

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060523AL\
 Data File : FC063732.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2023 13:42
 Operator : YP/AJ
 Sample : 03008-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP-19-0AMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :Ankita Jodhani 06/06/2023

Integration File: autoint1.e

Quant Time: Jun 06 02:34:06 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M

Quant Title : GC Extractables

QLast Update : Sat May 27 06:12:33 2023

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)	11.534	5114942	28.029 ug/ml
Spiked Amount 50.000		Recovery =	56.06%
12) S 1-chlorooctadecane (S...	12.969	3951324	30.925 ug/ml
Spiked Amount 50.000		Recovery =	61.85%
Target Compounds			
1) T n-Nonane (C9)	3.319	6019426	37.767 ug/ml
2) T n-Decane (C10)	4.380	6848653	42.367 ug/ml
3) T A~Naphthalene (C11.7)	5.958	7734793	44.523 ug/ml
4) T n-Dodecane (C12)	6.393	7378873	45.127 ug/ml
5) T A~2-methylnaphthalene...	7.015	7552661	46.103 ug/ml
6) T n-Tetradecane (C14)	8.186	7590774	48.266 ug/ml
7) T n-Hexadecane (C16)	9.783	8219019	51.646 ug/ml
8) T n-Octadecane (C18)	11.222	8214679	51.917 ug/ml
10) T n-Eicosane (C20)	12.529	8128252	54.961 ug/ml
11) T n-Heneicosane (C21)	13.139	7716009	53.604 ug/ml
13) T n-Docosane (C22)	13.722	7585440	53.846 ug/ml
14) T n-Tetracosane (C24)	14.806	14893809	108.540 ug/mlm
15) T n-Hexacosane (C26)	15.841	7187465	54.207 ug/ml
16) T n-Octacosane (C28)	16.786	7076707	55.732 ug/ml
17) T n-Tricontane (C30)	17.671	7045419	55.144 ug/ml
18) T n-Dotriacontane (C32)	18.499	6892364	55.390 ug/ml
19) T n-Tetratriacontane (C34)	19.279	6797303	55.129 ug/ml
20) T n-Hexatriacontane (C36)	20.017	6547133	54.549 ug/ml
21) T n-Octatriacontane (C38)	20.744	6627903	54.898 ug/ml
22) T n-Tetracontane (C40)	21.641	6651447	54.894 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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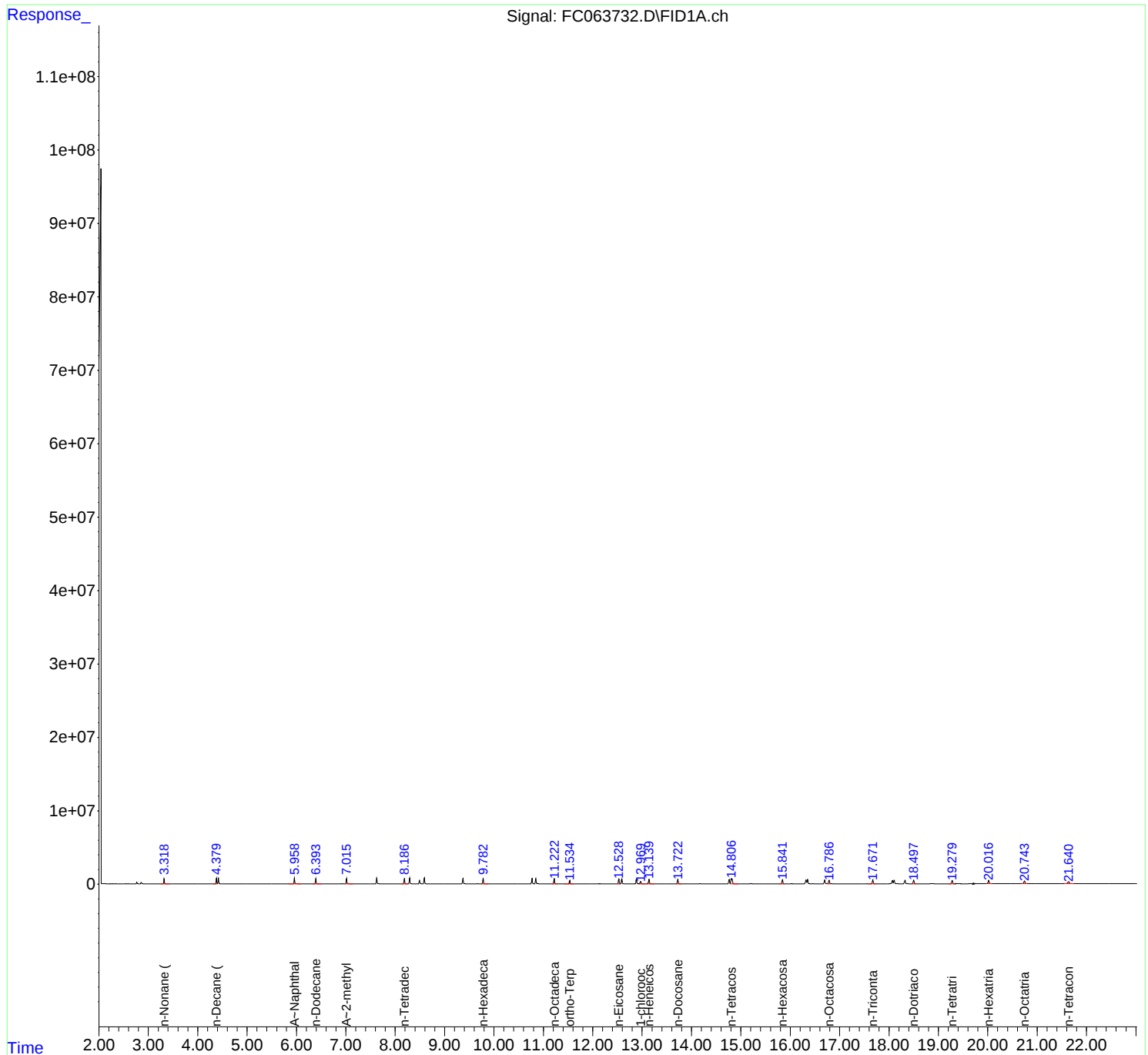
Instrument :
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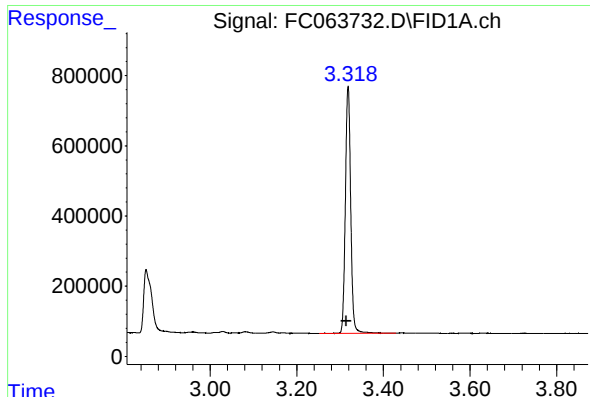
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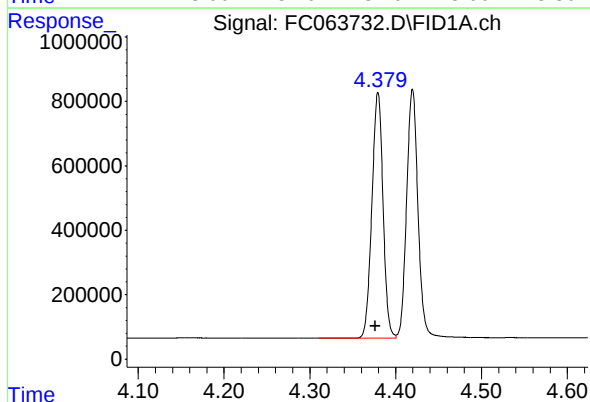
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: 0.005 min
Response: 6019426
Conc: 37.77 ug/ml

