

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091624AL\
 Data File : FC067139.D
 Signal(s) : FID1A.ch
 Acq On : 16 Sep 2024 14:09
 Operator : YP/AJ
 Sample : P4002-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP-2MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :Ankita Jodhani 09/17/2024

Integration File: autoint1.e

Quant Time: Sep 17 04:14:10 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 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)	11.505	3635223	26.107 ug/ml
Spiked Amount 50.000		Recovery =	52.21%
12) S 1-chlorooctadecane (S...	12.944	2796675	28.629 ug/ml
Spiked Amount 50.000		Recovery =	57.26%
Target Compounds			
1) T n-Nonane (C9)	3.281	3797038	28.625 ug/ml
2) T n-Decane (C10)	4.346	4252449	31.662 ug/ml
3) T A~Naphthalene (C11.7)	5.923	4628476	32.566 ug/ml
4) T n-Dodecane (C12)	6.361	4440088	33.171 ug/ml
5) T A~2-methylnaphthalene...	6.979	4308290	32.263 ug/ml
6) T n-Tetradecane (C14)	8.156	4846878	37.609 ug/ml
7) T n-Hexadecane (C16)	9.754	5131567	39.802 ug/ml
8) T n-Octadecane (C18)	11.194	5150735	40.258 ug/ml
10) T n-Eicosane (C20)	12.503	5223213	43.486 ug/ml
11) T n-Heneicosane (C21)	13.114	4973087	42.580 ug/ml
13) T n-Docosane (C22)	13.699	4986200	43.186 ug/ml
14) T n-Tetracosane (C24)	14.800	4675342	41.170 ug/ml
15) T n-Hexacosane (C26)	15.822	4629899	41.775 ug/ml
16) T n-Octacosane (C28)	16.767	4536016	41.993 ug/ml
17) T n-Tricontane (C30)	17.657	4514343	41.502 ug/ml
18) T n-Dotriacontane (C32)	18.486	4457228	42.732 ug/ml
19) T n-Tetratriacontane (C34)	19.269	4422413	47.935 ug/ml
20) T n-Hexatriacontane (C36)	20.009	4139793	52.239 ug/ml
21) T n-Octatriacontane (C38)	20.733	4086880	54.408 ug/ml
22) T n-Tetracontane (C40)	21.618	3767322	53.923 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091624AL\
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Operator : YP/AJ
Sample : P4002-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

