

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121224AL\
 Data File : FC067999.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2024 17:29
 Operator : YP/AJ
 Sample : PB165607BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165607BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e
 Quant Time: Dec 13 00:30:06 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			
12) S 1-chlorooctadecane (S...	12.910	6400049	50.159 ug/ml
Spiked Amount 50.000		Recovery =	100.32%
Target Compounds			
1) T n-Nonane (C9)	3.250	3310107	21.305 ug/ml
2) T n-Decane (C10)	4.312	4404376	27.783 ug/ml
4) T n-Dodecane (C12)	6.327	5593211	34.737 ug/ml
6) T n-Tetradecane (C14)	8.121	6353669	39.961 ug/ml
7) T n-Hexadecane (C16)	9.719	6791932	42.041 ug/ml
8) T n-Octadecane (C18)	11.160	7238504	45.088 ug/ml
10) T n-Eicosane (C20)	12.467	7312235	48.609 ug/ml
11) T n-Heneicosane (C21)	13.079	6968453	47.691 ug/ml
13) T n-Docosane (C22)	13.663	6887001	48.112 ug/ml
14) T n-Tetracosane (C24)	14.764	6639196	47.782 ug/ml
15) T n-Hexacosane (C26)	15.784	6423310	48.032 ug/ml
16) T n-Octacosane (C28)	16.732	6241585	48.119 ug/ml
17) T n-Tricontane (C30)	17.618	6210608	47.942 ug/ml
18) T n-Dotriacontane (C32)	18.449	6117784	49.382 ug/ml
19) T n-Tetratriacontane (C34)	19.232	6050374	55.433 ug/mlm
20) T n-Hexatriacontane (C36)	19.970	5933469	62.716 ug/ml
21) T n-Octatriacontane (C38)	20.690	5969340	65.987 ug/mlm
22) T n-Tetracontane (C40)	21.567	5935762	67.346 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB165607BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

