

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AL\
 Data File : FG016661.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 10:10
 Operator : YP\AJ
 Sample : Q3178-02MSD
 Misc :
 ALS Vial : 42 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 00:01:19 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	5267240	46.665 ug/ml
Spiked Amount 50.000		Recovery =	93.33%
Target Compounds			
1) T n-Nonane (C9)	3.386	4478482	39.465 ug/ml
2) T n-Decane (C10)	4.646	4994231	43.183 ug/ml
4) T n-Dodecane (C12)	6.826	5451584	46.445 ug/ml
6) T n-Tetradecane (C14)	8.668	5759908	49.095 ug/ml
7) T n-Hexadecane (C16)	10.286	5998030	48.409 ug/ml
8) T n-Octadecane (C18)	11.741	6038297	46.385 ug/ml
10) T n-Eicosane (C20)	13.061	6185927	47.851 ug/ml
11) T n-Heneicosane (C21)	13.677	5916202	46.071 ug/ml
13) T n-Docosane (C22)	14.268	5854530	45.403 ug/ml
14) T n-Tetracosane (C24)	15.380	5763268	44.189 ug/ml
15) T n-Hexacosane (C26)	16.409	5553556	43.021 ug/ml
16) T n-Octacosane (C28)	17.365	5335749	42.046 ug/ml
17) T n-Tricontane (C30)	18.258	5299365	41.416 ug/ml
18) T n-Dotriacontane (C32)	19.098	5216611	42.594 ug/ml
19) T n-Tetratriacontane (C34)	19.888	5143134	47.343 ug/mlm
20) T n-Hexatriacontane (C36)	20.630	4902294	53.947 ug/mlm
21) T n-Octatriacontane (C38)	21.415	4994645	61.328 ug/ml
22) T n-Tetracontane (C40)	22.411	4834641	62.674 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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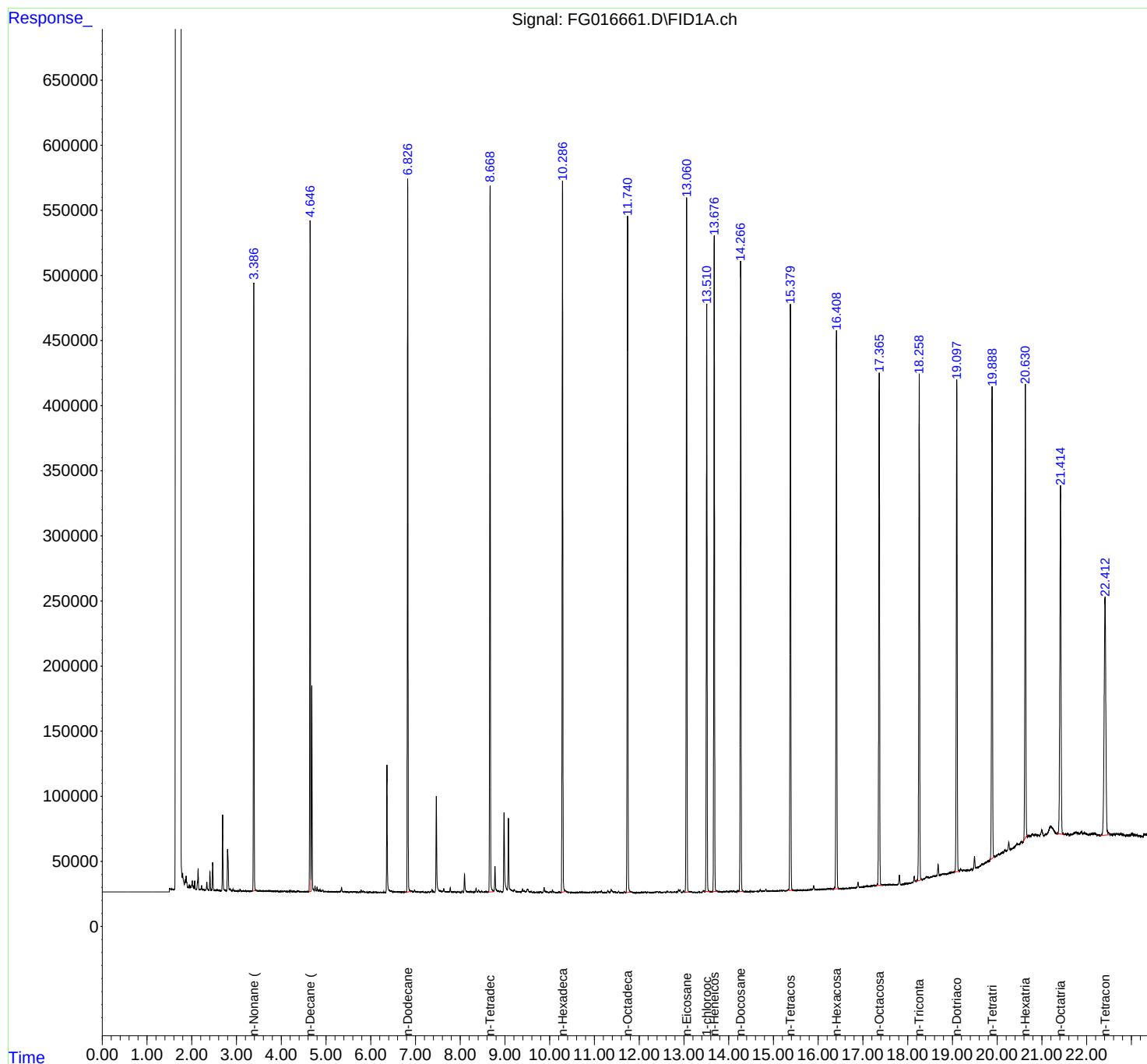
Instrument :
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ClientSampleId :