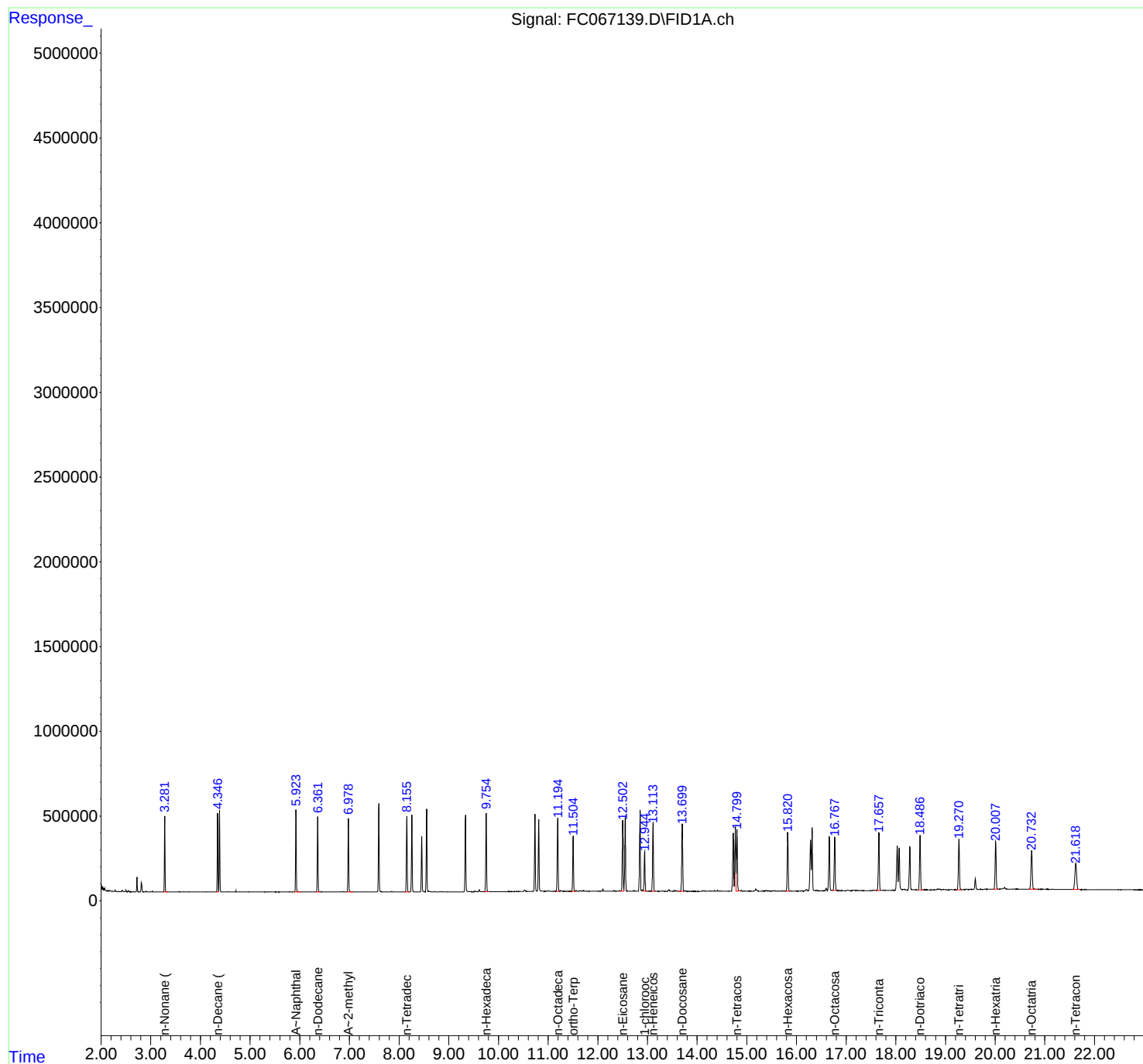
Instrument :
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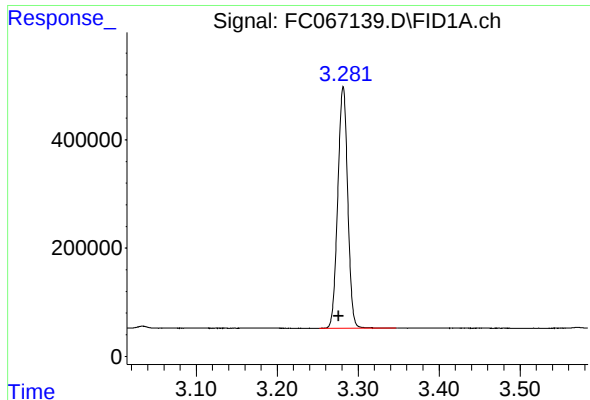
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





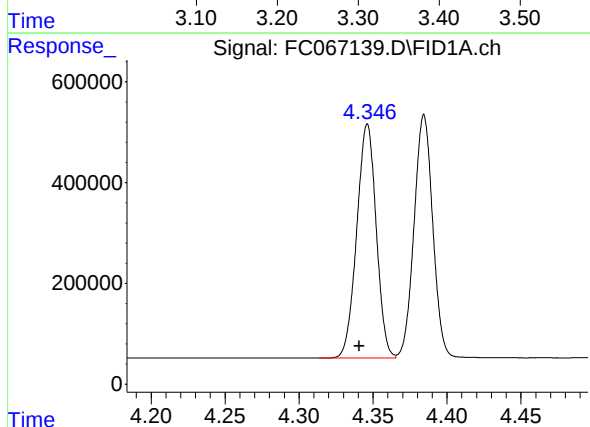
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.005 min
Response: 3797038
Conc: 28.63 ug/ml

