

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092925AL\
 Data File : FG016693.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2025 20:33
 Operator : YP\AJ
 Sample : Q3231-05MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File: autoint1.e
 Quant Time: Sep 30 01:46:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.058	4477354	31.390 ug/ml
Spiked Amount 50.000		Recovery =	62.78%
12) S 1-chlorooctadecane (S...	13.502	3738713	33.123 ug/ml
Spiked Amount 50.000		Recovery =	66.25%
Target Compounds			
1) T n-Nonane (C9)	3.379	3353124	29.548 ug/ml
2) T n-Decane (C10)	4.641	3764926	32.553 ug/ml
3) T A~Naphthalene (C11.7)	6.358	4362861	35.386 ug/ml
4) T n-Dodecane (C12)	6.822	4137140	35.247 ug/ml
5) T A~2-methylnaphthalene...	7.462	4371602	37.792 ug/ml
6) T n-Tetradecane (C14)	8.663	4552597	38.804 ug/ml
7) T n-Hexadecane (C16)	10.281	5044088	40.710 ug/ml
8) T n-Octadecane (C18)	11.736	5291252	40.646 ug/ml
10) T n-Eicosane (C20)	13.055	5511826	42.636 ug/ml
11) T n-Heneicosane (C21)	13.671	5404086	42.083 ug/ml
13) T n-Docosane (C22)	14.262	5465825	42.389 ug/ml
14) T n-Tetracosane (C24)	15.367	10872206	83.361 ug/ml
15) T n-Hexacosane (C26)	16.403	5225595	40.481 ug/ml
16) T n-Octacosane (C28)	17.357	5134462	40.459 ug/ml
17) T n-Tricontane (C30)	18.253	4902998	38.319 ug/ml
18) T n-Dotriacontane (C32)	19.089	4715931	38.506 ug/ml
19) T n-Tetratriacontane (C34)	19.876	4466167	41.112 ug/ml
20) T n-Hexatriacontane (C36)	20.619	4128687	45.434 ug/ml
21) T n-Octatriacontane (C38)	21.401	3937482	48.347 ug/ml
22) T n-Tetracontane (C40)	22.390	3825734	49.595 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 36 Sample Multiplier: 1

