

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121024AL\
 Data File : FC067971.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 12:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :Ankita Jodhani 12/11/2024

Integration File: autoint1.e
 Quant Time: Dec 11 00:19:53 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			
9) S ortho-Terphenyl (SURR)	11.471	3473963	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	12.910	2578415	20.208 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.252	3016394	19.415 ug/ml
2) T n-Decane (C10)	4.314	3136813	19.787 ug/ml
3) T A~Naphthalene (C11.7)	5.889	3427692	19.634 ug/ml
4) T n-Dodecane (C12)	6.329	3222858	20.016 ug/ml
5) T A~2-methylnaphthalene...	6.944	3378709	20.165 ug/mlm
6) T n-Tetradecane (C14)	8.122	3197731	20.112 ug/ml
7) T n-Hexadecane (C16)	9.721	3260569	20.183 ug/ml
8) T n-Octadecane (C18)	11.161	3240556	20.185 ug/ml
10) T n-Eicosane (C20)	12.468	3050137	20.276 ug/ml
11) T n-Heneicosane (C21)	13.080	2959408	20.254 ug/ml
13) T n-Docosane (C22)	13.665	2897231	20.240 ug/ml
14) T n-Tetracosane (C24)	14.767	2829843	20.366 ug/ml
15) T n-Hexacosane (C26)	15.787	2739906	20.488 ug/ml
16) T n-Octacosane (C28)	16.734	2712169	20.909 ug/ml
17) T n-Tricontane (C30)	17.620	2822528	21.788 ug/ml
18) T n-Dotriacontane (C32)	18.452	2752340	22.217 ug/ml
19) T n-Tetratriacontane (C34)	19.234	2396643	21.958 ug/ml
20) T n-Hexatriacontane (C36)	19.973	2029413	21.451 ug/ml
21) T n-Octatriacontane (C38)	20.692	1891273	20.907 ug/ml
22) T n-Tetracontane (C40)	21.571	1834028	20.808 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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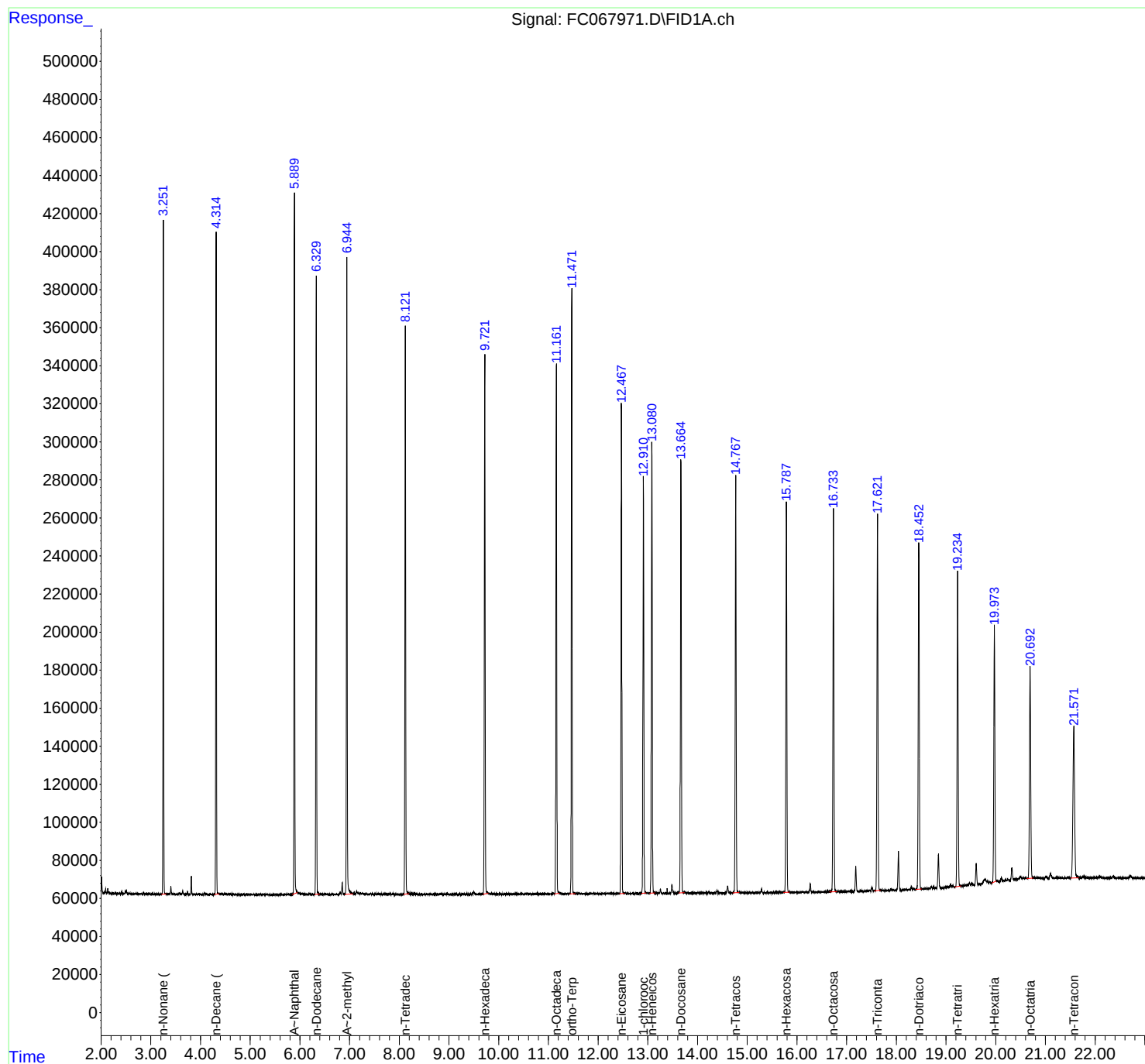
Instrument :
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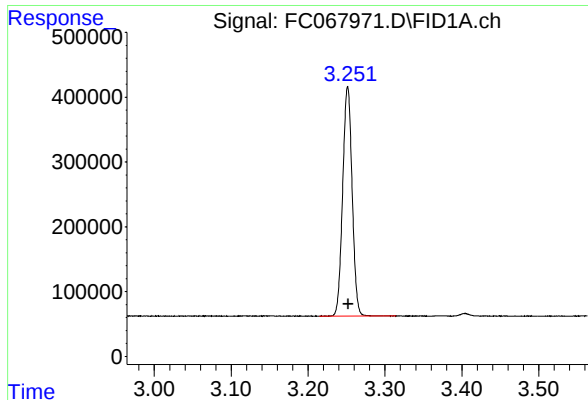
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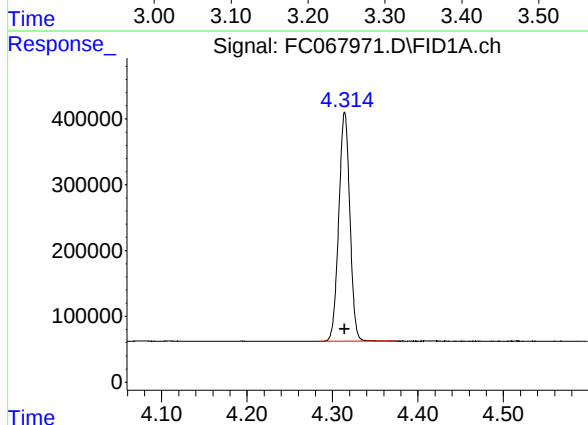
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 3016394
Conc: 19.41 ug/ml