Instrument :
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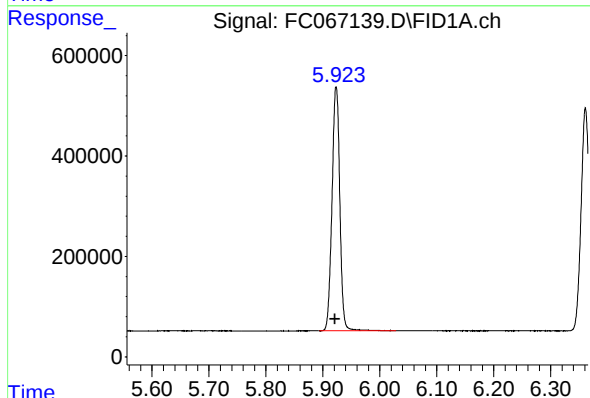
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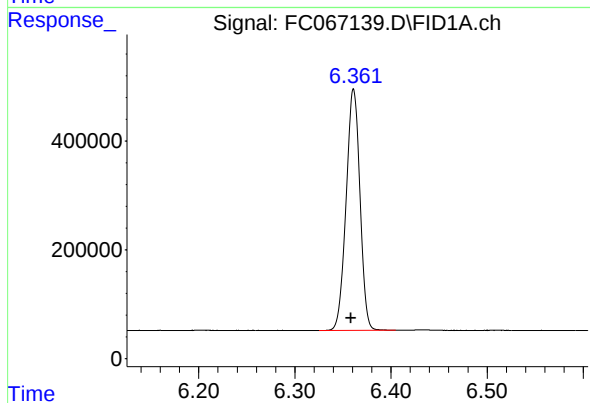
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.005 min
Response: 4252449
Conc: 31.66 ug/ml



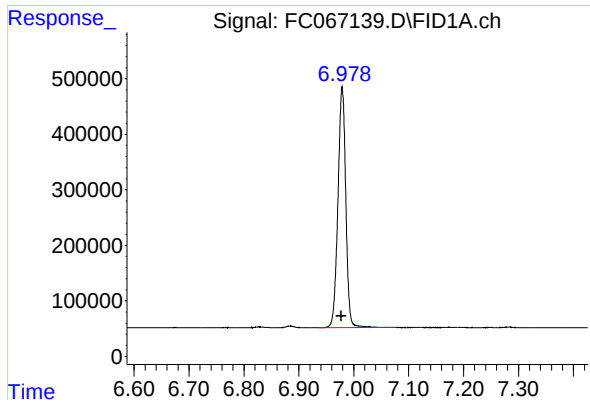
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.002 min
Response: 4628476
Conc: 32.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.003 min
Response: 4440088
Conc: 33.17 ug/ml



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

R.T.: 6.979 min
Delta R.T.: 0.002 min
Response: 4308290
Conc: 32.26 ug/ml

Instrument :

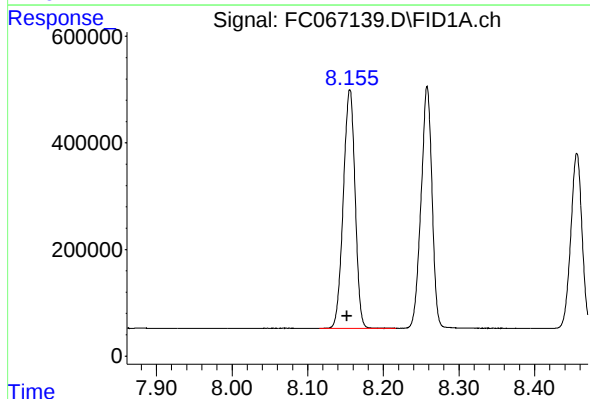
FID_C

ClientSampleId :

TP-2MS

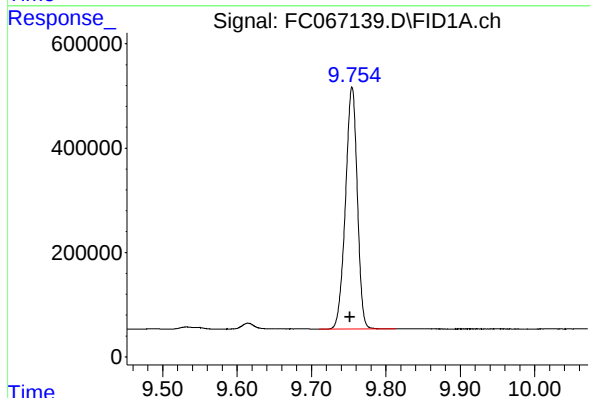
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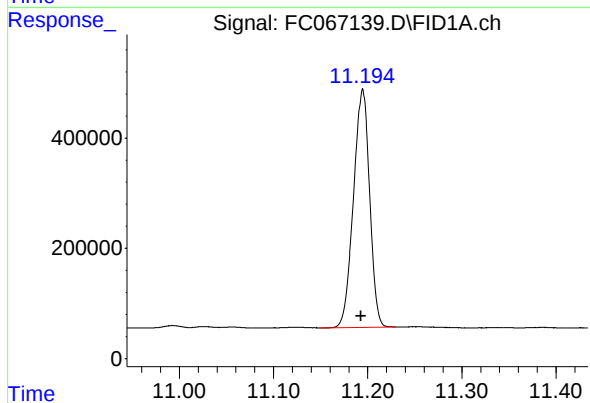
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.004 min
Response: 4846878
Conc: 37.61 ug/ml



