

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091624AL\
 Data File : FC067135.D
 Signal(s) : FID1A.ch
 Acq On : 16 Sep 2024 11:38
 Operator : YP/AJ
 Sample : PB163404BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163404BS

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 04:13:32 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)	11.507	5843695	41.967 ug/ml
Spiked Amount 50.000		Recovery =	83.93%
12) S 1-chlorooctadecane (S...	12.945	4418719	45.234 ug/ml
Spiked Amount 50.000		Recovery =	90.47%
Target Compounds			
1) T n-Nonane (C9)	3.289	5440586	41.016 ug/ml
2) T n-Decane (C10)	4.350	5745879	42.782 ug/ml
3) T A~Naphthalene (C11.7)	5.925	6057068	42.618 ug/ml
4) T n-Dodecane (C12)	6.363	5711279	42.667 ug/ml
5) T A~2-methylnaphthalene...	6.980	5431284	40.673 ug/ml
6) T n-Tetradecane (C14)	8.157	5881789	45.639 ug/ml
7) T n-Hexadecane (C16)	9.755	5839917	45.297 ug/ml
8) T n-Octadecane (C18)	11.195	5794041	45.286 ug/ml
10) T n-Eicosane (C20)	12.503	5740484	47.792 ug/ml
11) T n-Heneicosane (C21)	13.115	5479856	46.919 ug/ml
13) T n-Docosane (C22)	13.700	5380020	46.596 ug/ml
14) T n-Tetracosane (C24)	14.802	10087385	88.827 ug/mlm
15) T n-Hexacosane (C26)	15.821	5155731	46.520 ug/ml
16) T n-Octacosane (C28)	16.769	4948023	45.807 ug/ml
17) T n-Tricontane (C30)	17.657	5043972	46.371 ug/ml
18) T n-Dotriacontane (C32)	18.487	4798042	46.000 ug/ml
19) T n-Tetratriacontane (C34)	19.269	4660983	50.521 ug/ml
20) T n-Hexatriacontane (C36)	20.007	4309226	54.377 ug/ml
21) T n-Octatriacontane (C38)	20.733	3930223	52.322 ug/ml
22) T n-Tetracontane (C40)	21.621	3193163	45.705 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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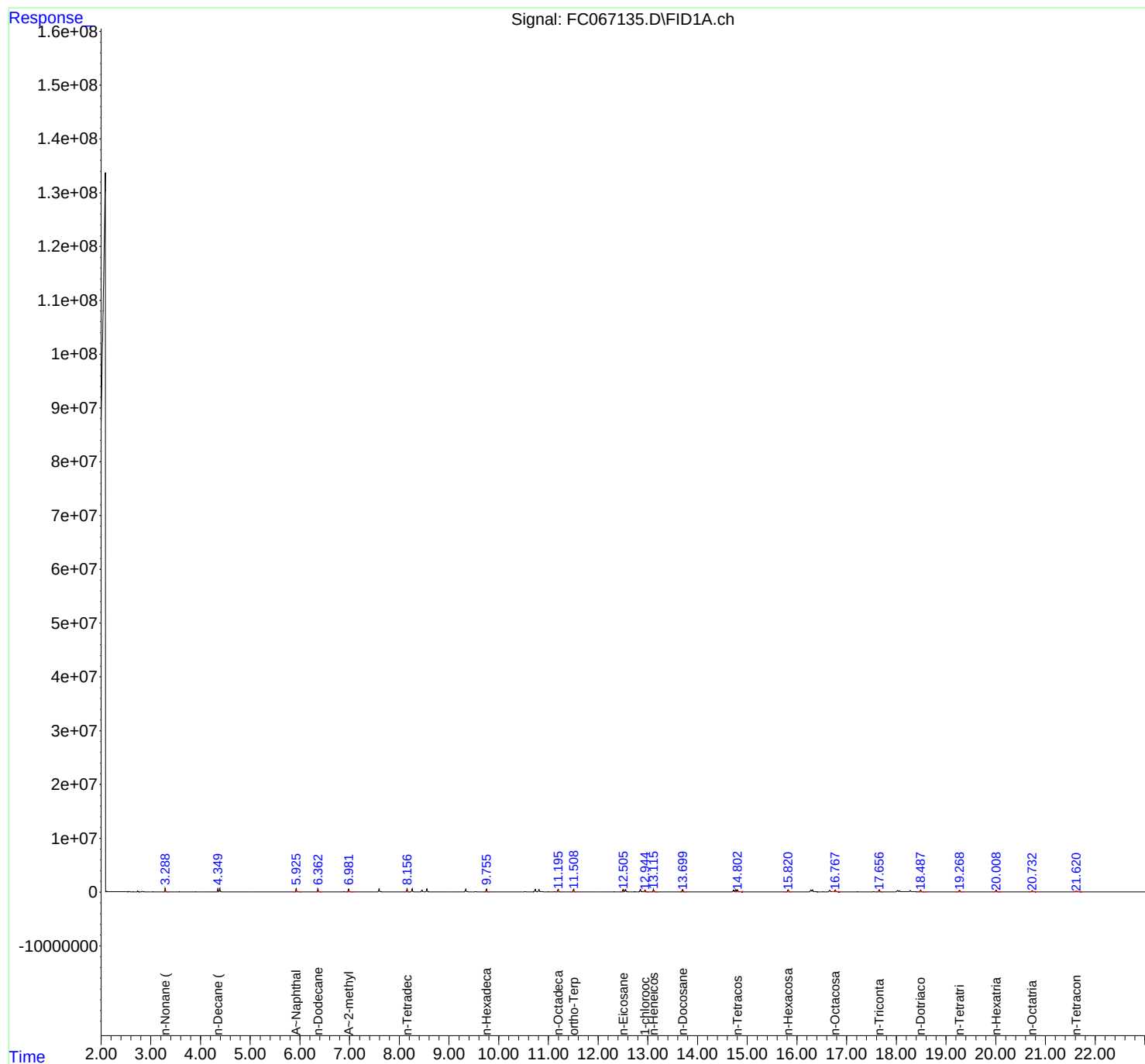
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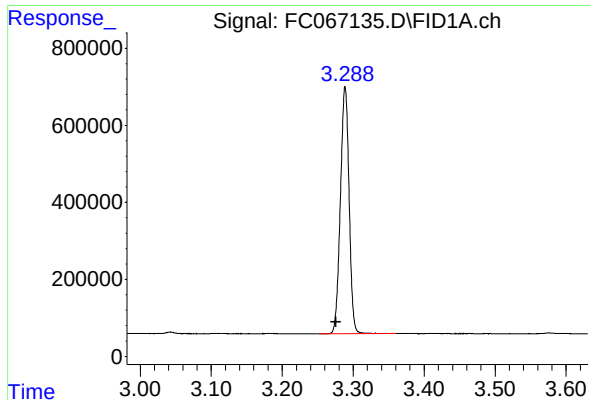
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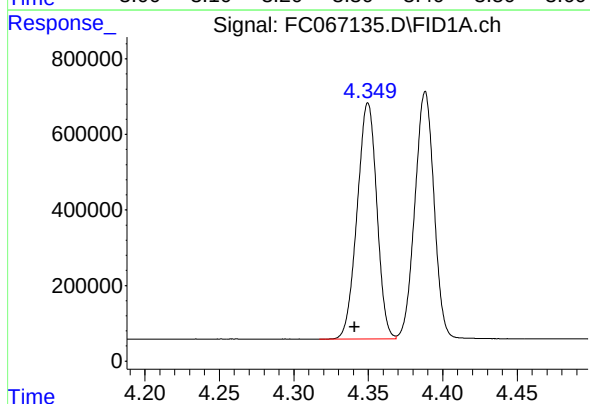
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.013 min
Response: 5440586
Conc: 41.02 ug/ml