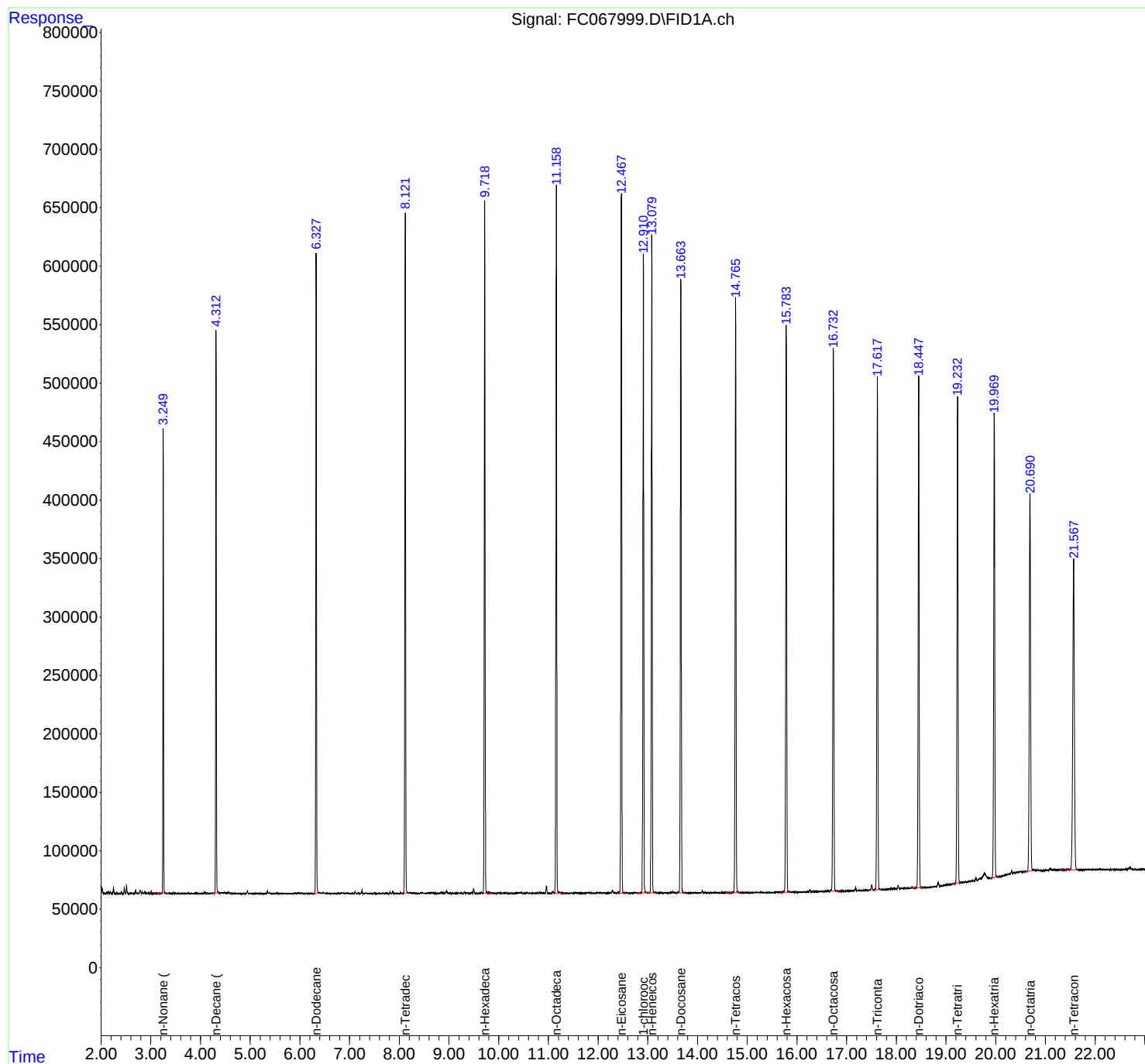
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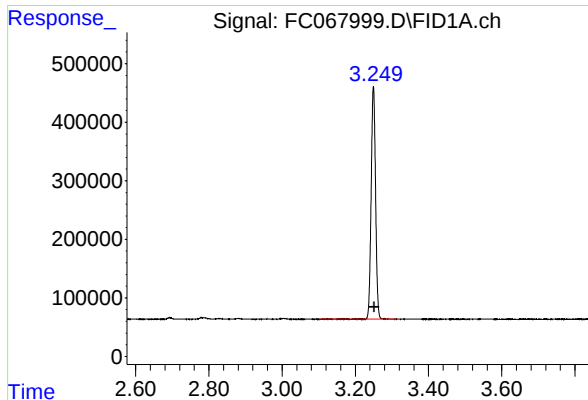
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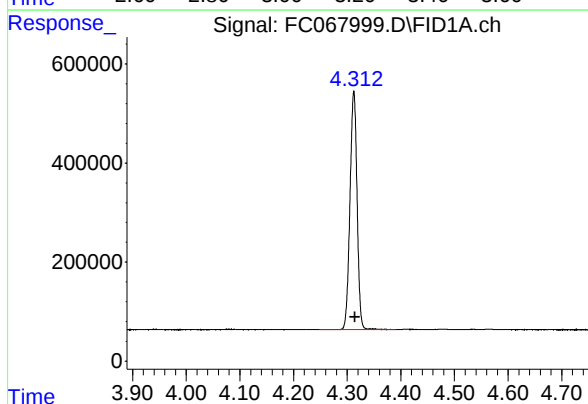
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.002 min
Response: 3310107
Conc: 21.31 ug/ml

