

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060724AL\
 Data File : FC066560.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2024 20:51
 Operator : YP/AJ
 Sample : P2757-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 DUP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :Ankita Jodhani 06/10/2024

Integration File: autoint1.e
 Quant Time: Jun 08 02:09:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 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			
Target Compounds			
1) T n-Nonane (C9)	3.305	2300689	16.439 ug/ml
2) T n-Decane (C10)	4.378	3984684	27.694 ug/ml
4) T n-Dodecane (C12)	6.404	6626549	46.019 ug/ml
8) T n-Octadecane (C18)	11.248	336385	2.351 ug/mlm
10) T n-Eicosane (C20)	12.558	188180	1.383 ug/mlm
11) T n-Heneicosane (C21)	13.167	21388041	160.446 ug/mlm
13) T n-Docosane (C22)	13.760	11286647	85.636 ug/mlm
14) T n-Tetracosane (C24)	14.819	12187978	93.627 ug/ml
15) T n-Hexacosane (C26)	15.922	9268524	72.877 ug/mlm
16) T n-Octacosane (C28)	16.849	11555243	93.076 ug/ml
17) T n-Tricontane (C30)	17.723	7939279	62.997 ug/ml
18) T n-Dotriacontane (C32)	18.549	6740212	54.764 ug/ml
19) T n-Tetratriacontane (C34)	19.330	6790902	56.627 ug/ml
20) T n-Hexatriacontane (C36)	20.067	6331839	52.262 ug/ml
21) T n-Octatriacontane (C38)	20.802	6387606	55.217 ug/ml
22) T n-Tetracontane (C40)	21.710	6071248	49.563 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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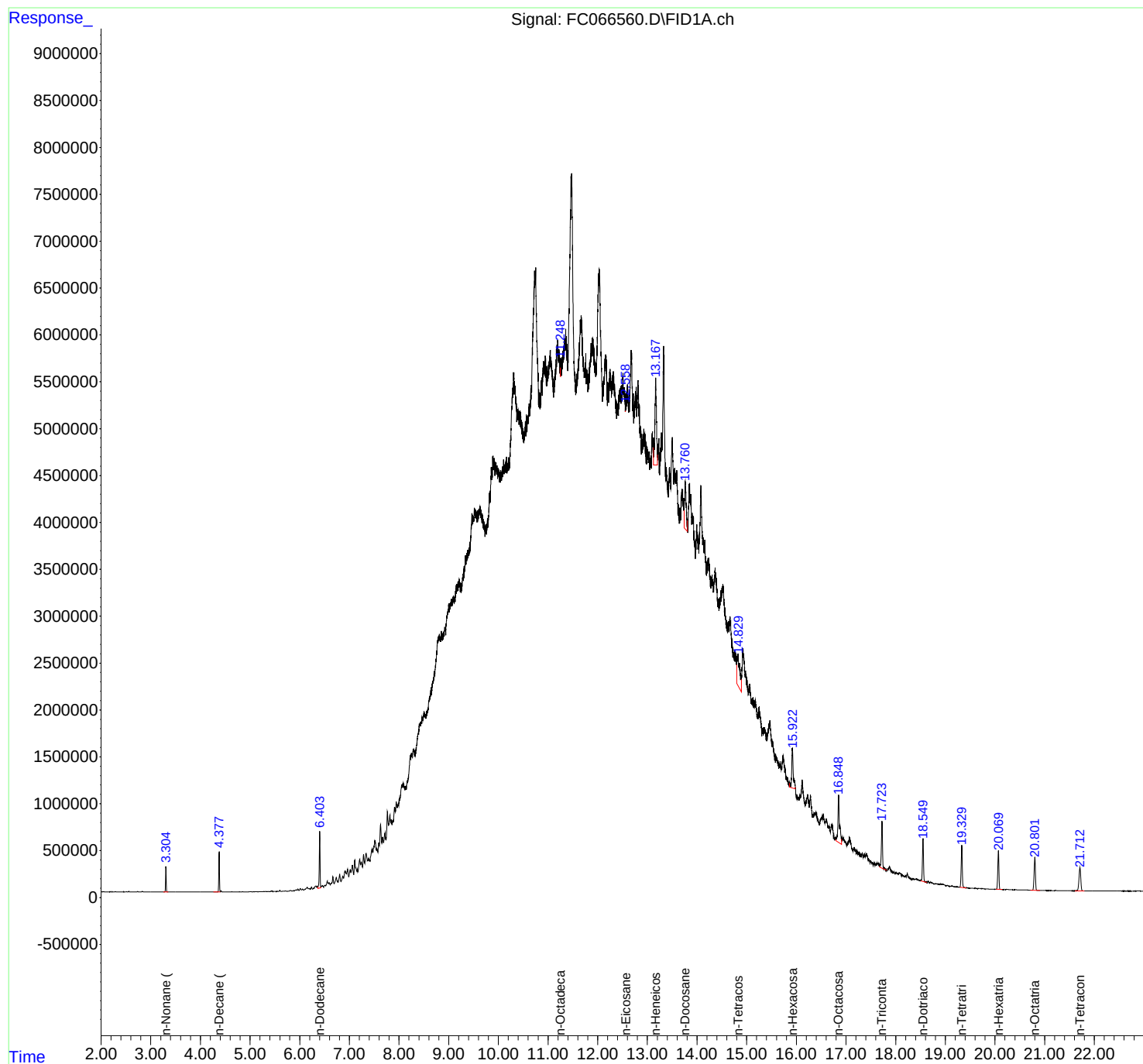
Response via : Initial Calibration

