

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121024AL\
 Data File : FC067978.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 17:14
 Operator : YP/AJ
 Sample : P5216-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

MH-744MSD

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 00:22:37 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)	11.471	4847639	28.035 ug/ml
Spiked Amount 50.000		Recovery =	56.07%
12) S 1-chlorooctadecane (S...	12.910	3802135	29.799 ug/mlm
Spiked Amount 50.000		Recovery =	59.60%
Target Compounds			
1) T n-Nonane (C9)	3.256	5013516	32.269 ug/ml
2) T n-Decane (C10)	4.317	5766731	36.377 ug/ml
3) T A~Naphthalene (C11.7)	5.890	6857305	39.279 ug/ml
4) T n-Dodecane (C12)	6.330	6486271	40.284 ug/ml
5) T A~2-methylnaphthalene...	6.946	6689292	39.924 ug/mlm
6) T n-Tetradecane (C14)	8.125	7270375	45.726 ug/ml
7) T n-Hexadecane (C16)	9.723	7748644	47.963 ug/ml
8) T n-Octadecane (C18)	11.163	7881194	49.091 ug/ml
10) T n-Eicosane (C20)	12.471	7869622	52.315 ug/ml
11) T n-Heneicosane (C21)	13.082	7465327	51.092 ug/ml
13) T n-Docosane (C22)	13.666	7327022	51.186 ug/ml
14) T n-Tetracosane (C24)	14.738	14369366	103.415 ug/mlm
15) T n-Hexacosane (C26)	15.789	6839273	51.142 ug/ml
16) T n-Octacosane (C28)	16.736	6604425	50.916 ug/mlm
17) T n-Tricontane (C30)	17.625	6528833	50.399 ug/ml
18) T n-Dotriacontane (C32)	18.453	6454549	52.101 ug/ml
19) T n-Tetratriacontane (C34)	19.235	6414593	58.770 ug/ml
20) T n-Hexatriacontane (C36)	19.973	6243906	65.997 ug/ml
21) T n-Octatriacontane (C38)	20.694	6260547	69.206 ug/ml
22) T n-Tetracontane (C40)	21.574	6276383	71.210 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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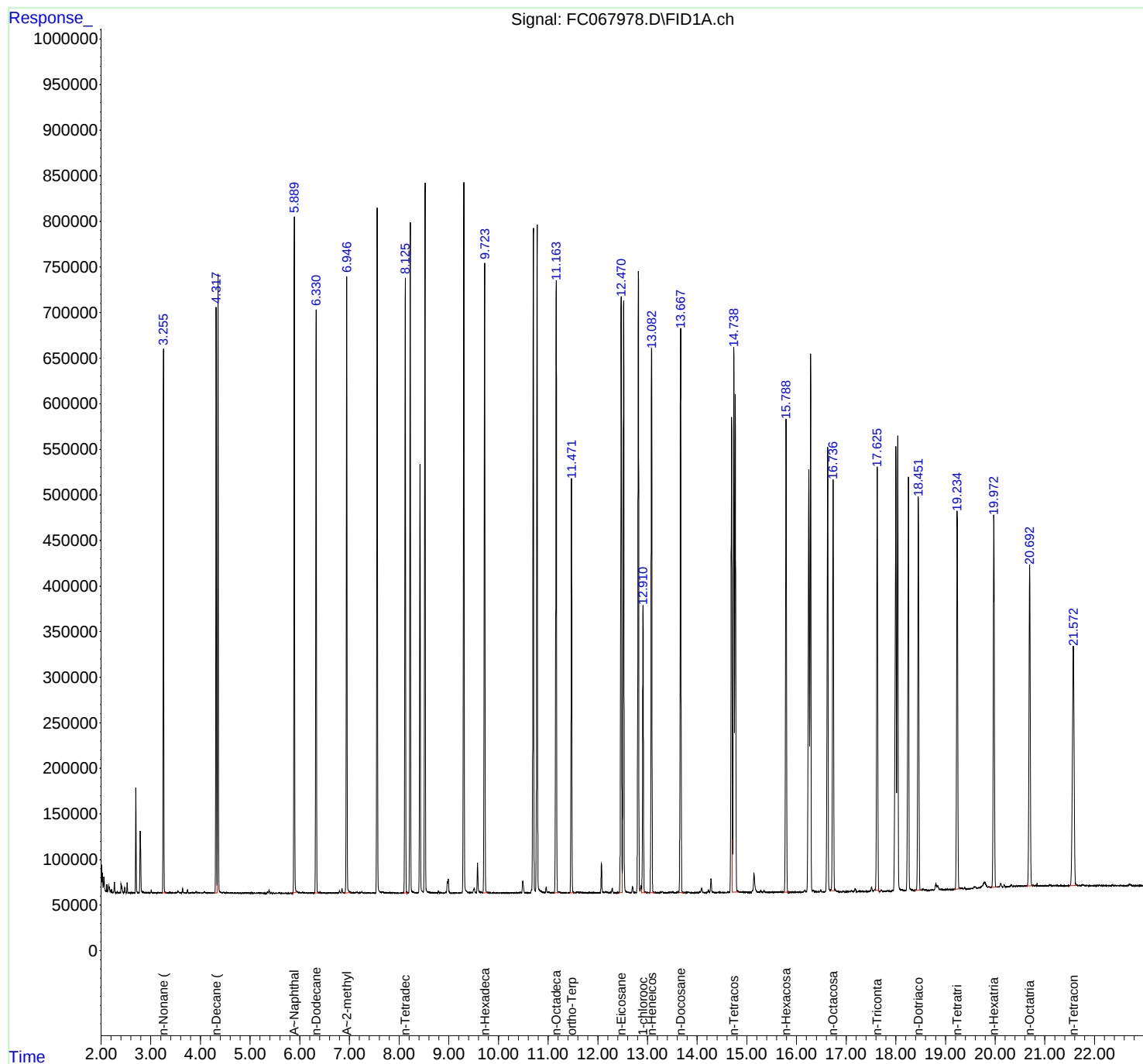
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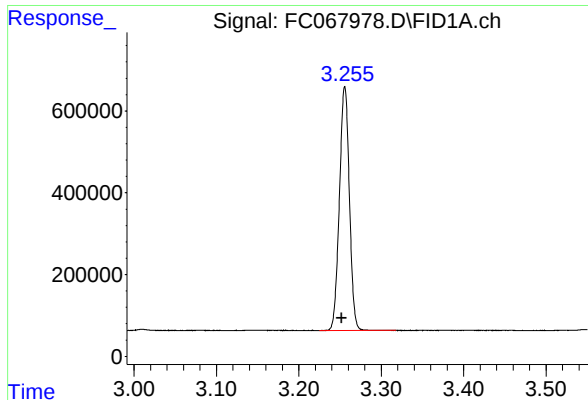
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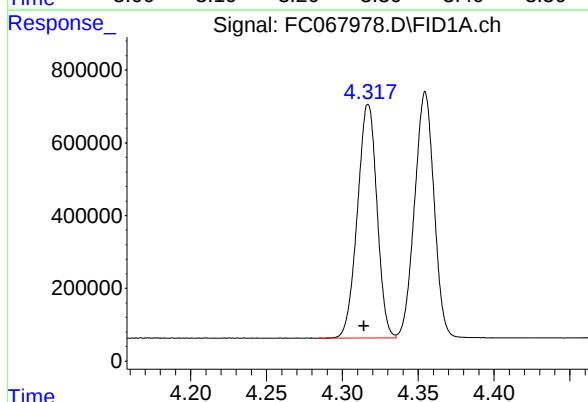
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: 0.004 min
Response: 5013516
Conc: 32.27 ug/ml