Instrument :
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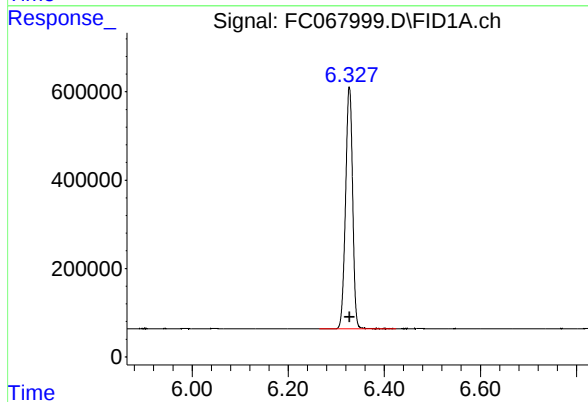
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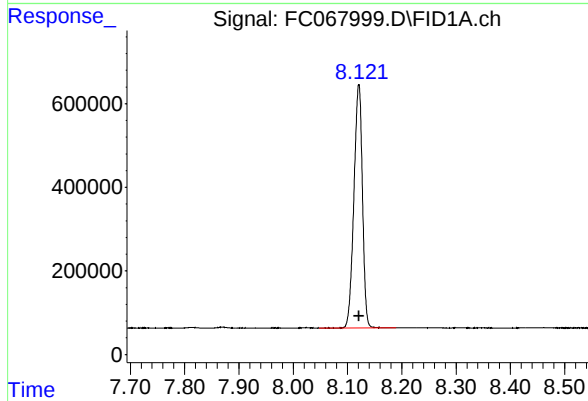
#2 n-Decane (C10)

R.T.: 4.312 min
Delta R.T.: -0.002 min
Response: 4404376
Conc: 27.78 ug/ml



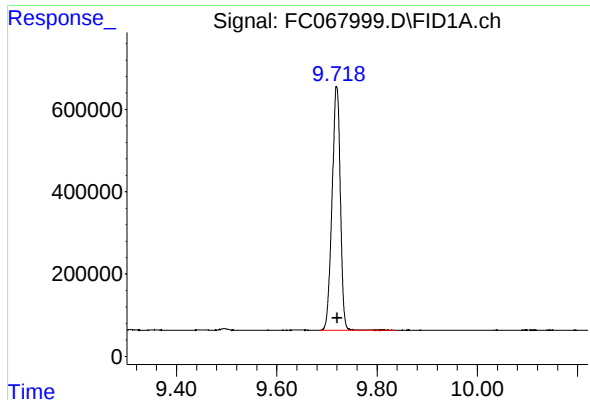
#4 n-Dodecane (C12)

R.T.: 6.327 min
Delta R.T.: -0.001 min
Response: 5593211
Conc: 34.74 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.121 min
Delta R.T.: -0.001 min
Response: 6353669
Conc: 39.96 ug/ml



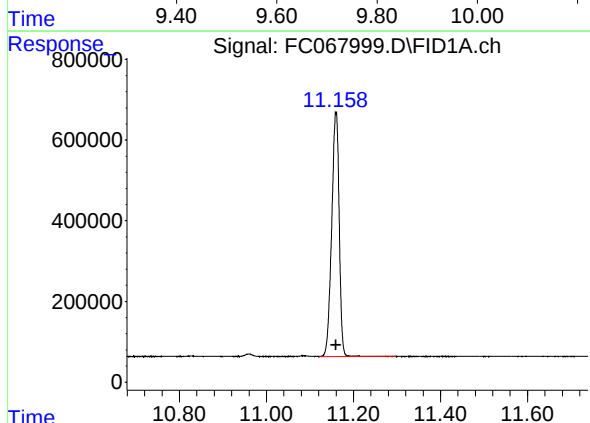
#7 n-Hexadecane (C16)