Instrument :
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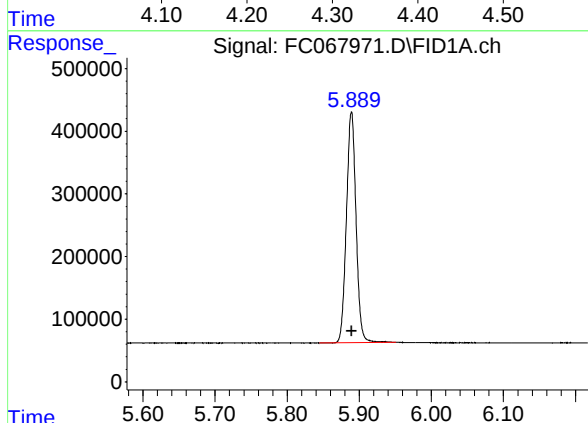
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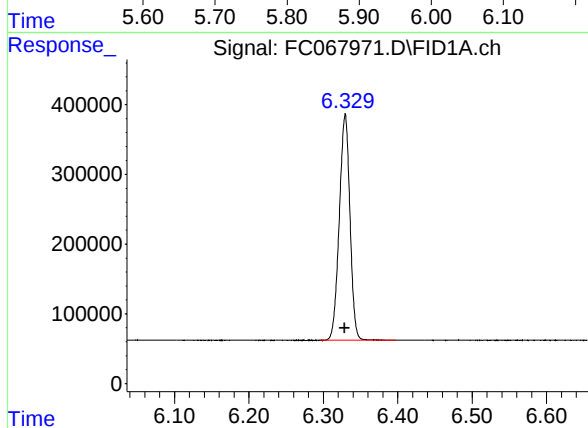
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 3136813
Conc: 19.79 ug/ml



