

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100324AL\
 Data File : FC067325.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2024 15:44
 Operator : YP/AJ
 Sample : PB163812BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163812BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
 Quant Time: Oct 02 02:05:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.498	5532294	36.358 ug/ml
Spiked Amount 50.000		Recovery =	72.72%
12) S 1-chlorooctadecane (S...	12.936	4256773	37.606 ug/ml
Spiked Amount 50.000		Recovery =	75.21%
Target Compounds			
1) T n-Nonane (C9)	3.284	6152564	48.537 ug/ml
2) T n-Decane (C10)	4.344	6561861	51.048 ug/ml
3) T A~Naphthalene (C11.7)	5.918	7323778	51.628 ug/ml
4) T n-Dodecane (C12)	6.355	6727386	51.844 ug/ml
5) T A~2-methylnaphthalene...	6.972	6749955	49.202 ug/ml
6) T n-Tetradecane (C14)	8.150	7123970	55.311 ug/ml
7) T n-Hexadecane (C16)	9.748	7148263	53.699 ug/ml
8) T n-Octadecane (C18)	11.188	7187611	53.005 ug/ml
10) T n-Eicosane (C20)	12.497	7260976	55.610 ug/ml
11) T n-Heneicosane (C21)	13.107	6959672	54.264 ug/ml
13) T n-Docosane (C22)	13.692	6863318	53.751 ug/ml
14) T n-Tetracosane (C24)	14.764	14125424	110.448 ug/mlm
15) T n-Hexacosane (C26)	15.815	6803672	53.961 ug/ml
16) T n-Octacosane (C28)	16.762	6788134	54.033 ug/ml
17) T n-Tricontane (C30)	17.650	6738604	52.308 ug/ml
18) T n-Dotriacontane (C32)	18.479	6845633	54.797 ug/ml
19) T n-Tetratriacontane (C34)	19.262	6623840	60.615 ug/ml
20) T n-Hexatriacontane (C36)	20.001	6335949	67.035 ug/ml
21) T n-Octatriacontane (C38)	20.725	6240911	71.162 ug/ml
22) T n-Tetracontane (C40)	21.613	6276022	72.936 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

