

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091324AL\
 Data File : FC067125.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 15:58
 Operator : YP/AJ
 Sample : P3905-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP-3AMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e

Quant Time: Sep 14 00:31:57 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			
12) S 1-chlorooctadecane (S...	12.946	3475666	35.580 ug/ml
Spiked Amount 50.000		Recovery =	71.16%
Target Compounds			
1) T n-Nonane (C9)	3.280	3036002	22.888 ug/ml
2) T n-Decane (C10)	4.345	3740060	27.847 ug/ml
4) T n-Dodecane (C12)	6.362	4122802	30.800 ug/ml
6) T n-Tetradecane (C14)	8.155	4570248	35.462 ug/ml
7) T n-Hexadecane (C16)	9.755	4981090	38.635 ug/ml
8) T n-Octadecane (C18)	11.195	5208572	40.710 ug/ml
10) T n-Eicosane (C20)	12.503	5195680	43.256 ug/ml
11) T n-Heneicosane (C21)	13.114	4991853	42.741 ug/ml
13) T n-Docosane (C22)	13.700	4918396	42.598 ug/ml
14) T n-Tetracosane (C24)	14.801	4788078	42.163 ug/ml
15) T n-Hexacosane (C26)	15.822	4671011	42.146 ug/ml
16) T n-Octacosane (C28)	16.770	4566376	42.274 ug/ml
17) T n-Tricontane (C30)	17.656	4579123	42.098 ug/ml
18) T n-Dotriacontane (C32)	18.489	4547742	43.600 ug/mlm
19) T n-Tetratriacontane (C34)	19.270	4462653	48.371 ug/ml
20) T n-Hexatriacontane (C36)	20.011	4225464	53.320 ug/ml
21) T n-Octatriacontane (C38)	20.735	4077666	54.285 ug/ml
22) T n-Tetracontane (C40)	21.625	3652127	52.274 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P3905-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

