.911	3577628	33.255 ug/ml
19) T n-Tetratriacontane (C34)	19.696	3230563	31.706 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2849893	29.134 ug/ml
21) T n-Octatriacontane (C38)	21.177	2591662	28.394 ug/ml
22) T n-Tetracontane (C40)	22.099	2405621	28.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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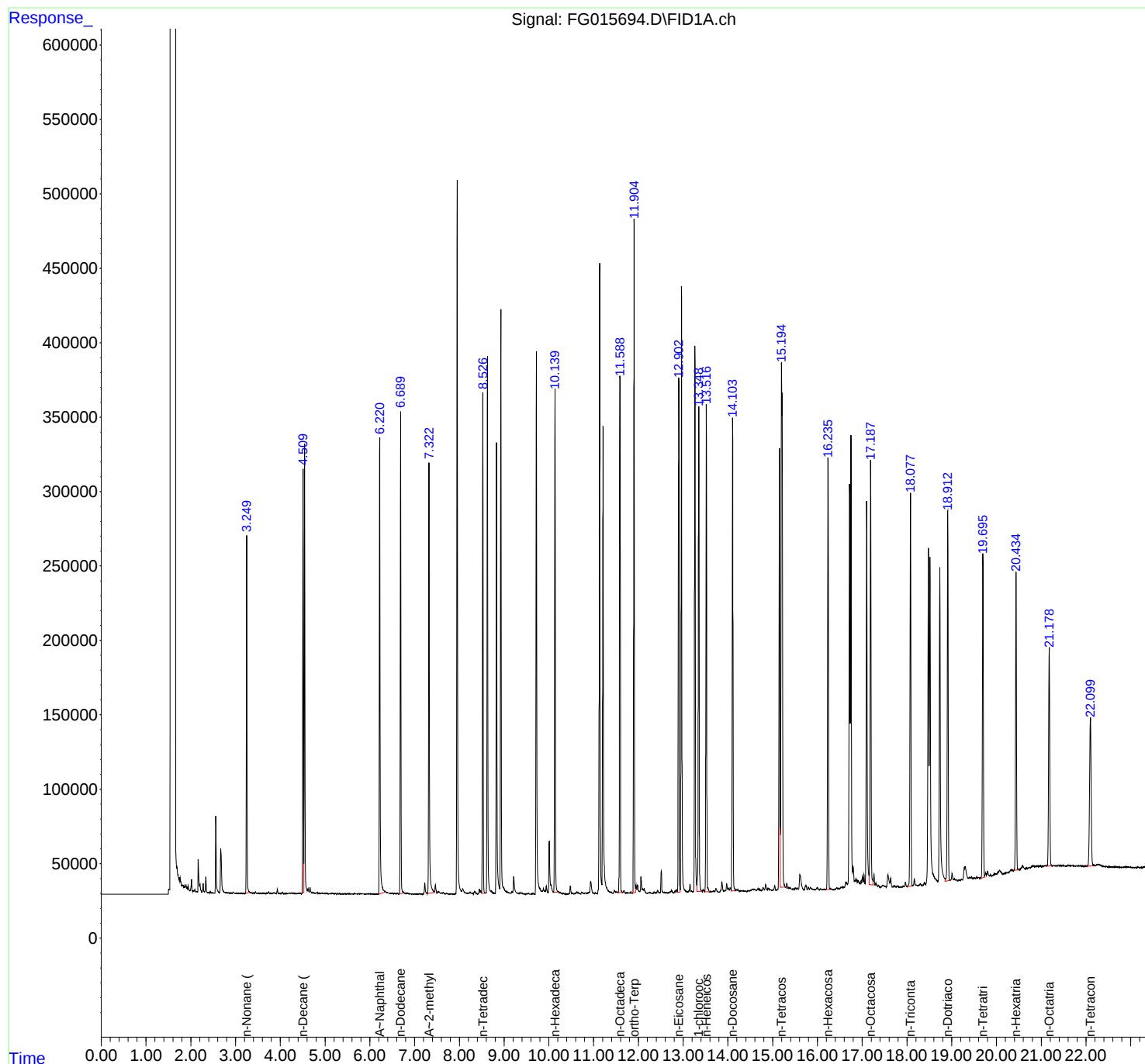
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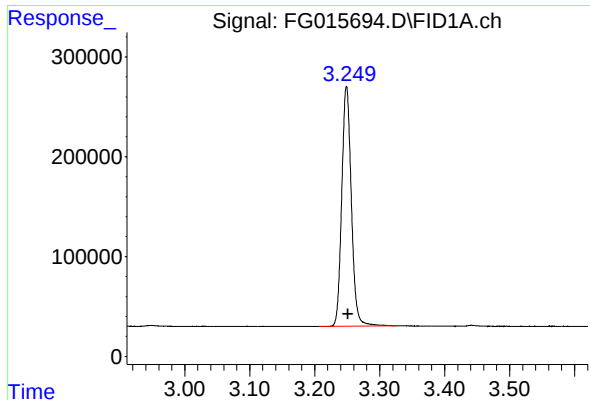
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#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.002 min
Response: 2457957
Conc: 22.00 ug/ml

