

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100324AL\
 Data File : FC067328.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2024 17:37
 Operator : YP/AJ
 Sample : P4232-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-RMS

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 02:07:25 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)	11.497	3912944	25.716 ug/ml
Spiked Amount 50.000		Recovery =	51.43%
12) S 1-chlorooctadecane (S...	12.935	3045464	26.905 ug/ml
Spiked Amount 50.000		Recovery =	53.81%
Target Compounds			
1) T n-Nonane (C9)	3.276	5215548	41.145 ug/ml
2) T n-Decane (C10)	4.340	5858687	45.578 ug/ml
3) T A~Naphthalene (C11.7)	5.916	6649398	46.874 ug/ml
4) T n-Dodecane (C12)	6.355	6152975	47.417 ug/ml
5) T A~2-methylnaphthalene...	6.972	6433506	46.895 ug/ml
6) T n-Tetradecane (C14)	8.150	6671399	51.798 ug/ml
7) T n-Hexadecane (C16)	9.747	7205316	54.127 ug/ml
8) T n-Octadecane (C18)	11.188	7498393	55.297 ug/ml
10) T n-Eicosane (C20)	12.497	7611734	58.296 ug/ml
11) T n-Heneicosane (C21)	13.107	7318295	57.060 ug/ml
13) T n-Docosane (C22)	13.692	7267190	56.914 ug/ml
14) T n-Tetracosane (C24)	14.767	14909175	116.576 ug/mlm
15) T n-Hexacosane (C26)	15.816	7146673	56.681 ug/ml
16) T n-Octacosane (C28)	16.763	7059114	56.190 ug/ml
17) T n-Tricontane (C30)	17.651	7053329	54.751 ug/ml
18) T n-Dotriacontane (C32)	18.479	6966668	55.765 ug/ml
19) T n-Tetratriacontane (C34)	19.262	6864467	62.817 ug/ml
20) T n-Hexatriacontane (C36)	20.001	6528526	69.072 ug/ml
21) T n-Octatriacontane (C38)	20.726	6422744	73.236 ug/ml
22) T n-Tetracontane (C40)	21.613	6409645	74.489 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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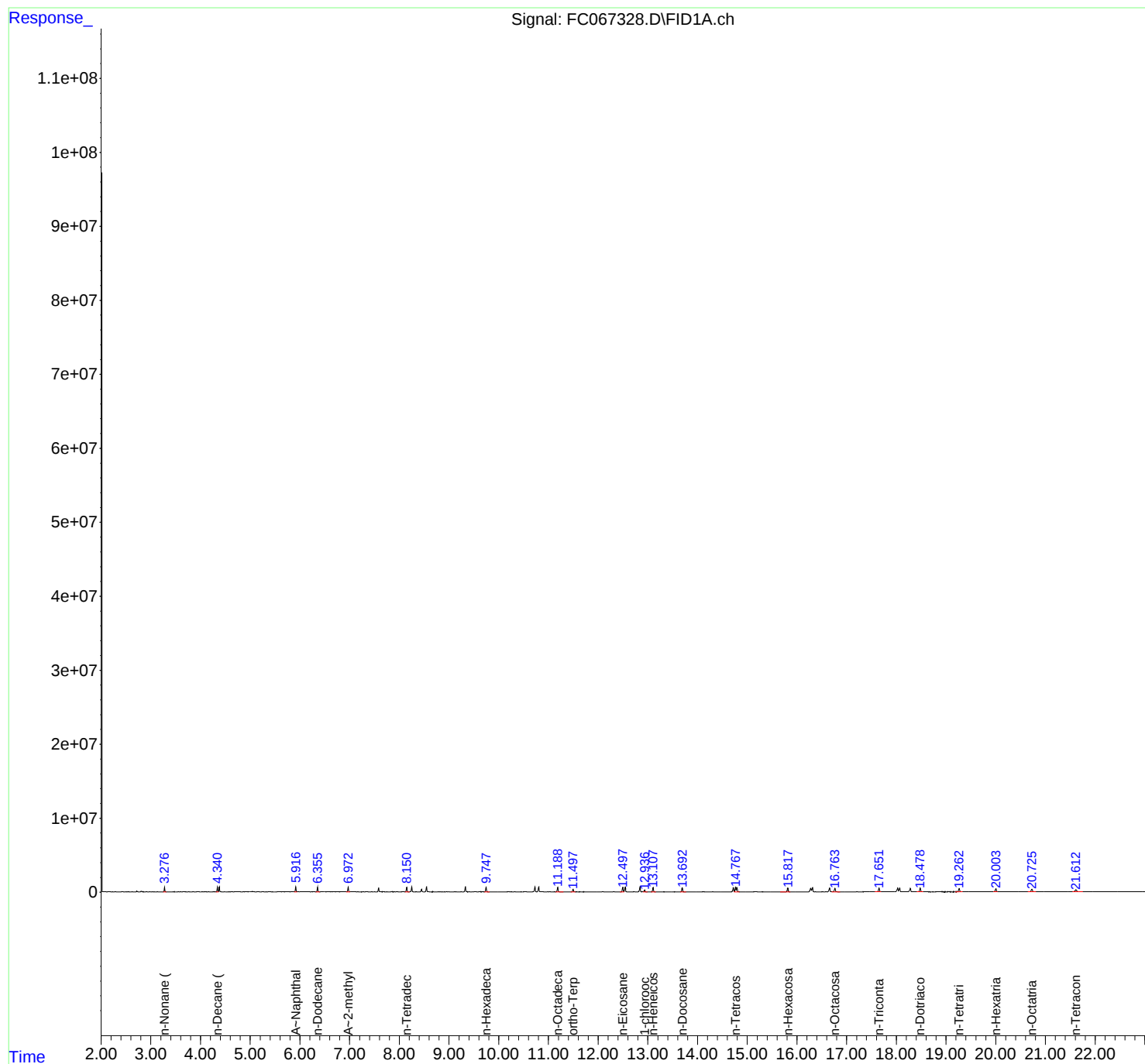
Instrument :
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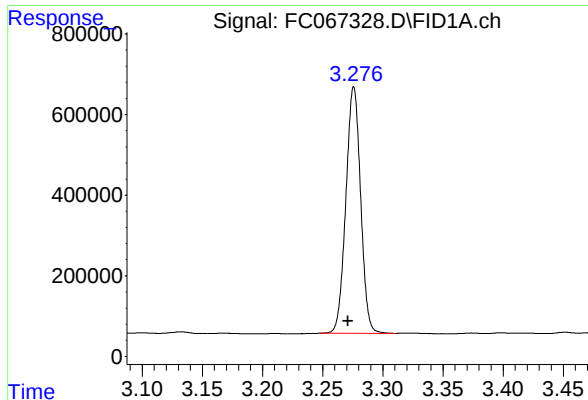
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#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 5215548
Conc: 41.15 ug/ml