Instrument :
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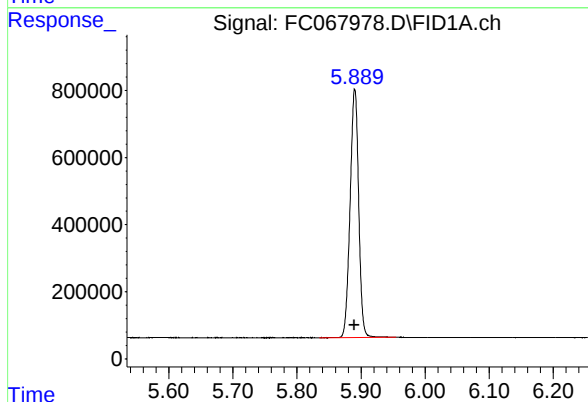
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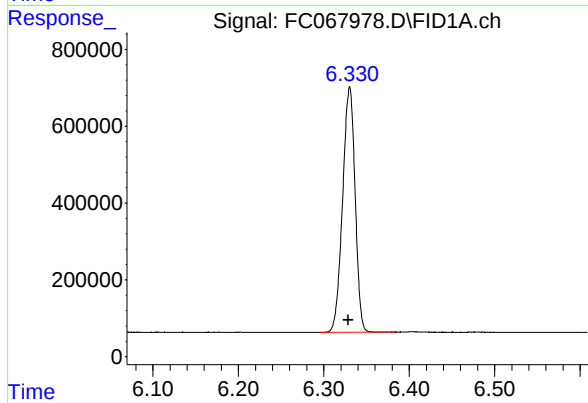
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: 0.003 min
Response: 5766731
Conc: 36.38 ug/ml