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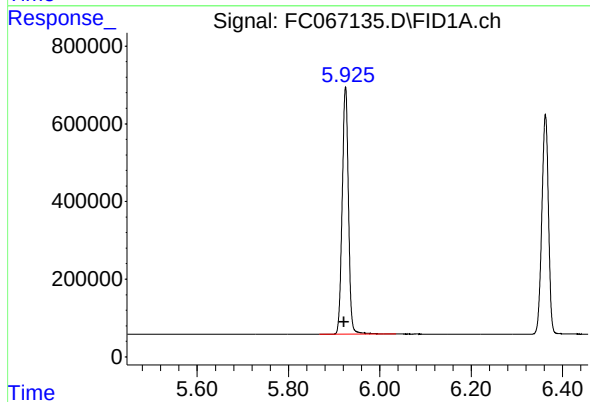
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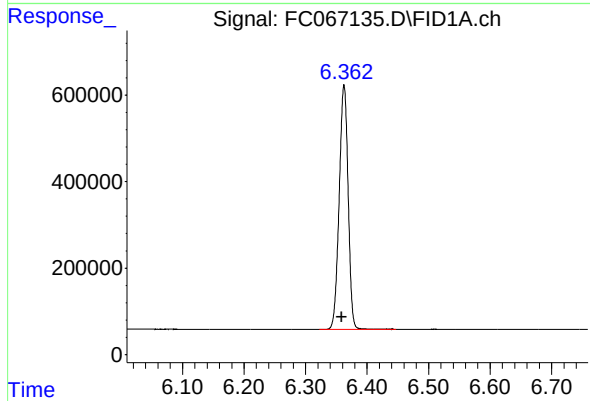
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.009 min
Response: 5745879
Conc: 42.78 ug/ml