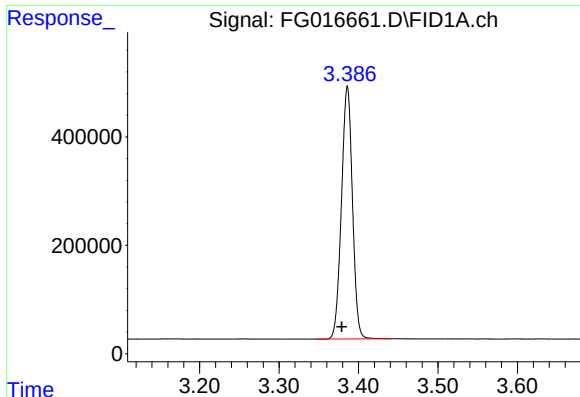
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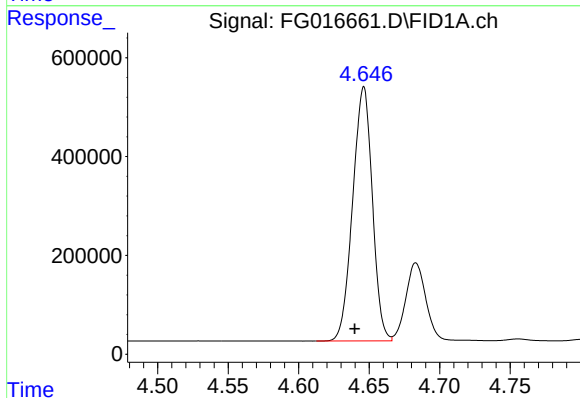
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: 0.007 min
Response: 4478482
Conc: 39.46 ug/ml

Instrument :
FID_G
ClientSampleId :