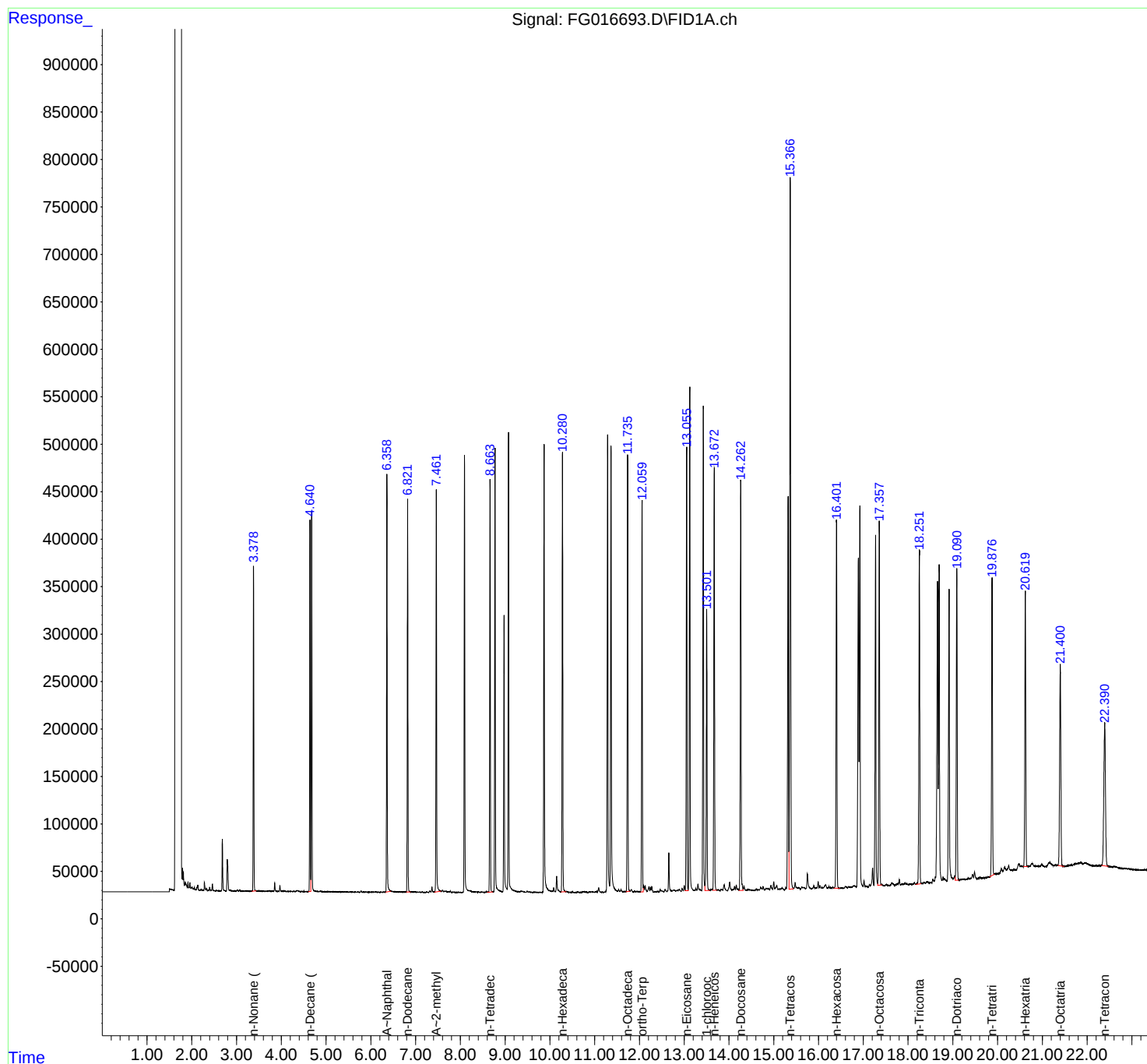
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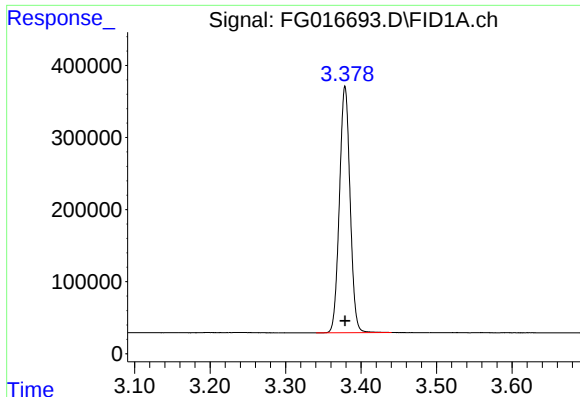
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#1 n-Nonane (C9)

R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 3353124
Conc: 29.55 ug/ml

Instrument :

FID_G

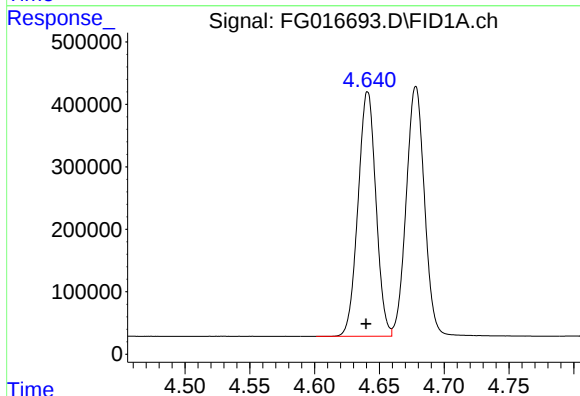
ClientSampleId :

WC-2MSD

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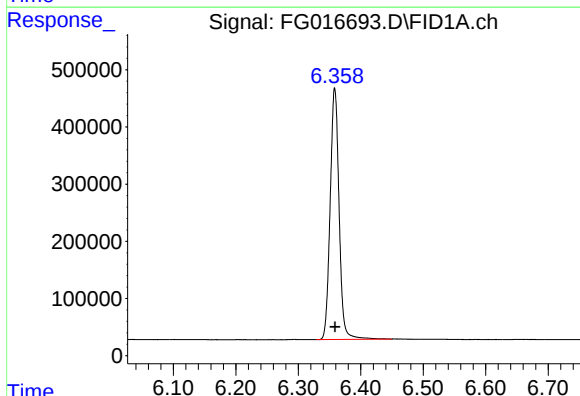
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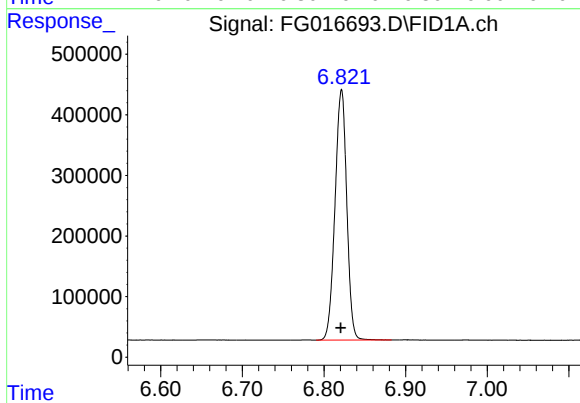
#2 n-Decane (C10)