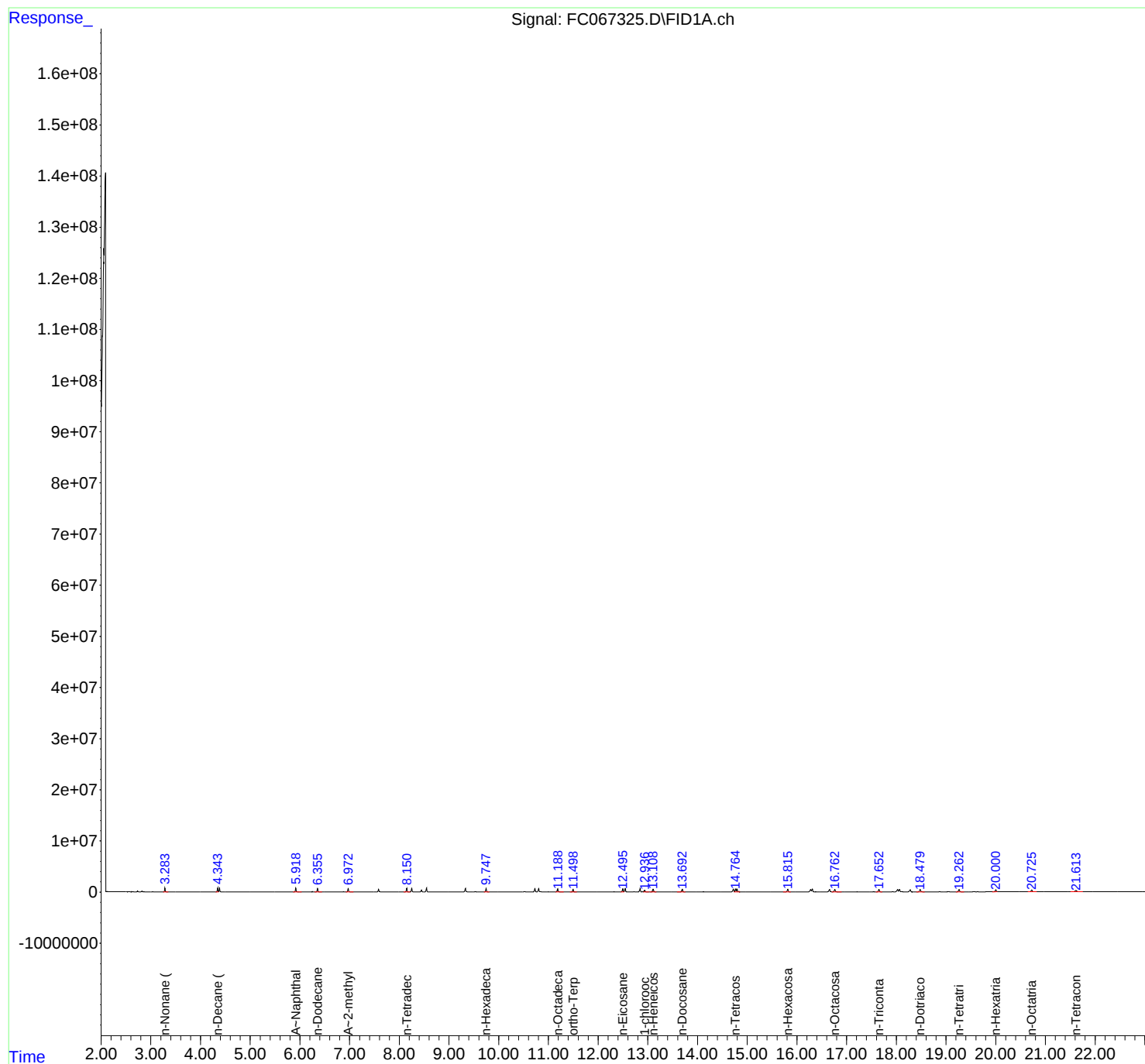
Instrument :
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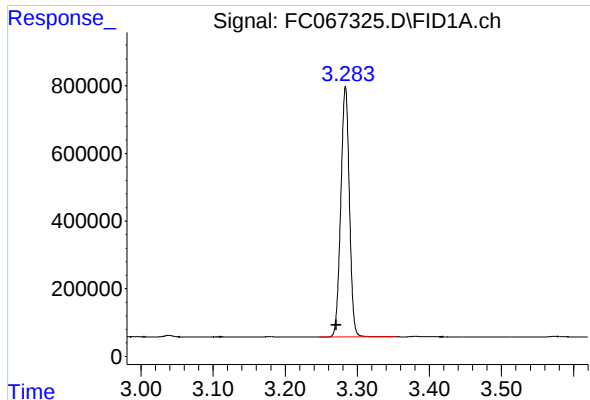
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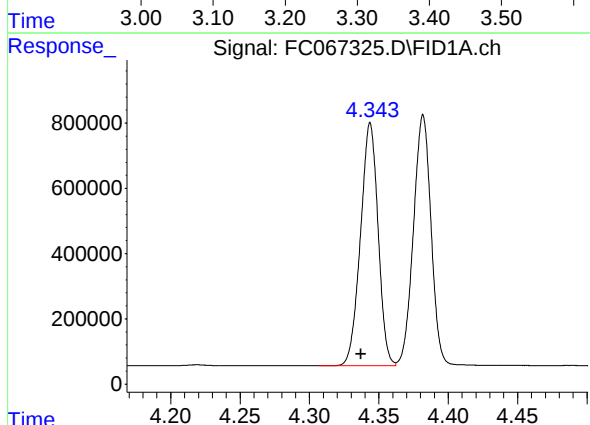
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: 0.013 min
Response: 6152564
Conc: 48.54 ug/ml