Instrument :
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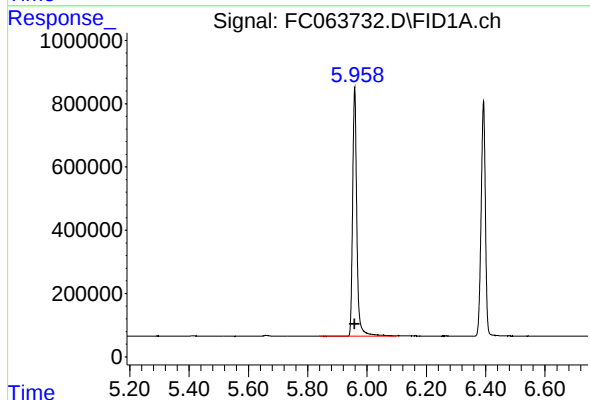
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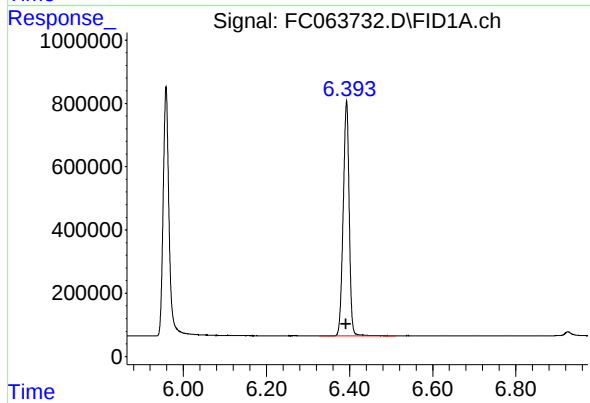
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.003 min
Response: 6848653
Conc: 42.37 ug/ml



