

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016660.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 09:41
 Operator : YP\AJ
 Sample : Q3178-02MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2025
 Supervised By :Sohil Jodhani 10/02/2025

Integration File: autoint1.e
 Quant Time: Sep 27 00:00:50 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			
12) S 1-chlorooctadecane (S...	13.510	5184437	45.932 ug/ml
Spiked Amount 50.000		Recovery =	91.86%
Target Compounds			
1) T n-Nonane (C9)	3.386	4487621	39.545 ug/ml
2) T n-Decane (C10)	4.646	5021339	43.417 ug/ml
4) T n-Dodecane (C12)	6.827	5505955	46.908 ug/ml
6) T n-Tetradecane (C14)	8.668	5837908	49.760 ug/ml
7) T n-Hexadecane (C16)	10.287	6102971	49.256 ug/ml
8) T n-Octadecane (C18)	11.741	6146948	47.219 ug/ml
10) T n-Eicosane (C20)	13.061	6302917	48.756 ug/ml
11) T n-Heneicosane (C21)	13.678	6028503	46.946 ug/ml
13) T n-Docosane (C22)	14.268	5964879	46.259 ug/ml
14) T n-Tetracosane (C24)	15.380	5865234	44.971 ug/ml
15) T n-Hexacosane (C26)	16.408	5611916	43.474 ug/ml
16) T n-Octacosane (C28)	17.365	5374368	42.350 ug/ml
17) T n-Tricontane (C30)	18.259	5307473	41.480 ug/ml
18) T n-Dotriacontane (C32)	19.098	5196410	42.429 ug/ml
19) T n-Tetratriacontane (C34)	19.887	5070798	46.677 ug/mlm
20) T n-Hexatriacontane (C36)	20.632	4934214	54.299 ug/mlm
21) T n-Octatriacontane (C38)	21.414	4966054	60.977 ug/ml
22) T n-Tetracontane (C40)	22.409	4770153	61.838 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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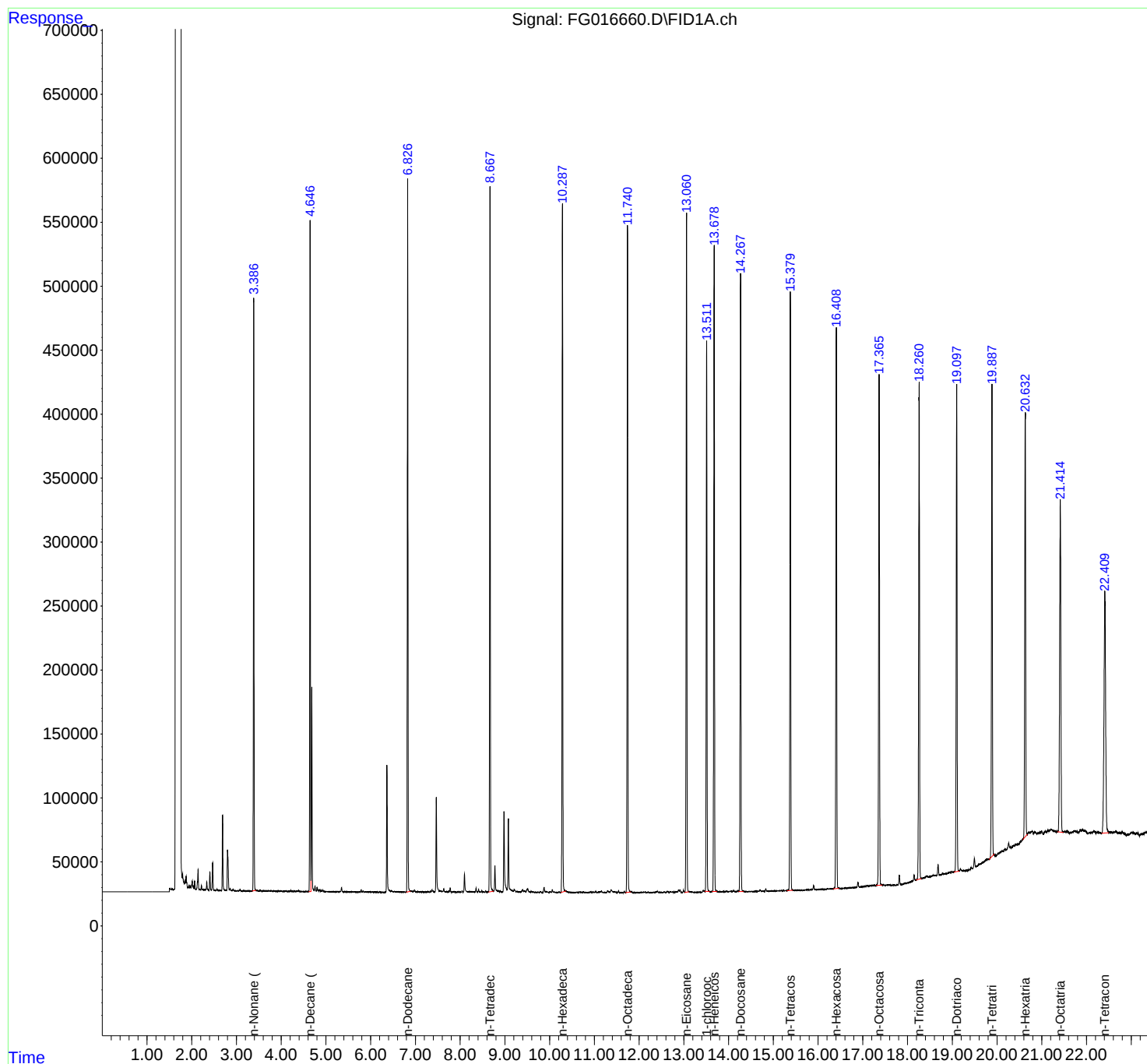
Instrument :
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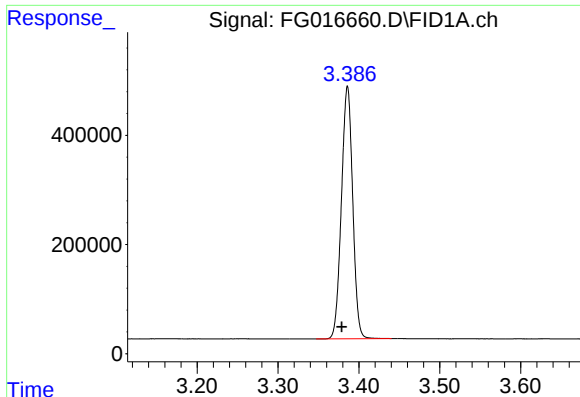
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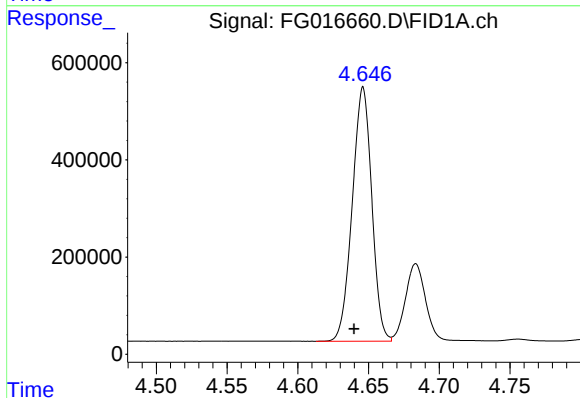
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: 0.007 min
Response: 4487621
Conc: 39.55 ug/ml