Instrument :

FID_C

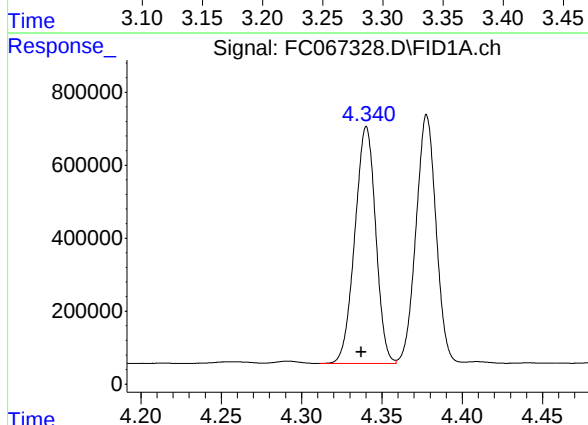
ClientSampleId :

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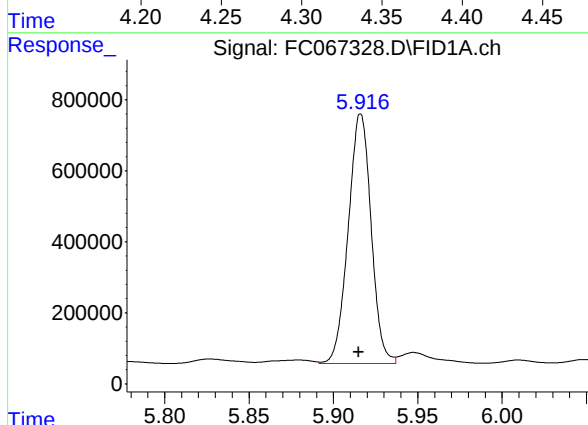
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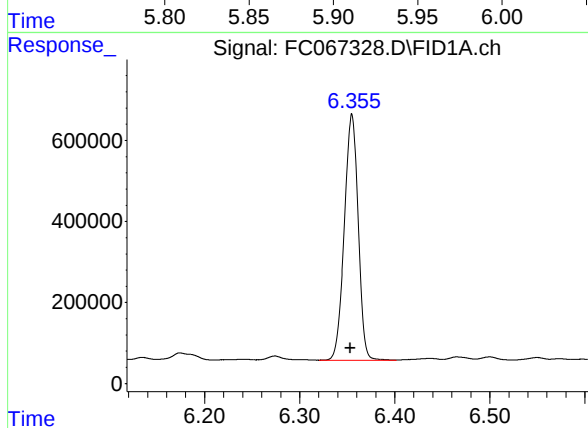
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 5858687
Conc: 45.58 ug/ml



