

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090123AL\
 Data File : FC064481.D
 Signal(s) : FID1A.ch
 Acq On : 01 Sep 2023 19:42
 Operator : YP/AJ
 Sample : 04249-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-02-083023MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2023
 Supervised By :Ankita Jodhani 09/05/2023

Integration File: autoint1.e
 Quant Time: Sep 02 03:08:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.512	6249922	29.439 ug/ml
Spiked Amount 50.000		Recovery =	58.88%
12) S 1-chlorooctadecane (S...	12.946	5143399	33.733 ug/ml
Spiked Amount 50.000		Recovery =	67.47%
Target Compounds			
1) T n-Nonane (C9)	3.307	4843642	27.443 ug/ml
2) T n-Decane (C10)	4.367	5541413	31.589 ug/ml
3) T A~Naphthalene (C11.7)	5.944	6120187	32.913 ug/ml
4) T n-Dodecane (C12)	6.377	6113127	34.296 ug/ml
5) T A~2-methylnaphthalene...	6.998	6213515	34.929 ug/ml
6) T n-Tetradecane (C14)	8.168	6449494	36.969 ug/ml
7) T n-Hexadecane (C16)	9.762	6772265	39.188 ug/ml
8) T n-Octadecane (C18)	11.199	6826510	38.992 ug/ml