Instrument :
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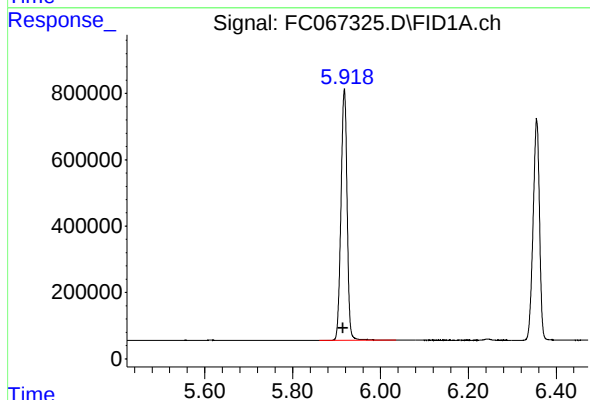
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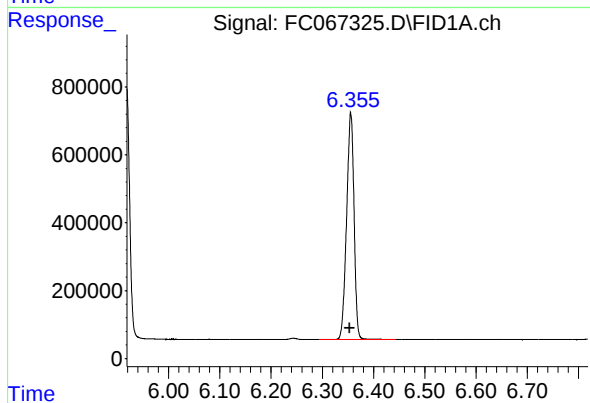
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.007 min
Response: 6561861
Conc: 51.05 ug/ml



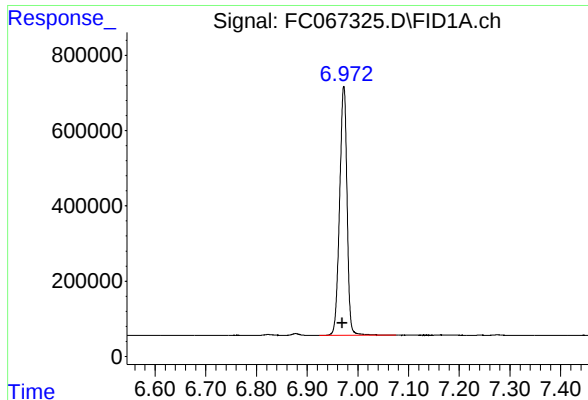
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 7323778
Conc: 51.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 6727386
Conc: 51.84 ug/ml



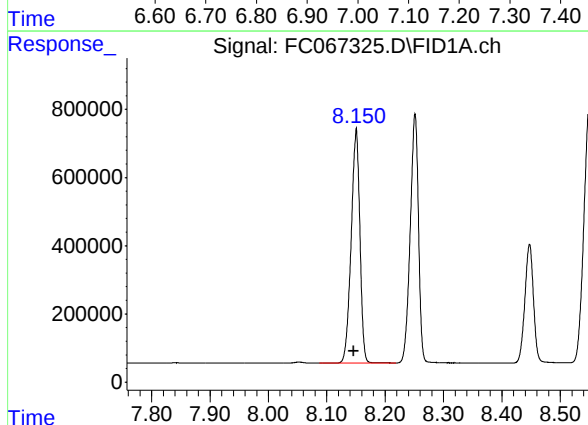
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 6749955
Conc: 49.20 ug/ml

Instrument :
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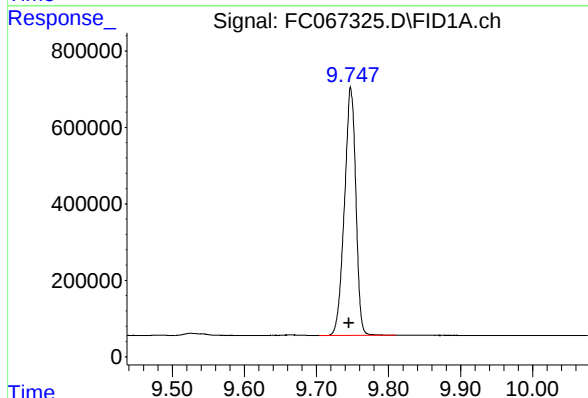
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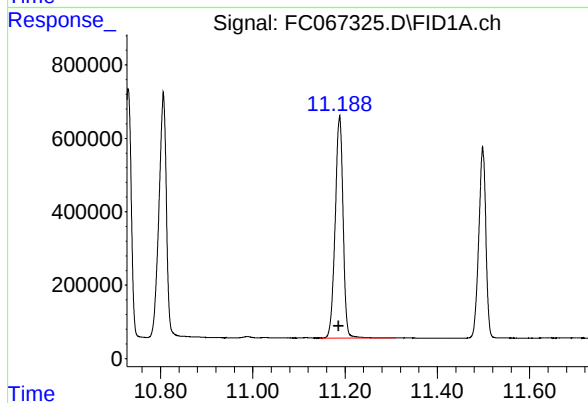
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.004 min
Response: 7123970
Conc: 55.31 ug/ml



