

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121024AL\
 Data File : FC067977.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 16:38
 Operator : YP/AJ
 Sample : P5216-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-744MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :Ankita Jodhani 12/11/2024

Integration File: autoint1.e
 Quant Time: Dec 11 00:22:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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			
9) S ortho-Terphenyl (SURR)	11.472	4886751	28.261 ug/ml
Spiked Amount 50.000		Recovery =	56.52%
12) S 1-chlorooctadecane (S...	12.910	3922930	30.745 ug/ml
Spiked Amount 50.000		Recovery =	61.49%
Target Compounds			
1) T n-Nonane (C9)	3.256	5118789	32.946 ug/ml
2) T n-Decane (C10)	4.317	5898536	37.209 ug/ml
3) T A~Naphthalene (C11.7)	5.891	6990480	40.042 ug/ml
4) T n-Dodecane (C12)	6.331	6634194	41.202 ug/ml
5) T A~2-methylnaphthalene...	6.945	6821135	40.711 ug/mlm
6) T n-Tetradecane (C14)	8.125	7407365	46.588 ug/ml
7) T n-Hexadecane (C16)	9.723	7865664	48.688 ug/ml
8) T n-Octadecane (C18)	11.163	7971362	49.653 ug/ml
10) T n-Eicosane (C20)	12.471	7955544	52.886 ug/ml
11) T n-Heneicosane (C21)	13.081	7544403	51.633 ug/ml
13) T n-Docosane (C22)	13.667	7403485	51.720 ug/ml
14) T n-Tetracosane (C24)	14.738	14500770	104.361 ug/mlm
15) T n-Hexacosane (C26)	15.790	6914774	51.707 ug/ml
16) T n-Octacosane (C28)	16.736	6706564	51.704 ug/mlm
17) T n-Tricontane (C30)	17.625	6604608	50.984 ug/ml
18) T n-Dotriacontane (C32)	18.452	6522981	52.653 ug/ml
19) T n-Tetratriacontane (C34)	19.236	6474881	59.322 ug/ml
20) T n-Hexatriacontane (C36)	19.973	6305173	66.645 ug/ml
21) T n-Octatriacontane (C38)	20.694	6324995	69.919 ug/ml
22) T n-Tetracontane (C40)	21.571	6334192	71.866 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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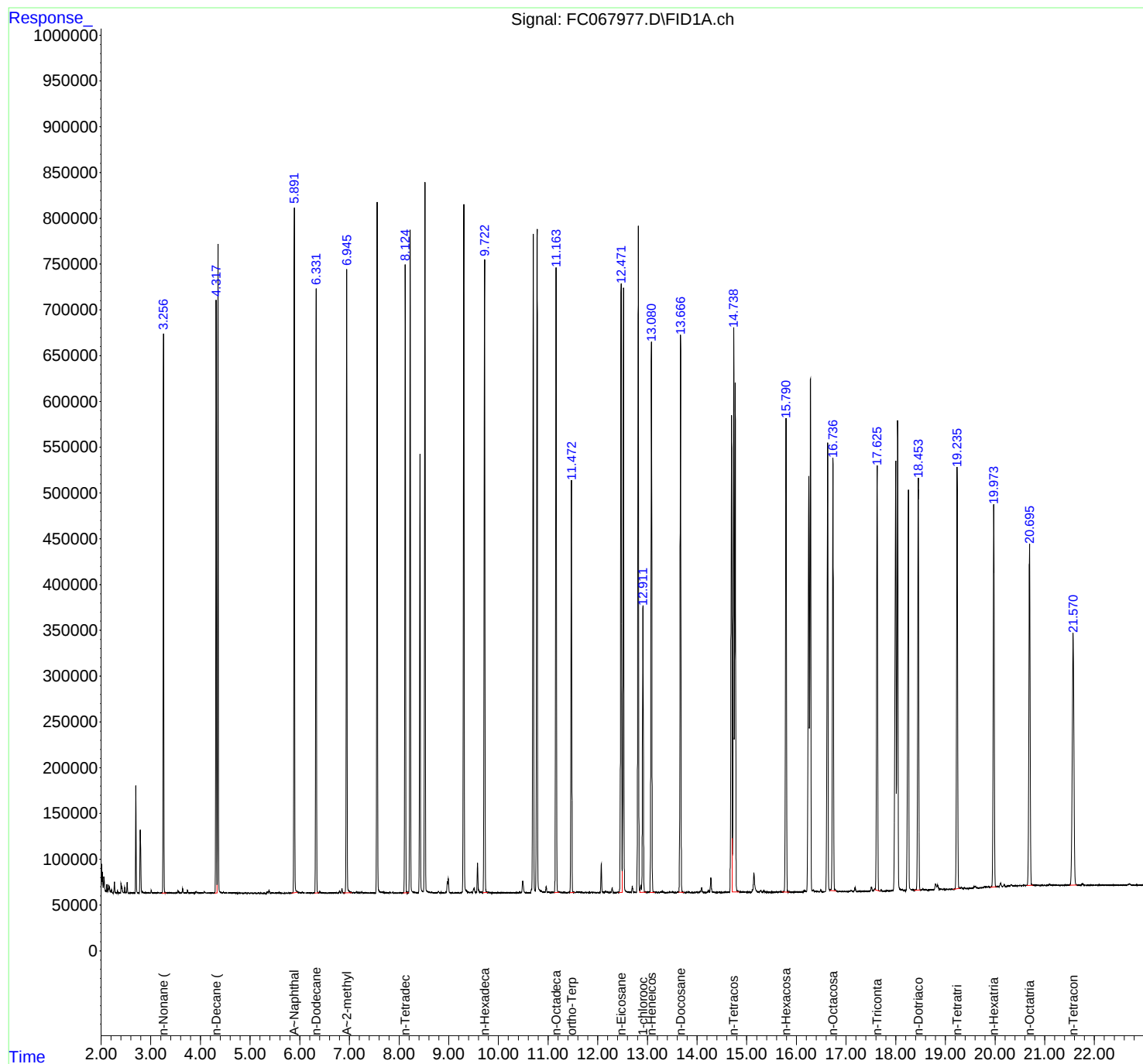
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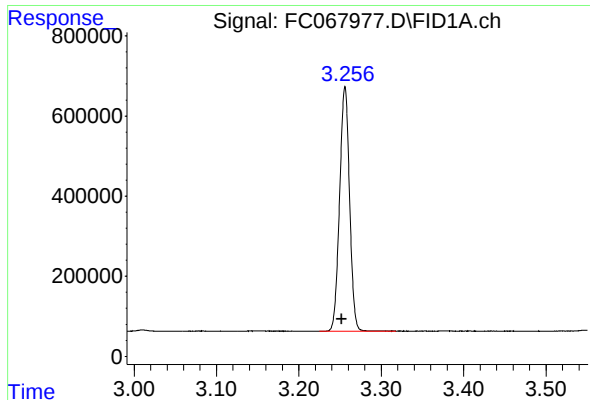
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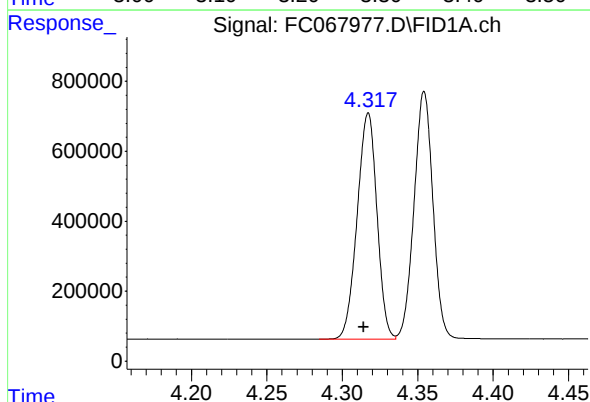
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: 0.004 min
Response: 5118789
Conc: 32.95 ug/ml