Instrument :
FID_G
ClientSampleId :

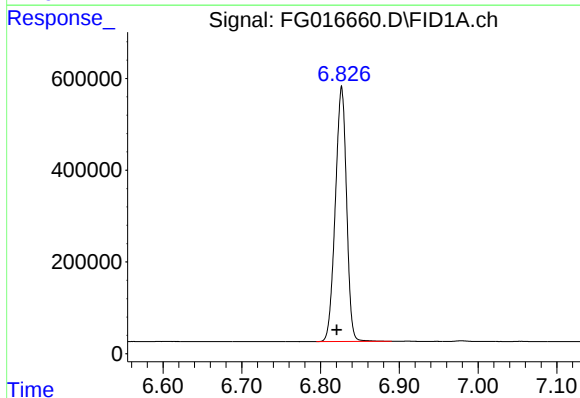
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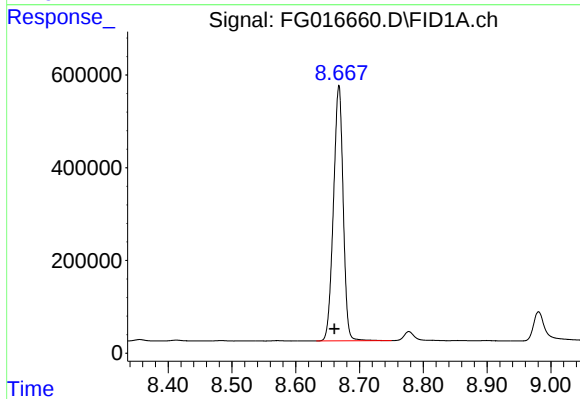
#2 n-Decane (C10)

R.T.: 4.646 min
Delta R.T.: 0.006 min
Response: 5021339
Conc: 43.42 ug/ml



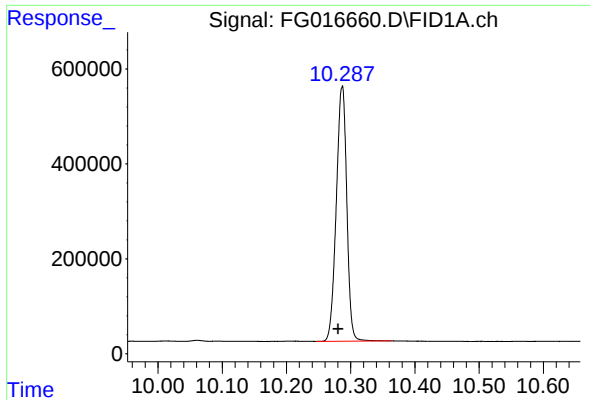
#4 n-Dodecane (C12)

R.T.: 6.827 min
Delta R.T.: 0.006 min
Response: 5505955
Conc: 46.91 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.668 min
Delta R.T.: 0.007 min
Response: 5837908
Conc: 49.76 ug/ml



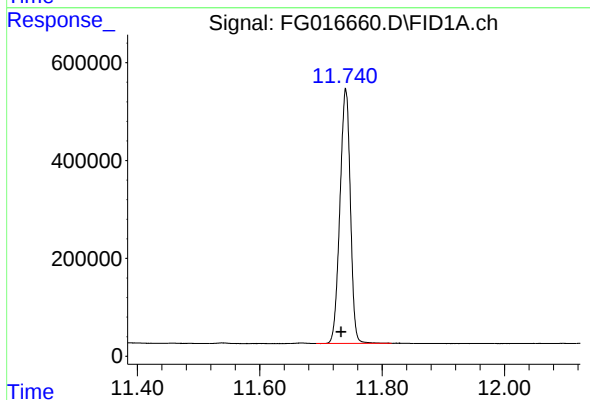
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: 0.006 min
Response: 6102971
Conc: 49.26 ug/ml

Instrument :
FID_G
ClientSampleId :