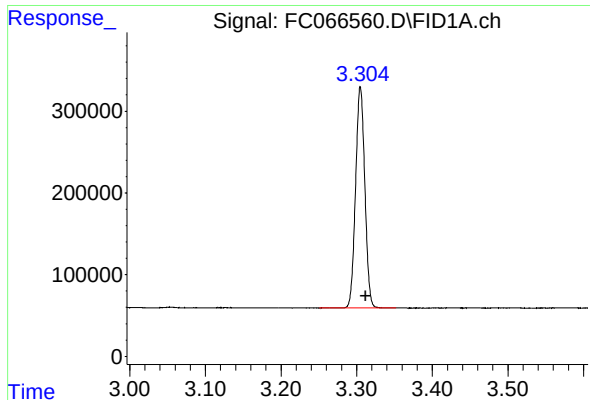
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





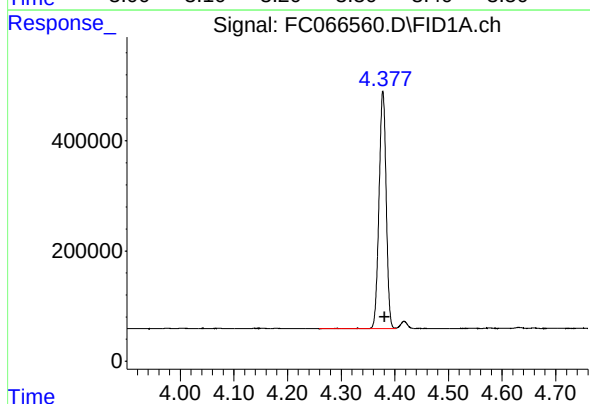
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.007 min
Response: 2300689
Conc: 16.44 ug/ml

Instrument :
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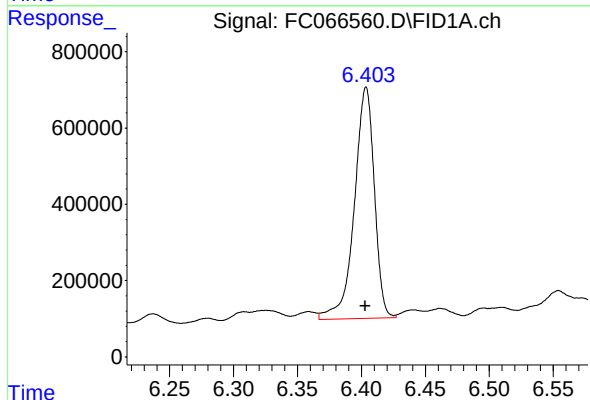
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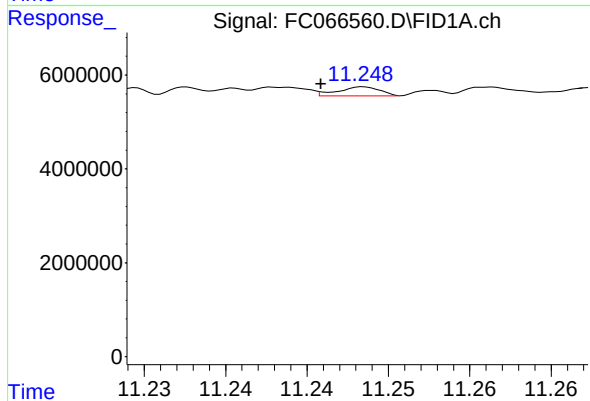
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.004 min
Response: 3984684
Conc: 27.69 ug/ml