R.T.: 4.641 min
Delta R.T.: 0.001 min
Response: 3764926
Conc: 32.55 ug/ml



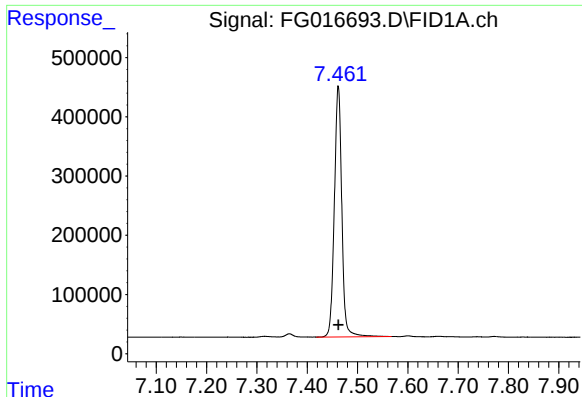
#3 A~Naphthalene (C11.7)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 4362861
Conc: 35.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.822 min
Delta R.T.: 0.001 min
Response: 4137140
Conc: 35.25 ug/ml



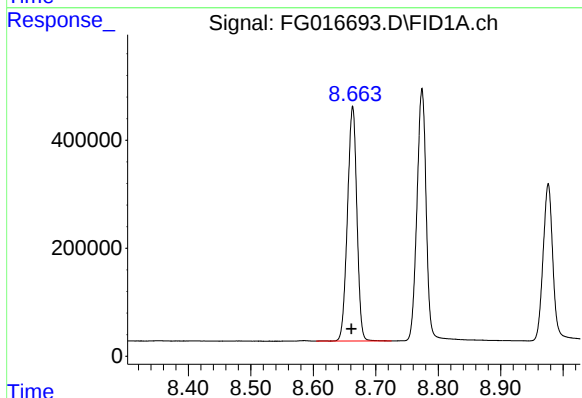
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 4371602
Conc: 37.79 ug/ml

Instrument :
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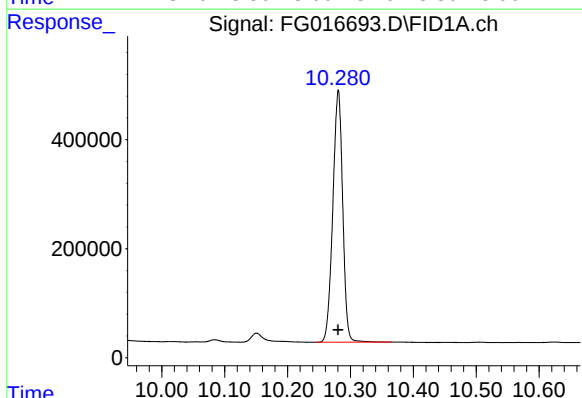
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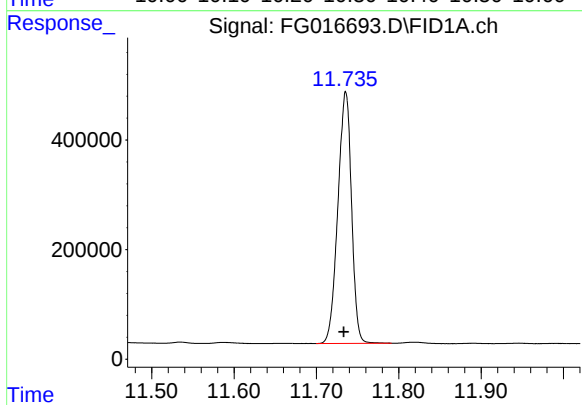
#6 n-Tetradecane (C14)

