

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
 Data File : FG016228.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2025 15:32
 Operator : YP\AJ
 Sample : PB168738BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168738BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File: autoint1.e
 Quant Time: Jul 08 02:23:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.100	5760078	44.643 ug/ml
Spiked Amount 50.000		Recovery =	89.29%
12) S 1-chlorooctadecane (S...	13.544	4640834	46.056 ug/ml
Spiked Amount 50.000		Recovery =	92.11%
Target Compounds			
1) T n-Nonane (C9)	3.426	5514334	50.965 ug/ml
2) T n-Decane (C10)	4.683	5775414	52.651 ug/ml
3) T A~Naphthalene (C11.7)	6.398	7007938	58.653 ug/ml
4) T n-Dodecane (C12)	6.858	5866163	53.275 ug/ml
5) T A~2-methylnaphthalene...	7.501	6542037	56.247 ug/ml
6) T n-Tetradecane (C14)	8.701	5882814	53.568 ug/ml
7) T n-Hexadecane (C16)	10.320	6016827	52.858 ug/ml
8) T n-Octadecane (C18)	11.775	6045690	51.932 ug/ml
10) T n-Eicosane (C20)	13.096	6283119	55.207 ug/ml
11) T n-Heneicosane (C21)	13.713	6056628	53.498 ug/ml
13) T n-Docosane (C22)	14.304	6023685	52.987 ug/ml
14) T n-Tetracosane (C24)	15.413	12447576	107.948 ug/ml
15) T n-Hexacosane (C26)	16.445	5851949	50.852 ug/ml
16) T n-Octacosane (C28)	17.400	5709775	50.311 ug/ml
17) T n-Tricontane (C30)	18.295	5618366	49.073 ug/ml
18) T n-Dotriacontane (C32)	19.131	5499695	50.442 ug/ml
19) T n-Tetratriacontane (C34)	19.921	5659559	57.205 ug/ml
20) T n-Hexatriacontane (C36)	20.665	5412743	63.770 ug/mlm
21) T n-Octatriacontane (C38)	21.459	5588796	74.032 ug/ml
22) T n-Tetracontane (C40)	22.469	5811270	84.040 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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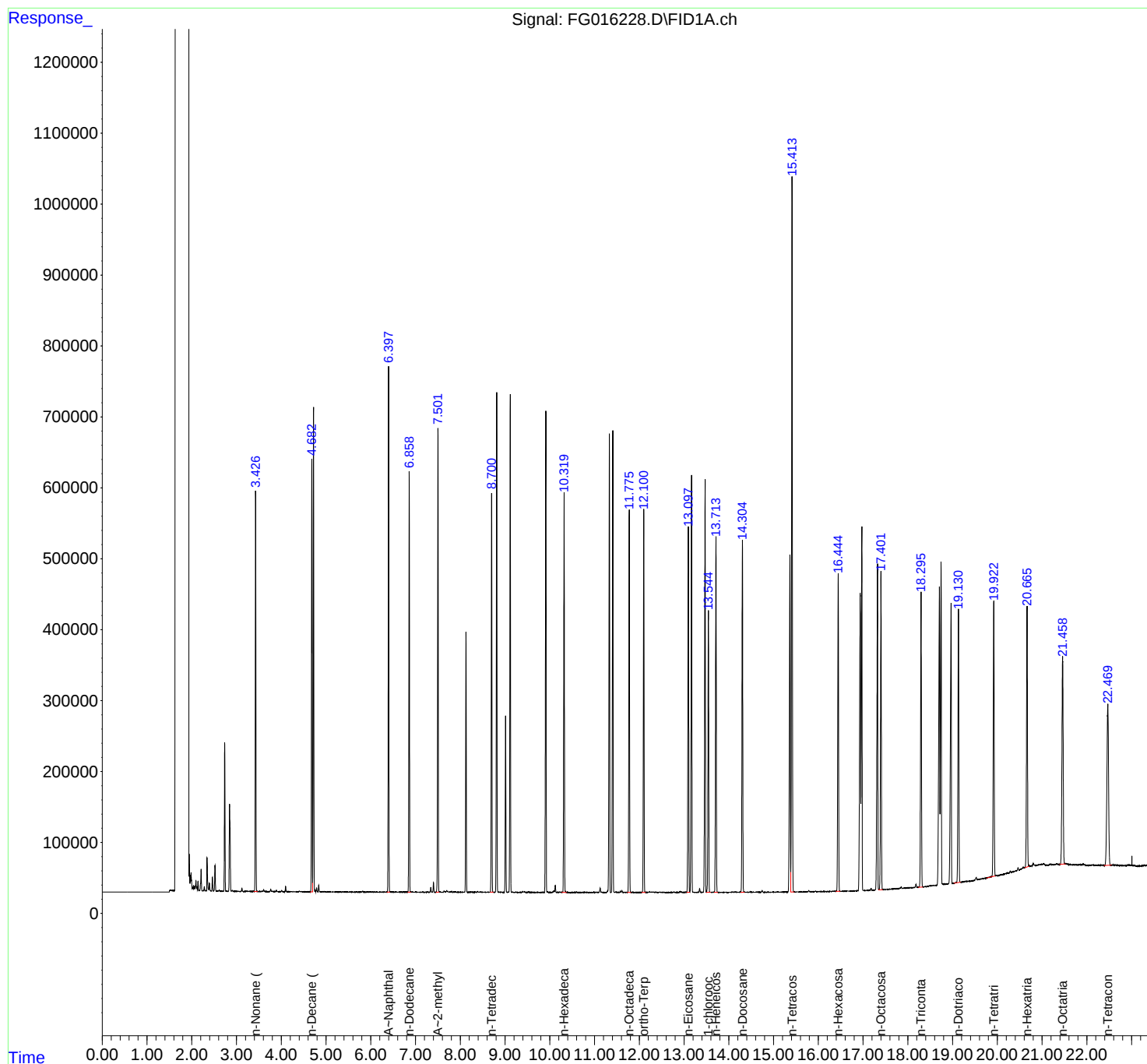
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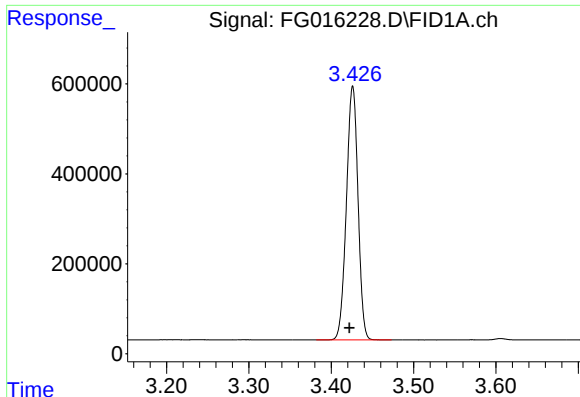
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#1 n-Nonane (C9)