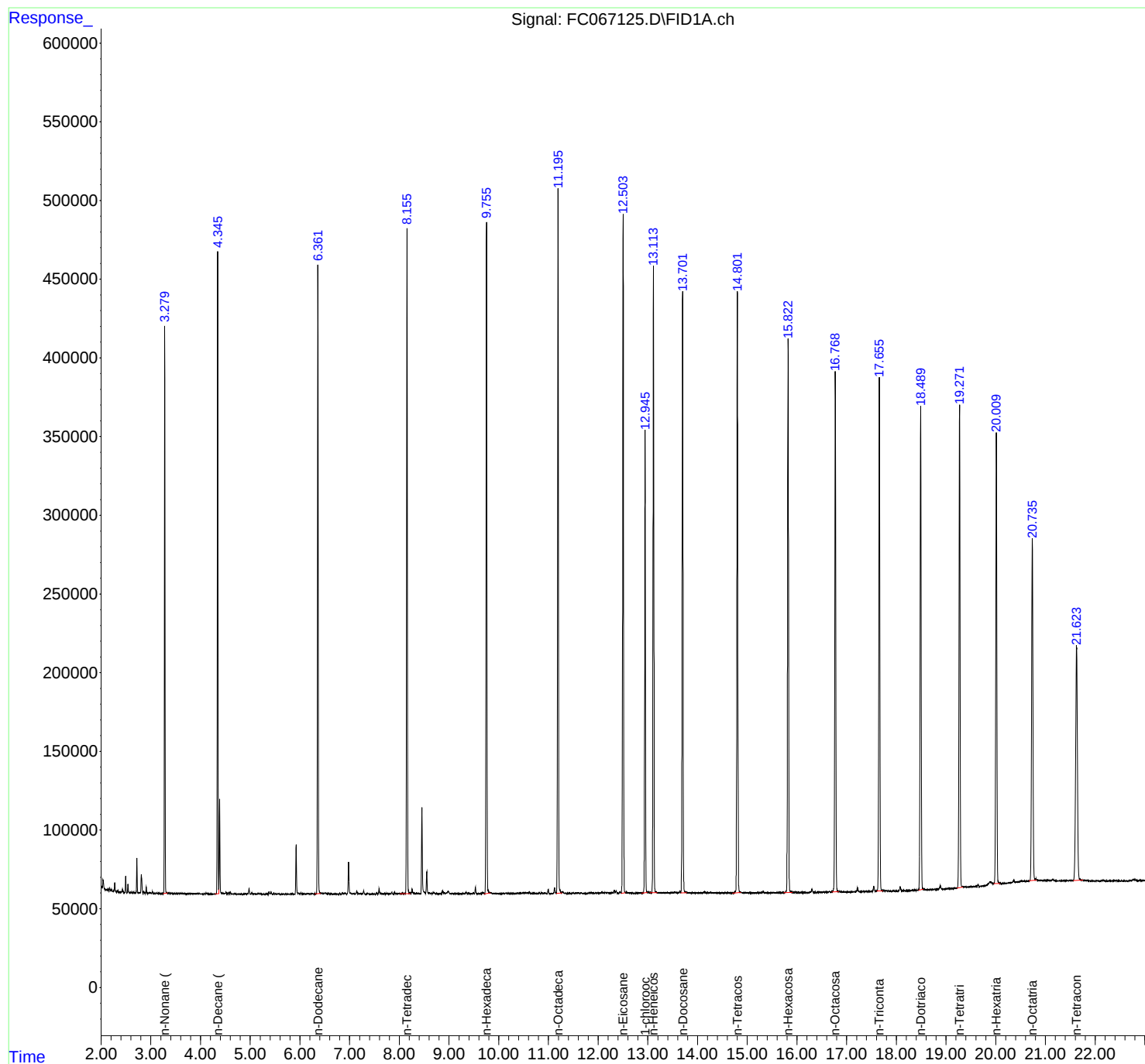
Instrument :
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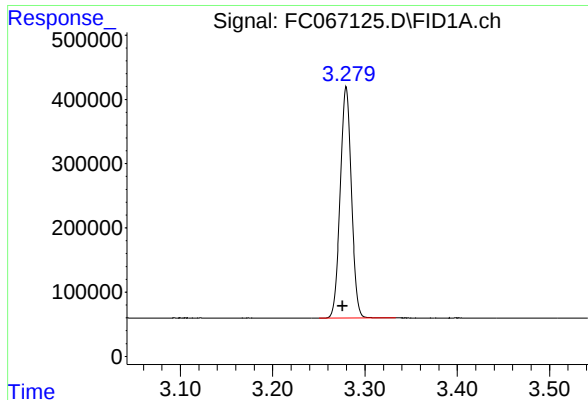
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Wed Sep 11 02:55:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.004 min
Response: 3036002
Conc: 22.89 ug/ml

Instrument :

FID_C

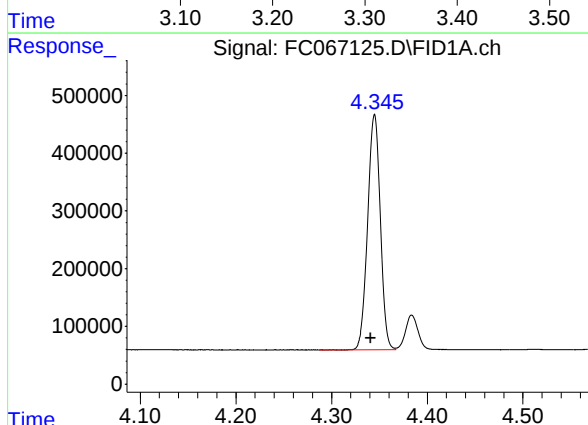
ClientSampleId :

