

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015690.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 15:57
 Operator : YP\AJ
 Sample : PB167630BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167630BS

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 01:24:55 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)	11.904	6126405	42.259 ug/ml
Spiked Amount 50.000		Recovery =	84.52%
12) S 1-chlorooctadecane (S...	13.348	4765715	45.066 ug/ml
Spiked Amount 50.000		Recovery =	90.13%
Target Compounds			
1) T n-Nonane (C9)	3.258	4593521	41.105 ug/ml
2) T n-Decane (C10)	4.513	4791001	42.725 ug/ml
3) T A~Naphthalene (C11.7)	6.221	5455325	47.021 ug/ml
4) T n-Dodecane (C12)	6.689	5013882	43.852 ug/ml
5) T A~2-methylnaphthalene...	7.322	4977193	44.708 ug/ml
6) T n-Tetradecane (C14)	8.526	5185679	45.506 ug/ml
7) T n-Hexadecane (C16)	10.139	5231495	44.741 ug/ml
8) T n-Octadecane (C18)	11.589	5283767	44.172 ug/ml
10) T n-Eicosane (C20)	12.903	5459509	45.880 ug/ml
11) T n-Heneicosane (C21)	13.517	5217077	44.107 ug/ml
13) T n-Docosane (C22)	14.104	5169809	44.332 ug/ml
14) T n-Tetracosane (C24)	15.209	9973822	86.543 ug/mlm
15) T n-Hexacosane (C26)	16.236	4974966	44.550 ug/ml
16) T n-Octacosane (C28)	17.187	5003940	45.979 ug/ml
17) T n-Tricontane (C30)	18.078	4772943	43.820 ug/ml
18) T n-Dotriacontane (C32)	18.912	4644716	43.173 ug/ml
19) T n-Tetratriacontane (C34)	19.695	4356062	42.752 ug/ml
20) T n-Hexatriacontane (C36)	20.437	3890881	39.776 ug/ml
21) T n-Octatriacontane (C38)	21.177	3309305	36.256 ug/ml
22) T n-Tetracontane (C40)	22.102	2654910	31.436 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: Apr 18 01:24:55 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