R.T.: 9.719 min
Delta R.T.: -0.001 min
Response: 6791932
Conc: 42.04 ug/ml

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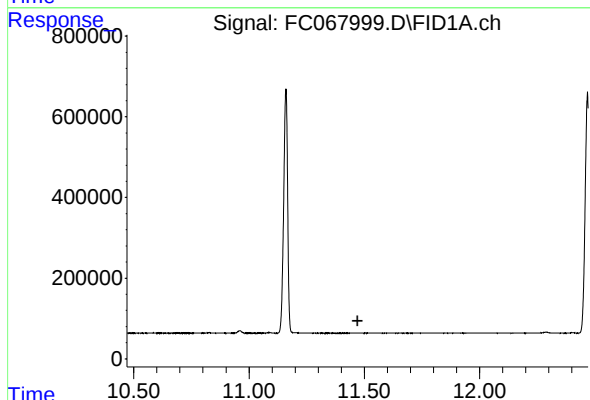
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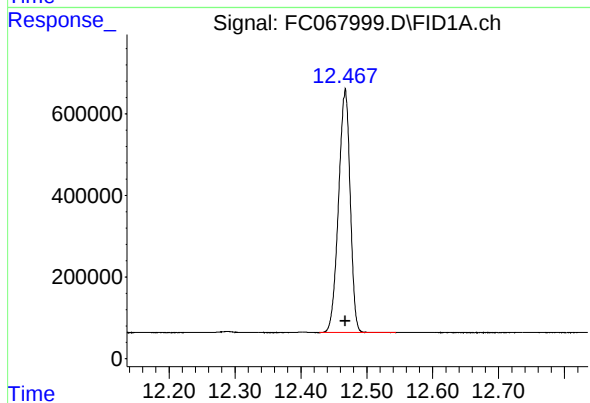
#8 n-Octadecane (C18)

R.T.: 11.160 min
Delta R.T.: 0.000 min
Response: 7238504
Conc: 45.09 ug/ml



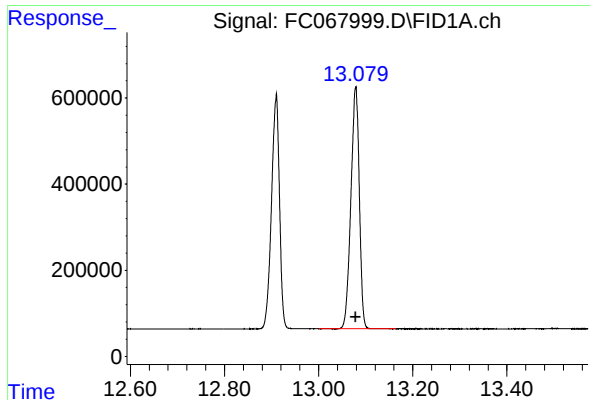
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.470 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 7312235
Conc: 48.61 ug/ml



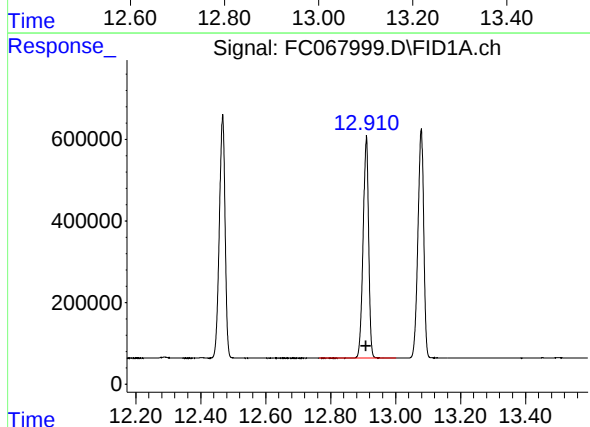
#11 n-Heneicosane (C21)

R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 6968453
Conc: 47.69 ug/ml

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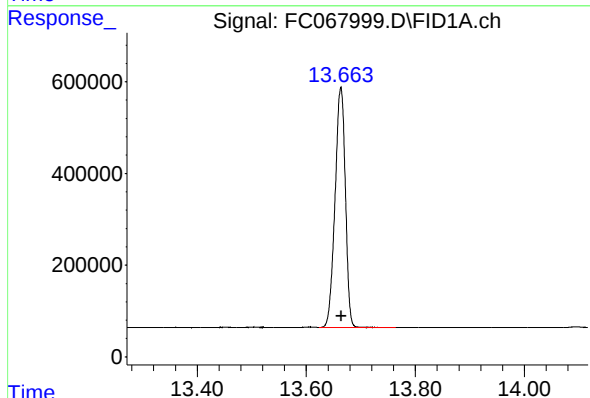
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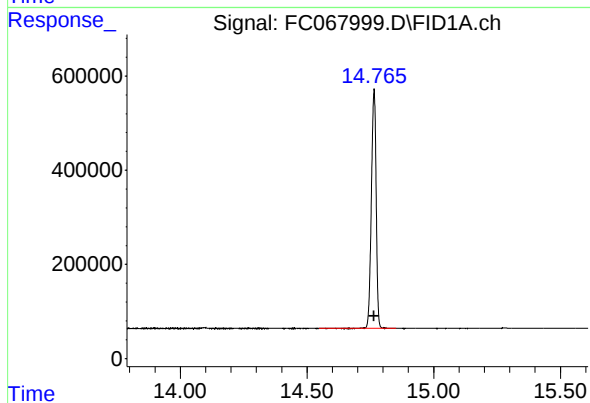
#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: 0.000 min
Response: 6400049
Conc: 50.16 ug/ml