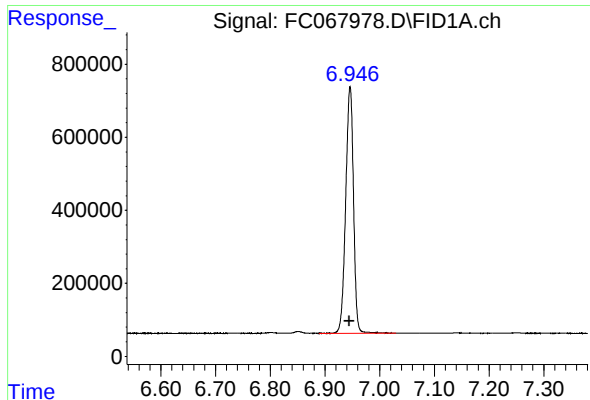
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 6857305
Conc: 39.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 6486271
Conc: 40.28 ug/ml



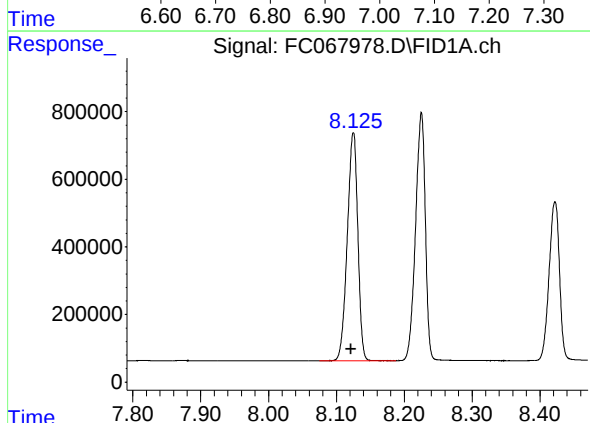
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: 0.001 min
Response: 6689292
Conc: 39.92 ug/ml

Instrument :
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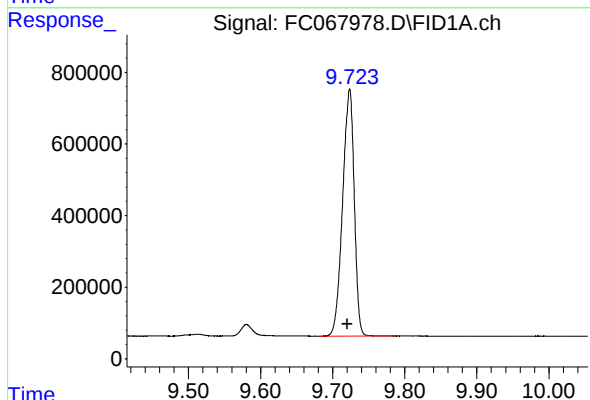
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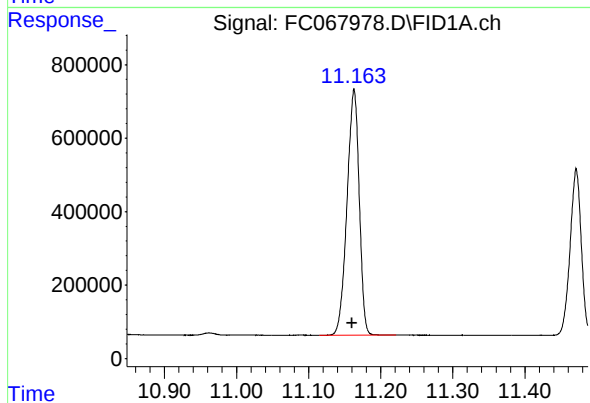
#6 n-Tetradecane (C14)