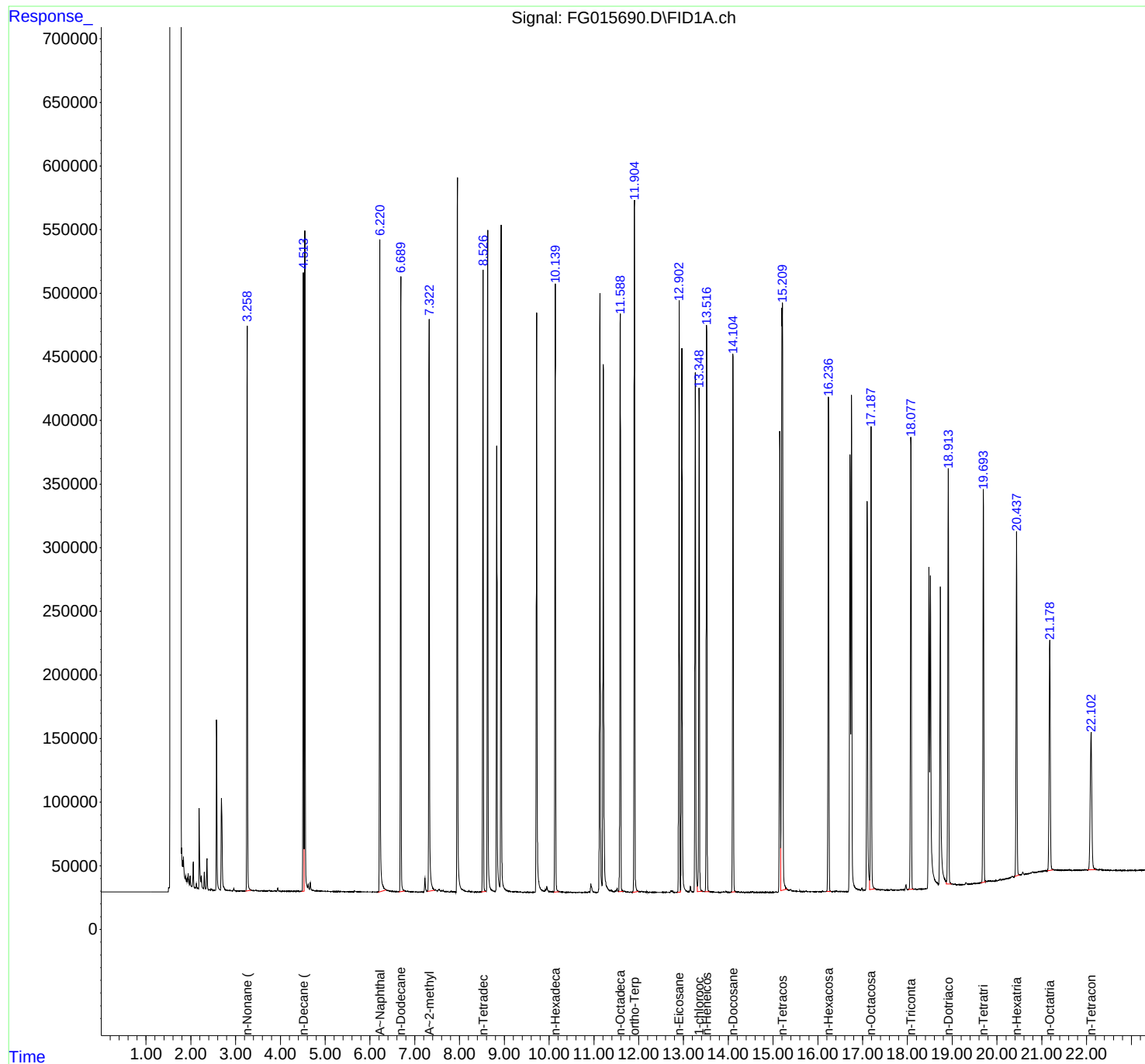
Response via : Initial Calibration

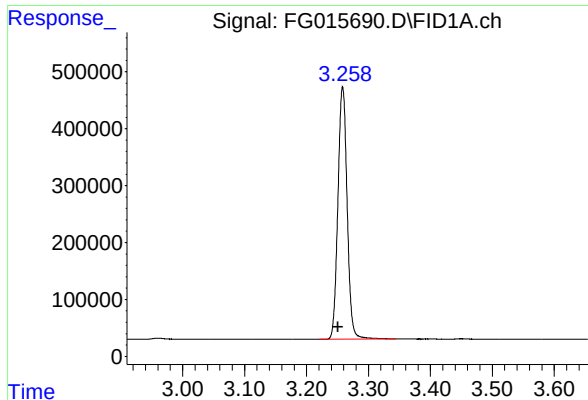
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: 0.007 min
Response: 4593521
Conc: 41.11 ug/ml

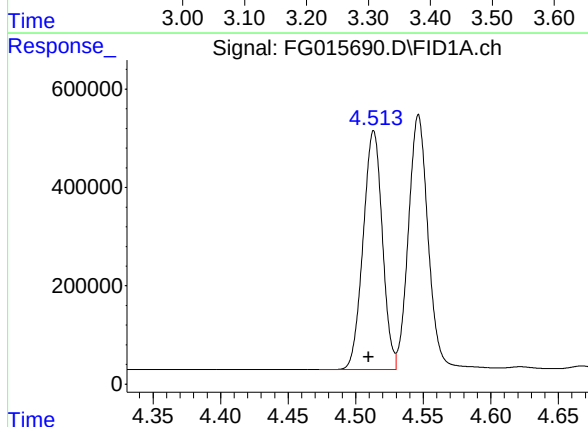
Instrument :