R.T.: 3.426 min
Delta R.T.: 0.004 min
Response: 5514334
Conc: 50.97 ug/ml

Instrument :

FID_G

ClientSampleId :

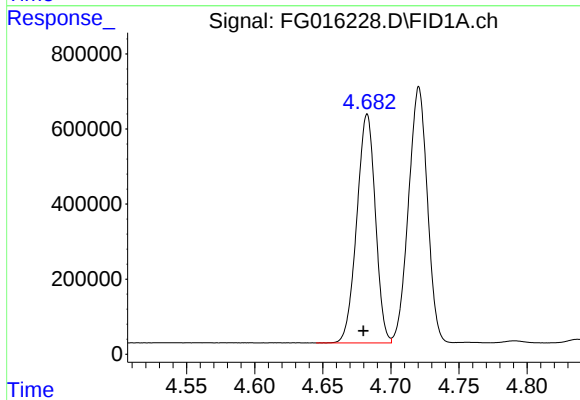
PB168738BS

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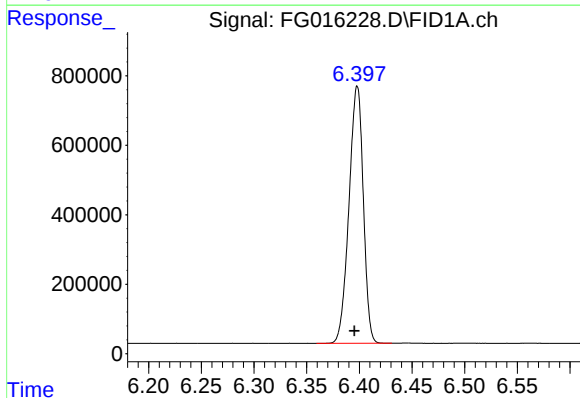
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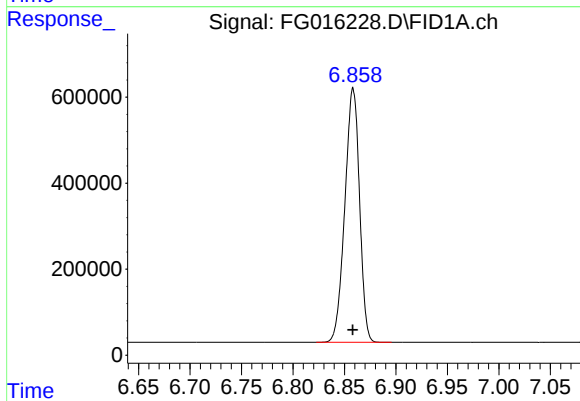
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 5775414
Conc: 52.65 ug/ml



