

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121224AL\
 Data File : FC067998.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2024 16:53
 Operator : YP/AJ
 Sample : PB165607BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165607BS

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 00:29:34 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...	12.909	5937757	46.536 ug/ml
Spiked Amount 50.000		Recovery =	93.07%
Target Compounds			
1) T n-Nonane (C9)	3.249	3359132	21.621 ug/ml
2) T n-Decane (C10)	4.312	4461206	28.142 ug/ml
4) T n-Dodecane (C12)	6.327	5655714	35.125 ug/ml
6) T n-Tetradecane (C14)	8.120	6436246	40.480 ug/ml
7) T n-Hexadecane (C16)	9.719	6843082	42.358 ug/ml
8) T n-Octadecane (C18)	11.159	7247455	45.143 ug/ml
10) T n-Eicosane (C20)	12.467	7286125	48.436 ug/ml
11) T n-Heneicosane (C21)	13.079	6931605	47.439 ug/ml
13) T n-Docosane (C22)	13.663	6834852	47.747 ug/ml
14) T n-Tetracosane (C24)	14.764	6596746	47.476 ug/ml
15) T n-Hexacosane (C26)	15.784	6362892	47.580 ug/ml
16) T n-Octacosane (C28)	16.732	6163340	47.516 ug/ml
17) T n-Tricontane (C30)	17.618	6129749	47.318 ug/ml
18) T n-Dotriacontane (C32)	18.450	6030023	48.674 ug/ml
19) T n-Tetratriacontane (C34)	19.234	5984641	54.830 ug/mlm
20) T n-Hexatriacontane (C36)	19.971	5854288	61.879 ug/ml
21) T n-Octatriacontane (C38)	20.690	5927774	65.528 ug/ml
22) T n-Tetracontane (C40)	21.568	5895812	66.892 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