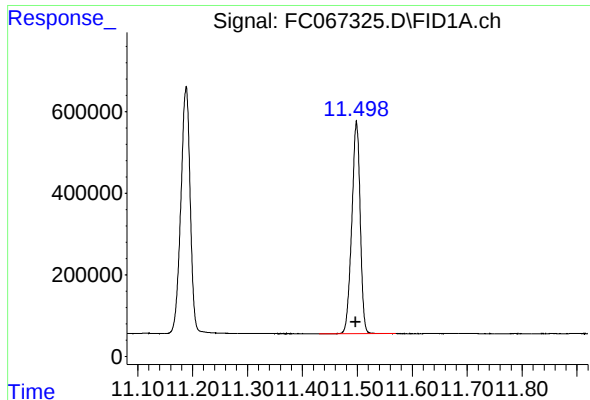
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 7148263
Conc: 53.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 7187611
Conc: 53.01 ug/ml



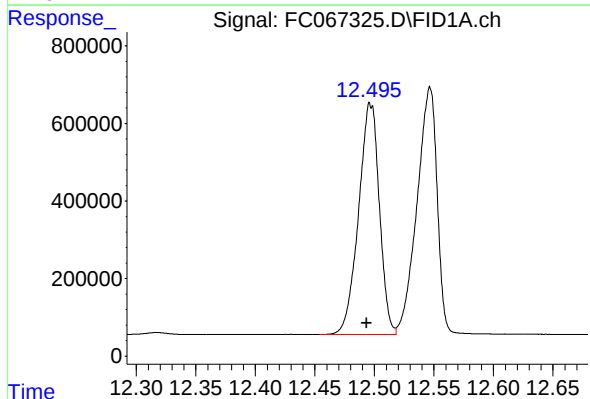
#9 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: 0.001 min
Response: 5532294
Conc: 36.36 ug/ml

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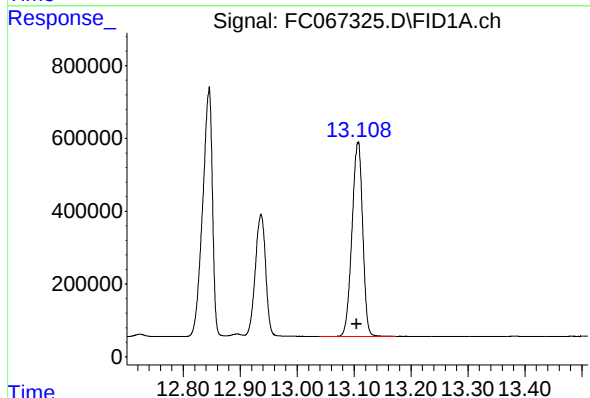
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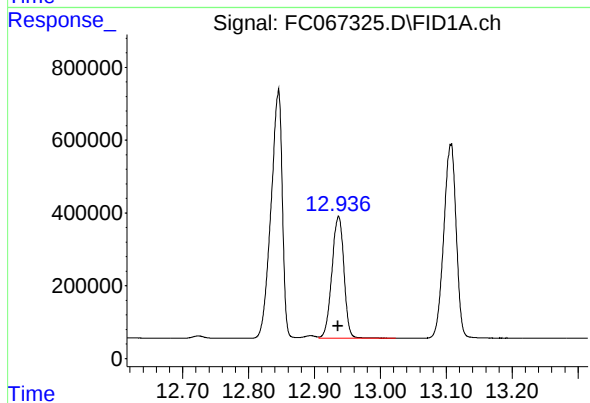
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.003 min
Response: 7260976
Conc: 55.61 ug/ml



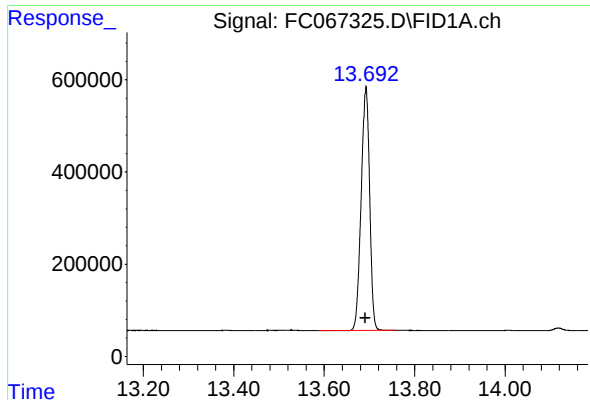
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.002 min
Response: 6959672
Conc: 54.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 4256773
Conc: 37.61 ug/ml