R.T.: 8.663 min
Delta R.T.: 0.002 min
Response: 4552597
Conc: 38.80 ug/ml



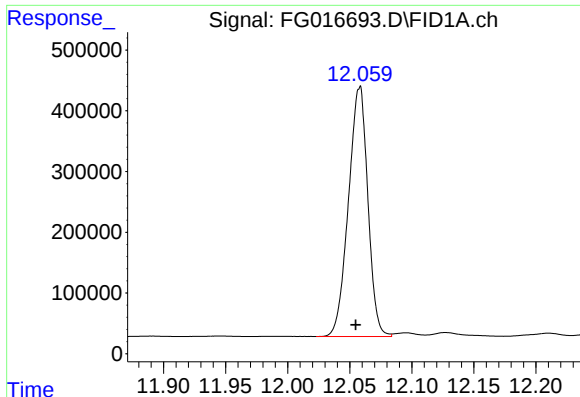
#7 n-Hexadecane (C16)

R.T.: 10.281 min
Delta R.T.: 0.000 min
Response: 5044088
Conc: 40.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.736 min
Delta R.T.: 0.003 min
Response: 5291252
Conc: 40.65 ug/ml



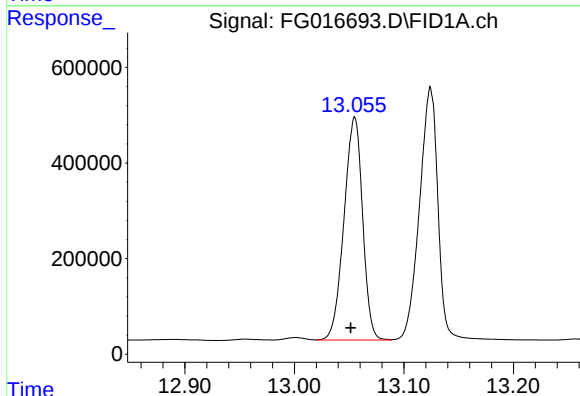
#9 ortho-Terphenyl (SURR)

R.T.: 12.058 min
Delta R.T.: 0.003 min
Response: 4477354
Conc: 31.39 ug/ml

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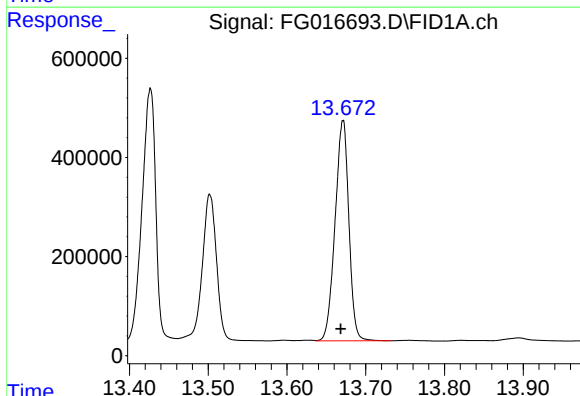
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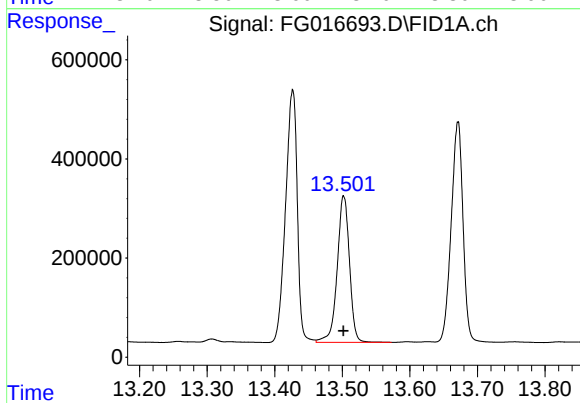
#10 n-Eicosane (C20)

R.T.: 13.055 min
Delta R.T.: 0.004 min
Response: 5511826
Conc: 42.64 ug/ml



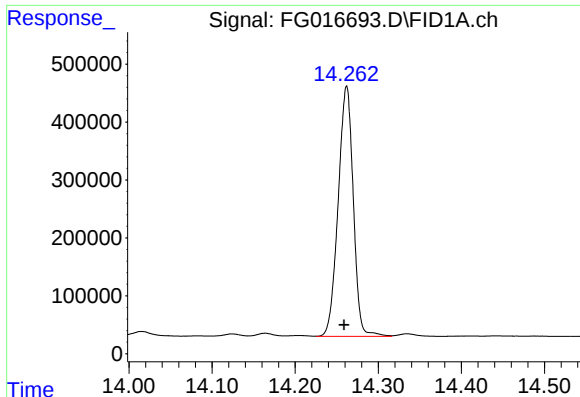
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: 0.003 min
Response: 5404086
Conc: 42.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.502 min
Delta R.T.: 0.000 min
Response: 3738713
Conc: 33.12 ug/ml