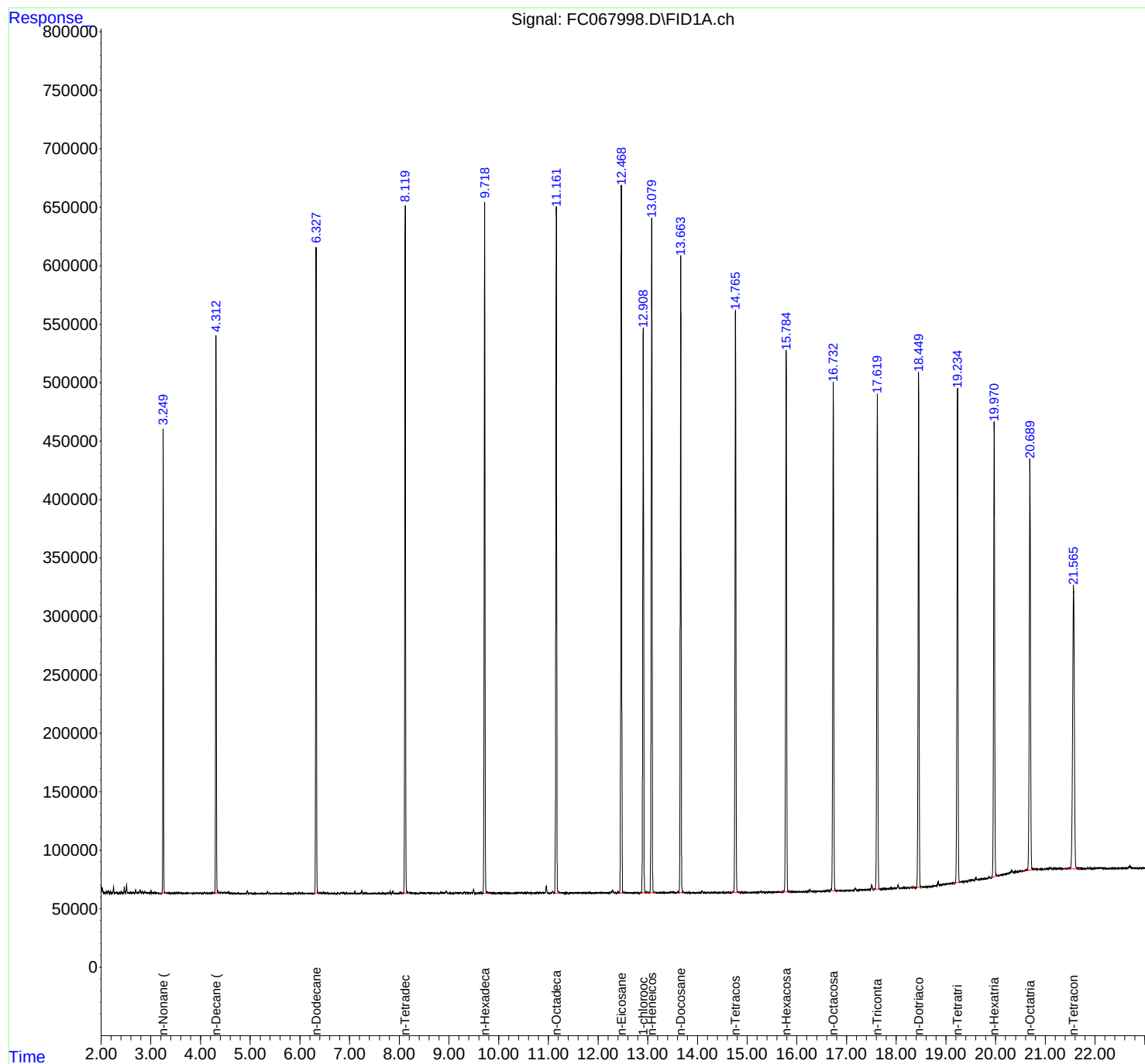
Response via : Initial Calibration

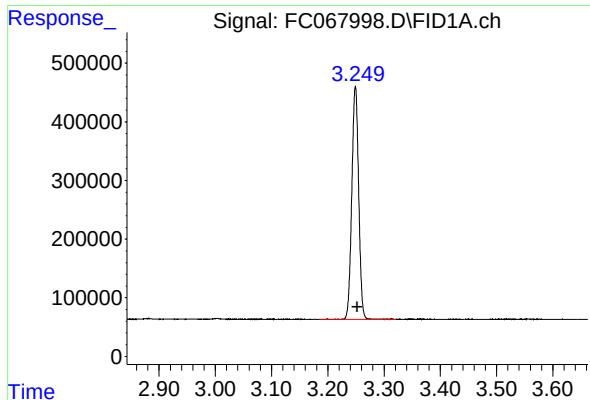
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 3359132
Conc: 21.62 ug/ml

Instrument :

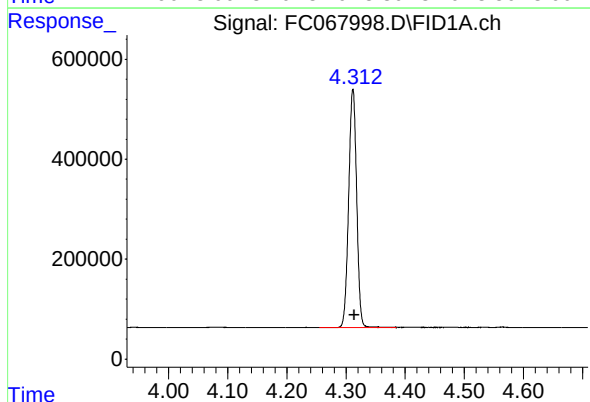
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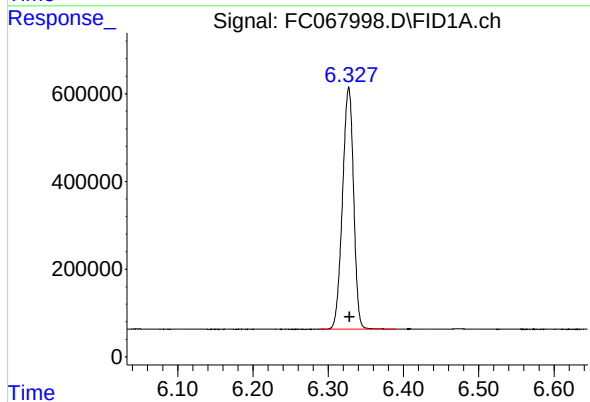
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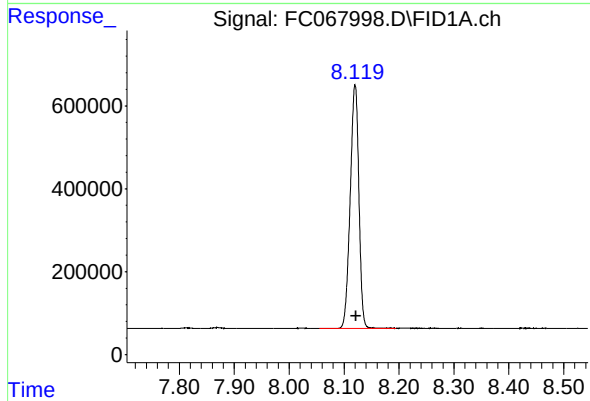
#2 n-Decane (C10)