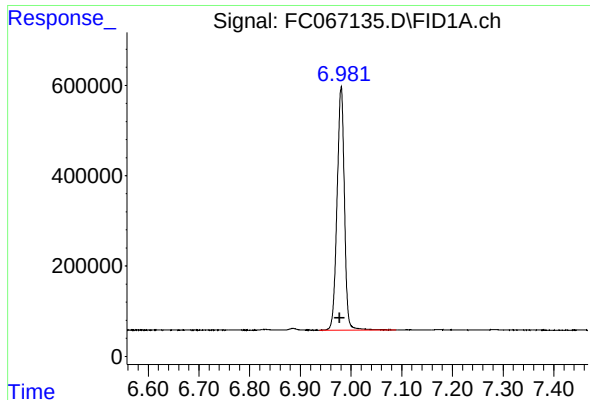
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 6057068
Conc: 42.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.363 min
Delta R.T.: 0.004 min
Response: 5711279
Conc: 42.67 ug/ml



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

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 5431284
Conc: 40.67 ug/ml

Instrument :

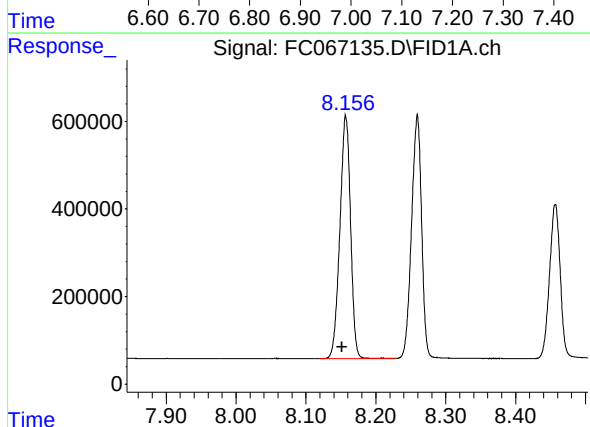
FID_C

ClientSampleId :

PB163404BS

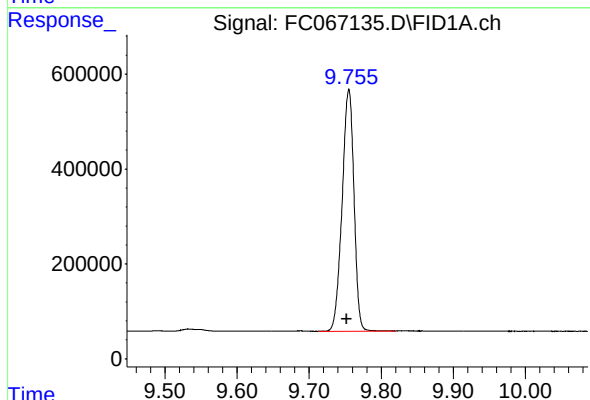
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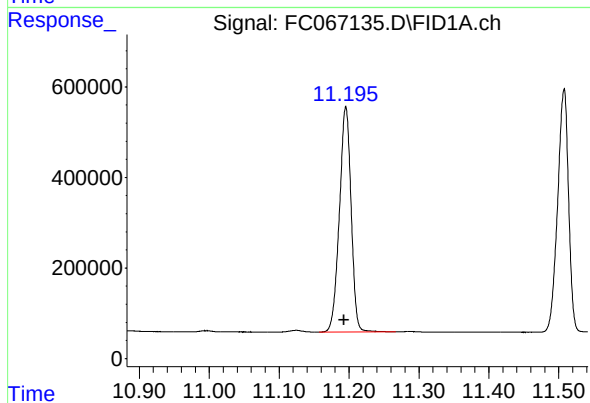
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.005 min
Response: 5881789
Conc: 45.64 ug/ml