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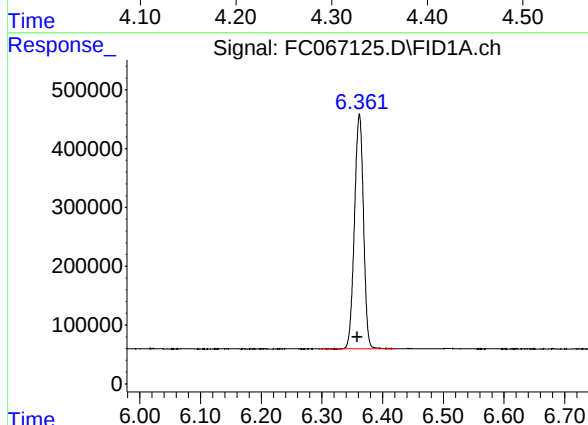
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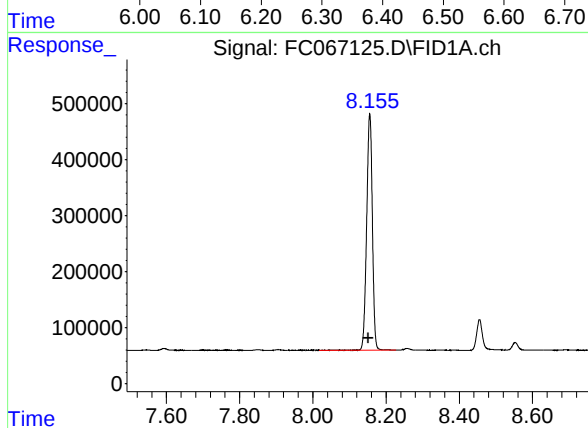
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.004 min
Response: 3740060
Conc: 27.85 ug/ml



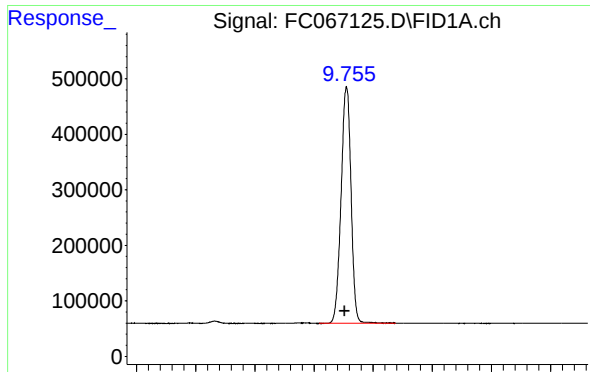
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.003 min
Response: 4122802
Conc: 30.80 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.003 min
Response: 4570248
Conc: 35.46 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 4981090
Conc: 38.64 ug/ml

Instrument :

FID_C

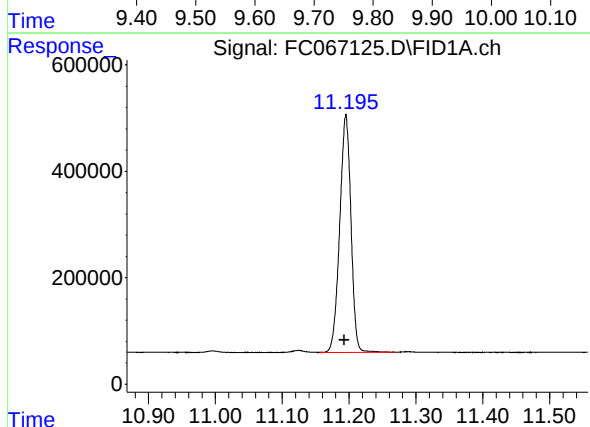
ClientSampleId :