R.T.: 4.312 min
Delta R.T.: -0.003 min
Response: 4461206
Conc: 28.14 ug/ml



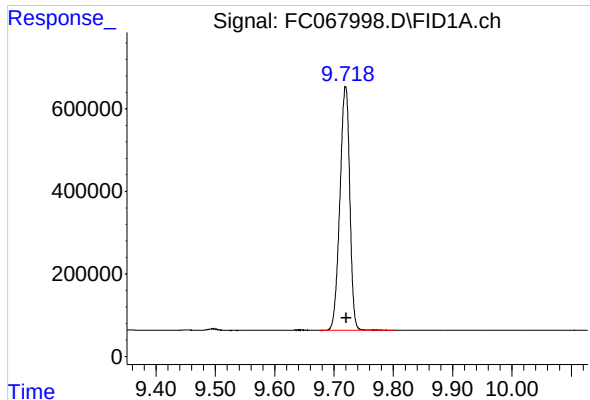
#4 n-Dodecane (C12)

R.T.: 6.327 min
Delta R.T.: -0.001 min
Response: 5655714
Conc: 35.13 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.120 min
Delta R.T.: -0.002 min
Response: 6436246
Conc: 40.48 ug/ml



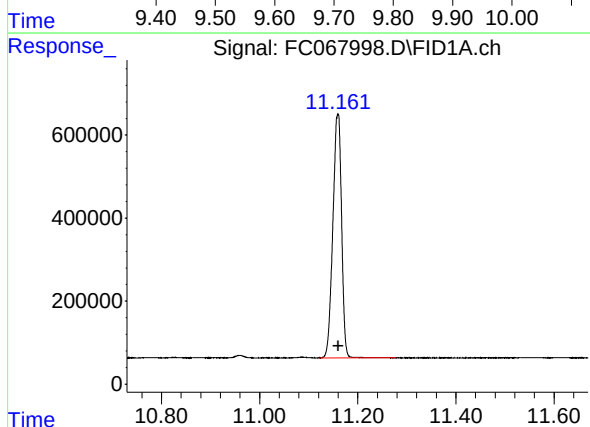
#7 n-Hexadecane (C16)

R.T.: 9.719 min
Delta R.T.: -0.001 min
Response: 6843082
Conc: 42.36 ug/ml

Instrument :
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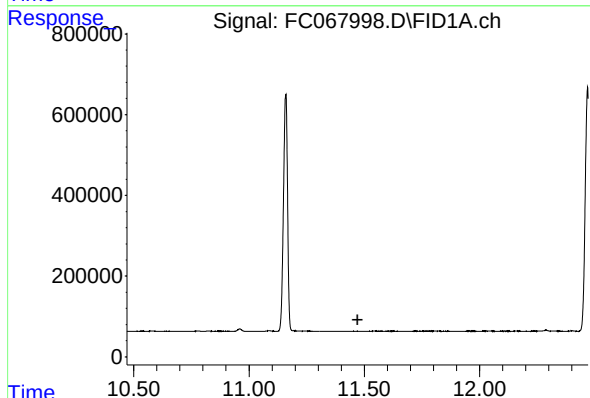
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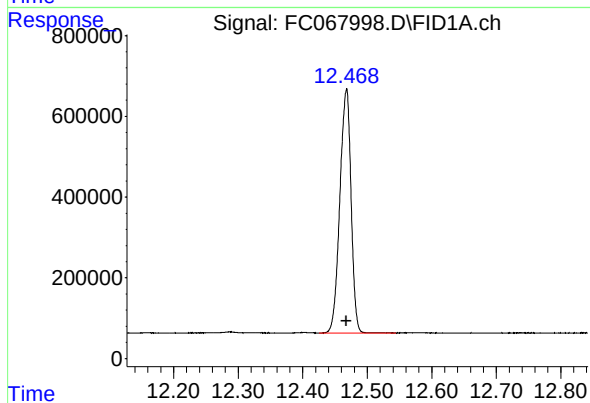
#8 n-Octadecane (C18)