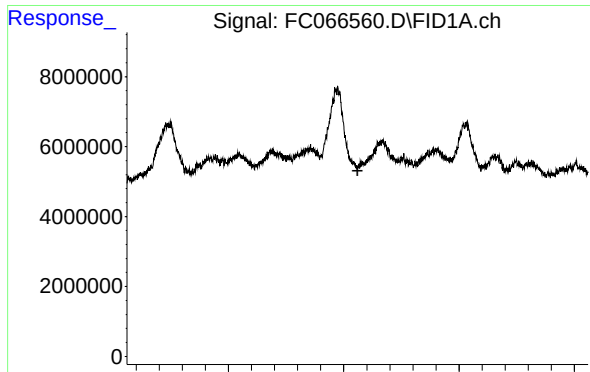
#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 6626549
Conc: 46.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: 0.002 min
Response: 336385
Conc: 2.35 ug/ml m



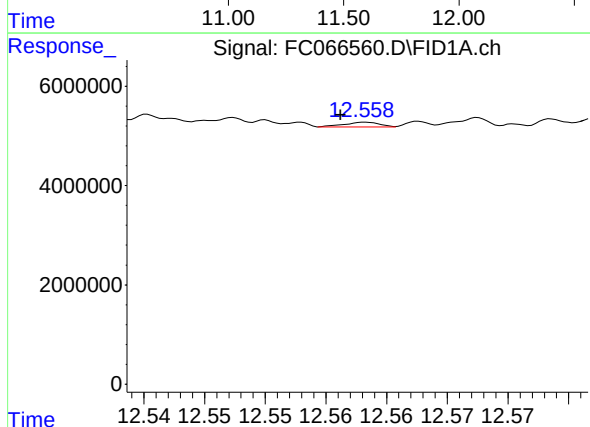
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.560 min
Response: 0
Conc: N.D.

Instrument :
FID_C
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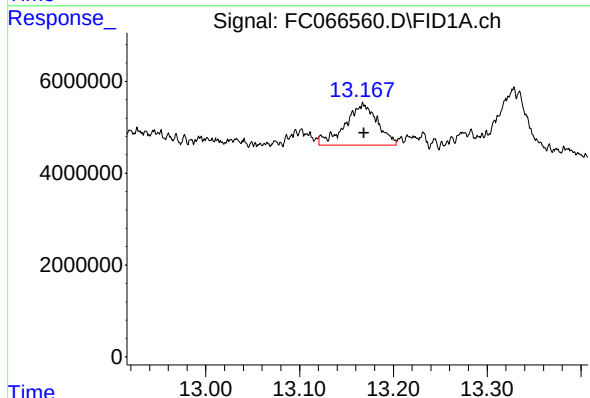
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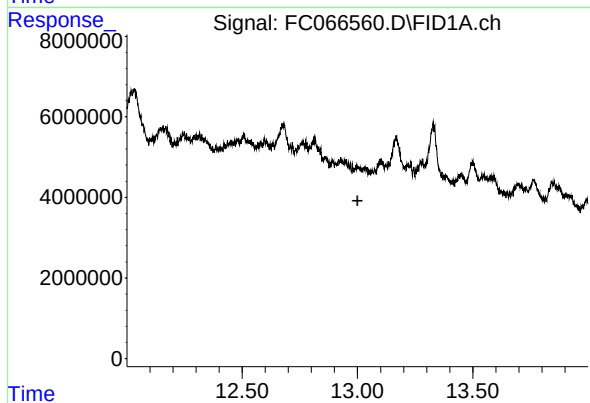
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.002 min
Response: 188180
Conc: 1.38 ug/ml m



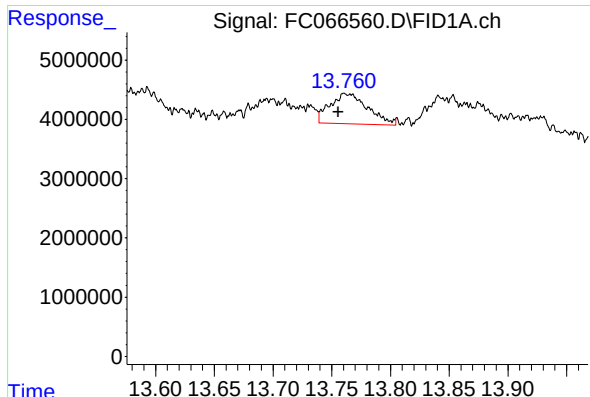
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.002 min
Response: 21388041
Conc: 160.45 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.000 min
Response: 0
Conc: N.D.