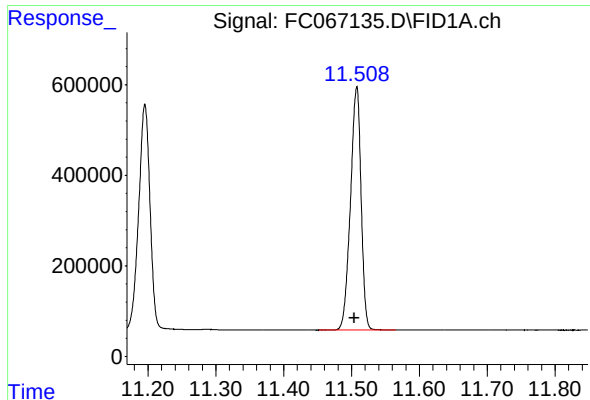
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 5839917
Conc: 45.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.195 min
Delta R.T.: 0.003 min
Response: 5794041
Conc: 45.29 ug/ml



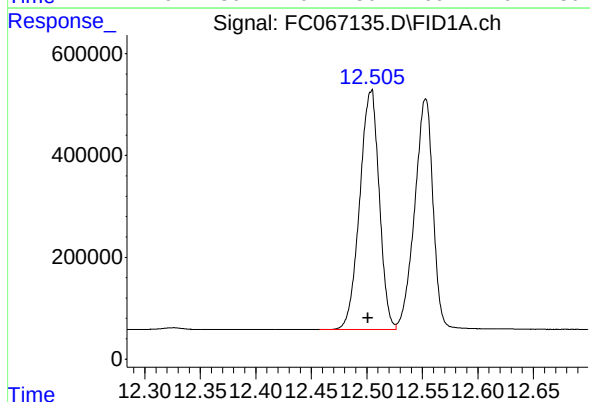
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: 0.003 min
Response: 5843695
Conc: 41.97 ug/ml

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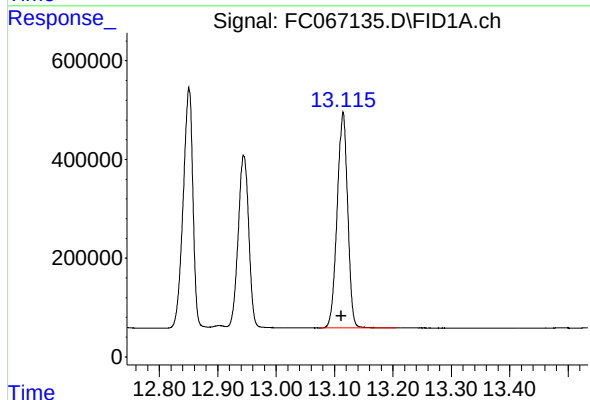
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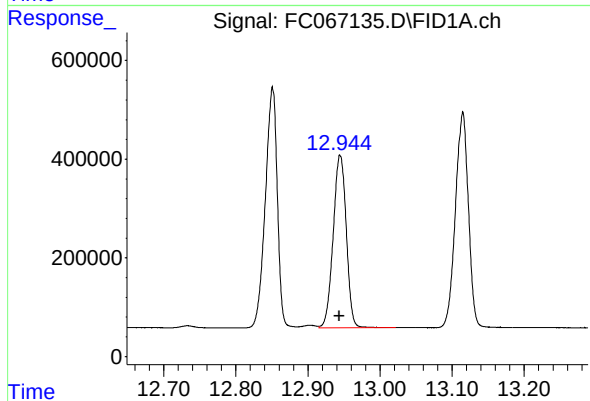
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 5740484
Conc: 47.79 ug/ml