R.T.: 11.159 min
Delta R.T.: -0.001 min
Response: 7247455
Conc: 45.14 ug/ml



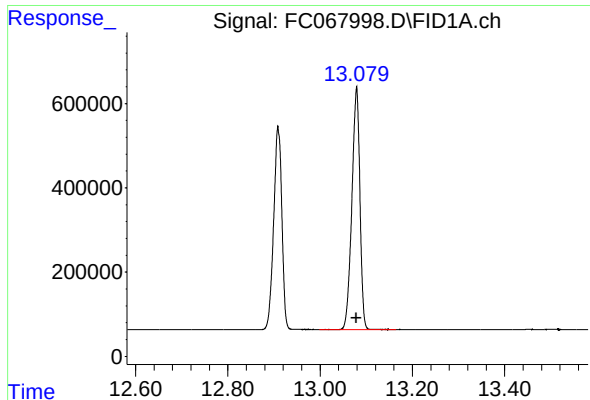
#9 ortho-Terphenyl (SURR)

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: 7286125
Conc: 48.44 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 6931605
Conc: 47.44 ug/ml

Instrument :

FID_C

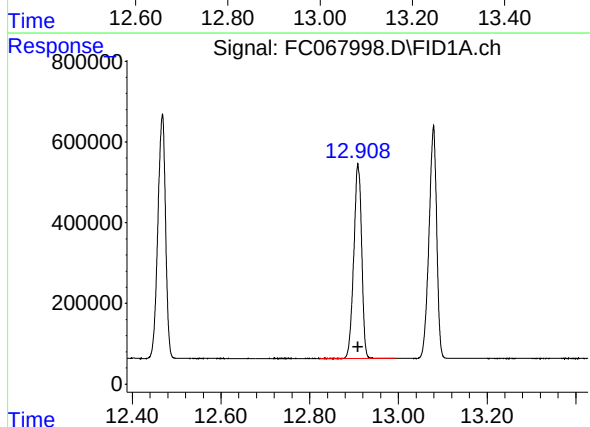
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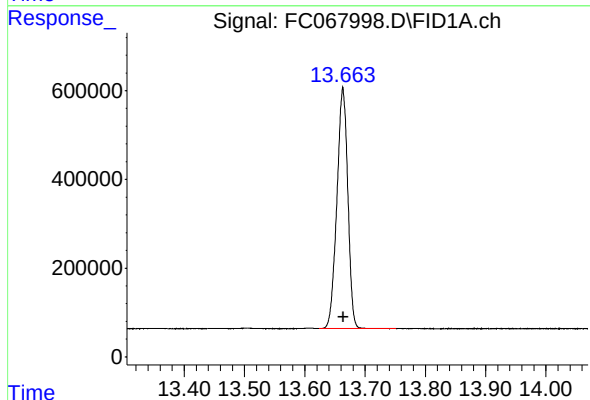
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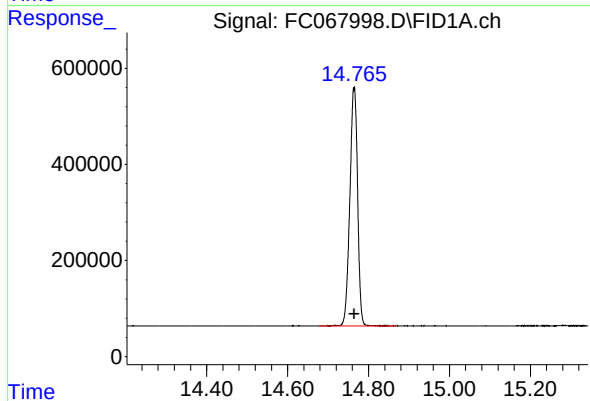
#12 1-chlorooctadecane (SURR)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 5937757
Conc: 46.54 ug/ml