Instrument :

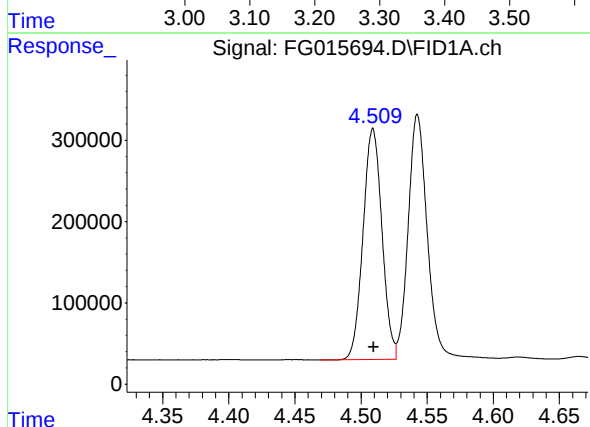
FID_G

ClientSampleId :

RT-3873MS

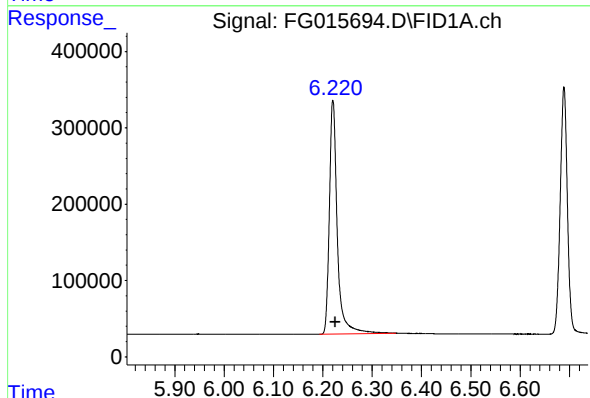
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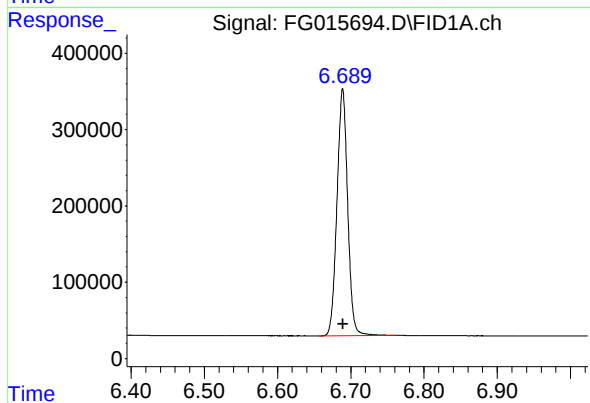
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2821434
Conc: 25.16 ug/ml