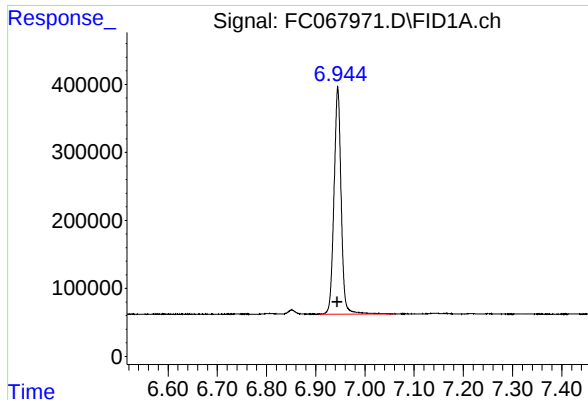
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 3427692
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 3222858
Conc: 20.02 ug/ml



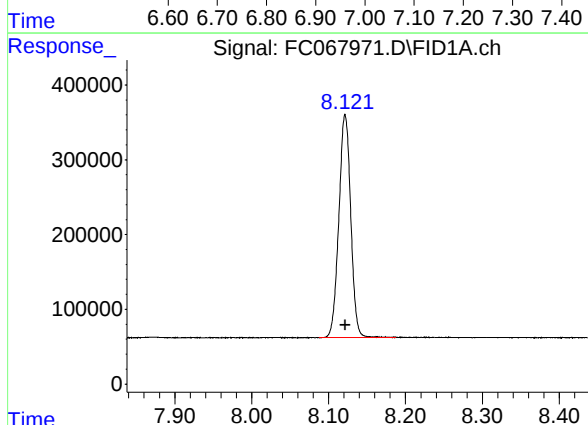
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 3378709
Conc: 20.17 ug/ml

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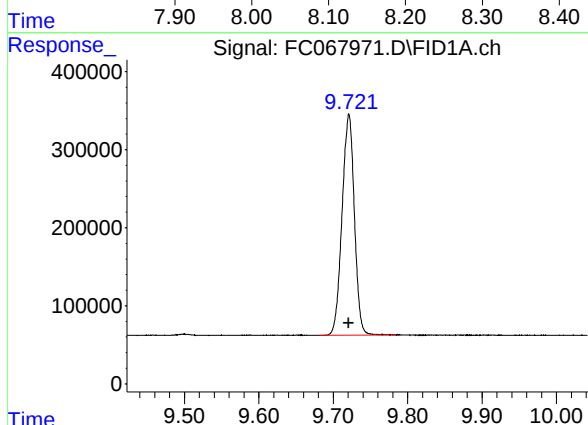
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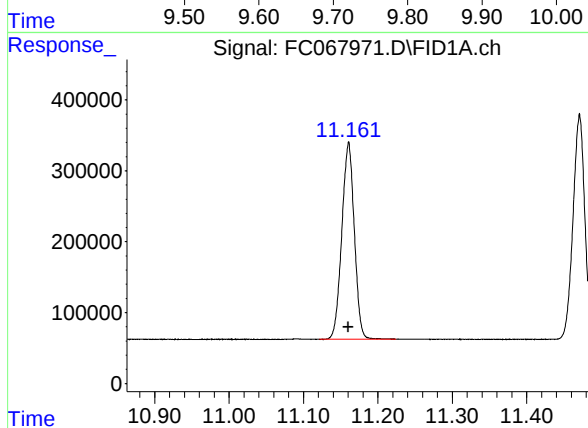
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 3197731
Conc: 20.11 ug/ml