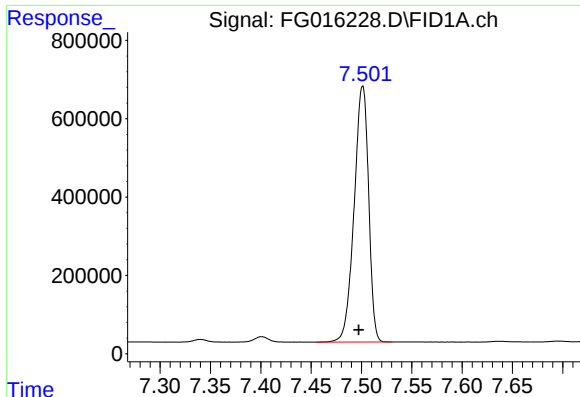
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: 0.003 min
Response: 7007938
Conc: 58.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 5866163
Conc: 53.28 ug/ml



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

R.T.: 7.501 min
Delta R.T.: 0.004 min
Response: 6542037
Conc: 56.25 ug/ml

Instrument :

FID_G

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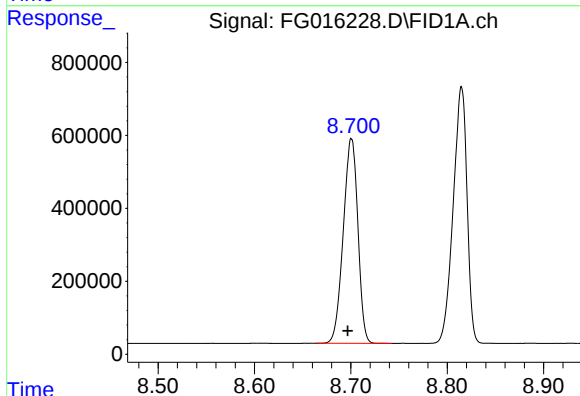
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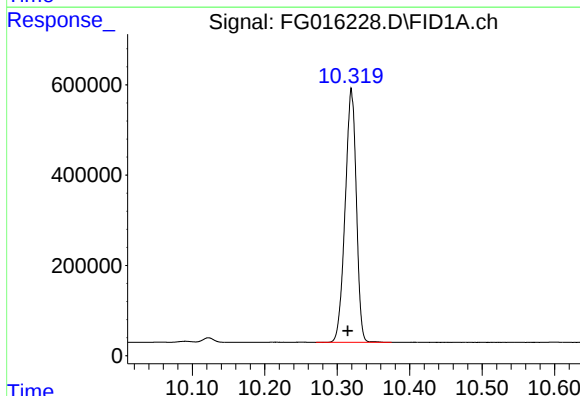
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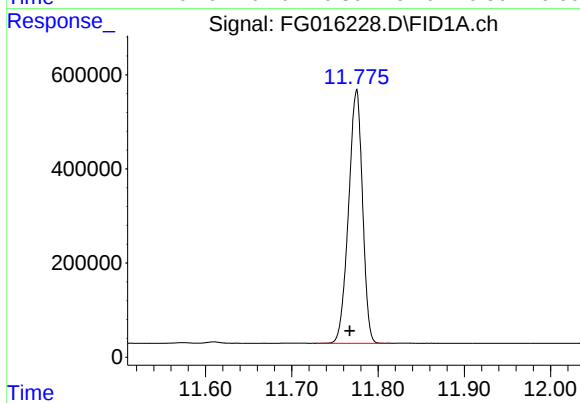
#6 n-Tetradecane (C14)