10) T n-Eicosane (C20)	12.505	6969720	41.202 ug/ml
11) T n-Heneicosane (C21)	13.115	6621365	39.672 ug/ml
13) T n-Docosane (C22)	13.699	6781747	41.578 ug/ml
14) T n-Tetracosane (C24)	14.786	12544387	78.772 ug/ml
15) T n-Hexacosane (C26)	15.818	6491299	42.015 ug/ml
16) T n-Octacosane (C28)	16.765	6494222	43.865 ug/mlm
17) T n-Tricontane (C30)	17.649	6279866	42.993 ug/mlm
18) T n-Dotriacontane (C32)	18.477	6300945	44.606 ug/ml
19) T n-Tetratriacontane (C34)	19.260	6140077	45.954 ug/ml
20) T n-Hexatriacontane (C36)	19.997	5485624	42.869 ug/mlm
21) T n-Octatriacontane (C38)	20.722	5662402	46.112 ug/mlm
22) T n-Tetracontane (C40)	21.609	5999988	51.665 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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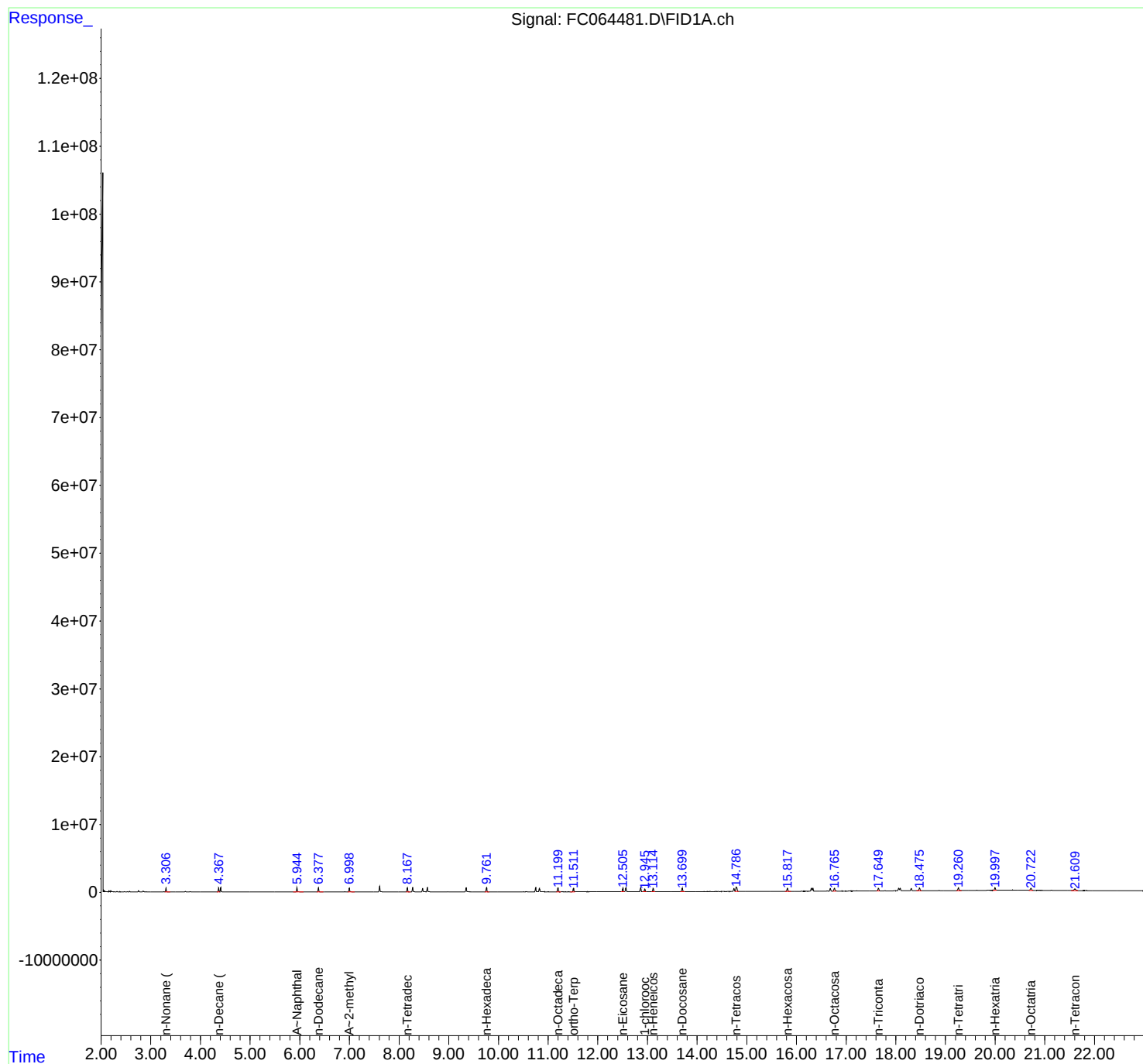
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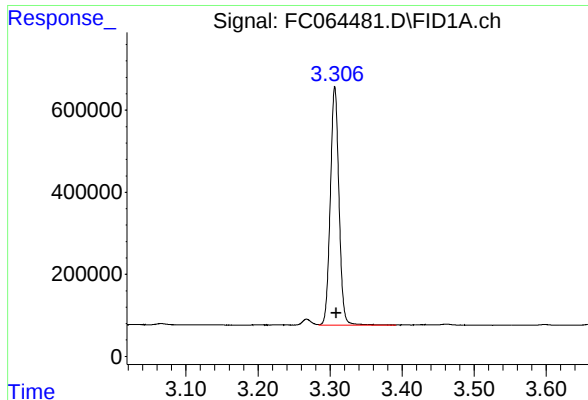
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#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.002 min
Response: 4843642
Conc: 27.44 ug/ml