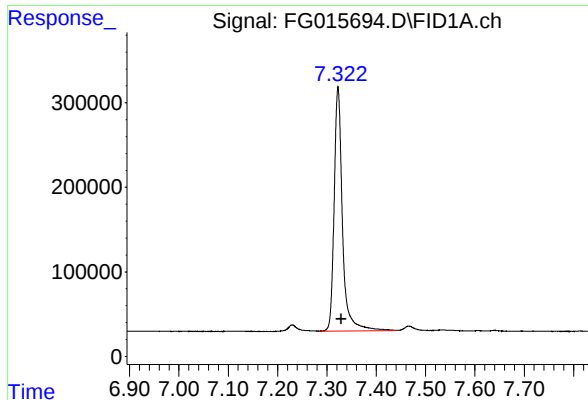
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.005 min
Response: 3426520
Conc: 29.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 3279901
Conc: 28.69 ug/ml



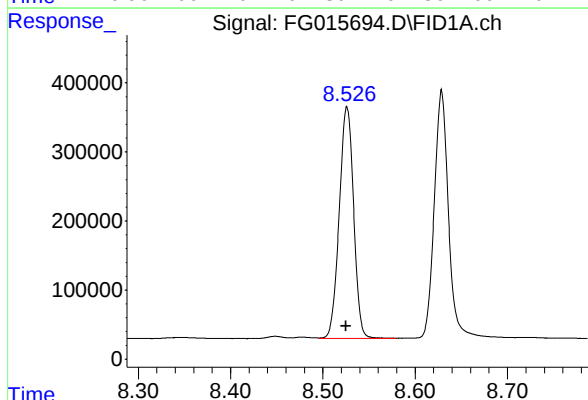
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 3392971
Conc: 30.48 ug/ml

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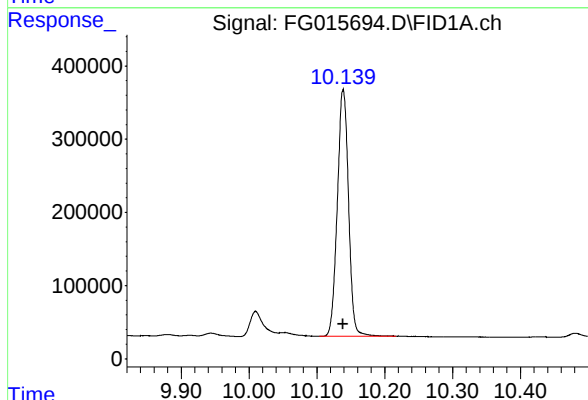
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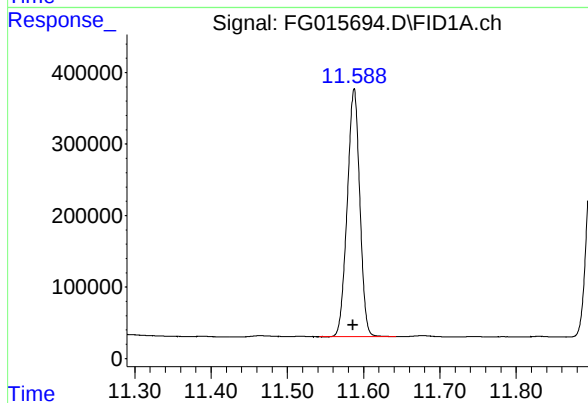
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 3628109
Conc: 31.84 ug/ml



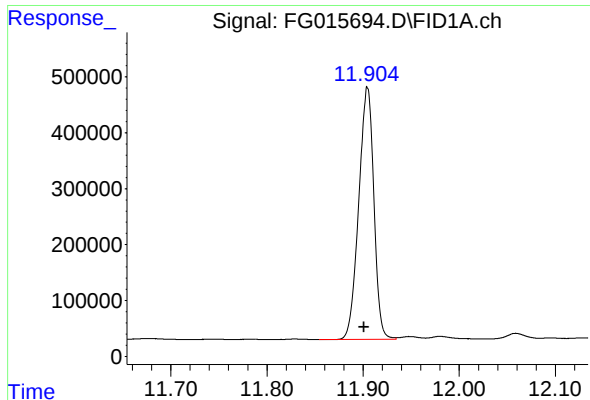
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 3867572
Conc: 33.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: 0.002 min
Response: 3967857
Conc: 33.17 ug/ml