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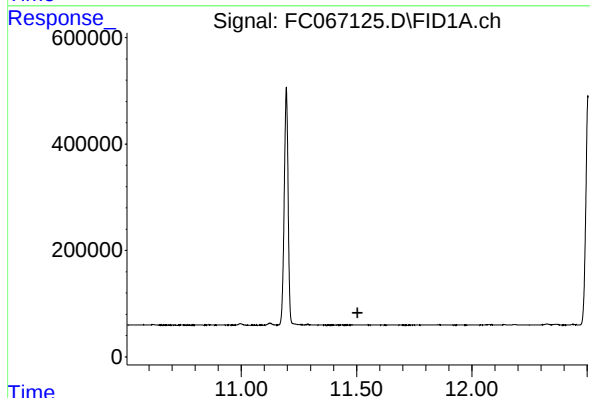
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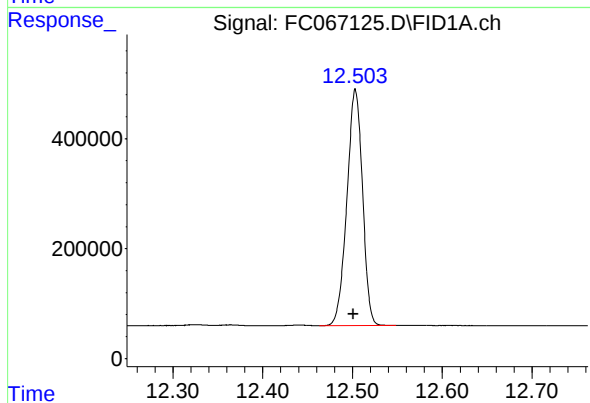
#8 n-Octadecane (C18)

R.T.: 11.195 min
Delta R.T.: 0.002 min
Response: 5208572
Conc: 40.71 ug/ml



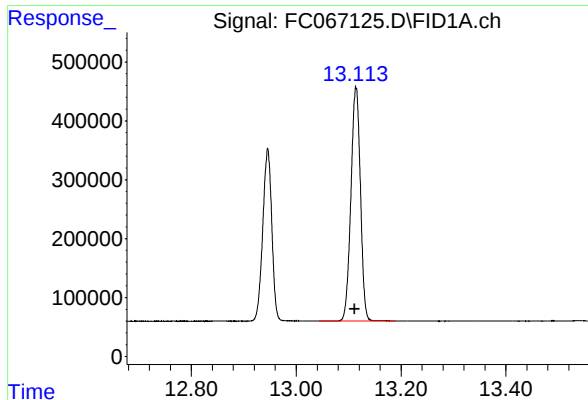
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.504 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 5195680
Conc: 43.26 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: 0.002 min
Response: 4991853
Conc: 42.74 ug/ml

Instrument :

FID_C

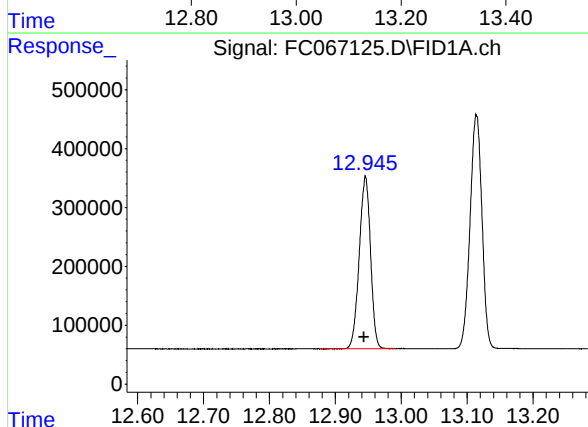
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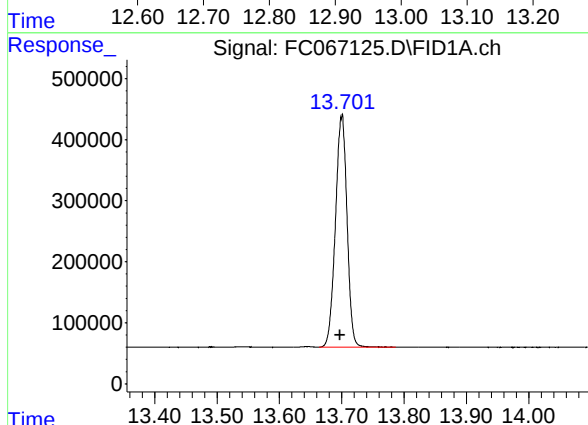
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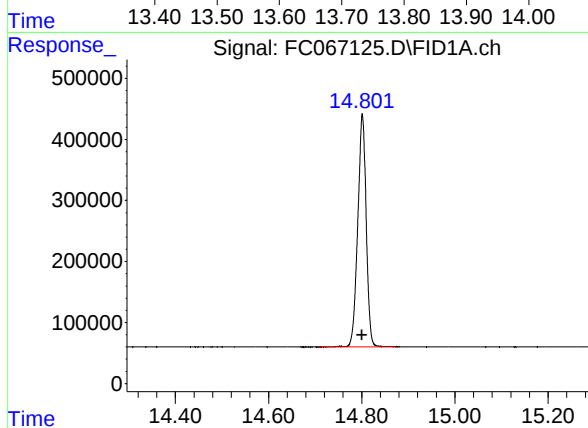
#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: 0.002 min
Response: 3475666
Conc: 35.58 ug/ml