R.T.: 8.125 min
Delta R.T.: 0.003 min
Response: 7270375
Conc: 45.73 ug/ml



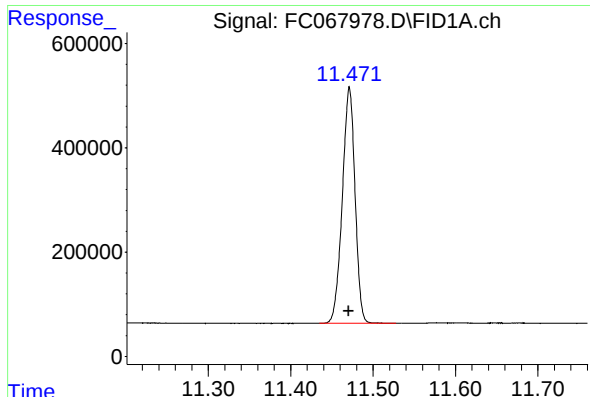
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.003 min
Response: 7748644
Conc: 47.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.163 min
Delta R.T.: 0.003 min
Response: 7881194
Conc: 49.09 ug/ml



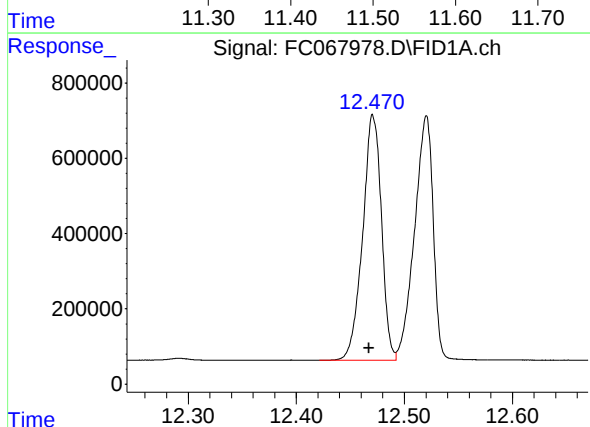
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 4847639
Conc: 28.03 ug/ml

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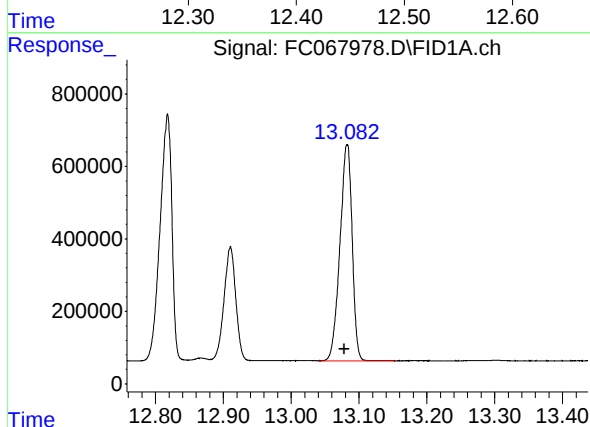
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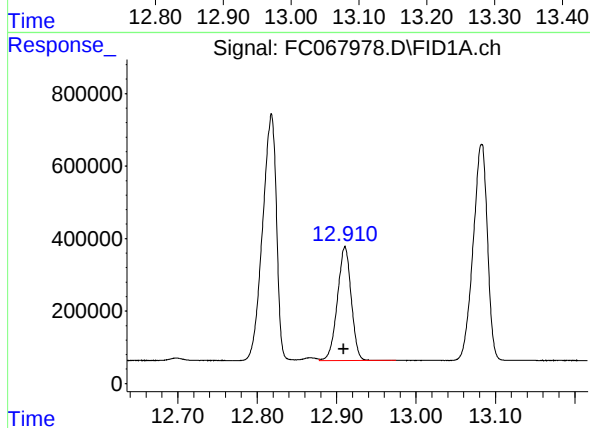
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: 0.004 min
Response: 7869622
Conc: 52.31 ug/ml



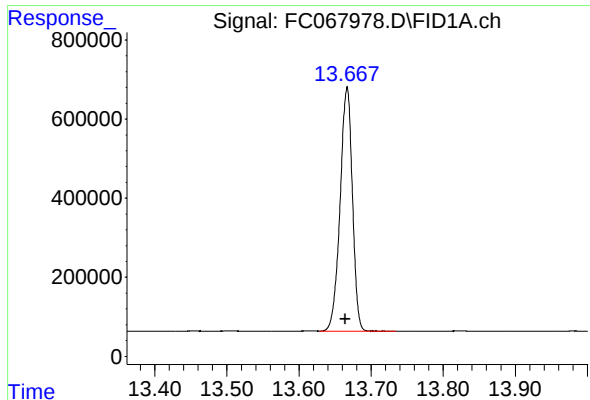
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: 0.004 min
Response: 7465327
Conc: 51.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: 0.001 min
Response: 3802135
Conc: 29.80 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.666 min
Delta R.T.: 0.002 min
Response: 7327022
Conc: 51.19 ug/ml