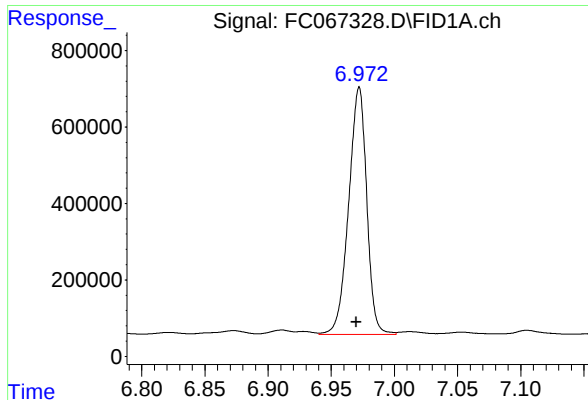
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.001 min
Response: 6649398
Conc: 46.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.355 min
Delta R.T.: 0.001 min
Response: 6152975
Conc: 47.42 ug/ml



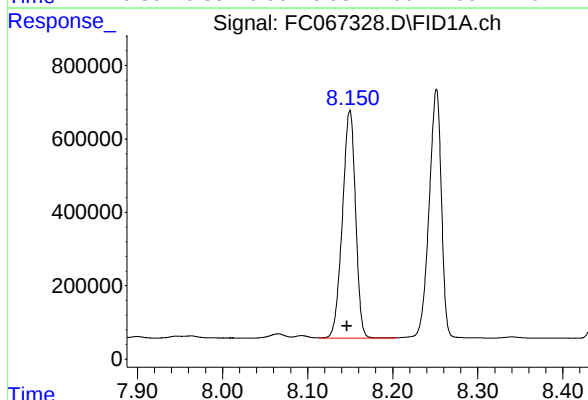
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 6433506
Conc: 46.90 ug/ml

Instrument :
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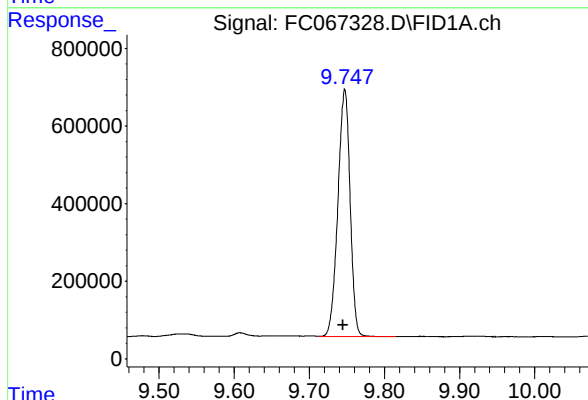
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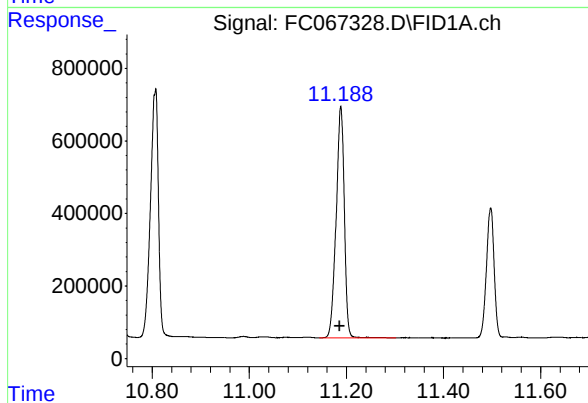
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.003 min
Response: 6671399
Conc: 51.80 ug/ml