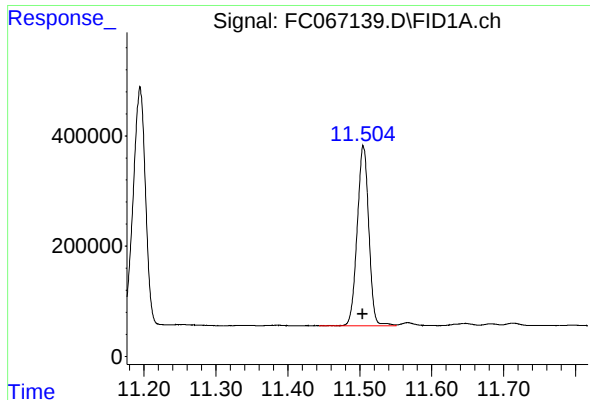
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.003 min
Response: 5131567
Conc: 39.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.002 min
Response: 5150735
Conc: 40.26 ug/ml



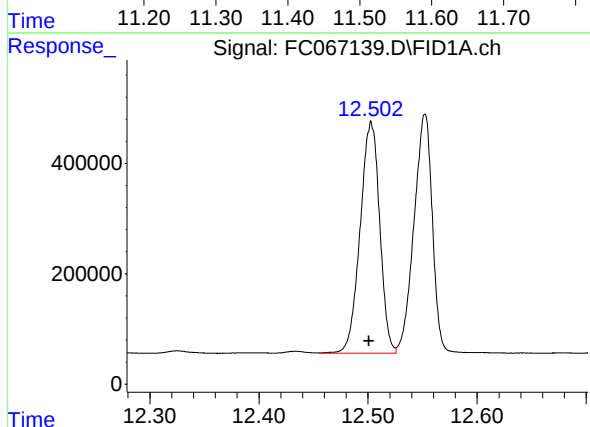
#9 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: 0.001 min
Response: 3635223
Conc: 26.11 ug/ml

Instrument :
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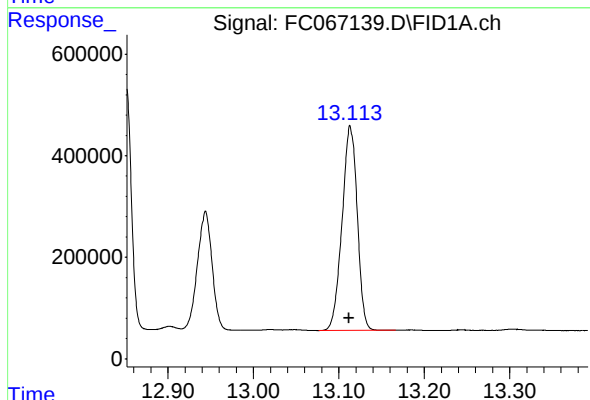
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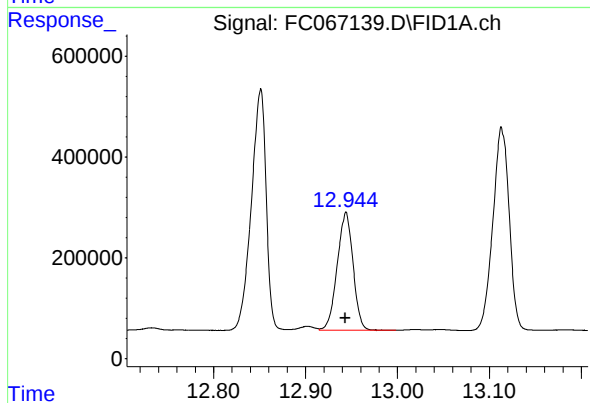
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 5223213
Conc: 43.49 ug/ml