#13 n-Docosane (C22)

R.T.: 14.262 min
Delta R.T.: 0.003 min
Response: 5465825
Conc: 42.39 ug/ml

Instrument :

FID_G

ClientSampleId :

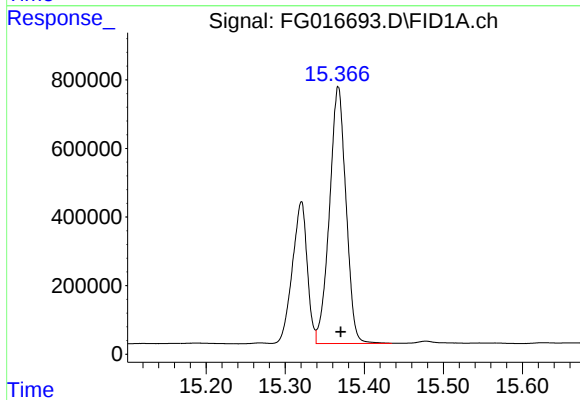
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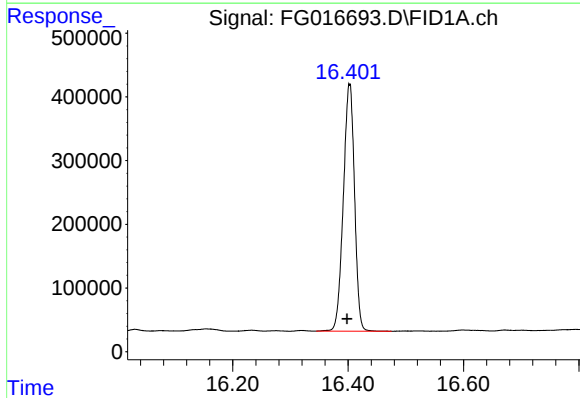
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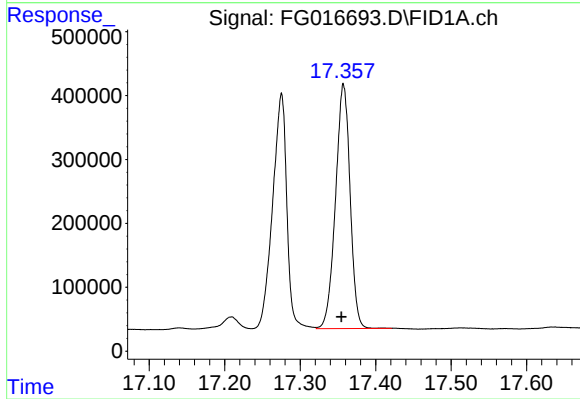
#14 n-Tetracosane (C24)

R.T.: 15.367 min
Delta R.T.: -0.003 min
Response: 10872206
Conc: 83.36 ug/ml



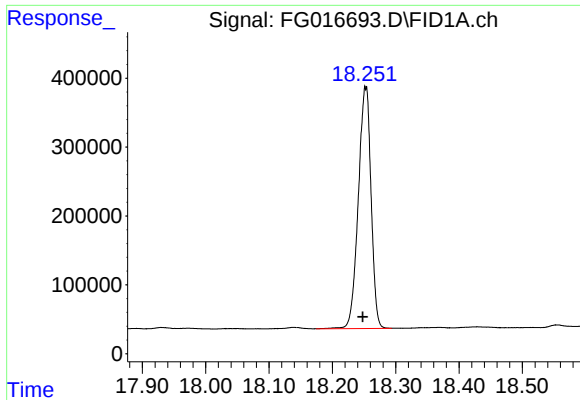
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: 0.004 min
Response: 5225595
Conc: 40.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: 0.003 min
Response: 5134462
Conc: 40.46 ug/ml