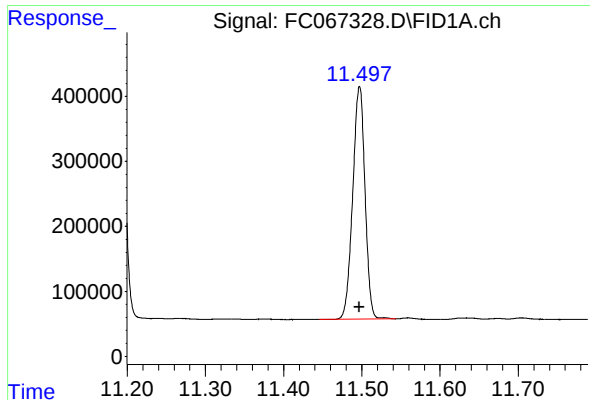
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.002 min
Response: 7205316
Conc: 54.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 7498393
Conc: 55.30 ug/ml



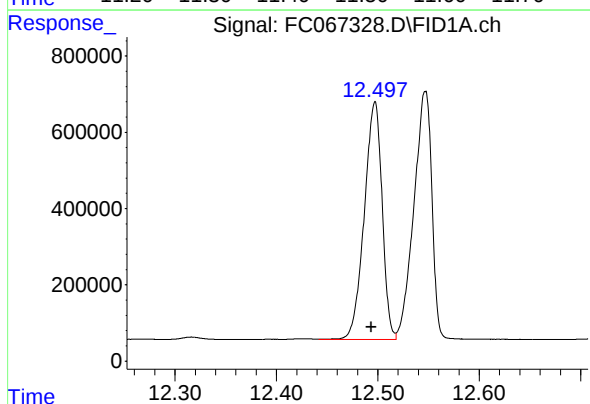
#9 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: 0.000 min
Response: 3912944
Conc: 25.72 ug/ml

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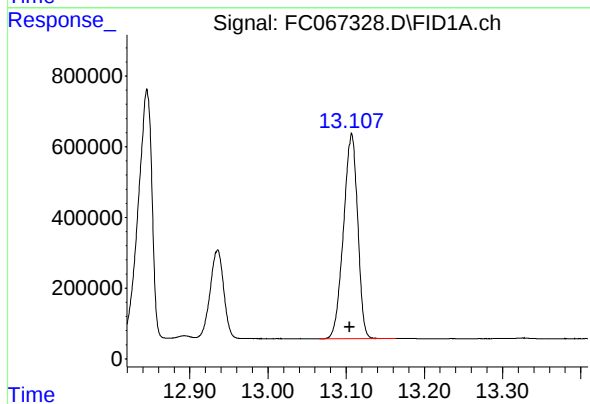
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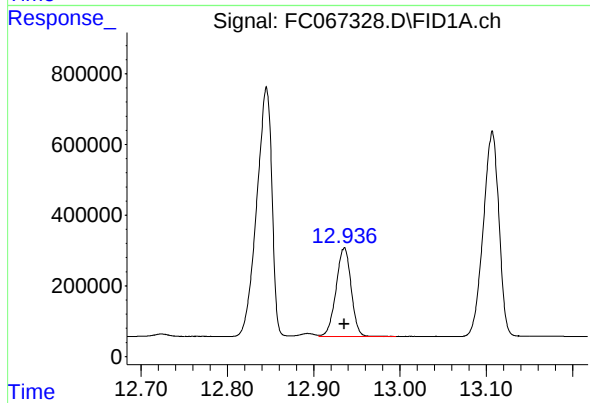
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.003 min
Response: 7611734
Conc: 58.30 ug/ml



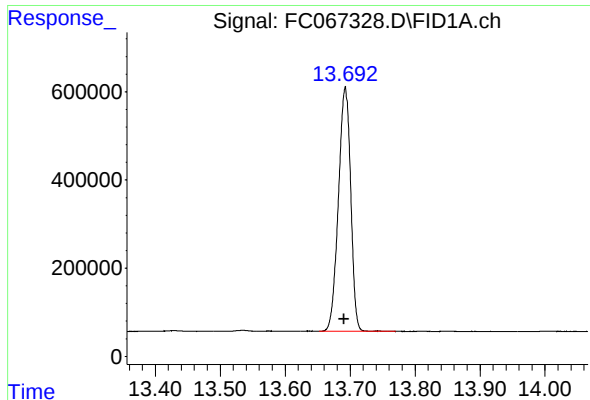
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.002 min
Response: 7318295
Conc: 57.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 3045464
Conc: 26.90 ug/ml