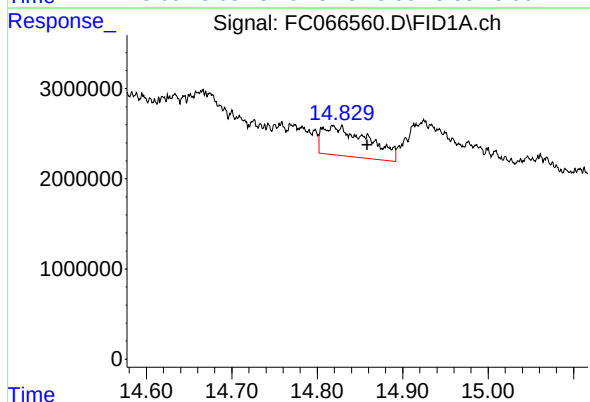
#13 n-Docosane (C22)

R.T.: 13.760 min
Delta R.T.: 0.005 min
Response: 11286647
Conc: 85.64 ug/ml

Instrument :
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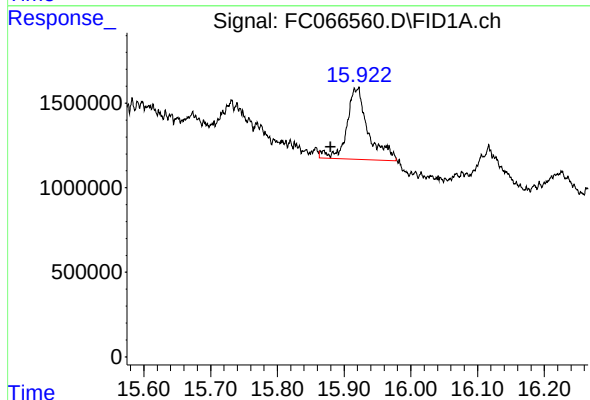
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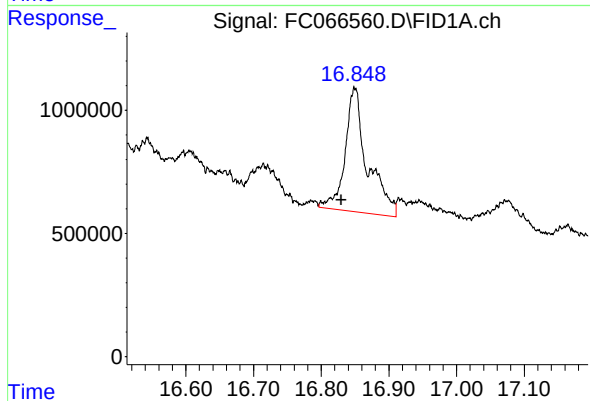
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.040 min
Response: 12187978
Conc: 93.63 ug/ml



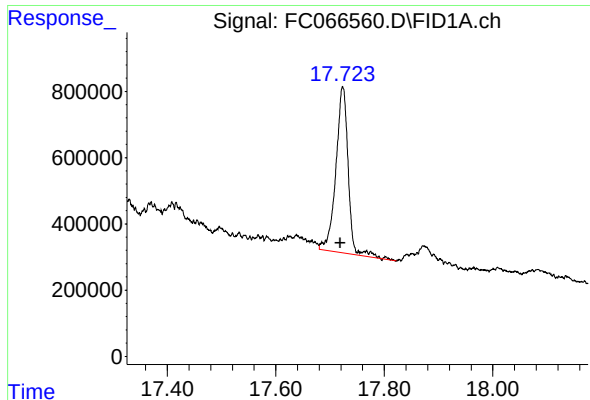
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: 0.042 min
Response: 9268524
Conc: 72.88 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: 0.019 min
Response: 11555243
Conc: 93.08 ug/ml