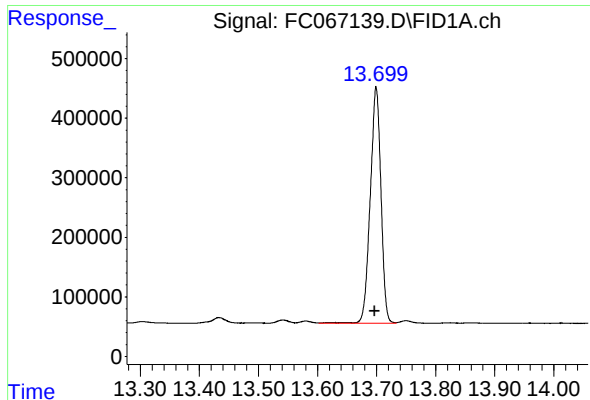
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: 0.002 min
Response: 4973087
Conc: 42.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 2796675
Conc: 28.63 ug/ml



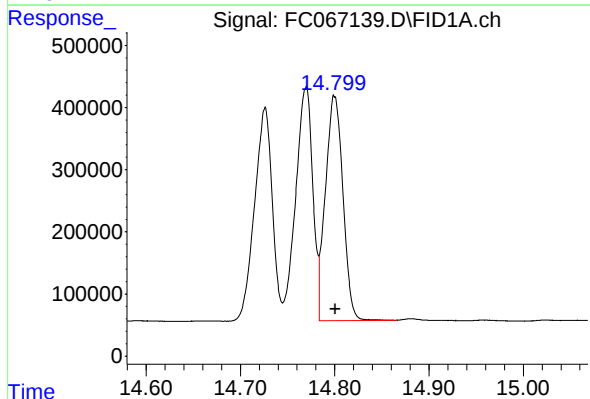
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.002 min
Response: 4986200
Conc: 43.19 ug/ml

Instrument :
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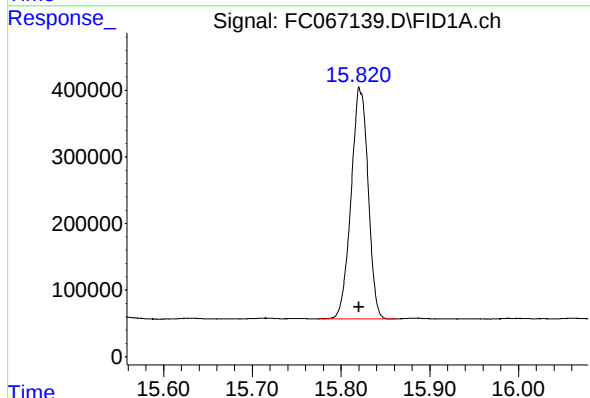
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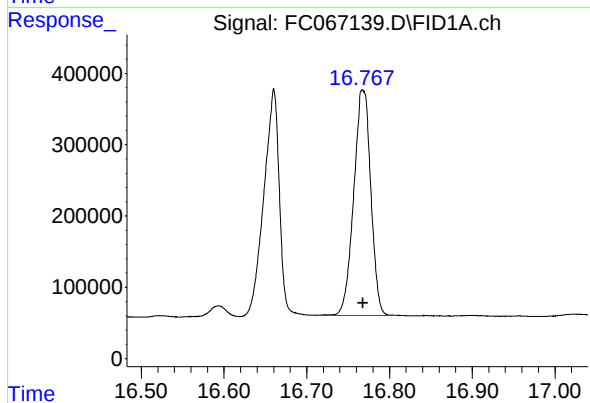
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.000 min
Response: 4675342
Conc: 41.17 ug/ml



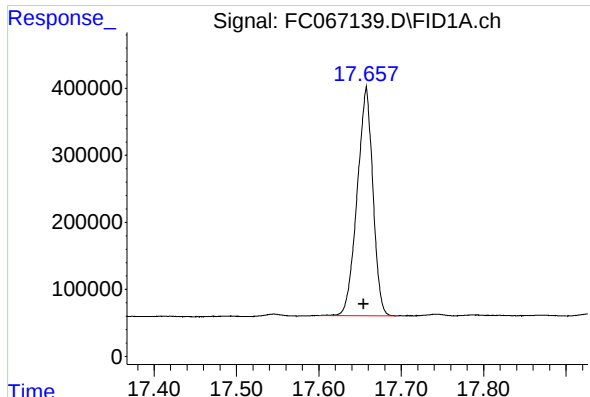
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.001 min
Response: 4629899
Conc: 41.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.767 min
Delta R.T.: -0.001 min
Response: 4536016
Conc: 41.99 ug/ml m