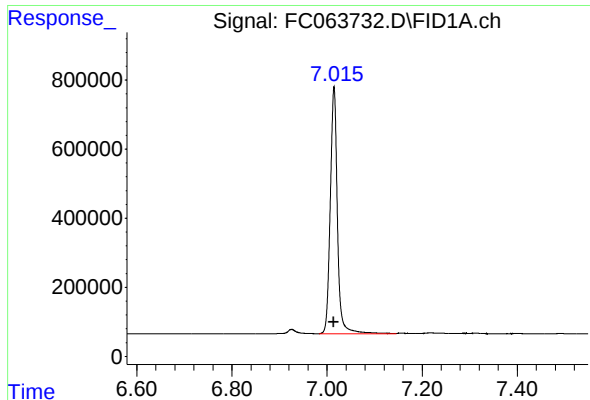
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 7734793
Conc: 44.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 7378873
Conc: 45.13 ug/ml



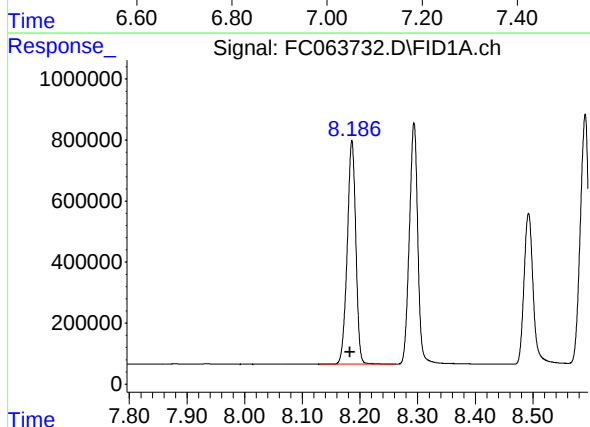
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 7552661
Conc: 46.10 ug/ml

Instrument :
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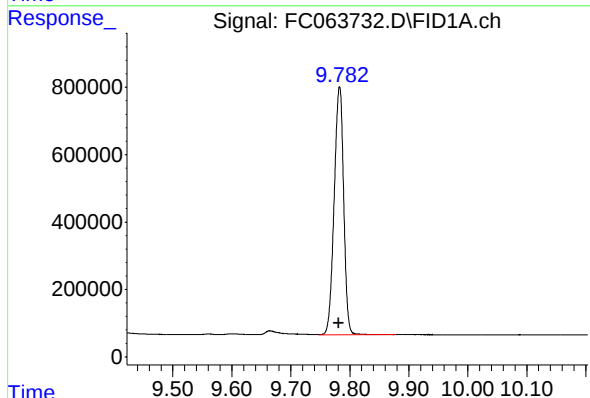
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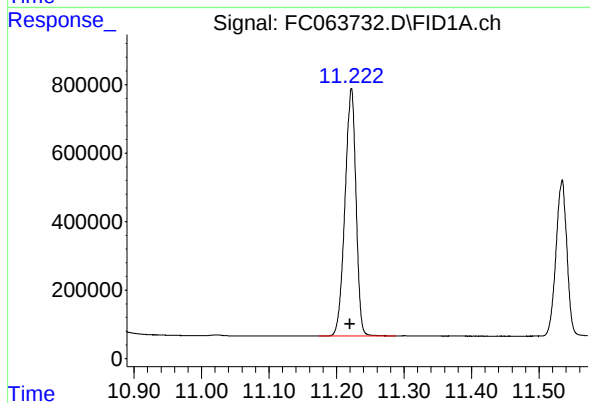
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: 0.003 min
Response: 7590774
Conc: 48.27 ug/ml