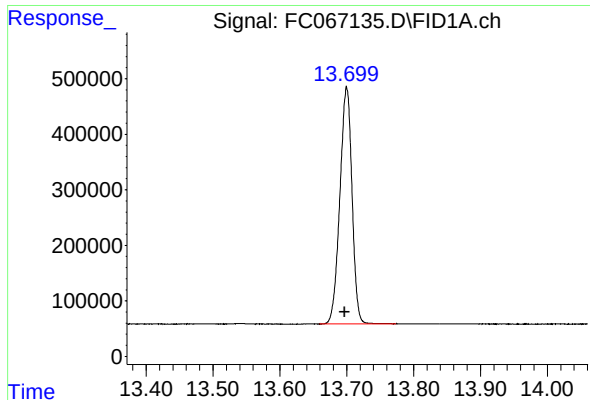
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.003 min
Response: 5479856
Conc: 46.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.945 min
Delta R.T.: 0.001 min
Response: 4418719
Conc: 45.23 ug/ml



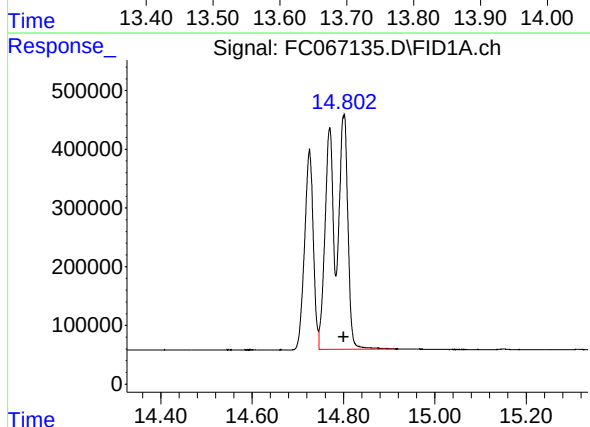
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 5380020
Conc: 46.60 ug/ml

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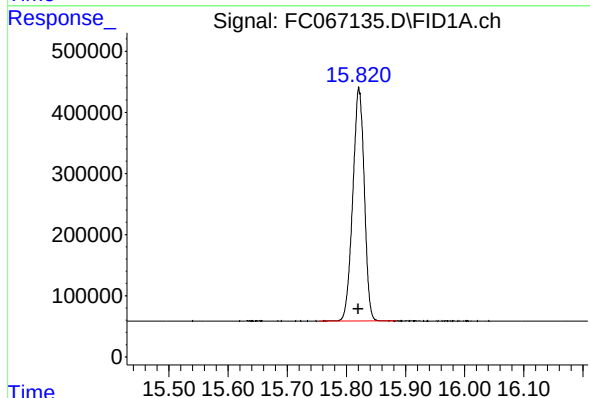
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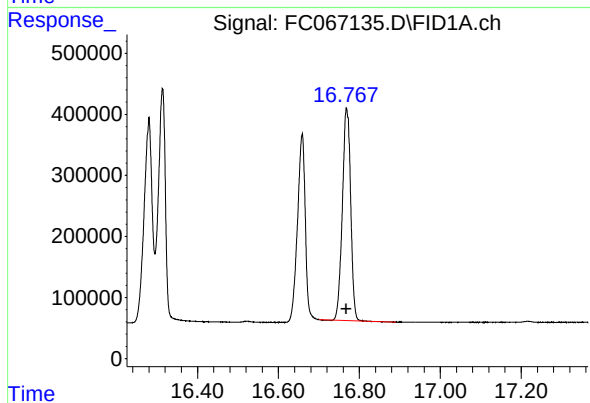
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.001 min
Response: 10087385
Conc: 88.83 ug/ml m



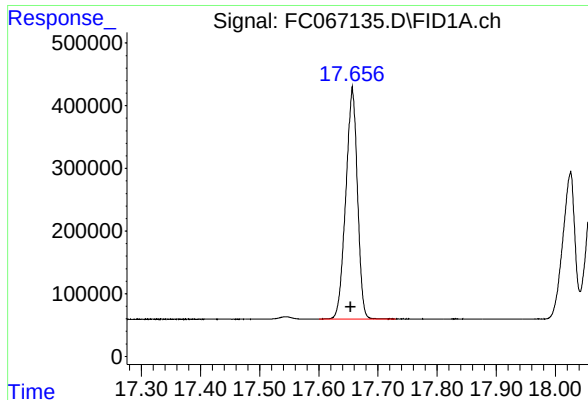
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.001 min
Response: 5155731
Conc: 46.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: 0.000 min
Response: 4948023
Conc: 45.81 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: 0.002 min
Response: 5043972
Conc: 46.37 ug/ml