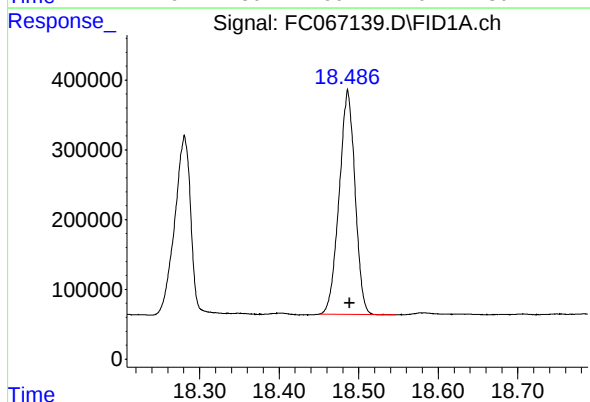
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: 0.003 min
Response: 4514343
Conc: 41.50 ug/ml

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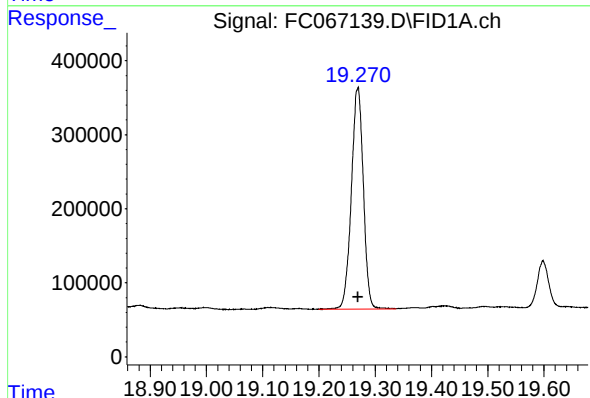
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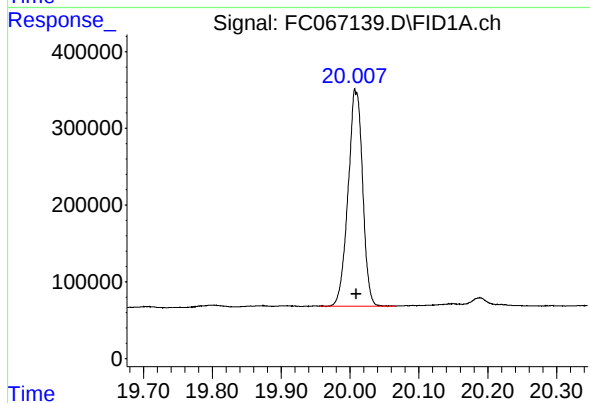
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.002 min
Response: 4457228
Conc: 42.73 ug/ml



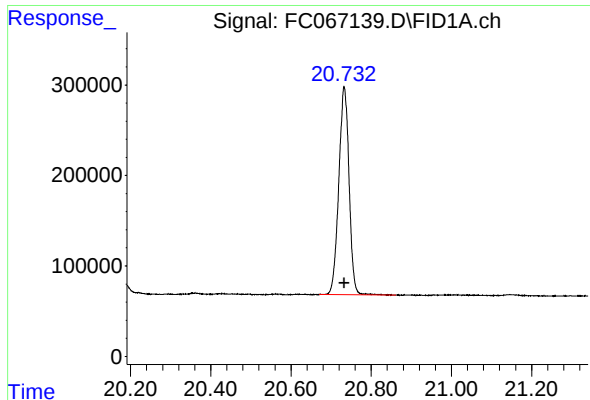
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min
Delta R.T.: 0.000 min
Response: 4422413
Conc: 47.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 4139793
Conc: 52.24 ug/ml



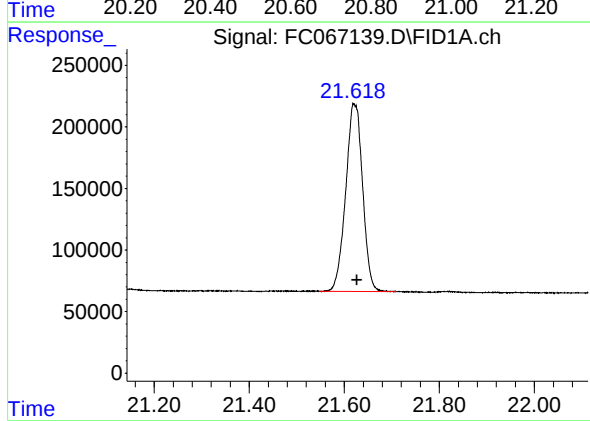
#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 4086880
Conc: 54.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.008 min
Response: 3767322
Conc: 53.92 ug/ml m