R.T.: 8.701 min
Delta R.T.: 0.004 min
Response: 5882814
Conc: 53.57 ug/ml



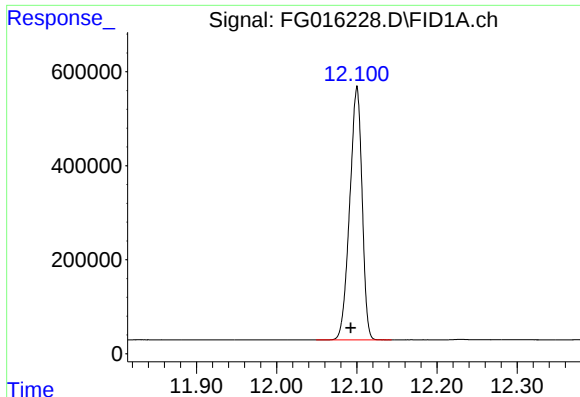
#7 n-Hexadecane (C16)

R.T.: 10.320 min
Delta R.T.: 0.005 min
Response: 6016827
Conc: 52.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.775 min
Delta R.T.: 0.008 min
Response: 6045690
Conc: 51.93 ug/ml



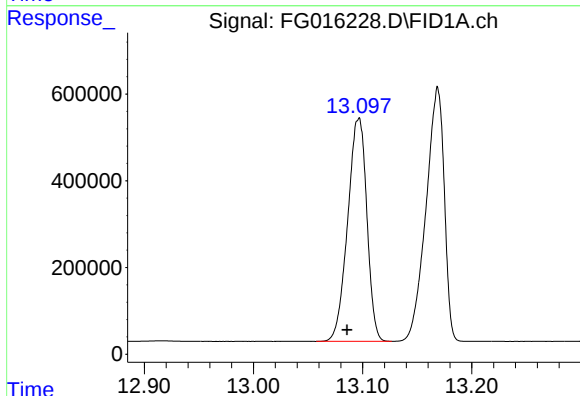
#9 ortho-Terphenyl (SURR)

R.T.: 12.100 min
Delta R.T.: 0.008 min
Response: 5760078
Conc: 44.64 ug/ml

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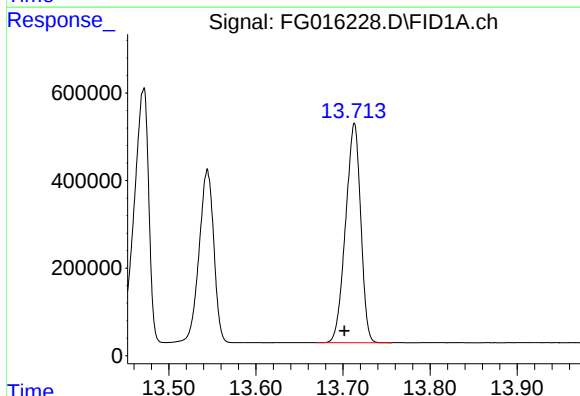
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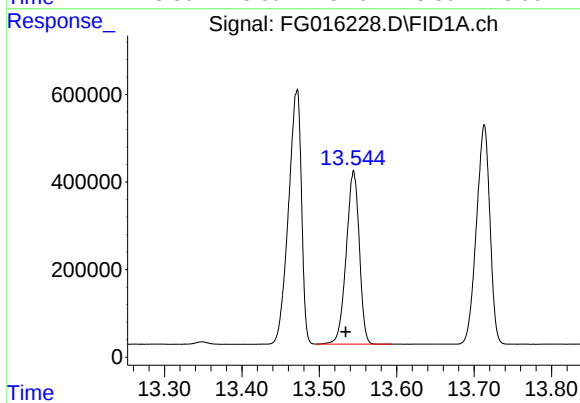
#10 n-Eicosane (C20)

R.T.: 13.096 min
Delta R.T.: 0.011 min
Response: 6283119
Conc: 55.21 ug/ml



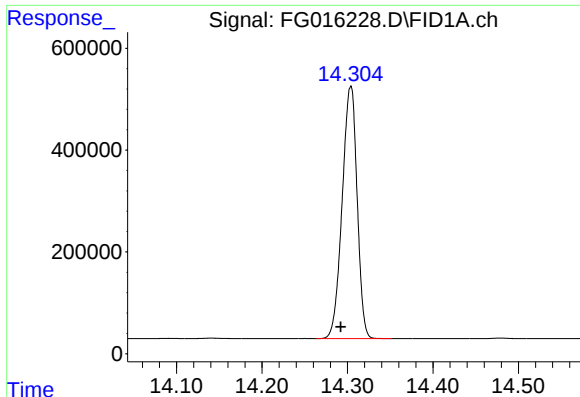
#11 n-Heneicosane (C21)