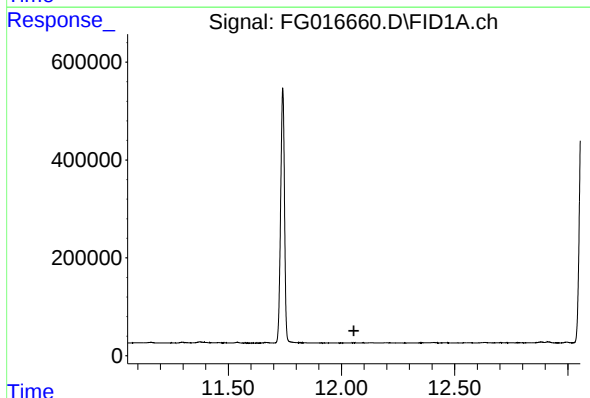
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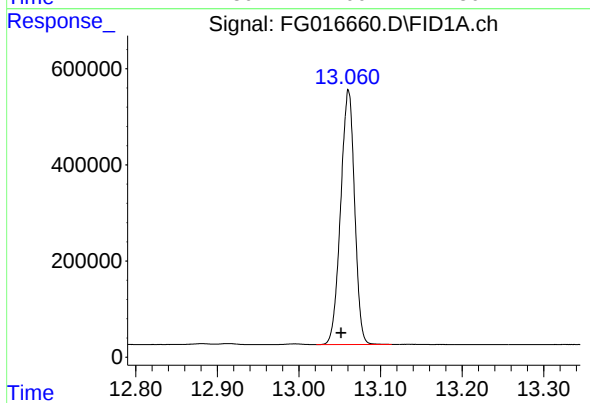
#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: 0.008 min
Response: 6146948
Conc: 47.22 ug/ml



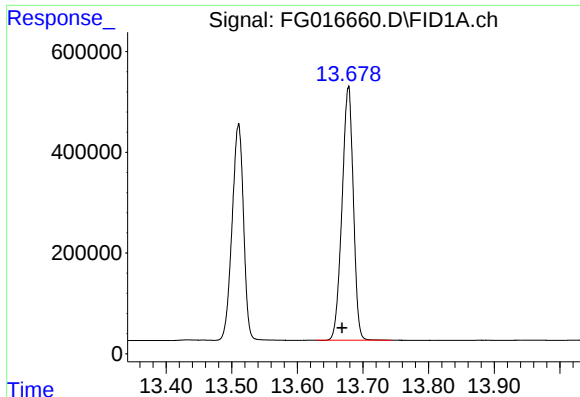
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.055 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: 0.009 min
Response: 6302917
Conc: 48.76 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.010 min
Response: 6028503
Conc: 46.95 ug/ml

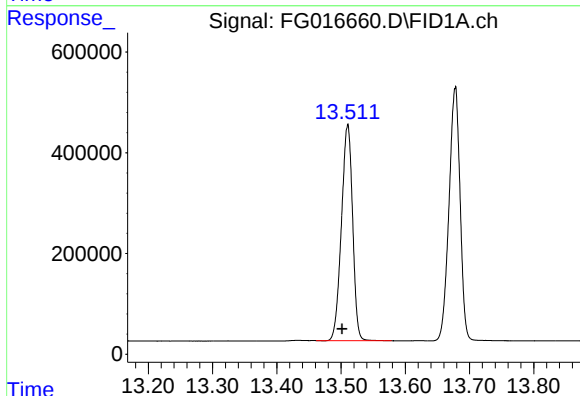
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FID_G

ClientSampleId :

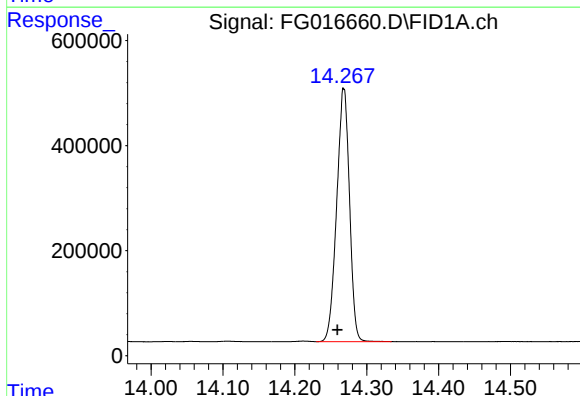
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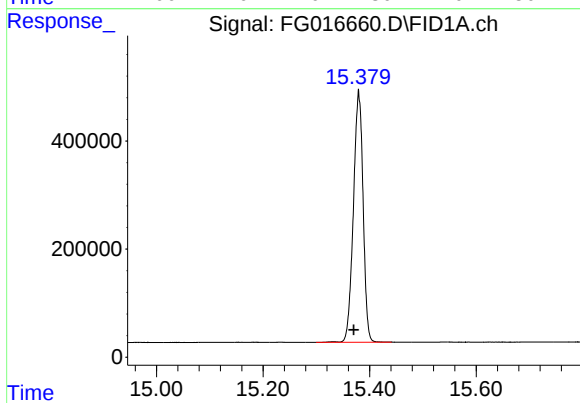
#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: 0.009 min
Response: 5184437
Conc: 45.93 ug/ml