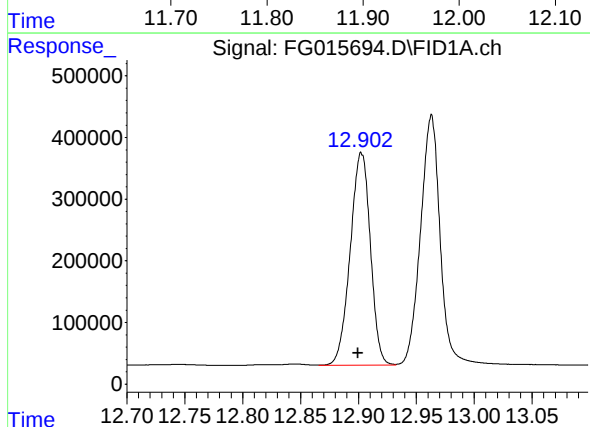
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: 0.004 min
Response: 4936826
Conc: 34.05 ug/ml

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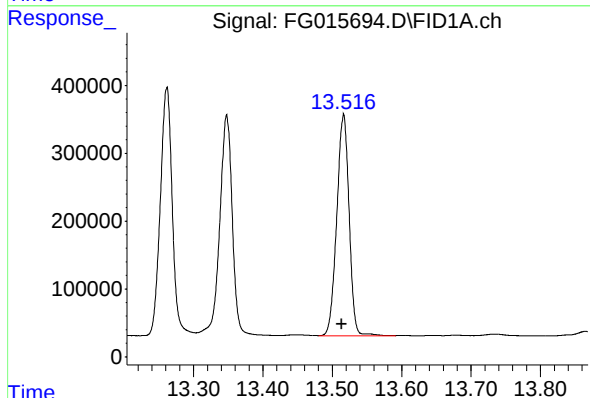
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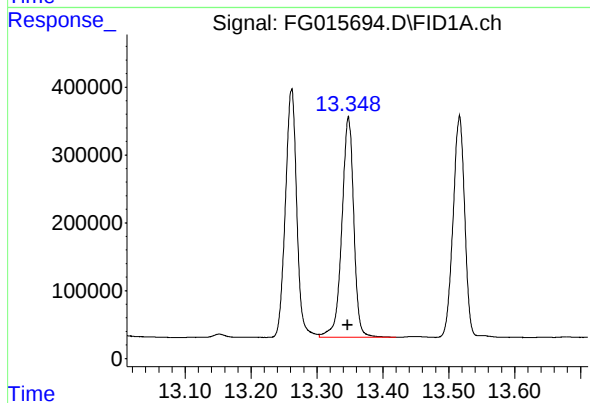
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: 0.003 min
Response: 4171963
Conc: 35.06 ug/ml



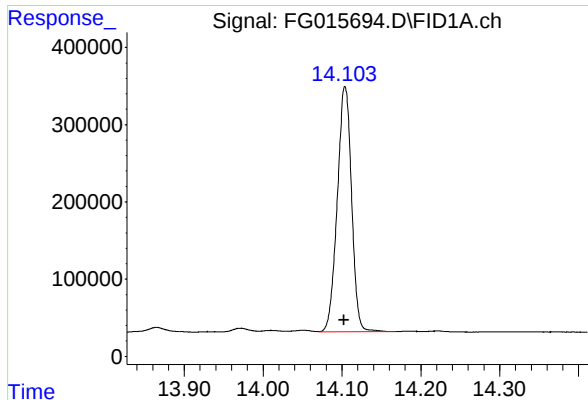
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: 0.003 min
Response: 4025407
Conc: 34.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: 0.001 min
Response: 4089663
Conc: 38.67 ug/ml