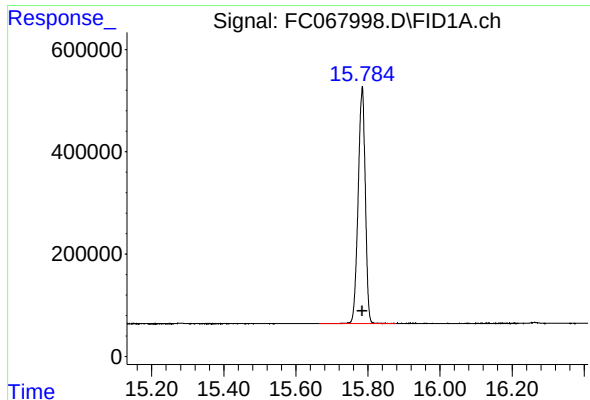
#13 n-Docosane (C22)

R.T.: 13.663 min
Delta R.T.: 0.000 min
Response: 6834852
Conc: 47.75 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.764 min
Delta R.T.: 0.000 min
Response: 6596746
Conc: 47.48 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.000 min
Response: 6362892
Conc: 47.58 ug/ml

Instrument :

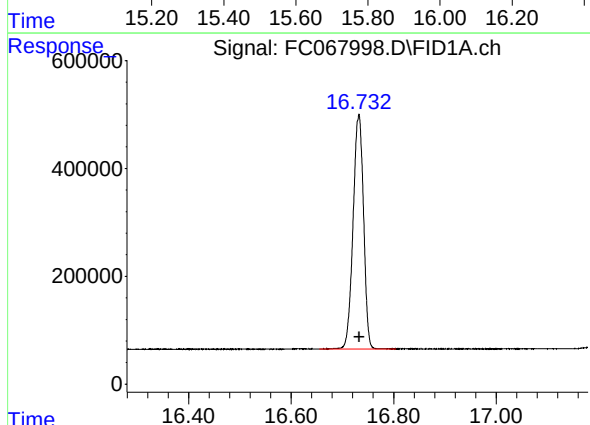
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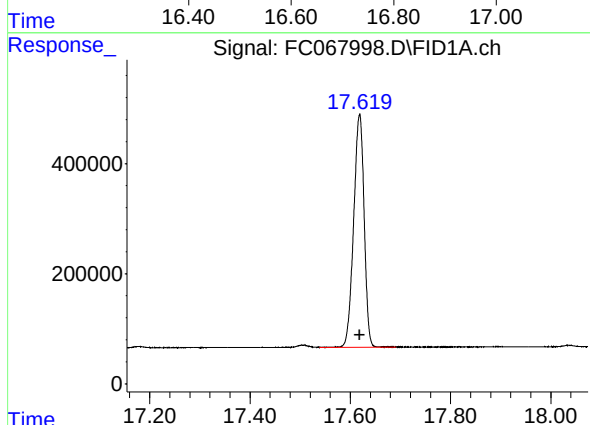
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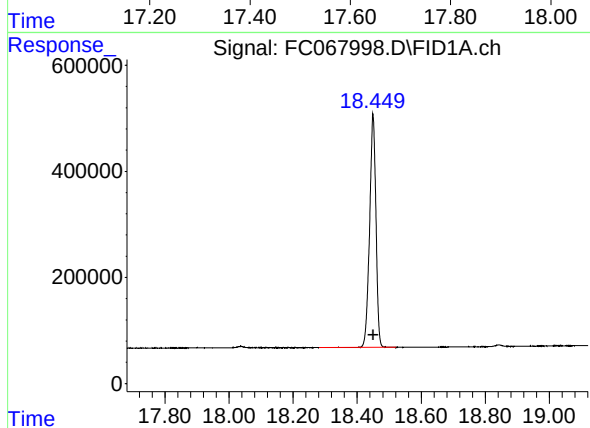
#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: -0.001 min
Response: 6163340
Conc: 47.52 ug/ml