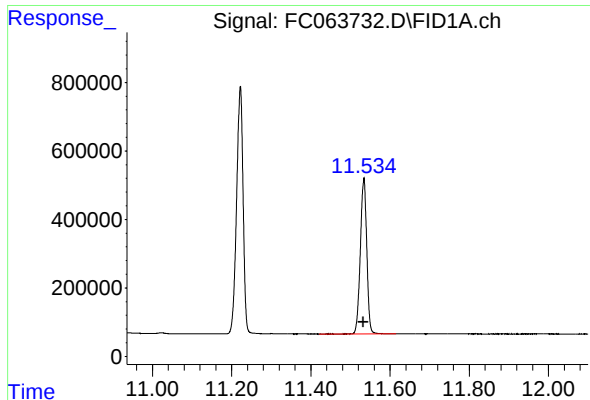
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: 0.002 min
Response: 8219019
Conc: 51.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: 0.002 min
Response: 8214679
Conc: 51.92 ug/ml



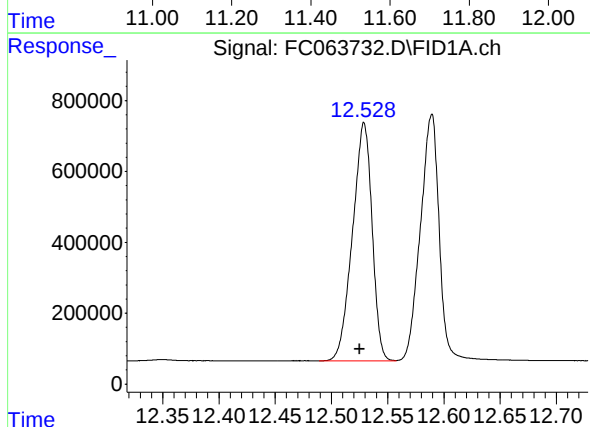
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: 0.001 min
Response: 5114942
Conc: 28.03 ug/ml

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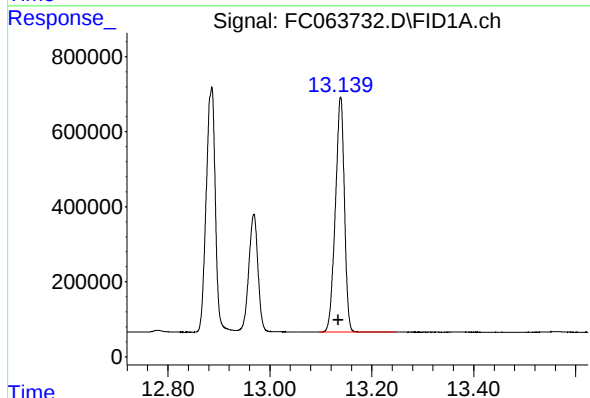
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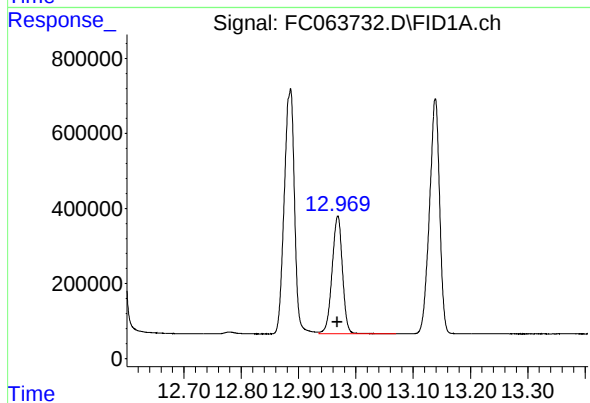
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: 0.004 min
Response: 8128252
Conc: 54.96 ug/ml



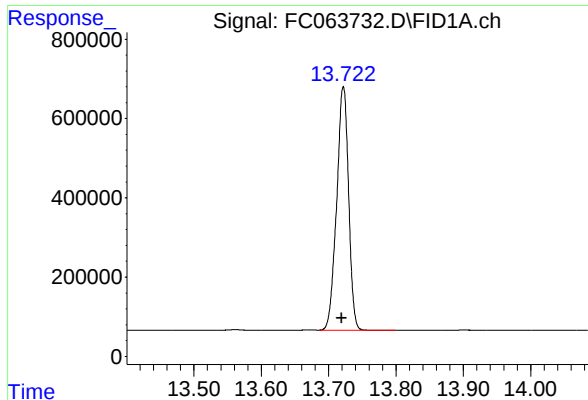
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.004 min
Response: 7716009
Conc: 53.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 3951324
Conc: 30.92 ug/ml