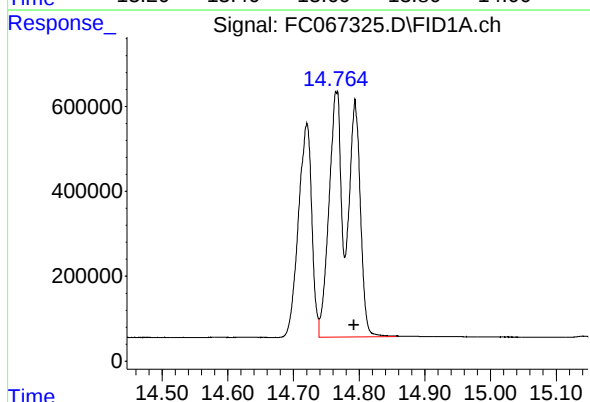
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 6863318
Conc: 53.75 ug/ml

Instrument :
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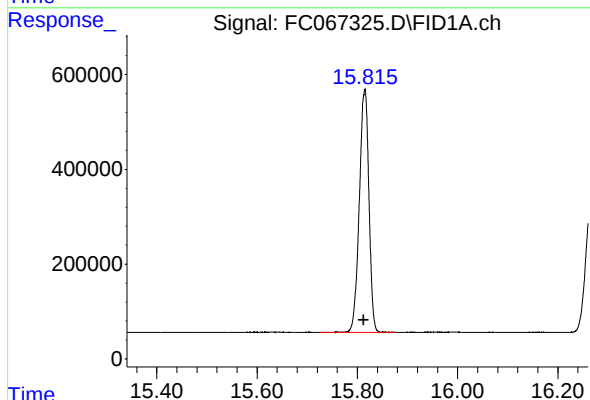
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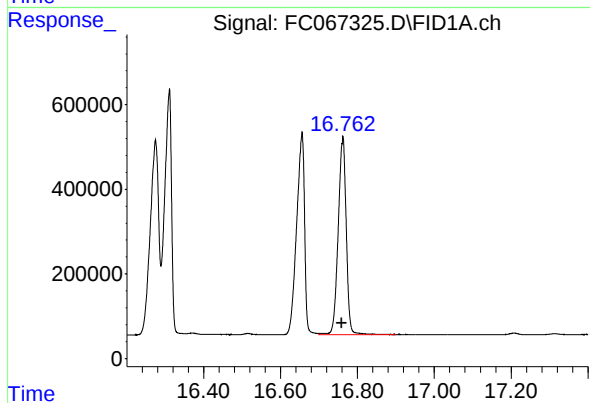
#14 n-Tetracosane (C24)

R.T.: 14.764 min
Delta R.T.: -0.028 min
Response: 14125424
Conc: 110.45 ug/ml m



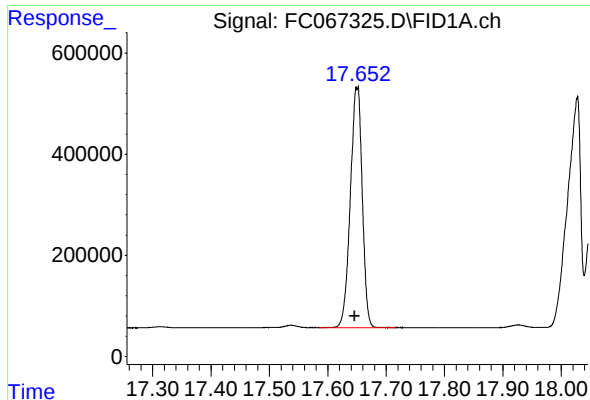
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.002 min
Response: 6803672
Conc: 53.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.002 min
Response: 6788134
Conc: 54.03 ug/ml