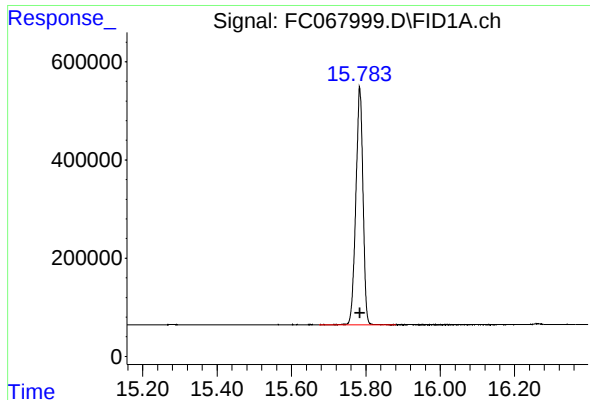
#13 n-Docosane (C22)

R.T.: 13.663 min
Delta R.T.: 0.000 min
Response: 6887001
Conc: 48.11 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.764 min
Delta R.T.: 0.000 min
Response: 6639196
Conc: 47.78 ug/ml



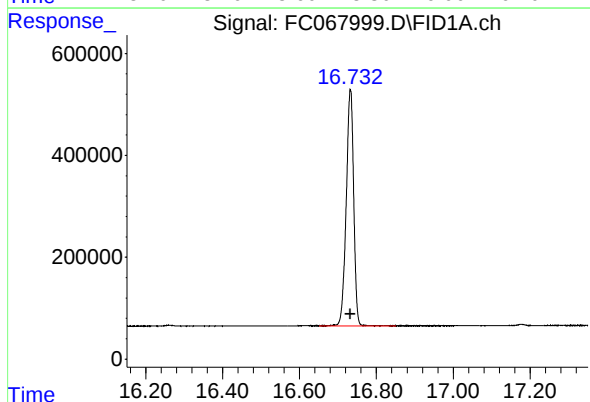
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.001 min
Response: 6423310
Conc: 48.03 ug/ml

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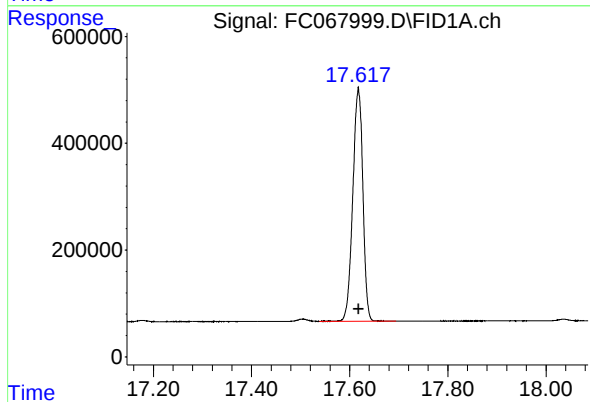
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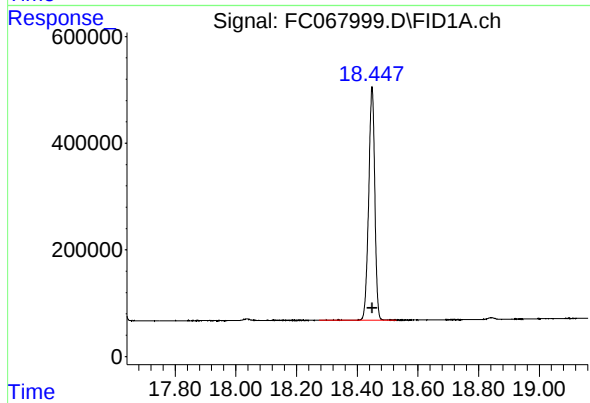
#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: 0.000 min
Response: 6241585
Conc: 48.12 ug/ml