Instrument :
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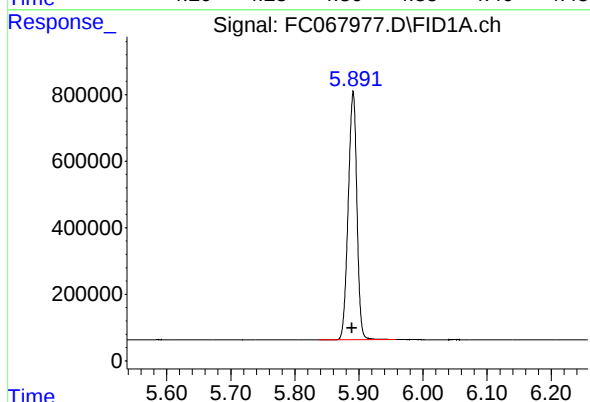
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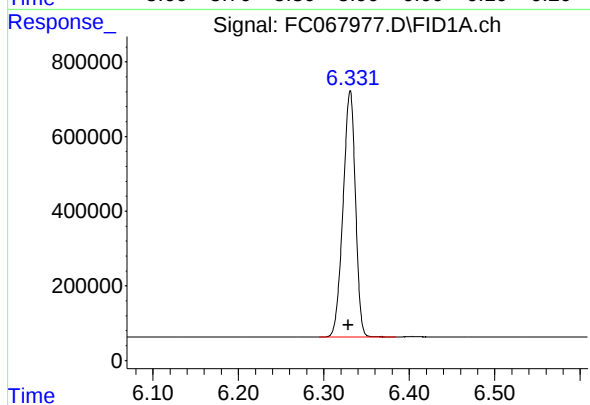
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: 0.003 min
Response: 5898536
Conc: 37.21 ug/ml



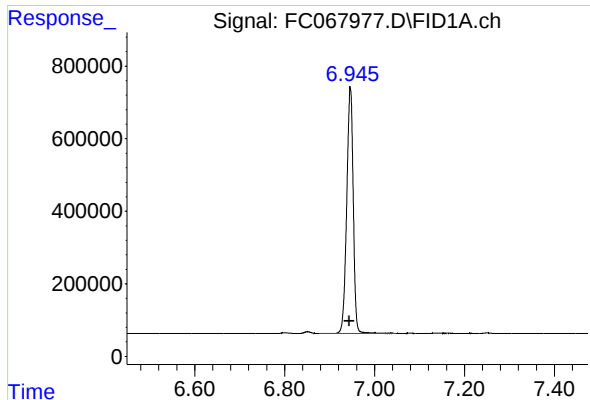
#3 A~Naphthalene (C11.7)

R.T.: 5.891 min
Delta R.T.: 0.001 min
Response: 6990480
Conc: 40.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.331 min
Delta R.T.: 0.002 min
Response: 6634194
Conc: 41.20 ug/ml



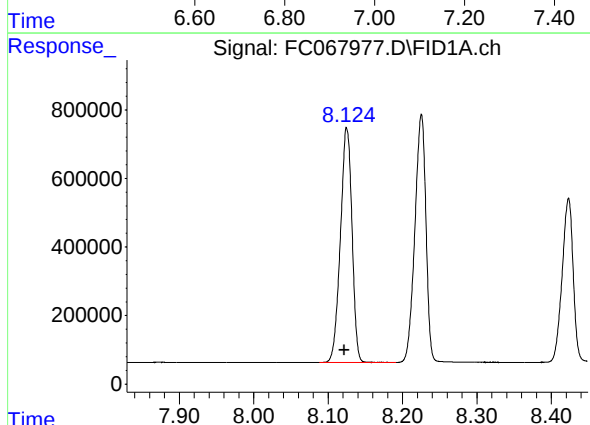
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 6821135
Conc: 40.71 ug/ml