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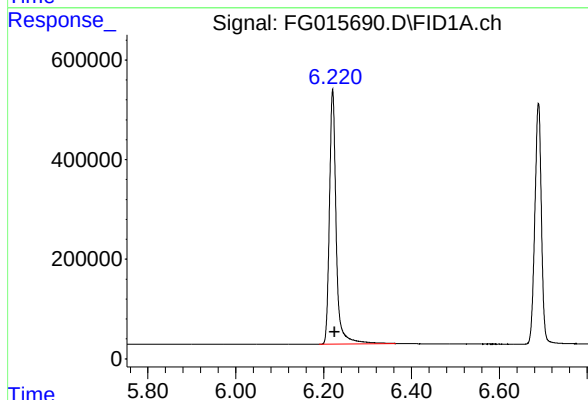
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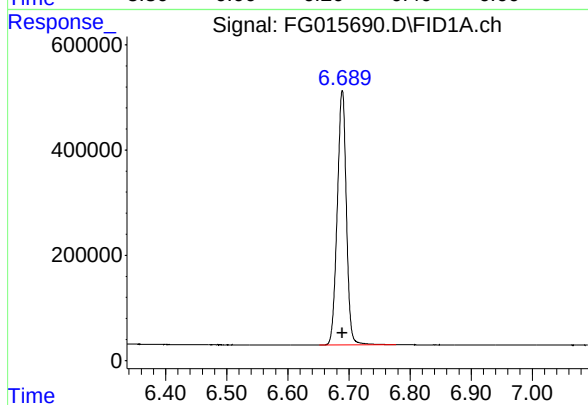
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: 0.004 min
Response: 4791001
Conc: 42.73 ug/ml



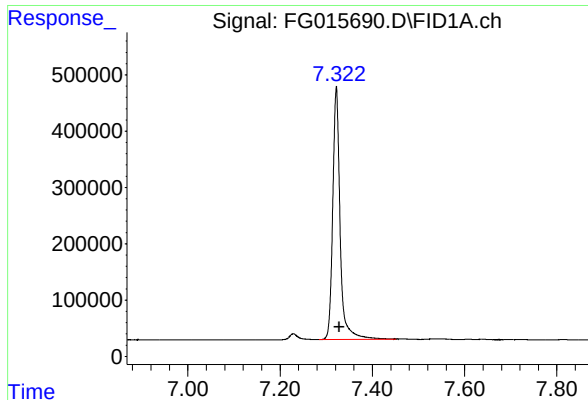
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.005 min
Response: 5455325
Conc: 47.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 5013882
Conc: 43.85 ug/ml



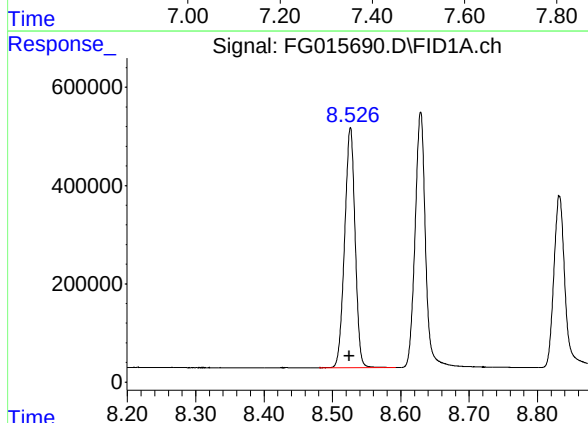
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min
Delta R.T.: -0.007 min
Response: 4977193
Conc: 44.71 ug/ml

Instrument :
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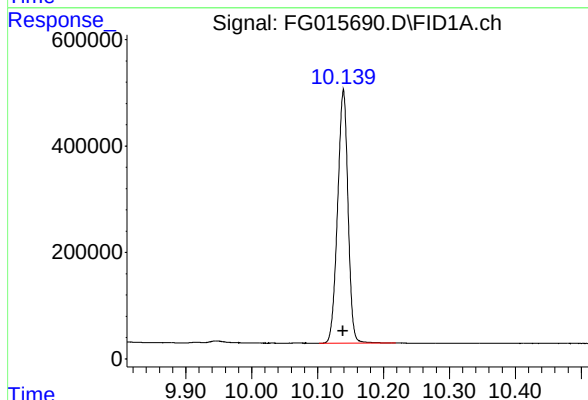
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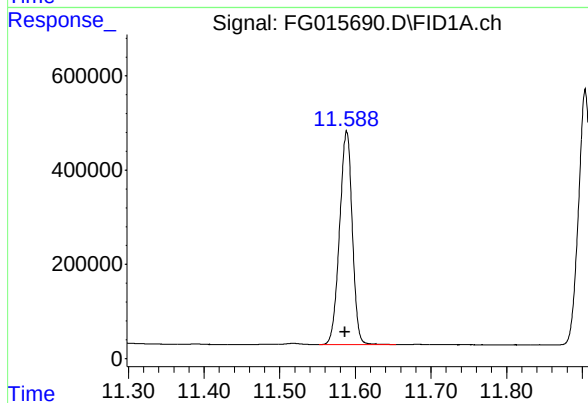
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.001 min
Response: 5185679
Conc: 45.51 ug/ml