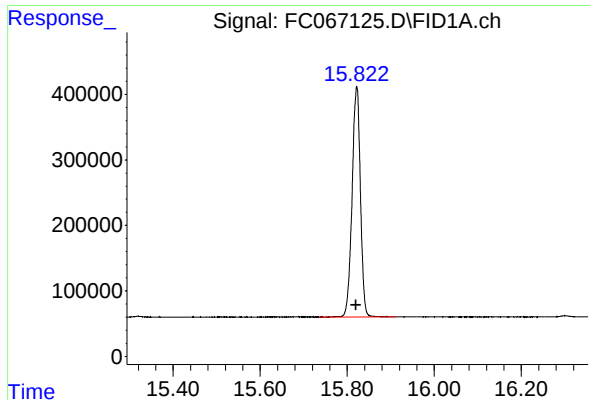
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 4918396
Conc: 42.60 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 4788078
Conc: 42.16 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.001 min
Response: 4671011
Conc: 42.15 ug/ml

Instrument :

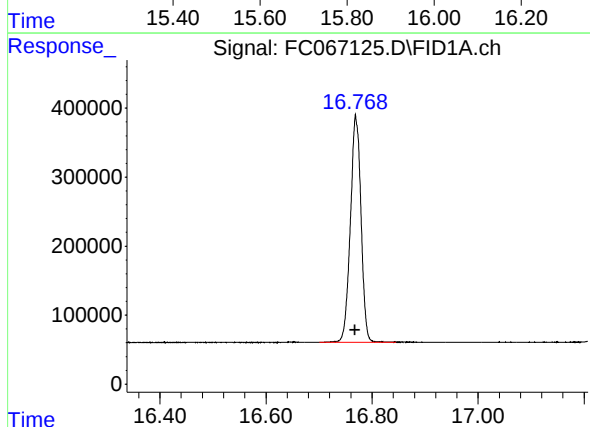
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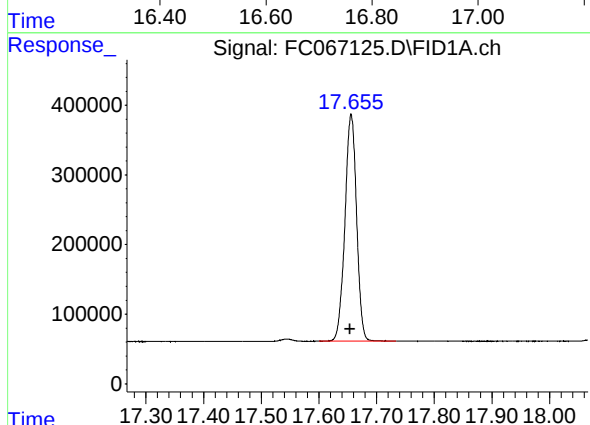
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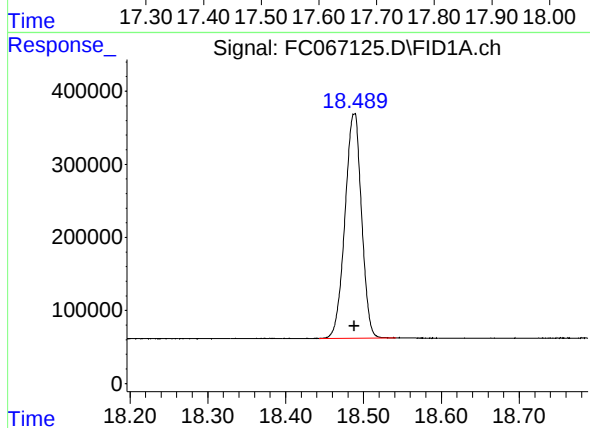
#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: 0.002 min
Response: 4566376
Conc: 42.27 ug/ml