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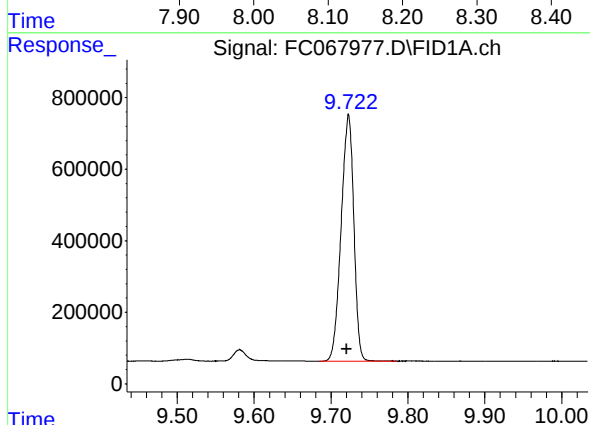
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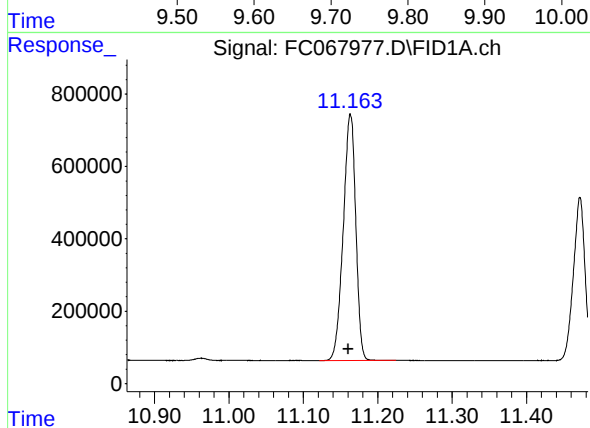
#6 n-Tetradecane (C14)

R.T.: 8.125 min
Delta R.T.: 0.003 min
Response: 7407365
Conc: 46.59 ug/ml



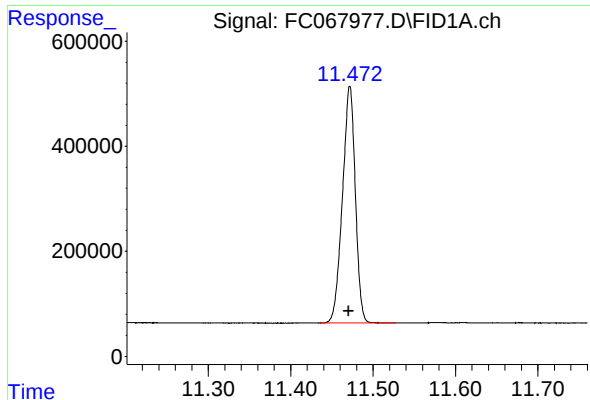
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.002 min
Response: 7865664
Conc: 48.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.163 min
Delta R.T.: 0.003 min
Response: 7971362
Conc: 49.65 ug/ml



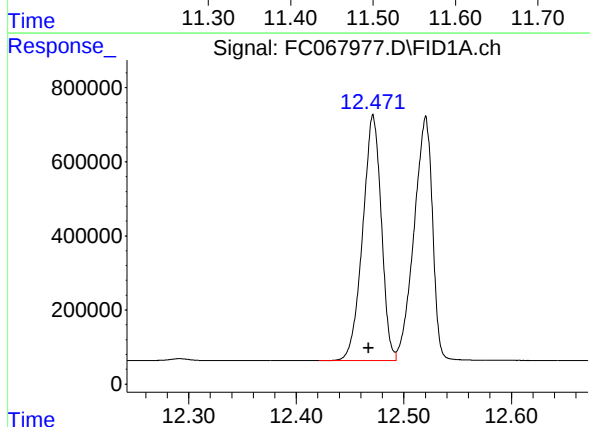
#9 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: 0.001 min
Response: 4886751
Conc: 28.26 ug/ml