Instrument :

FID_C

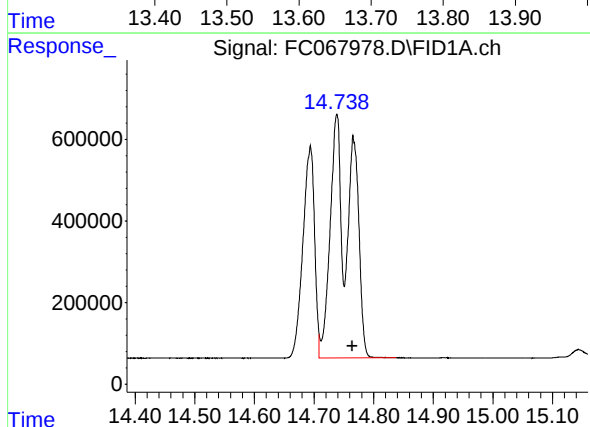
ClientSampleId :

MH-744MSD

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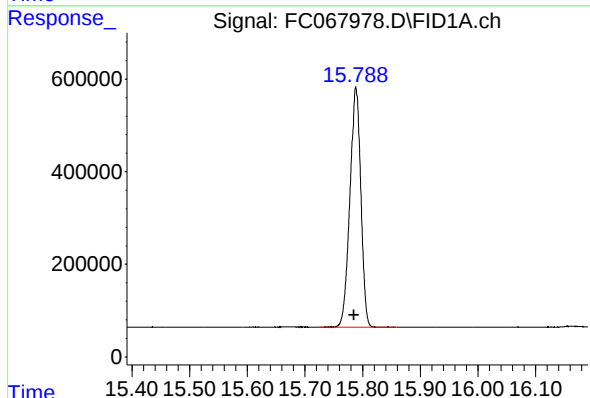
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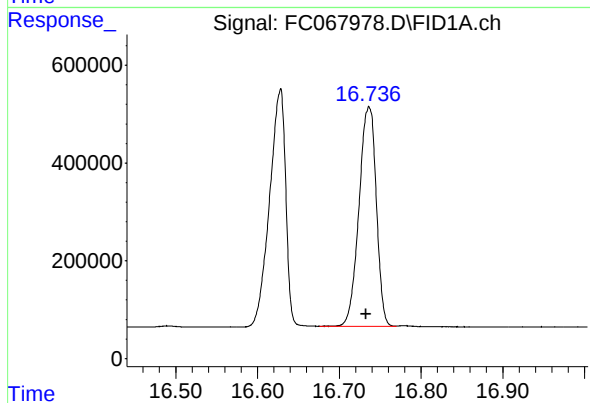
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.026 min
Response: 14369366
Conc: 103.42 ug/ml m



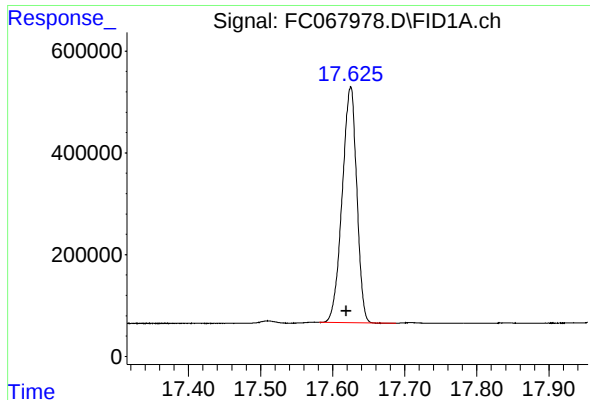
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.004 min
Response: 6839273
Conc: 51.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.736 min
Delta R.T.: 0.003 min
Response: 6604425
Conc: 50.92 ug/ml m



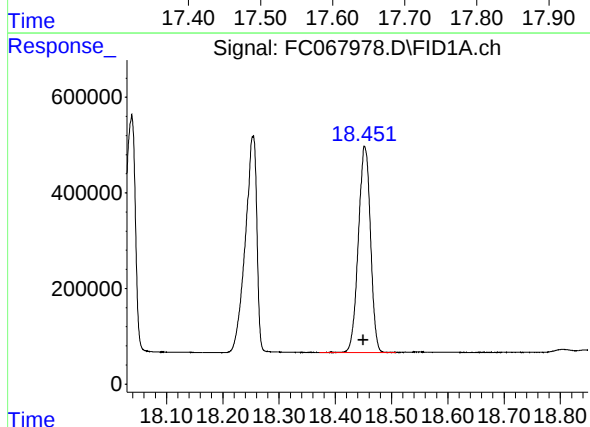
#17 n-Tricontane (C30)