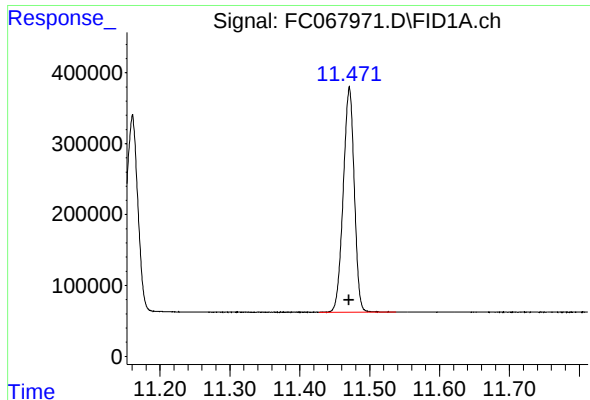
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 3260569
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.161 min
Delta R.T.: 0.000 min
Response: 3240556
Conc: 20.18 ug/ml



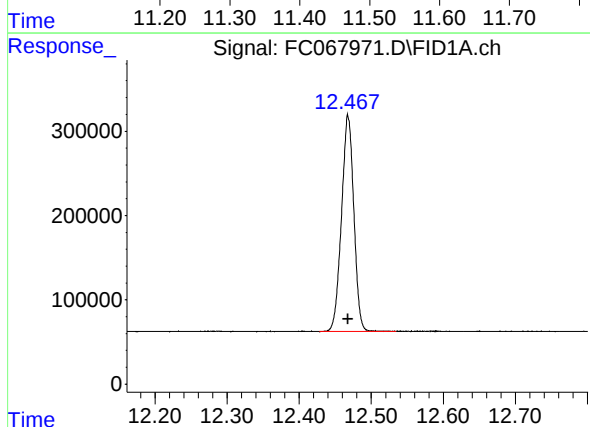
#9 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 3473963
Conc: 20.09 ug/ml

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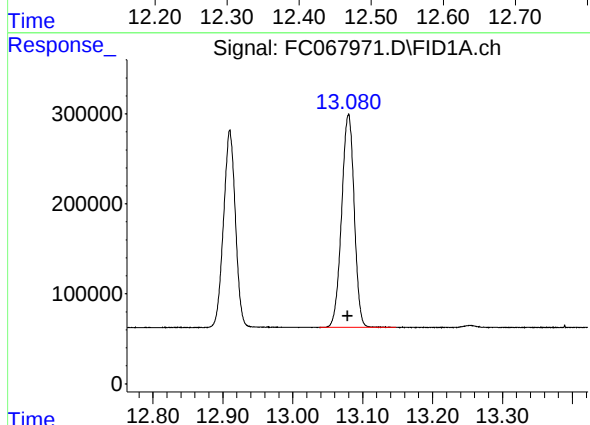
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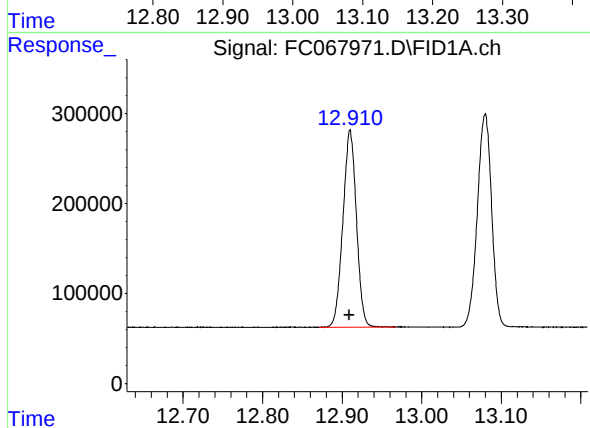
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 3050137
Conc: 20.28 ug/ml



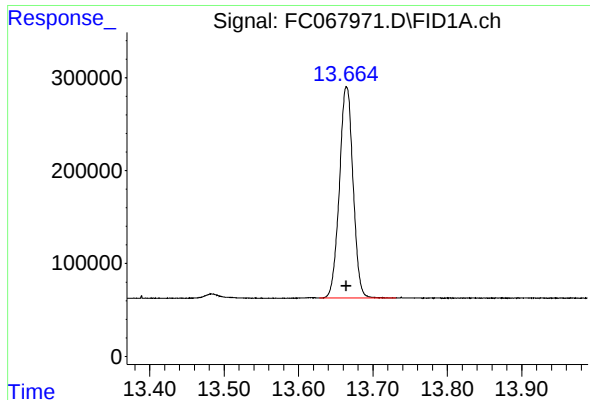
#11 n-Heneicosane (C21)