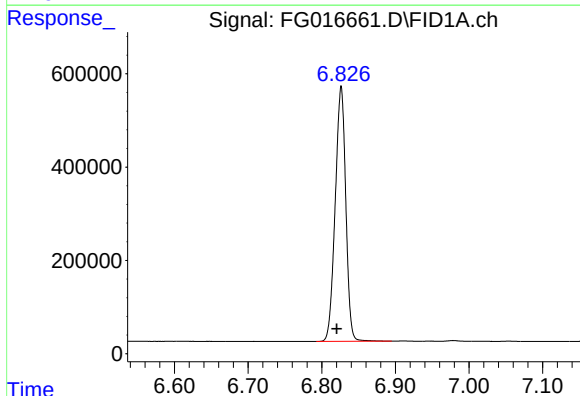
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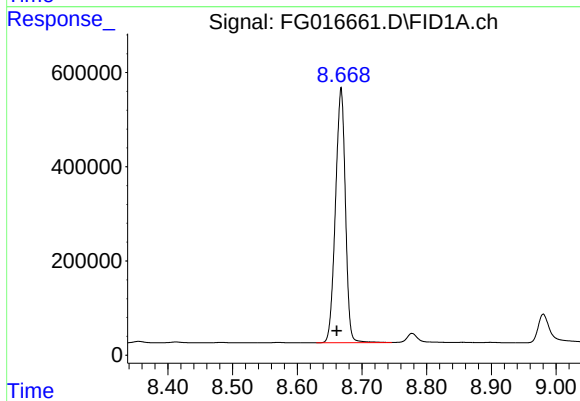
#2 n-Decane (C10)

R.T.: 4.646 min
Delta R.T.: 0.006 min
Response: 4994231
Conc: 43.18 ug/ml



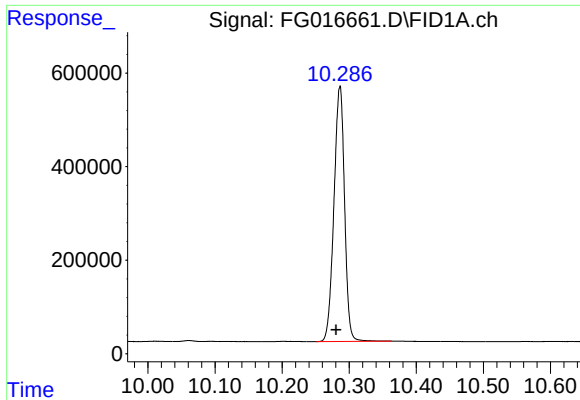
#4 n-Dodecane (C12)

R.T.: 6.826 min
Delta R.T.: 0.006 min
Response: 5451584
Conc: 46.45 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.668 min
Delta R.T.: 0.007 min
Response: 5759908
Conc: 49.09 ug/ml



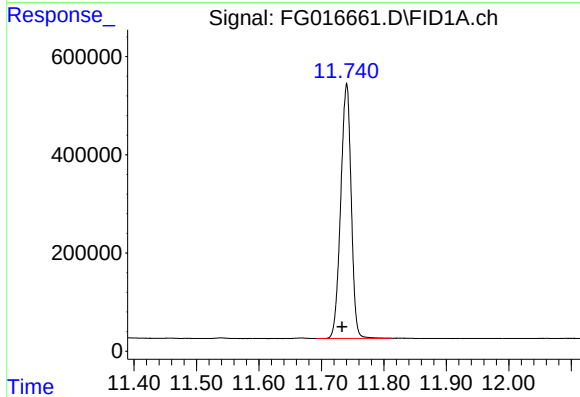
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: 0.006 min
Response: 5998030
Conc: 48.41 ug/ml

Instrument :
FID_G
ClientSampleId :