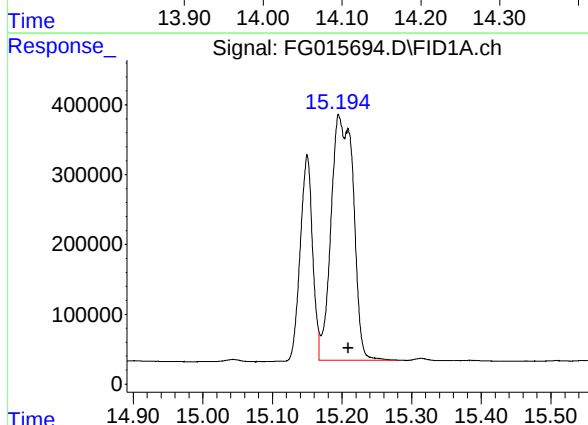
#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: 0.001 min
Response: 4004576
Conc: 34.34 ug/ml

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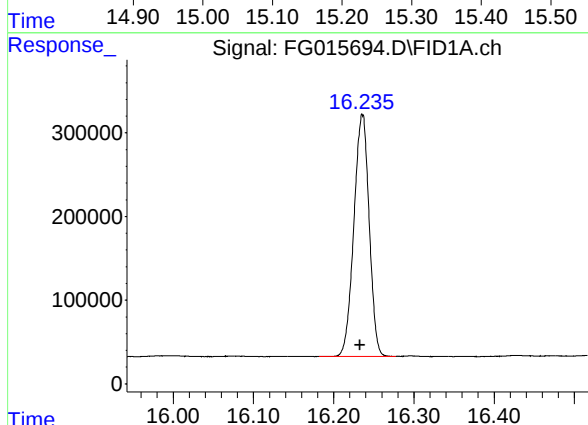
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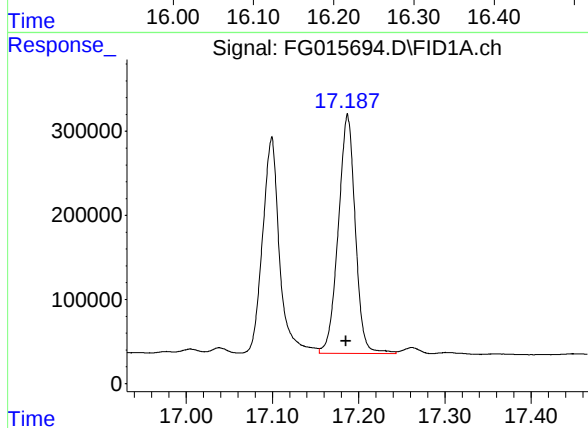
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.015 min
Response: 7818837
Conc: 67.84 ug/ml m



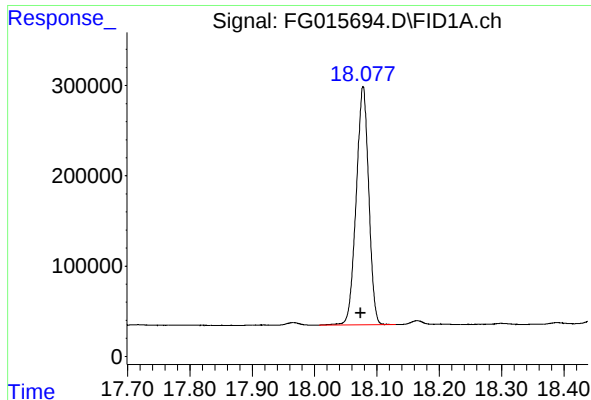
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: 0.003 min
Response: 3829163
Conc: 34.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: 0.002 min
Response: 3890740
Conc: 35.75 ug/ml



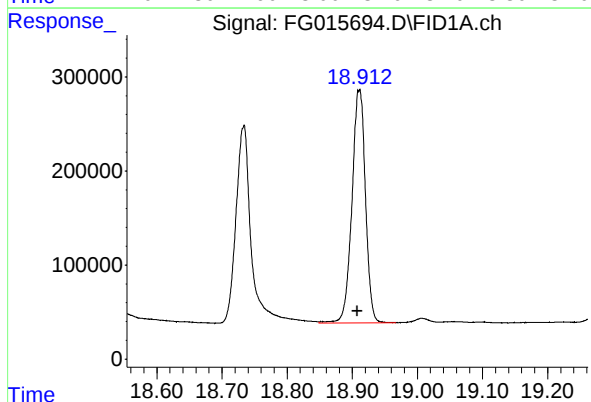
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: 0.004 min
Response: 3689150
Conc: 33.87 ug/ml