R.T.: 13.080 min
Delta R.T.: 0.001 min
Response: 2959408
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: 0.000 min
Response: 2578415
Conc: 20.21 ug/ml



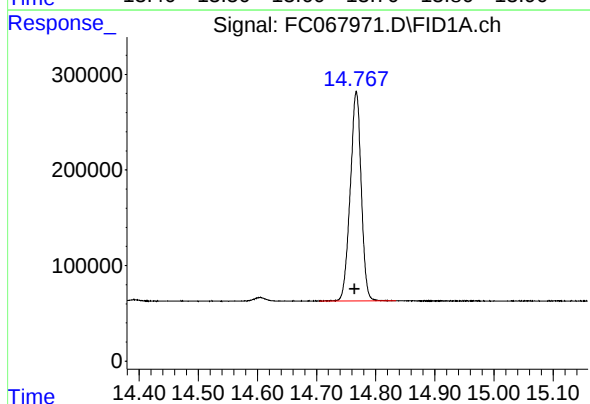
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: 0.000 min
Response: 2897231
Conc: 20.24 ug/ml

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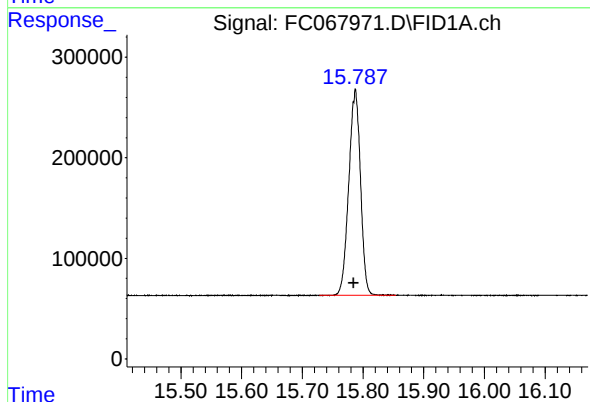
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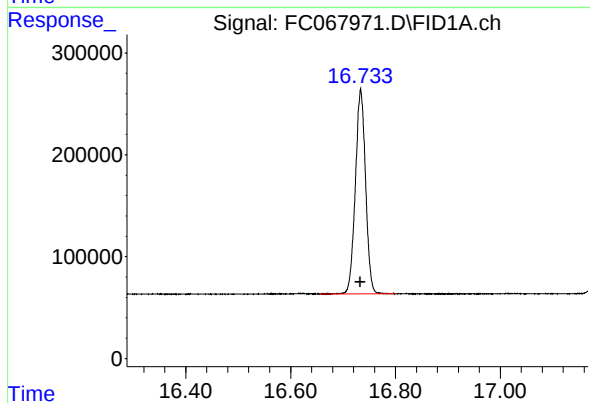
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: 0.003 min
Response: 2829843
Conc: 20.37 ug/ml



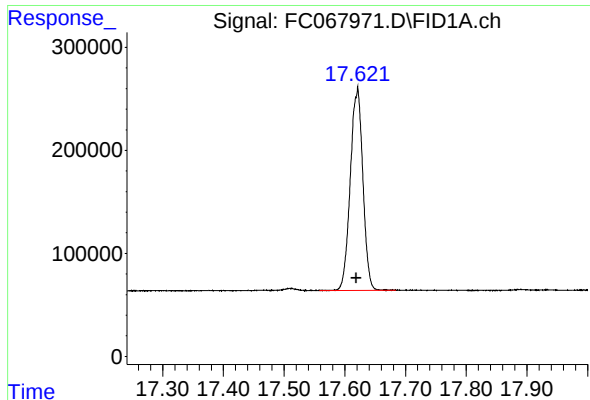
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.002 min
Response: 2739906
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: 0.000 min
Response: 2712169
Conc: 20.91 ug/ml