R.T.: 17.625 min
Delta R.T.: 0.006 min
Response: 6528833
Conc: 50.40 ug/ml

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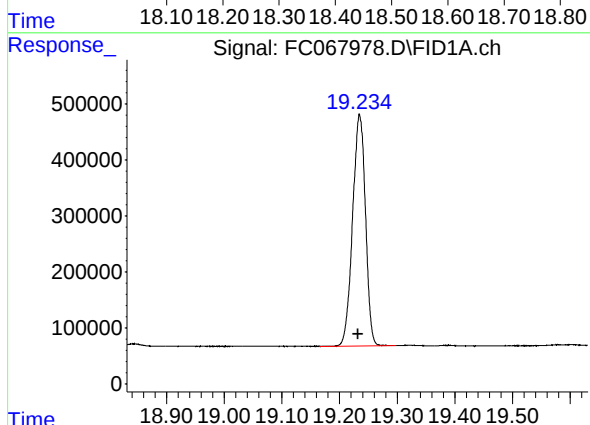
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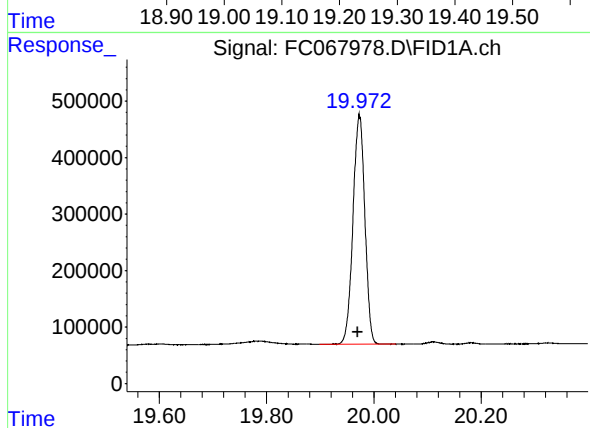
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: 0.003 min
Response: 6454549
Conc: 52.10 ug/ml



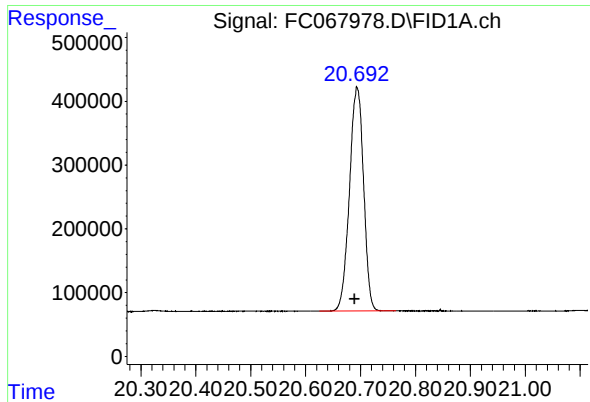
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.003 min
Response: 6414593
Conc: 58.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: 0.003 min
Response: 6243906
Conc: 66.00 ug/ml



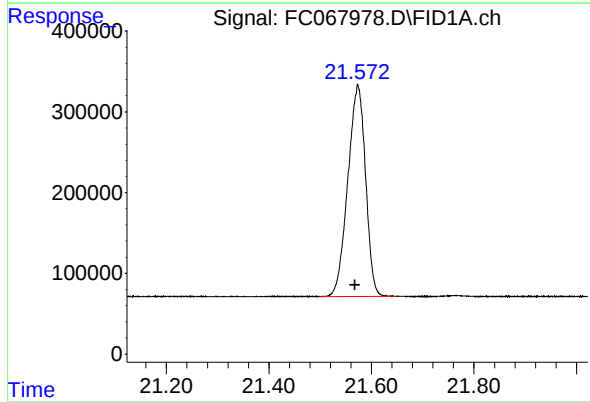
#21 n-Octatriacontane (C38)

R.T.: 20.694 min
Delta R.T.: 0.004 min
Response: 6260547
Conc: 69.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.574 min
Delta R.T.: 0.006 min
Response: 6276383
Conc: 71.21 ug/ml