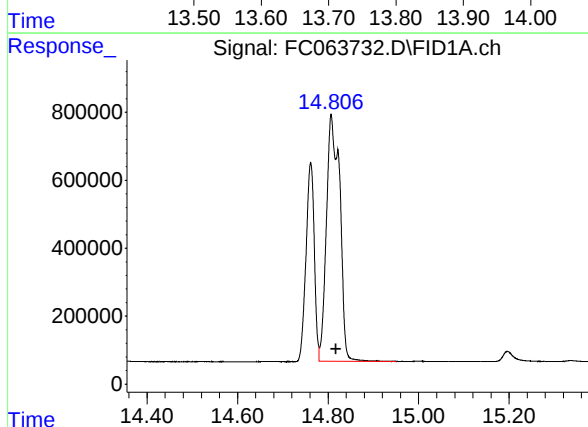
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: 0.002 min
Response: 7585440
Conc: 53.85 ug/ml

Instrument :
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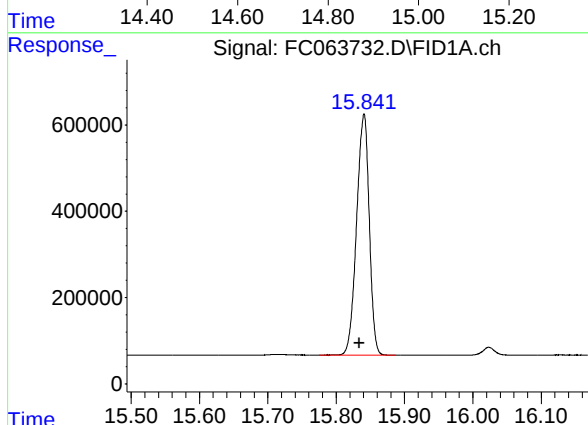
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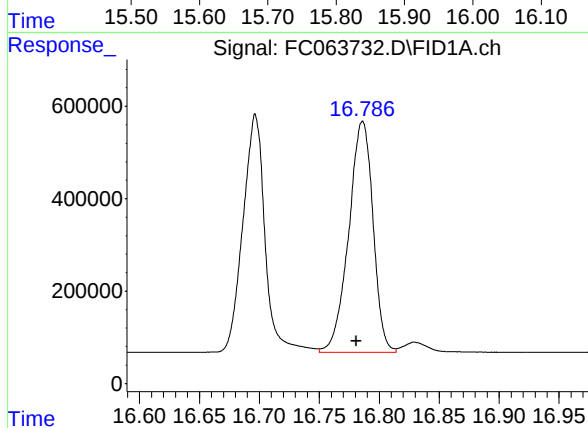
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: -0.011 min
Response: 14893809
Conc: 108.54 ug/ml



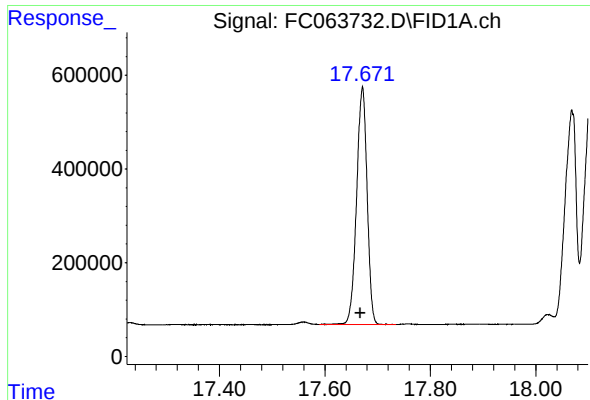
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: 0.007 min
Response: 7187465
Conc: 54.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: 0.005 min
Response: 7076707
Conc: 55.73 ug/ml