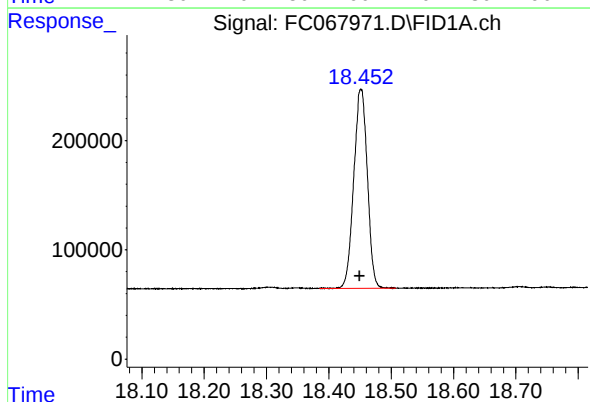
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.001 min
Response: 2822528
Conc: 21.79 ug/ml

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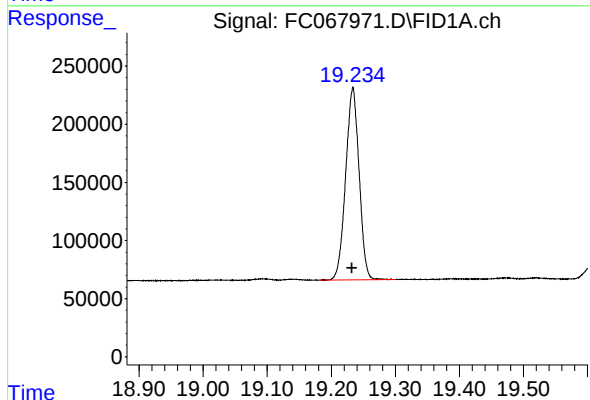
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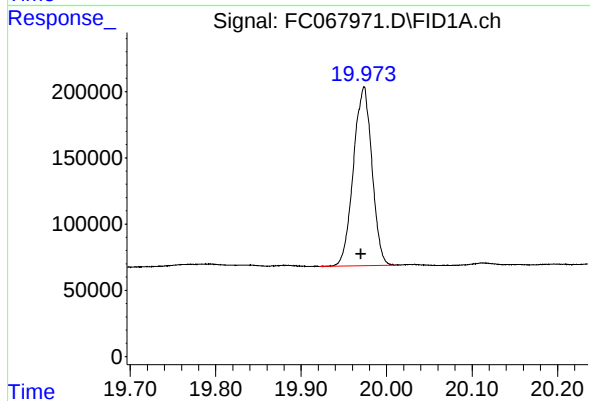
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: 0.002 min
Response: 2752340
Conc: 22.22 ug/ml



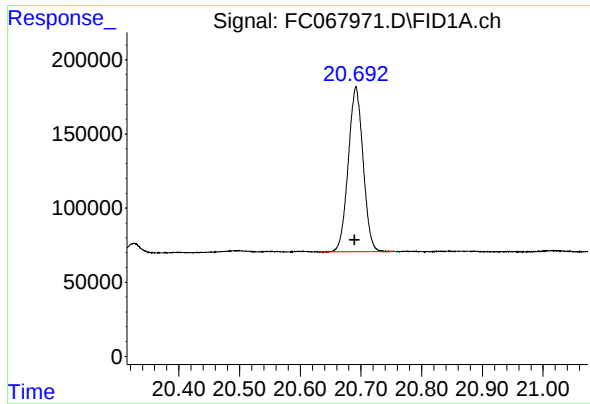
#19 n-Tetratriacontane (C34)

R.T.: 19.234 min
Delta R.T.: 0.001 min
Response: 2396643
Conc: 21.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: 0.003 min
Response: 2029413
Conc: 21.45 ug/ml



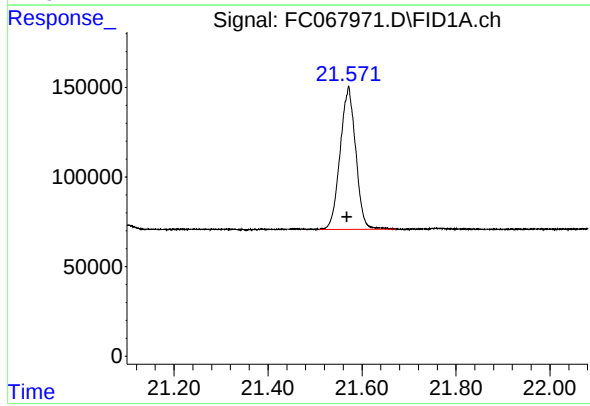
#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: 0.002 min
Response: 1891273
Conc: 20.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.571 min
Delta R.T.: 0.003 min
Response: 1834028
Conc: 20.81 ug/ml m