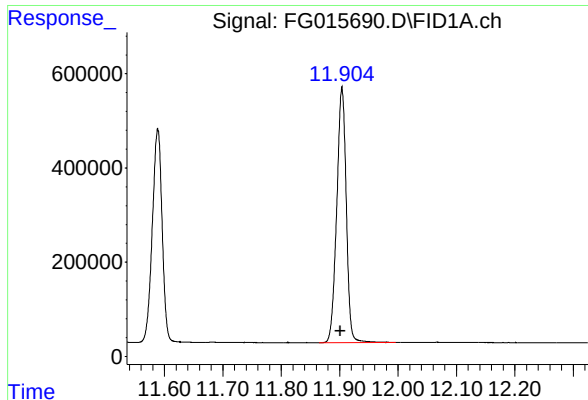
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 5231495
Conc: 44.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.589 min
Delta R.T.: 0.002 min
Response: 5283767
Conc: 44.17 ug/ml



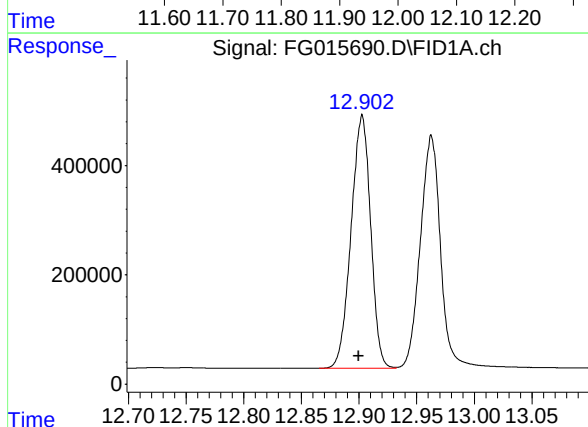
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: 0.003 min
Response: 6126405
Conc: 42.26 ug/ml

Instrument :
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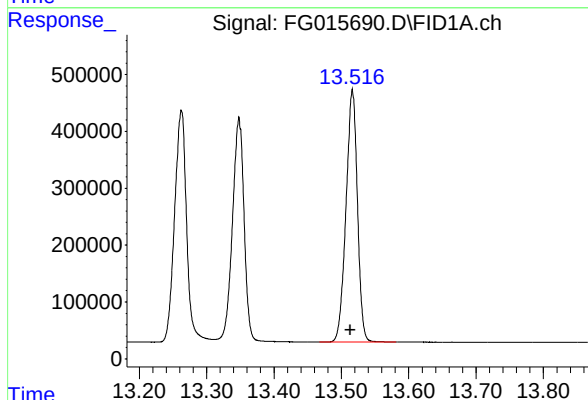
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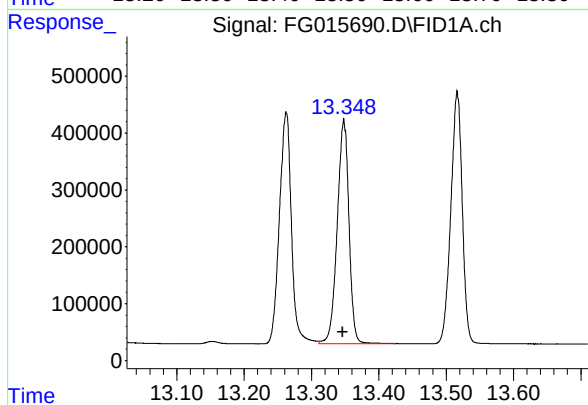
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: 0.003 min
Response: 5459509
Conc: 45.88 ug/ml



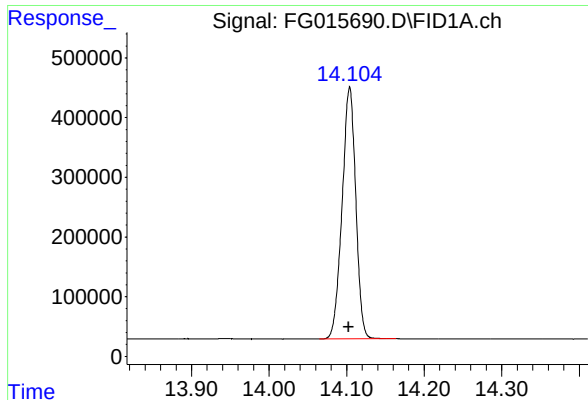
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: 0.003 min
Response: 5217077
Conc: 44.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: 0.001 min
Response: 4765715
Conc: 45.07 ug/ml