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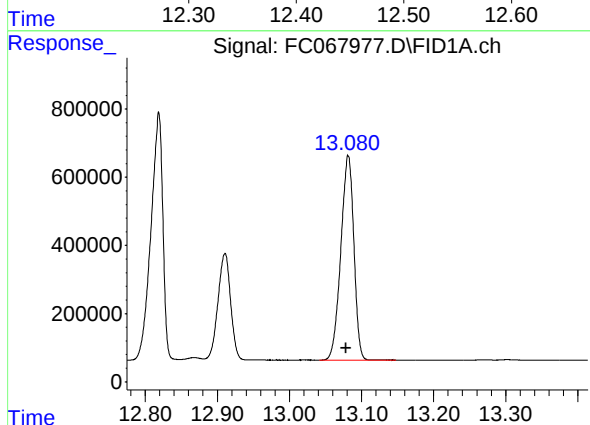
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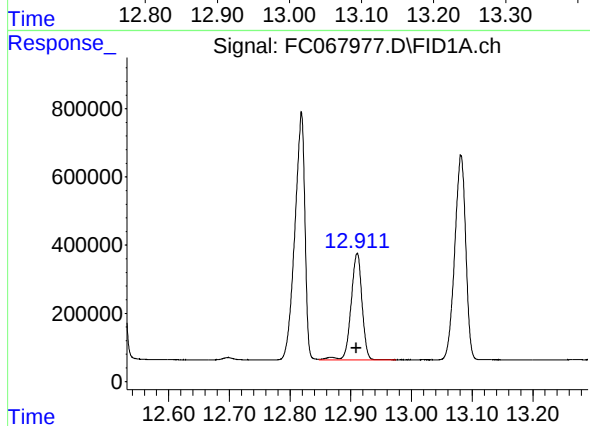
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: 0.004 min
Response: 7955544
Conc: 52.89 ug/ml



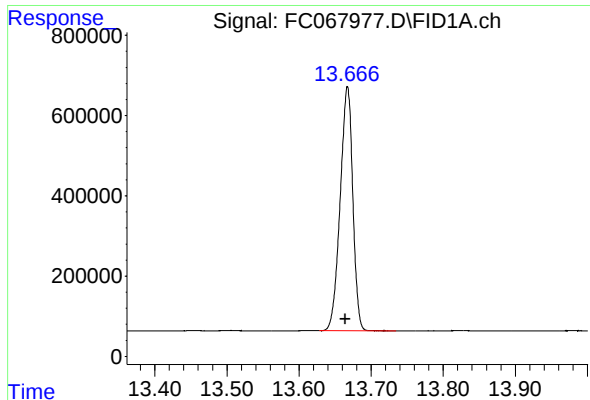
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: 0.003 min
Response: 7544403
Conc: 51.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: 0.001 min
Response: 3922930
Conc: 30.75 ug/ml



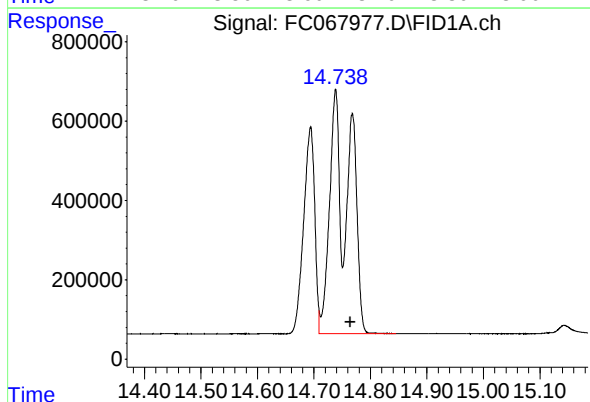
#13 n-Docosane (C22)