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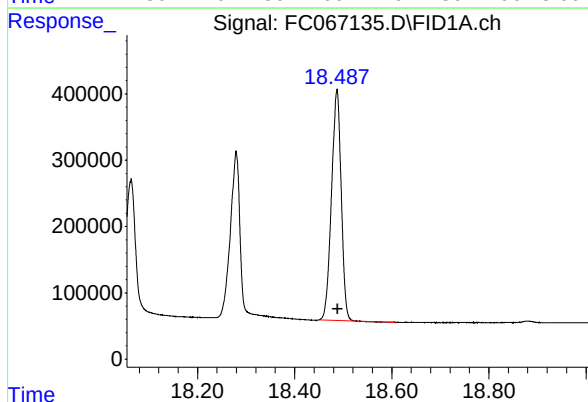
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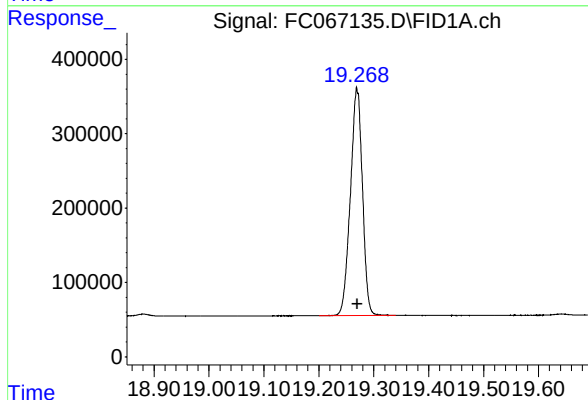
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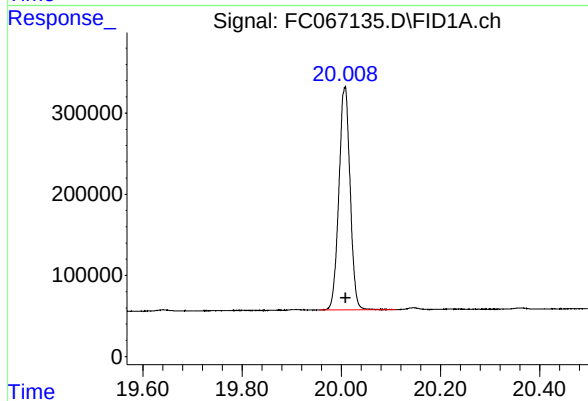
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.001 min
Response: 4798042
Conc: 46.00 ug/ml



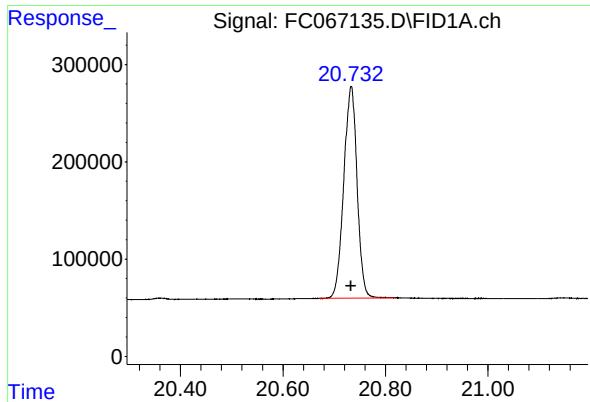
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min
Delta R.T.: 0.000 min
Response: 4660983
Conc: 50.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.002 min
Response: 4309226
Conc: 54.38 ug/ml



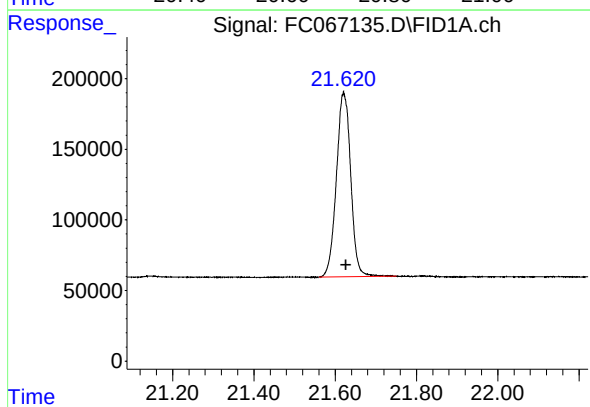
#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 3930223
Conc: 52.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.006 min
Response: 3193163
Conc: 45.70 ug/ml