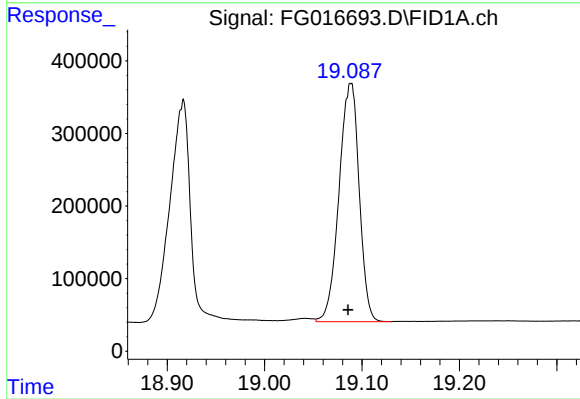
#17 n-Tricontane (C30)

R.T.: 18.253 min
Delta R.T.: 0.005 min
Response: 4902998
Conc: 38.32 ug/ml

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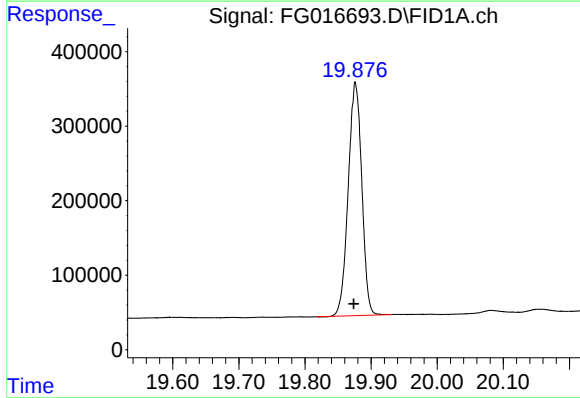
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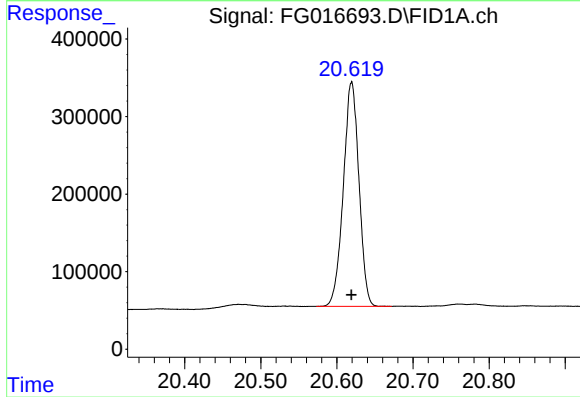
#18 n-Dotriacontane (C32)

R.T.: 19.089 min
Delta R.T.: 0.003 min
Response: 4715931
Conc: 38.51 ug/ml



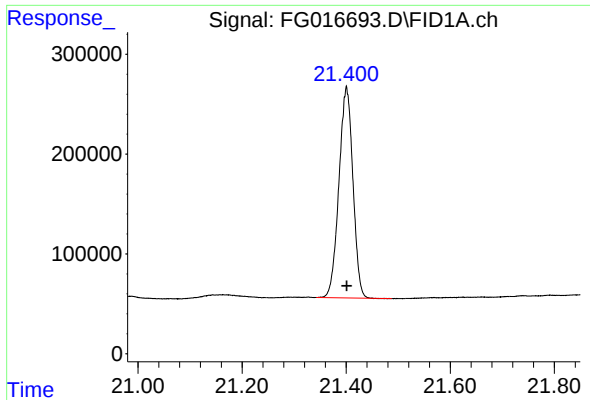
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.003 min
Response: 4466167
Conc: 41.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.619 min
Delta R.T.: 0.000 min
Response: 4128687
Conc: 45.43 ug/ml



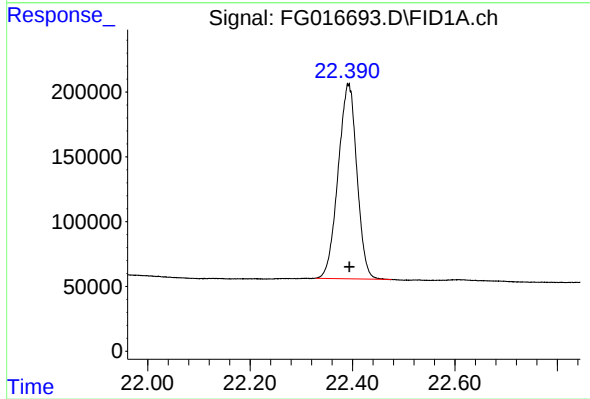
#21 n-Octatriacontane (C38)

R.T.: 21.401 min
Delta R.T.: 0.000 min
Response: 3937482
Conc: 48.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: -0.004 min
Response: 3825734
Conc: 49.59 ug/ml m