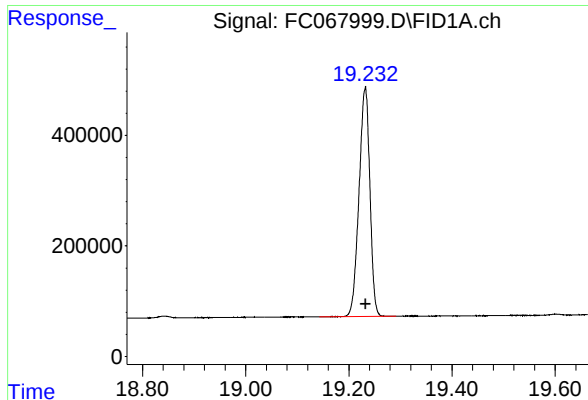
#17 n-Tricontane (C30)

R.T.: 17.618 min
Delta R.T.: -0.001 min
Response: 6210608
Conc: 47.94 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.449 min
Delta R.T.: 0.000 min
Response: 6117784
Conc: 49.38 ug/ml



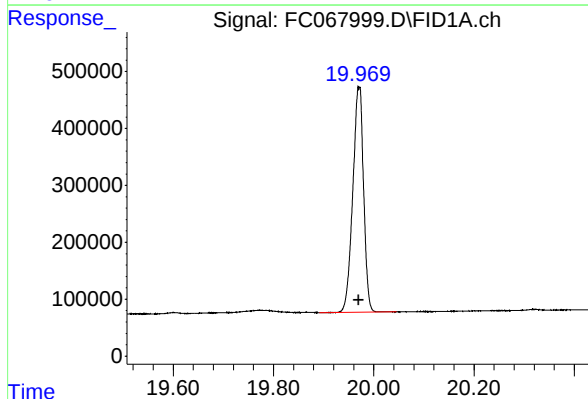
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: 0.000 min
Response: 6050374
Conc: 55.43 ug/ml

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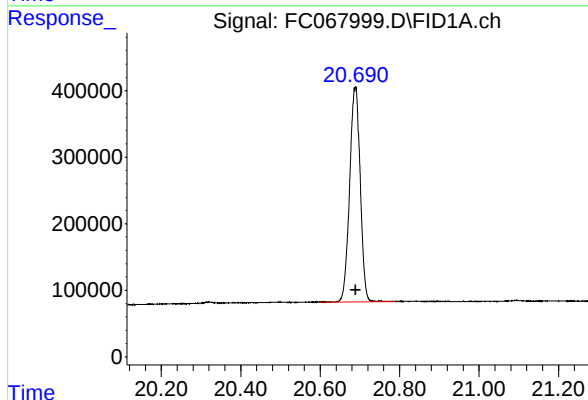
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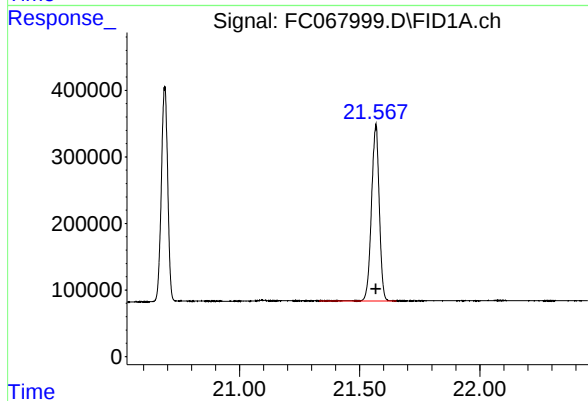
#20 n-Hexatriacontane (C36)

R.T.: 19.970 min
Delta R.T.: 0.000 min
Response: 5933469
Conc: 62.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: 0.000 min
Response: 5969340
Conc: 65.99 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.567 min
Delta R.T.: 0.000 min
Response: 5935762
Conc: 67.35 ug/ml