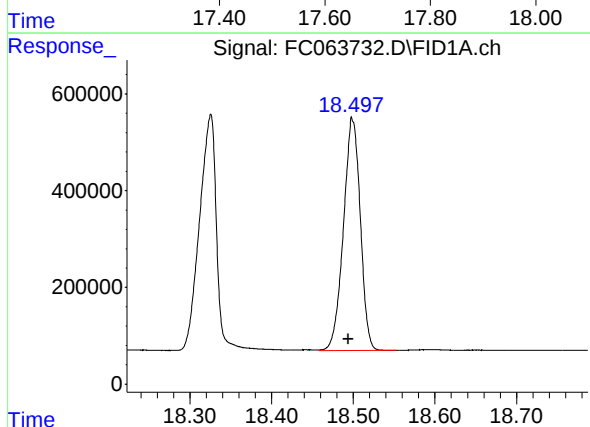
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: 0.004 min
Response: 7045419
Conc: 55.14 ug/ml

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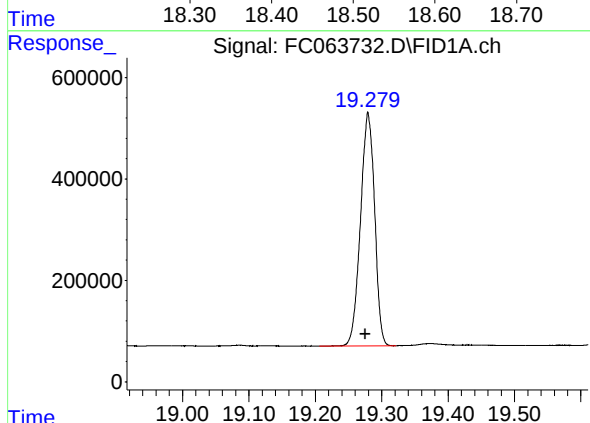
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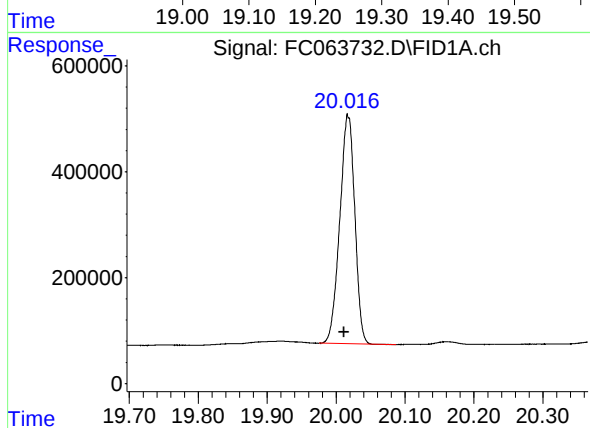
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.005 min
Response: 6892364
Conc: 55.39 ug/ml



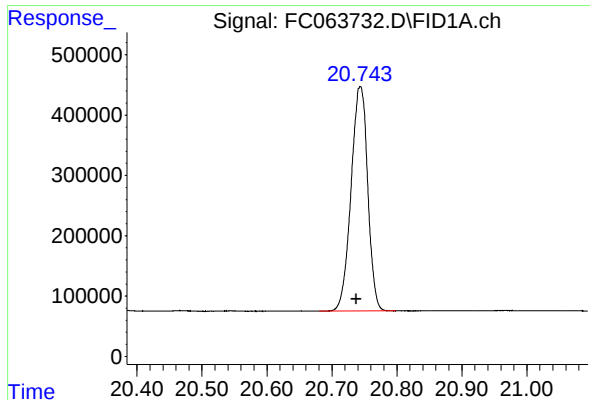
#19 n-Tetatriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.004 min
Response: 6797303
Conc: 55.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: 0.006 min
Response: 6547133
Conc: 54.55 ug/ml



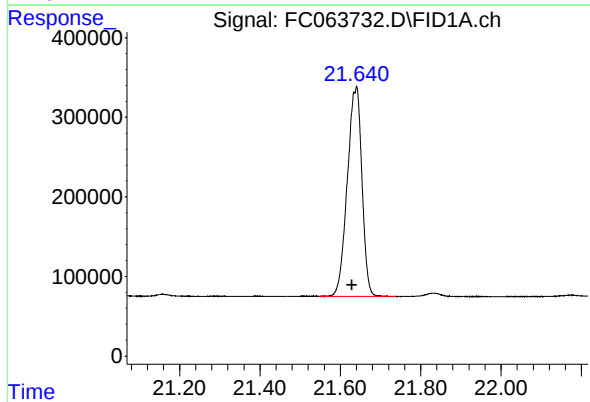
#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: 0.006 min
Response: 6627903
Conc: 54.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: 0.011 min
Response: 6651447
Conc: 54.89 ug/ml