R.T.: 13.667 min
Delta R.T.: 0.003 min
Response: 7403485
Conc: 51.72 ug/ml

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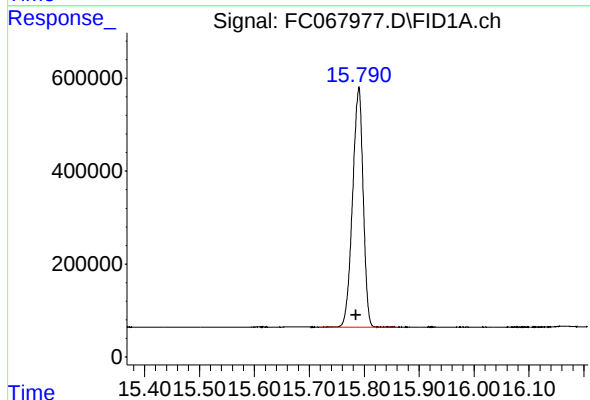
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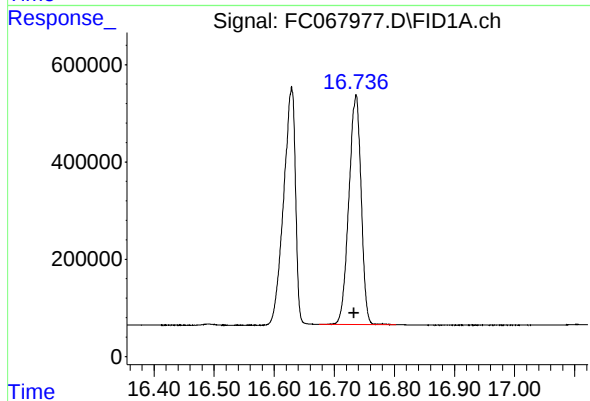
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.027 min
Response: 14500770
Conc: 104.36 ug/ml m



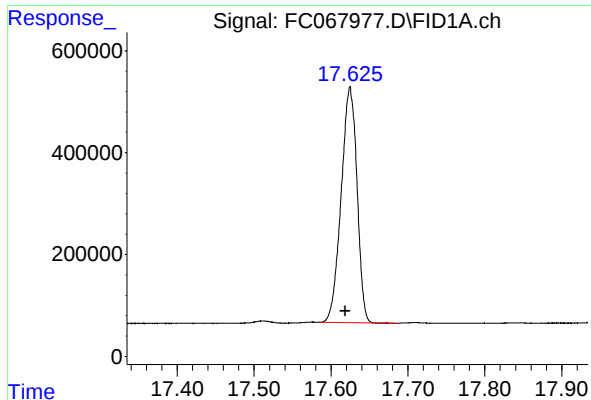
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.005 min
Response: 6914774
Conc: 51.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.736 min
Delta R.T.: 0.003 min
Response: 6706564
Conc: 51.70 ug/ml m



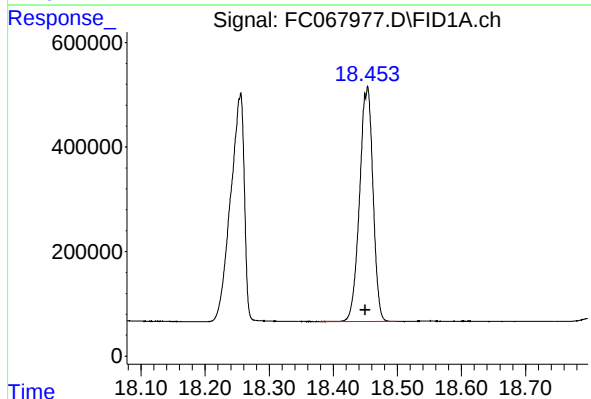
#17 n-Tricontane (C30)