#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 7267190
Conc: 56.91 ug/ml

Instrument :

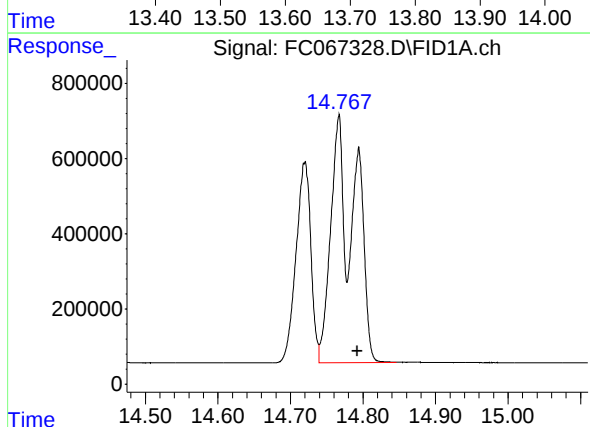
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ClientSampleId :

TP-RMS

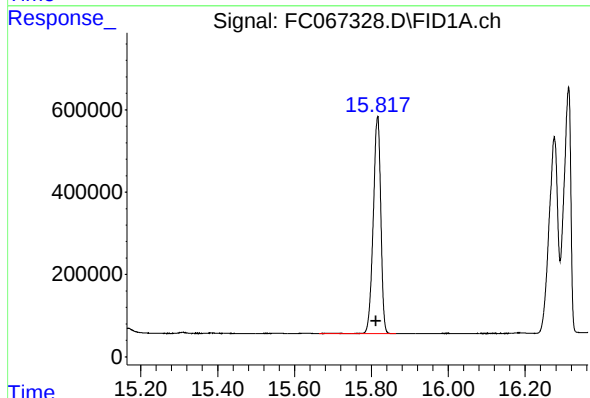
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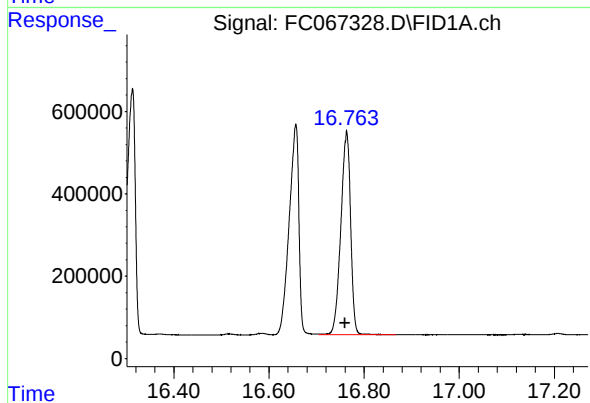
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.025 min
Response: 14909175
Conc: 116.58 ug/ml m



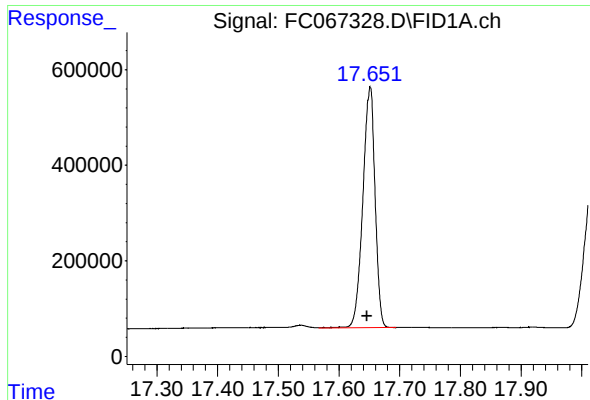
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.003 min
Response: 7146673
Conc: 56.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.003 min
Response: 7059114
Conc: 56.19 ug/ml