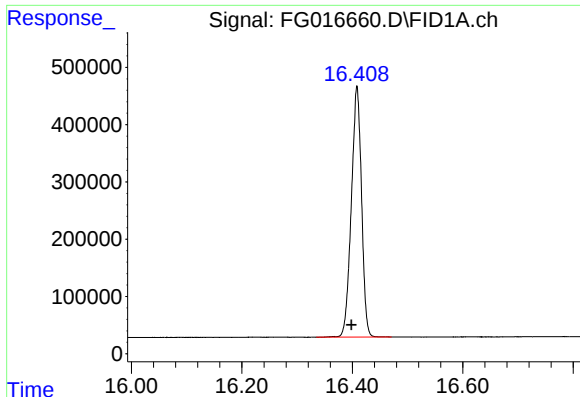
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: 0.009 min
Response: 5964879
Conc: 46.26 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: 0.009 min
Response: 5865234
Conc: 44.97 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.010 min
Response: 5611916
Conc: 43.47 ug/ml

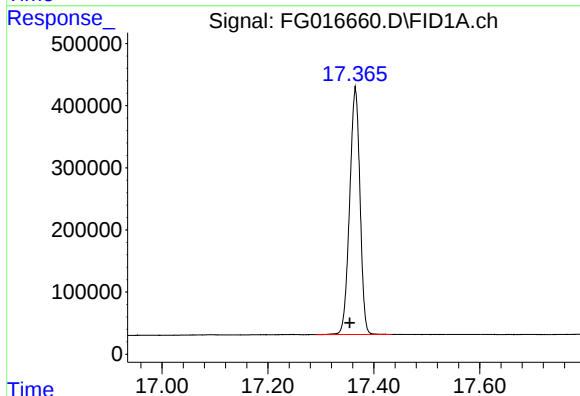
Instrument :

FID_G

ClientSampleId :

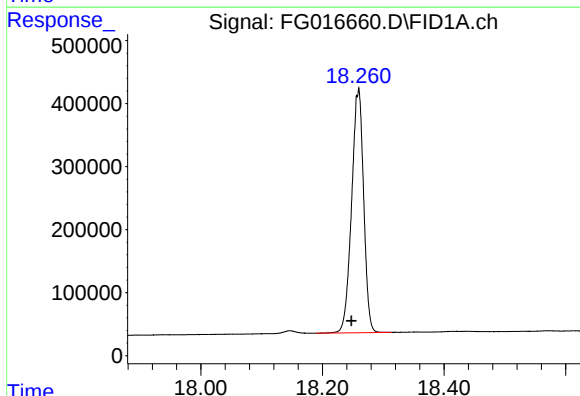
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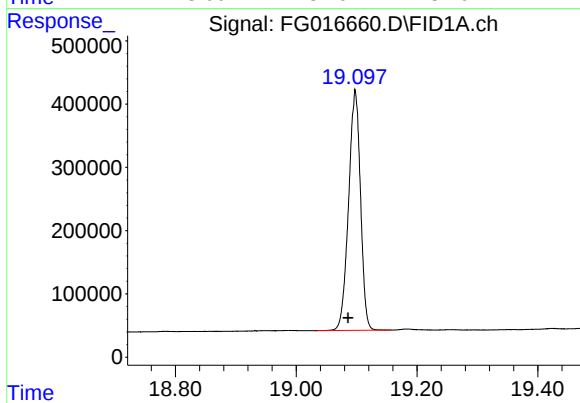
#16 n-Octacosane (C28)