R.T.: 13.713 min
Delta R.T.: 0.012 min
Response: 6056628
Conc: 53.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.544 min
Delta R.T.: 0.010 min
Response: 4640834
Conc: 46.06 ug/ml



#13 n-Docosane (C22)

R.T.: 14.304 min
Delta R.T.: 0.012 min
Response: 6023685
Conc: 52.99 ug/ml

Instrument :

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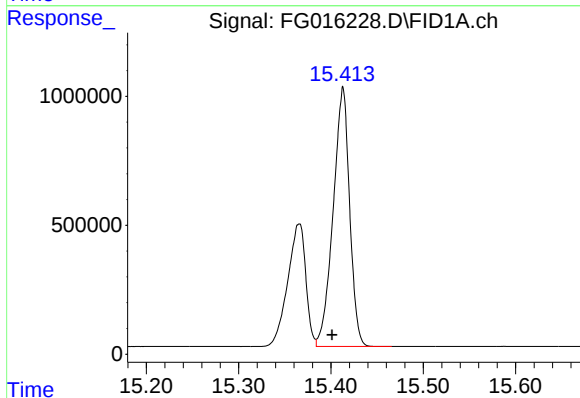
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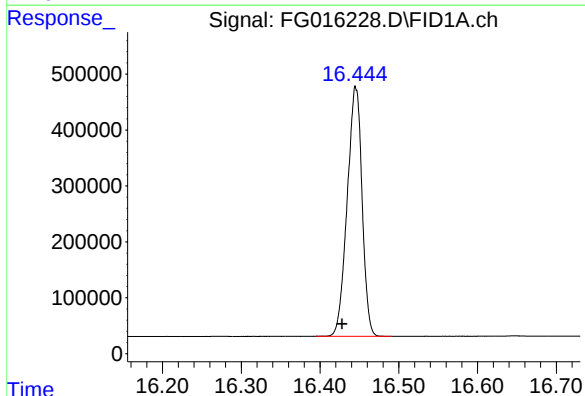
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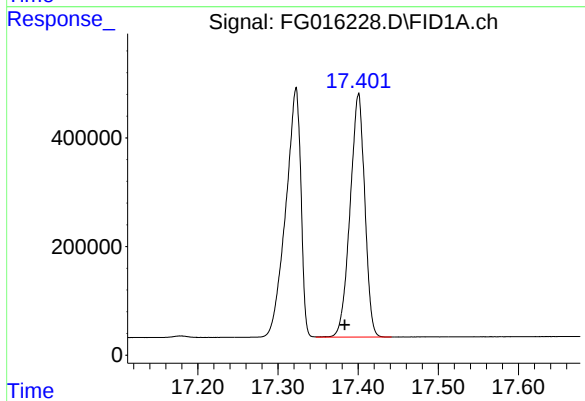
#14 n-Tetracosane (C24)

R.T.: 15.413 min
Delta R.T.: 0.012 min
Response: 12447576
Conc: 107.95 ug/ml



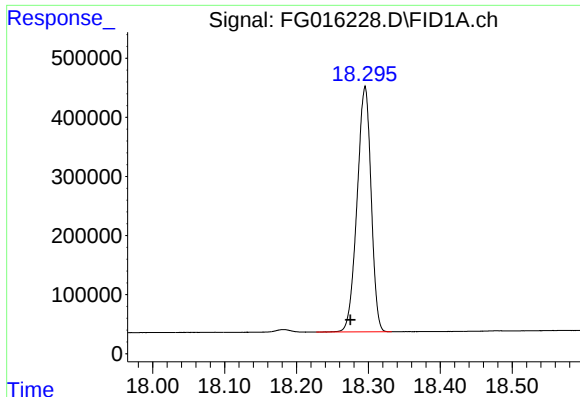
#15 n-Hexacosane (C26)

R.T.: 16.445 min
Delta R.T.: 0.017 min
Response: 5851949
Conc: 50.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.400 min
Delta R.T.: 0.017 min
Response: 5709775
Conc: 50.31 ug/ml



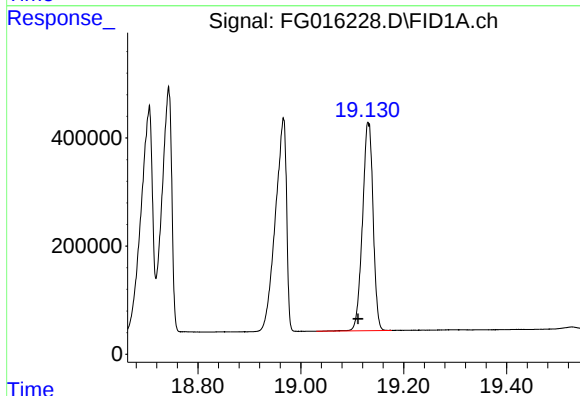
#17 n-Tricontane (C30)