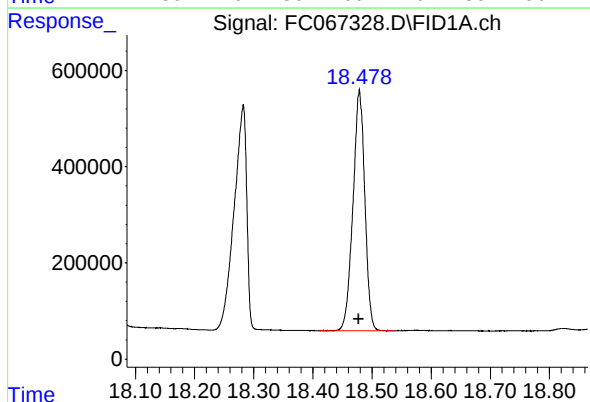
#17 n-Tricontane (C30)

R.T.: 17.651 min
Delta R.T.: 0.005 min
Response: 7053329
Conc: 54.75 ug/ml

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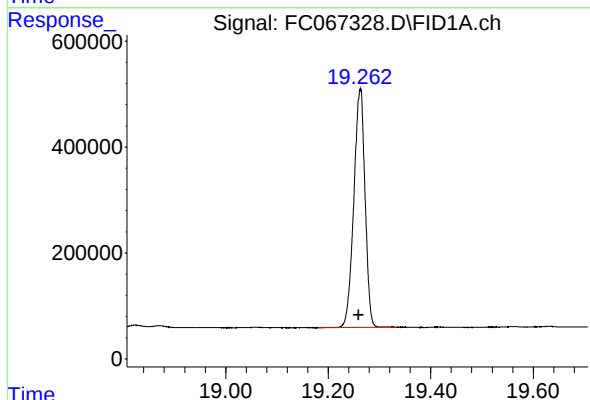
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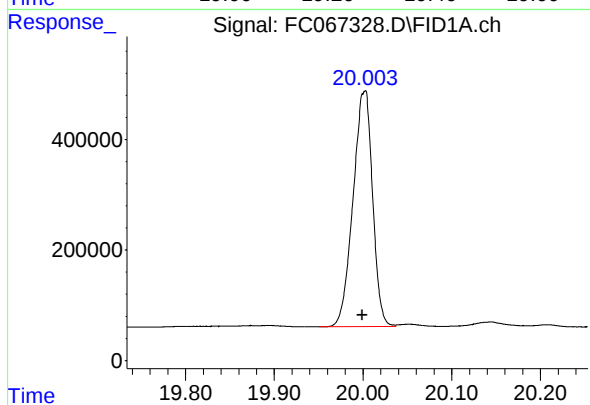
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.001 min
Response: 6966668
Conc: 55.77 ug/ml



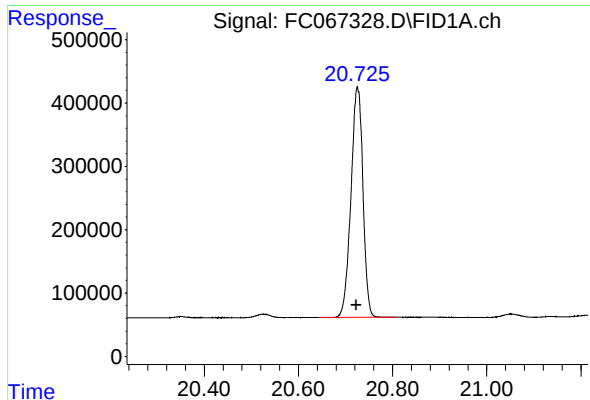
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: 0.003 min
Response: 6864467
Conc: 62.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: 0.002 min
Response: 6528526
Conc: 69.07 ug/ml



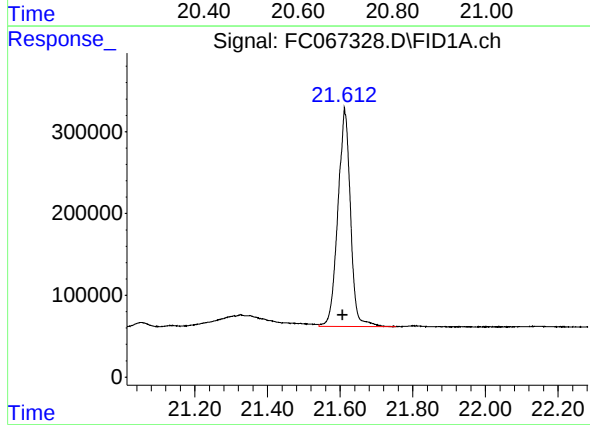
#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: 0.003 min
Response: 6422744
Conc: 73.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.613 min
Delta R.T.: 0.005 min
Response: 6409645
Conc: 74.49 ug/ml