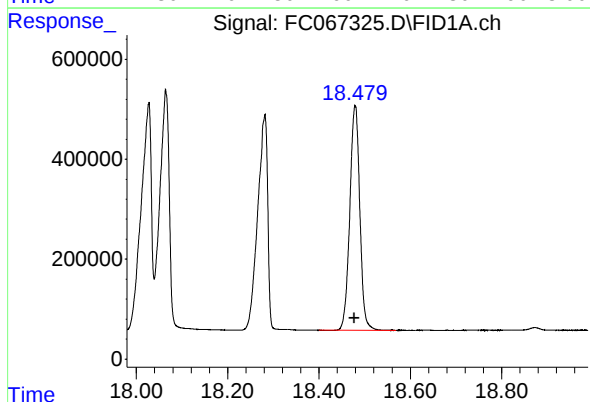
#17 n-Tricontane (C30)

R.T.: 17.650 min
Delta R.T.: 0.004 min
Response: 6738604
Conc: 52.31 ug/ml

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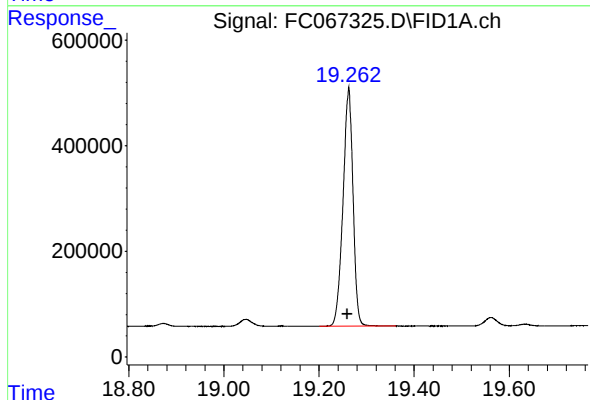
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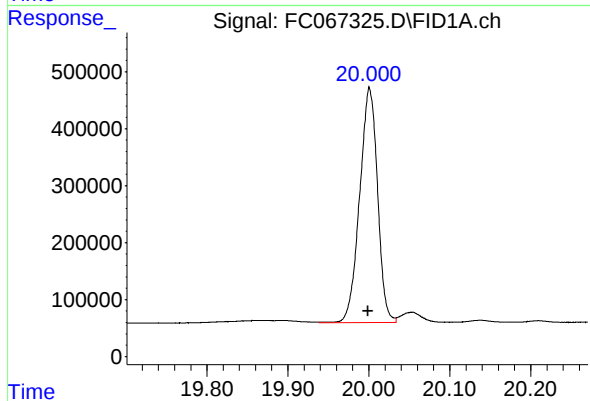
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.002 min
Response: 6845633
Conc: 54.80 ug/ml



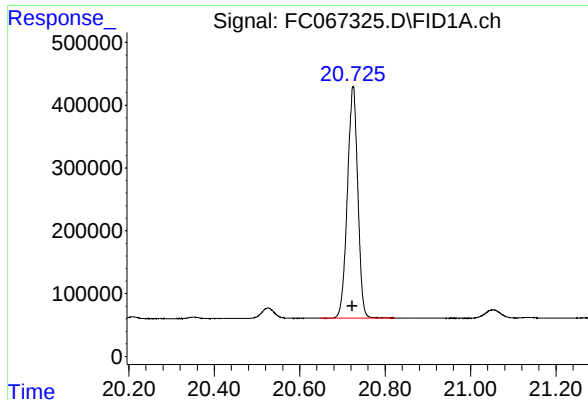
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: 0.003 min
Response: 6623840
Conc: 60.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: 0.002 min
Response: 6335949
Conc: 67.03 ug/ml



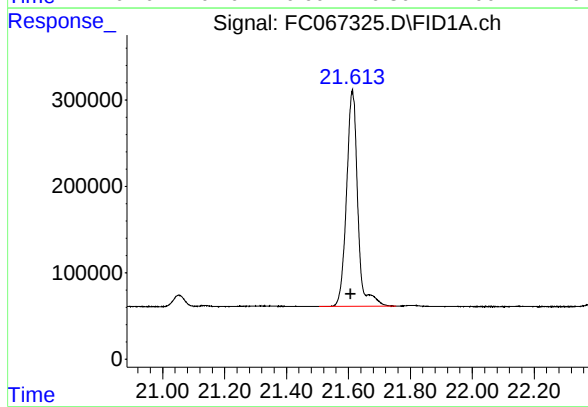
#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.002 min
Response: 6240911
Conc: 71.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.613 min
Delta R.T.: 0.005 min
Response: 6276022
Conc: 72.94 ug/ml