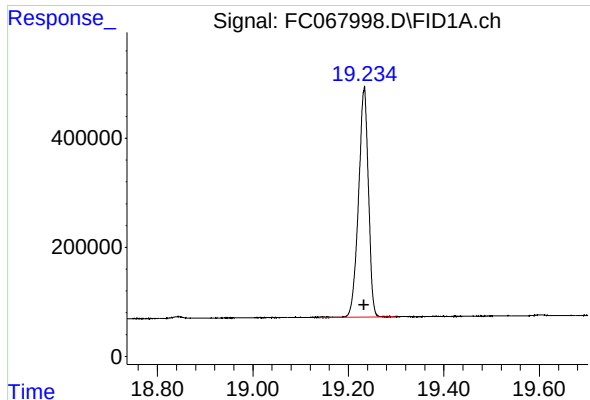
#17 n-Tricontane (C30)

R.T.: 17.618 min
Delta R.T.: 0.000 min
Response: 6129749
Conc: 47.32 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.000 min
Response: 6030023
Conc: 48.67 ug/ml



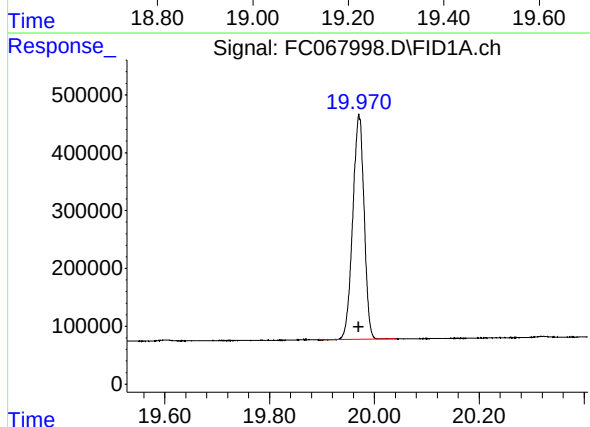
#19 n-Tetratriacontane (C34)

R.T.: 19.234 min
Delta R.T.: 0.001 min
Response: 5984641
Conc: 54.83 ug/ml

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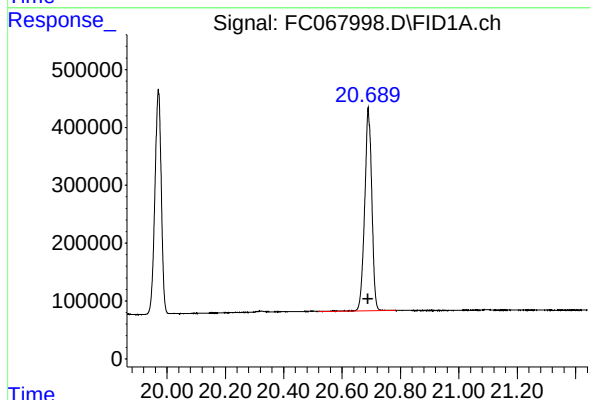
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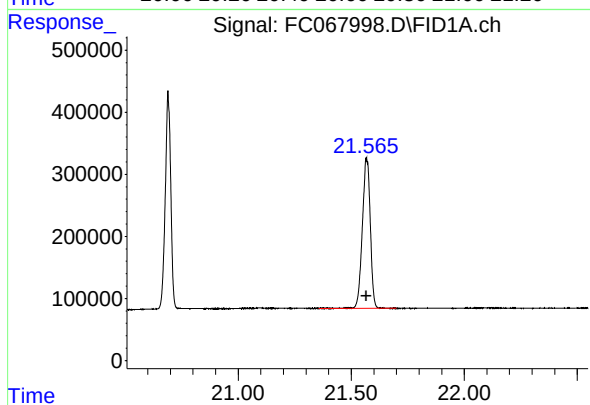
#20 n-Hexatriacontane (C36)

R.T.: 19.971 min
Delta R.T.: 0.000 min
Response: 5854288
Conc: 61.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.690 min
Delta R.T.: 0.000 min
Response: 5927774
Conc: 65.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: 0.000 min
Response: 5895812
Conc: 66.89 ug/ml