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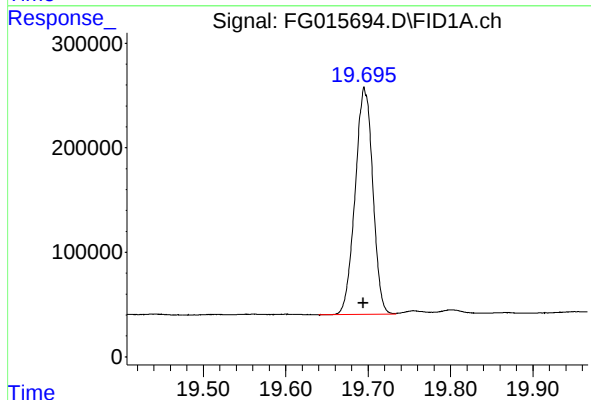
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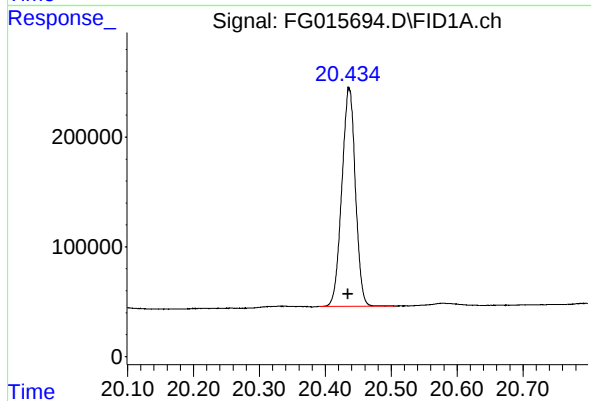
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.003 min
Response: 3577628
Conc: 33.25 ug/ml



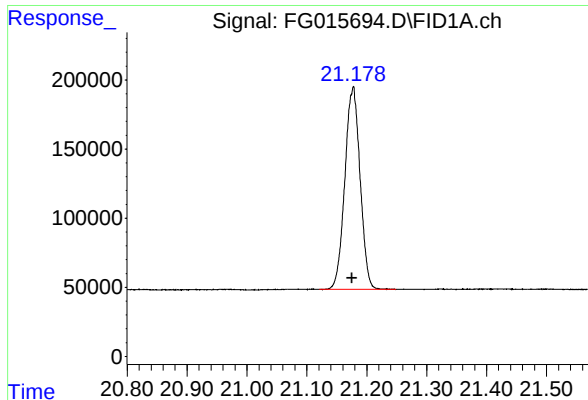
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: 0.002 min
Response: 3230563
Conc: 31.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.436 min
Delta R.T.: 0.002 min
Response: 2849893
Conc: 29.13 ug/ml



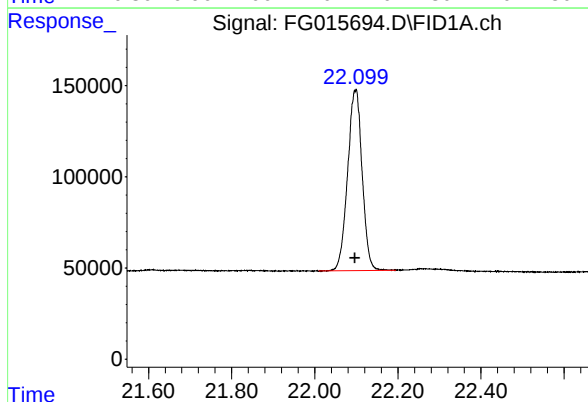
#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.002 min
Response: 2591662
Conc: 28.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: 0.002 min
Response: 2405621
Conc: 28.48 ug/ml