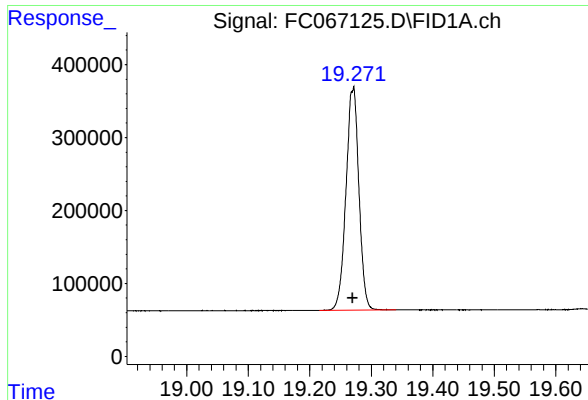
#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.002 min
Response: 4579123
Conc: 42.10 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.001 min
Response: 4547742
Conc: 43.60 ug/ml m



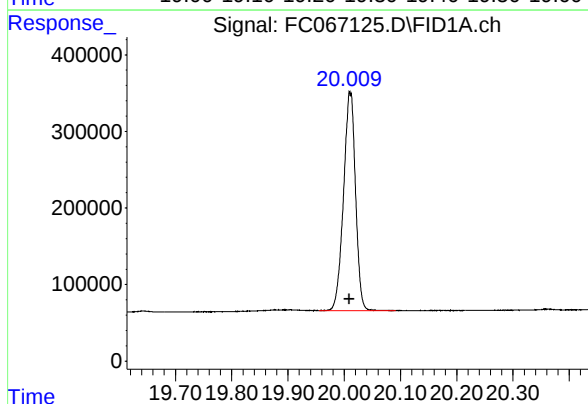
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: 0.000 min
Response: 4462653
Conc: 48.37 ug/ml

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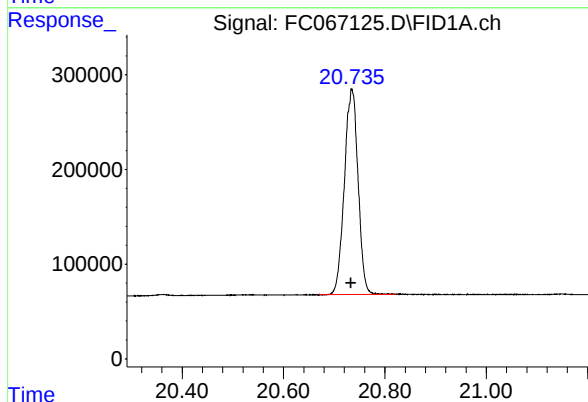
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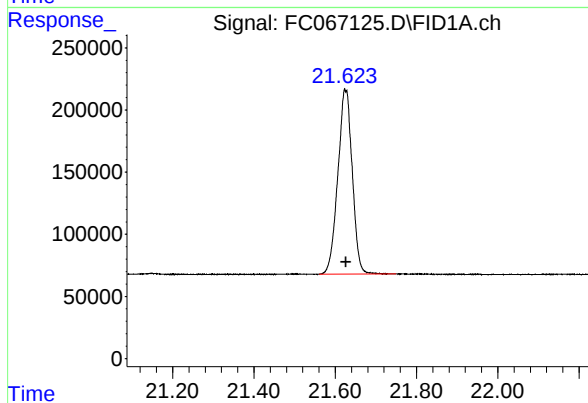
#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.002 min
Response: 4225464
Conc: 53.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.002 min
Response: 4077666
Conc: 54.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.001 min
Response: 3652127
Conc: 52.27 ug/ml