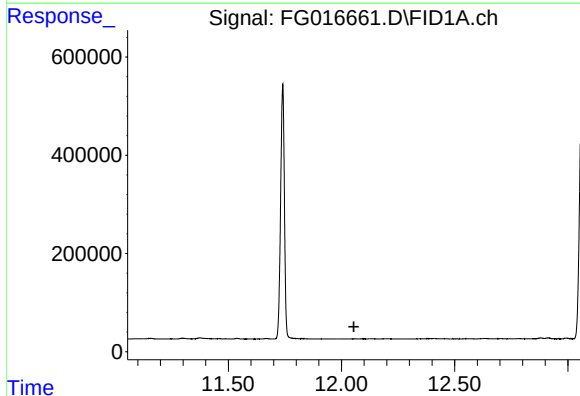
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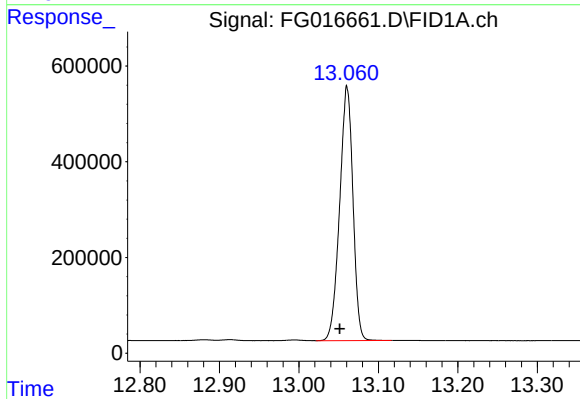
#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: 0.008 min
Response: 6038297
Conc: 46.38 ug/ml



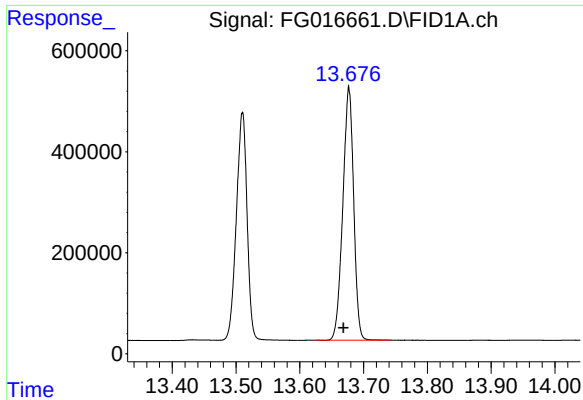
#9 ortho-Terphenyl (SURR)

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: 6185927
Conc: 47.85 ug/ml



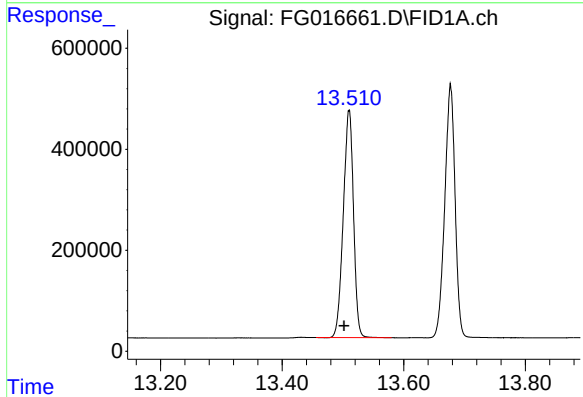
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: 0.009 min
Response: 5916202
Conc: 46.07 ug/ml

Instrument :
FID_G
ClientSampleId :

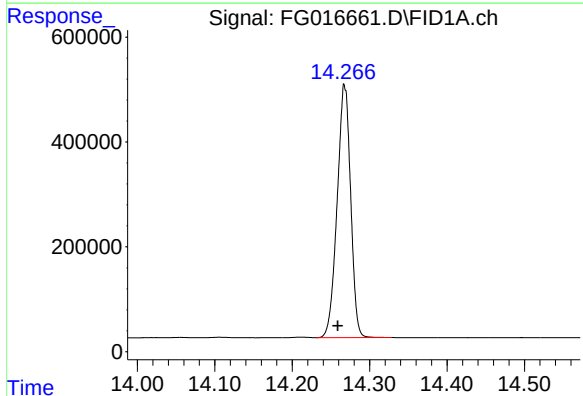
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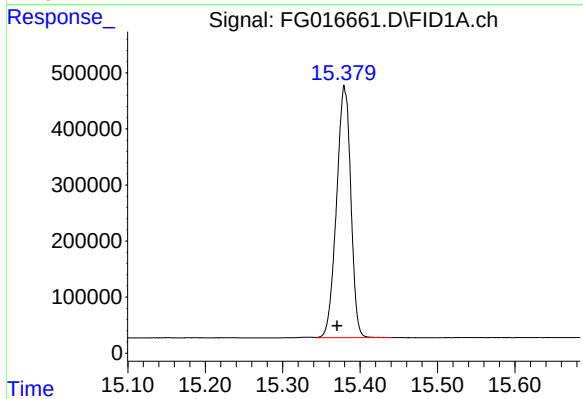
#12 1-chlorooctadecane (SURR)