R.T.: 17.625 min
Delta R.T.: 0.006 min
Response: 6604608
Conc: 50.98 ug/ml

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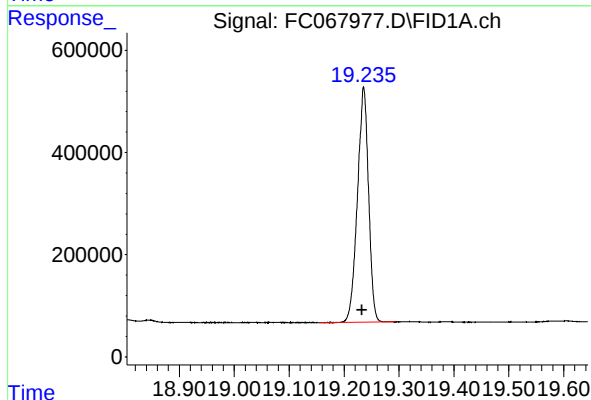
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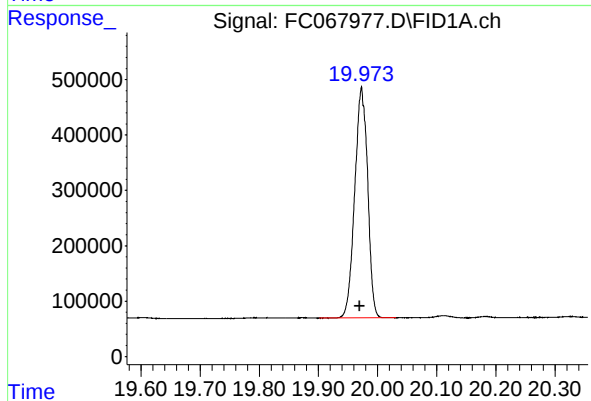
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: 0.003 min
Response: 6522981
Conc: 52.65 ug/ml



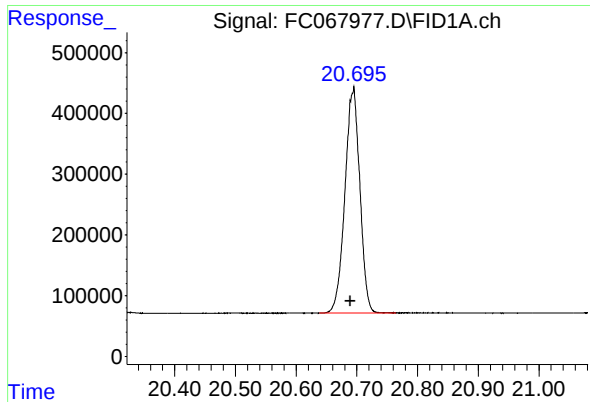
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: 0.003 min
Response: 6474881
Conc: 59.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: 0.003 min
Response: 6305173
Conc: 66.64 ug/ml



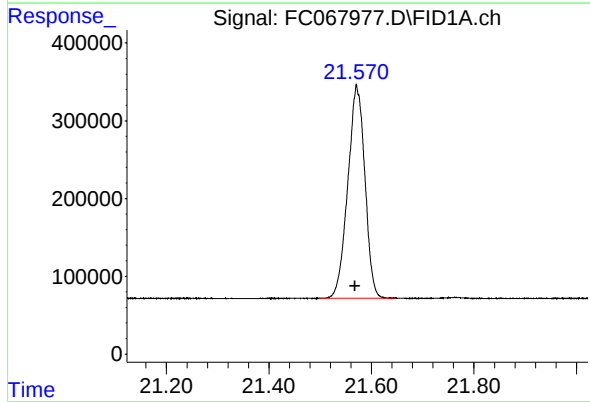
#21 n-Octatriacontane (C38)

R.T.: 20.694 min
Delta R.T.: 0.004 min
Response: 6324995
Conc: 69.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: 0.004 min
Response: 6334192
Conc: 71.87 ug/ml