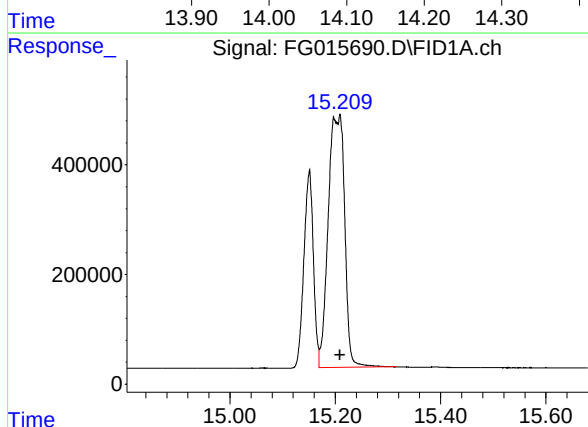
#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: 0.001 min
Response: 5169809
Conc: 44.33 ug/ml

Instrument :
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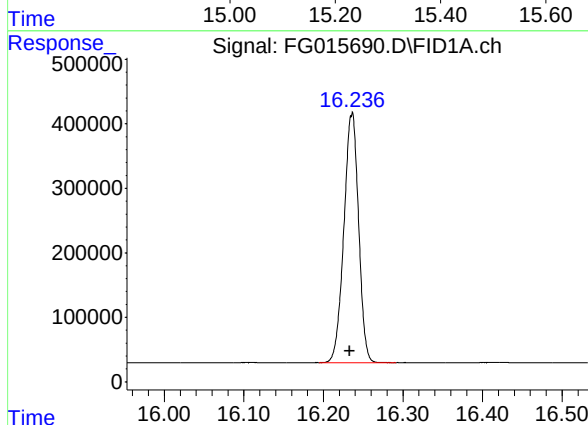
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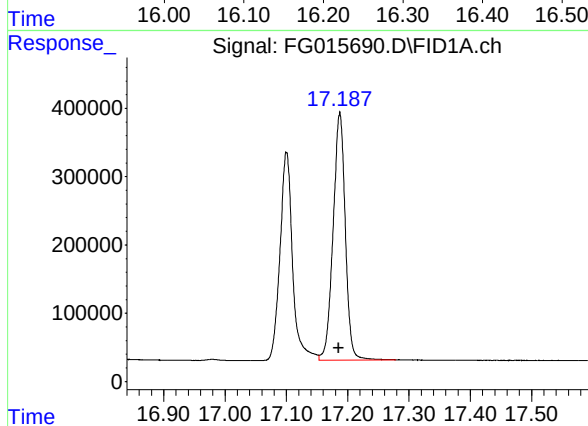
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 9973822
Conc: 86.54 ug/ml



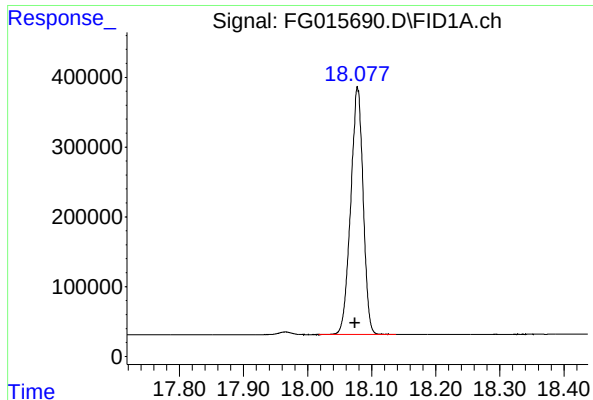
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: 0.003 min
Response: 4974966
Conc: 44.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: 0.002 min
Response: 5003940
Conc: 45.98 ug/ml