R.T.: 18.295 min
Delta R.T.: 0.020 min
Response: 5618366
Conc: 49.07 ug/ml

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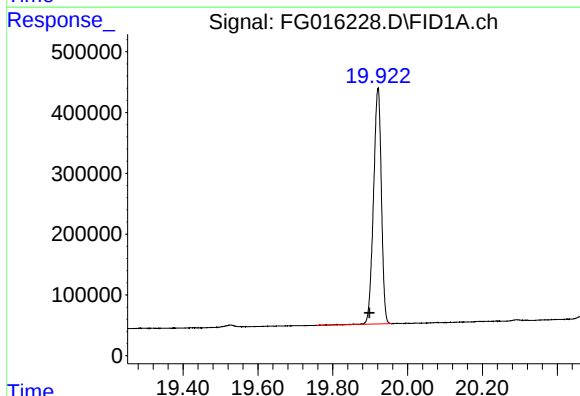
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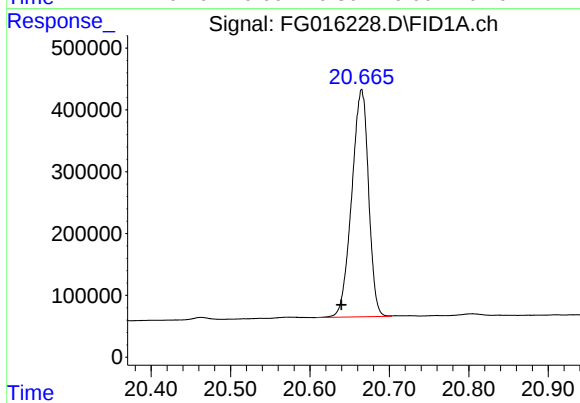
#18 n-Dotriacontane (C32)

R.T.: 19.131 min
Delta R.T.: 0.020 min
Response: 5499695
Conc: 50.44 ug/ml



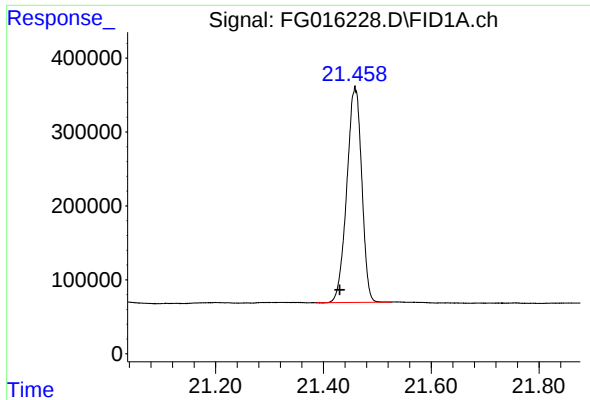
#19 n-Tetratriacontane (C34)

R.T.: 19.921 min
Delta R.T.: 0.023 min
Response: 5659559
Conc: 57.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.665 min
Delta R.T.: 0.026 min
Response: 5412743
Conc: 63.77 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.459 min
Delta R.T.: 0.029 min
Response: 5588796
Conc: 74.03 ug/ml

Instrument :

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ClientSampleId :

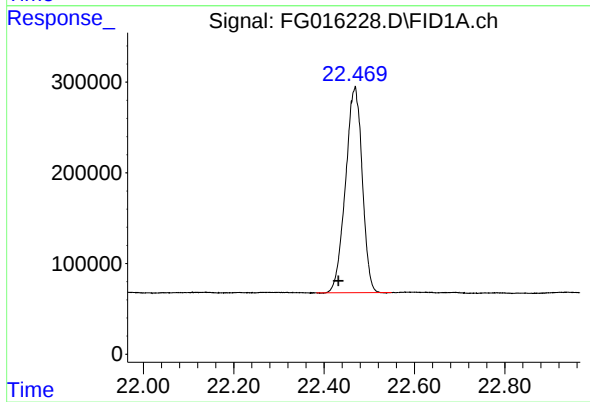
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#22 n-Tetracontane (C40)

R.T.: 22.469 min
Delta R.T.: 0.037 min
Response: 5811270
Conc: 84.04 ug/ml