R.T.: 13.510 min
Delta R.T.: 0.008 min
Response: 5267240
Conc: 46.67 ug/ml



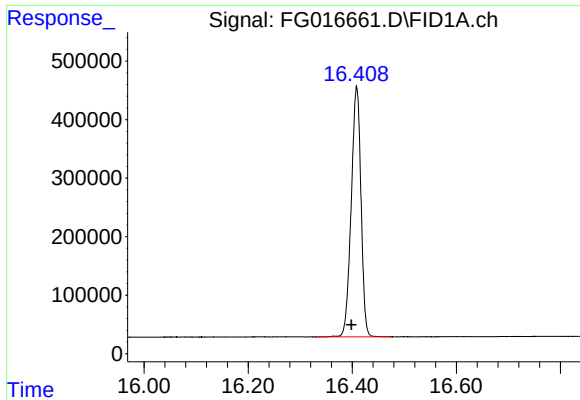
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: 0.009 min
Response: 5854530
Conc: 45.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: 0.010 min
Response: 5763268
Conc: 44.19 ug/ml



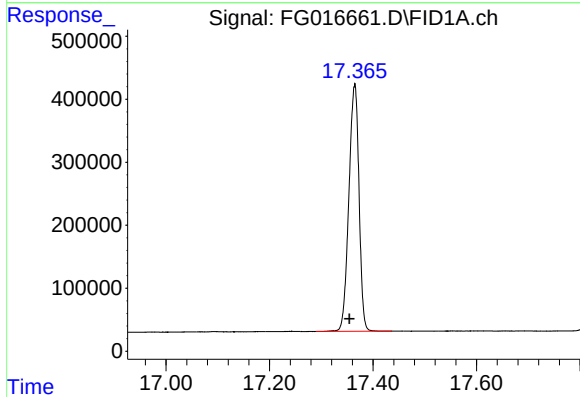
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.010 min
Response: 5553556
Conc: 43.02 ug/ml

Instrument :
FID_G
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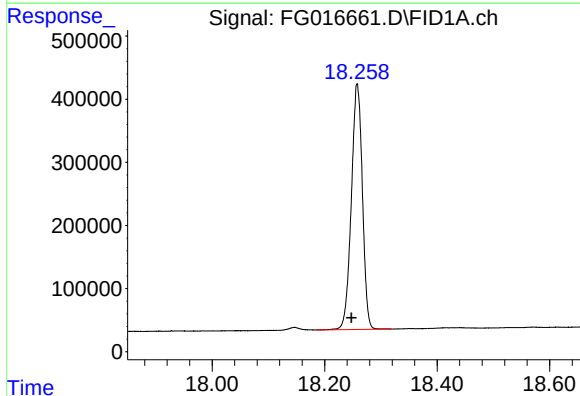
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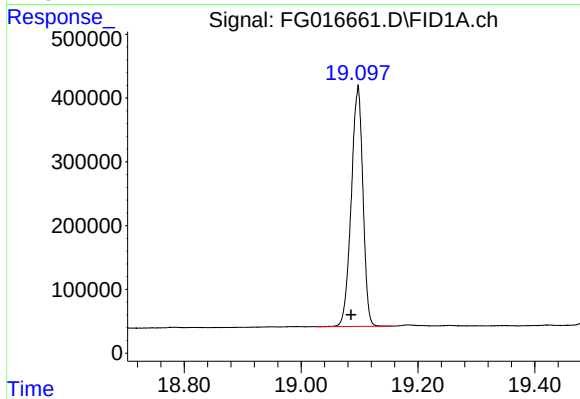
#16 n-Octacosane (C28)