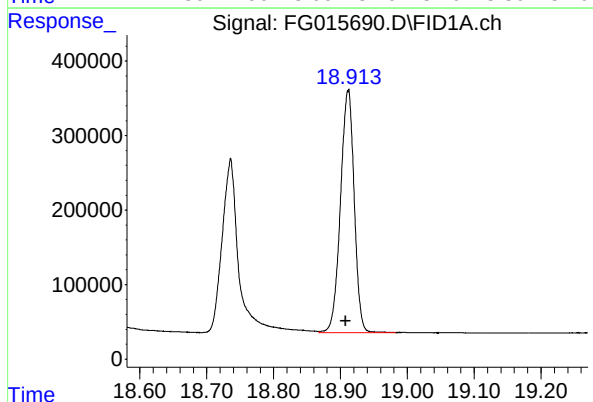
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: 0.004 min
Response: 4772943
Conc: 43.82 ug/ml

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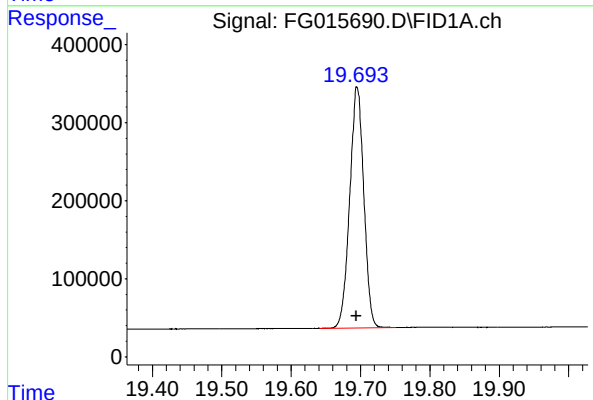
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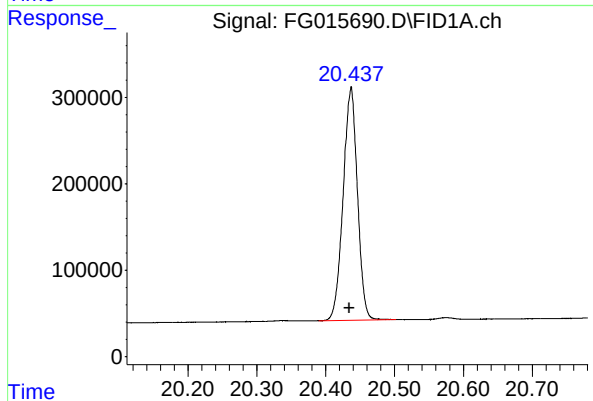
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.004 min
Response: 4644716
Conc: 43.17 ug/ml



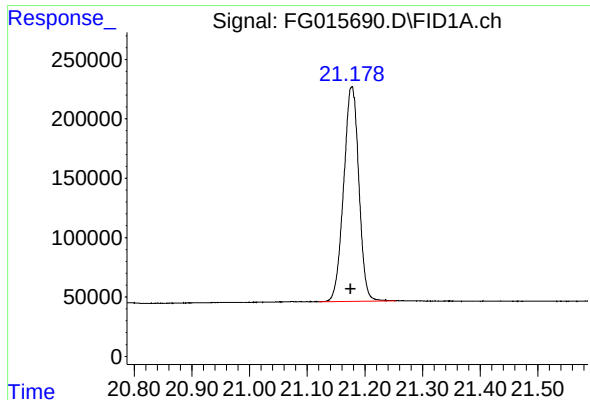
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.001 min
Response: 4356062
Conc: 42.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: 0.003 min
Response: 3890881
Conc: 39.78 ug/ml



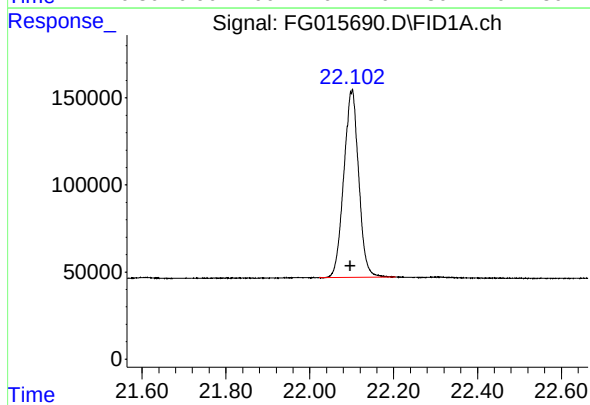
#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.002 min
Response: 3309305
Conc: 36.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: 0.005 min
Response: 2654910
Conc: 31.44 ug/ml