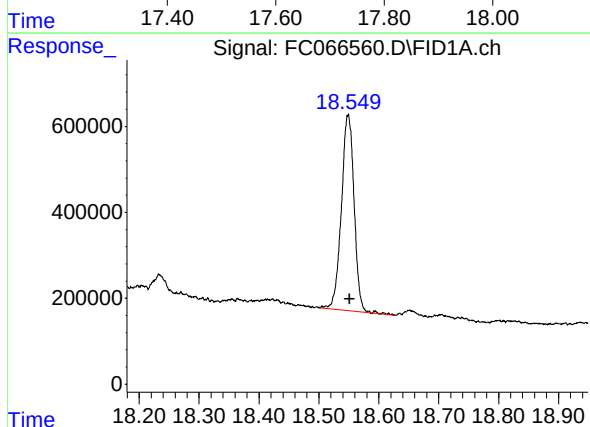
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: 0.005 min
Response: 7939279
Conc: 63.00 ug/ml

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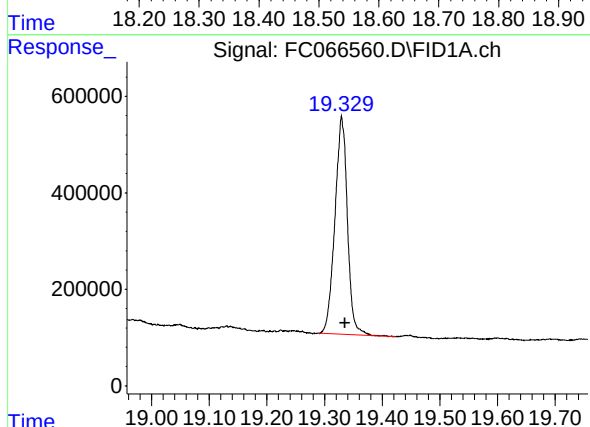
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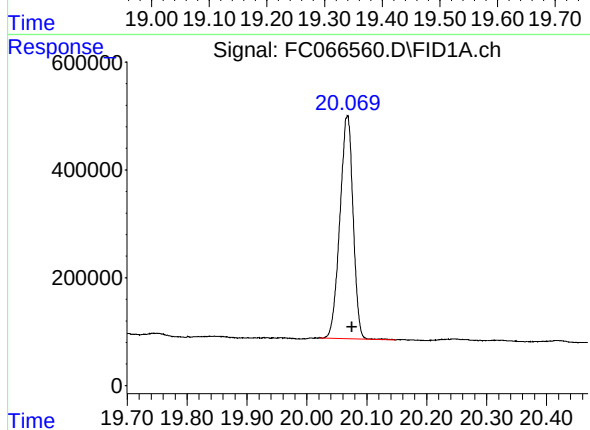
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: -0.003 min
Response: 6740212
Conc: 54.76 ug/ml



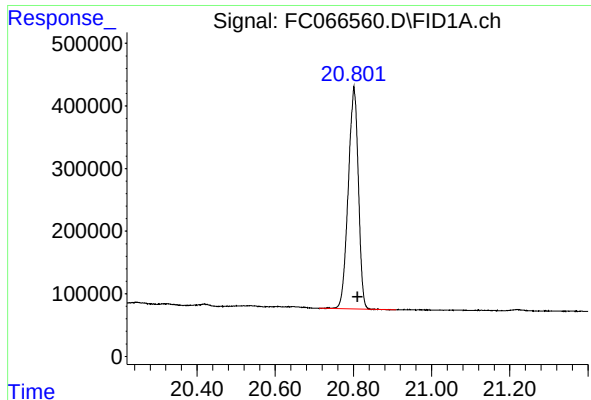
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.006 min
Response: 6790902
Conc: 56.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: -0.008 min
Response: 6331839
Conc: 52.26 ug/ml



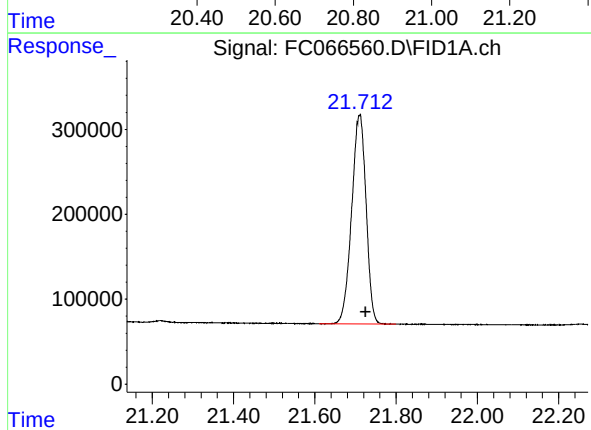
#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.010 min
Response: 6387606
Conc: 55.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: -0.015 min
Response: 6071248
Conc: 49.56 ug/ml