R.T.: 17.365 min
Delta R.T.: 0.011 min
Response: 5374368
Conc: 42.35 ug/ml



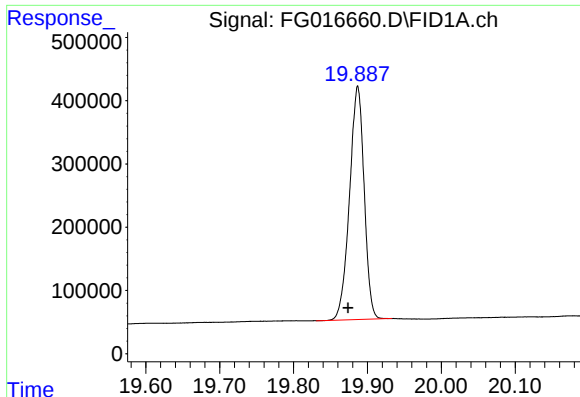
#17 n-Tricontane (C30)

R.T.: 18.259 min
Delta R.T.: 0.012 min
Response: 5307473
Conc: 41.48 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.098 min
Delta R.T.: 0.012 min
Response: 5196410
Conc: 42.43 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.887 min
Delta R.T.: 0.013 min
Response: 5070798
Conc: 46.68 ug/ml

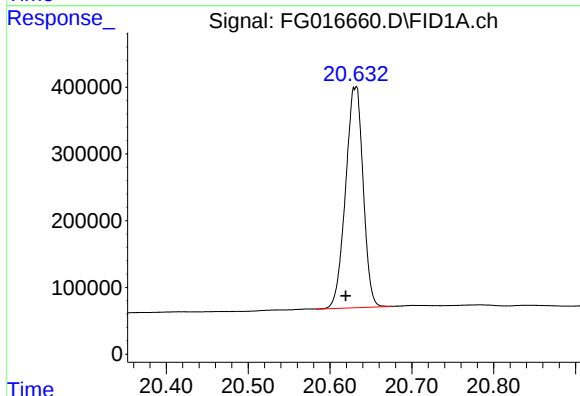
Instrument :

FID_G

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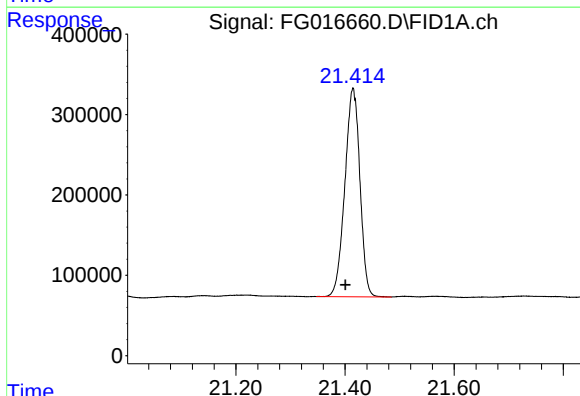
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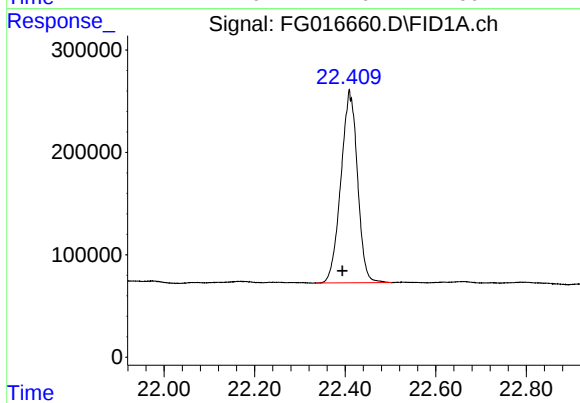
#20 n-Hexatriacontane (C36)

R.T.: 20.632 min
Delta R.T.: 0.013 min
Response: 4934214
Conc: 54.30 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.414 min
Delta R.T.: 0.013 min
Response: 4966054
Conc: 60.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.409 min
Delta R.T.: 0.015 min
Response: 4770153
Conc: 61.84 ug/ml