R.T.: 17.365 min
Delta R.T.: 0.010 min
Response: 5335749
Conc: 42.05 ug/ml



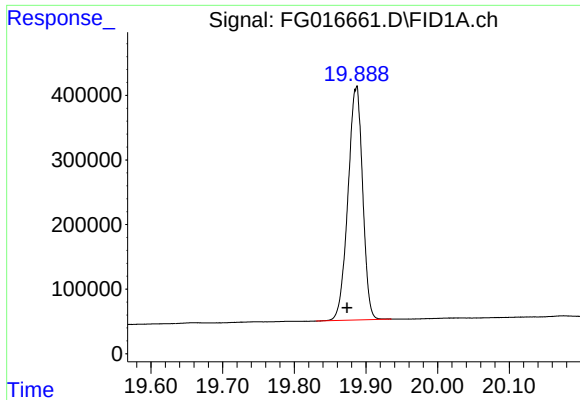
#17 n-Tricontane (C30)

R.T.: 18.258 min
Delta R.T.: 0.010 min
Response: 5299365
Conc: 41.42 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.098 min
Delta R.T.: 0.012 min
Response: 5216611
Conc: 42.59 ug/ml



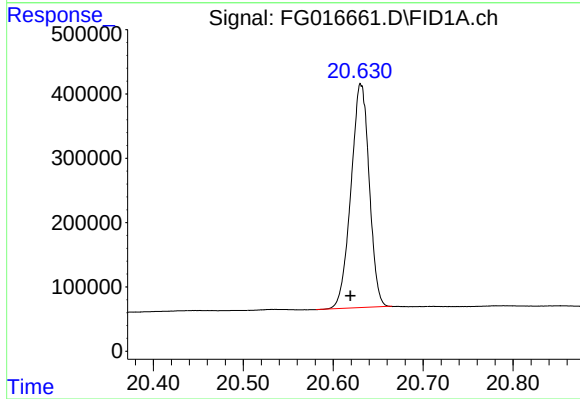
#19 n-Tetratriacontane (C34)

R.T.: 19.888 min
Delta R.T.: 0.014 min
Response: 5143134
Conc: 47.34 ug/ml

Instrument :
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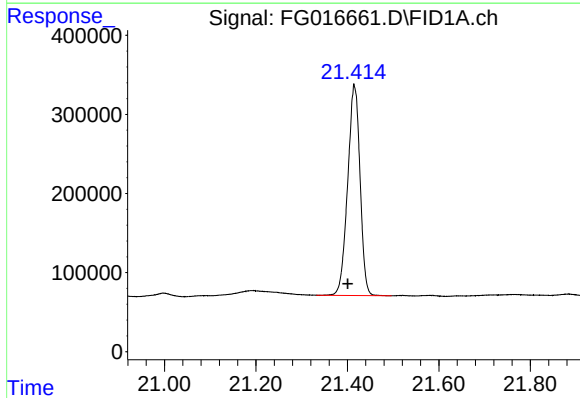
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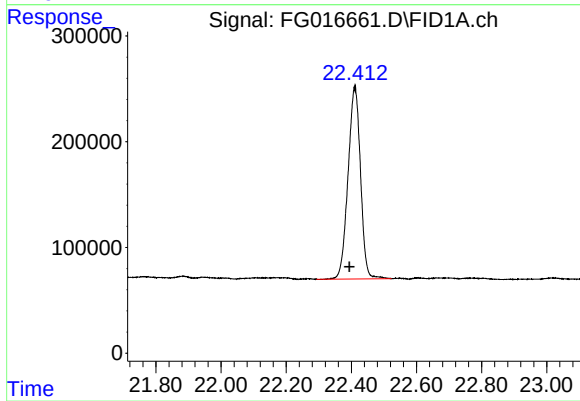
#20 n-Hexatriacontane (C36)

R.T.: 20.630 min
Delta R.T.: 0.011 min
Response: 4902294
Conc: 53.95 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.415 min
Delta R.T.: 0.014 min
Response: 4994645
Conc: 61.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.411 min
Delta R.T.: 0.017 min
Response: 4834641
Conc: 62.67 ug/ml