Instrument :

FID_C

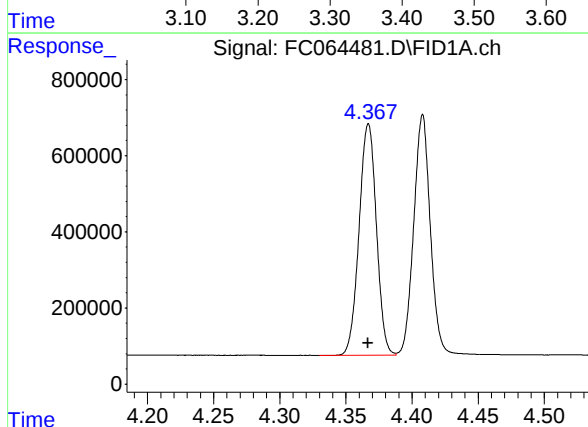
ClientSampleId :

SU-02-083023MS

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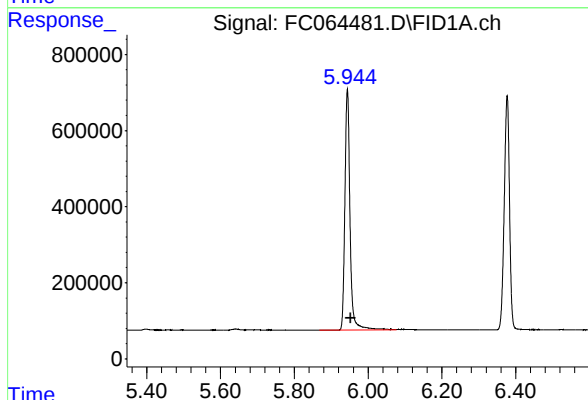
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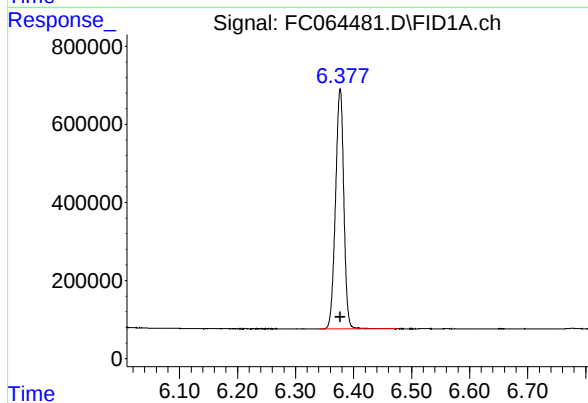
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 5541413
Conc: 31.59 ug/ml



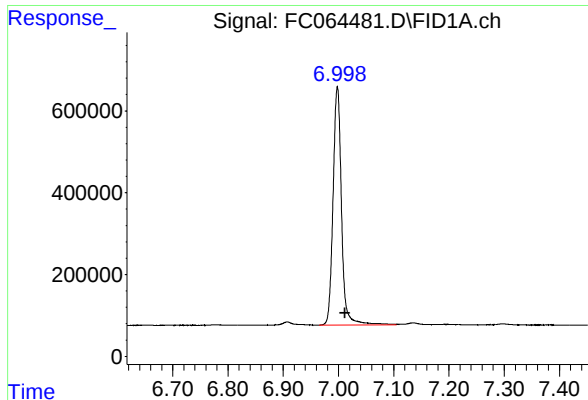
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.009 min
Response: 6120187
Conc: 32.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 6113127
Conc: 34.30 ug/ml



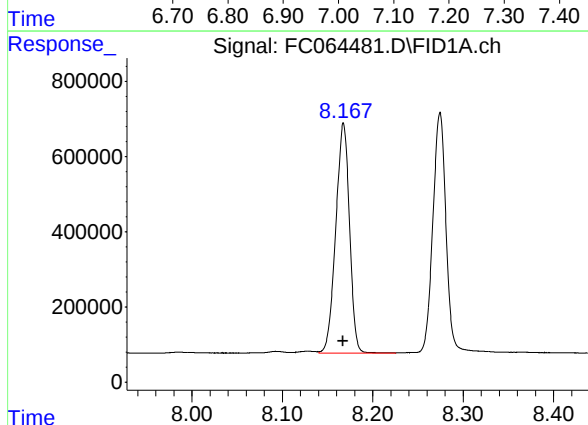
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 6213515
Conc: 34.93 ug/ml

Instrument :
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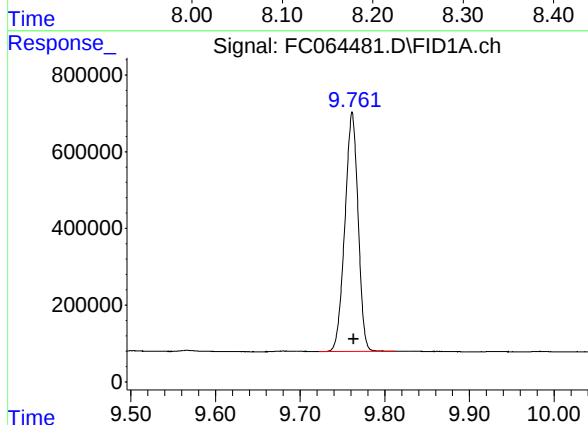
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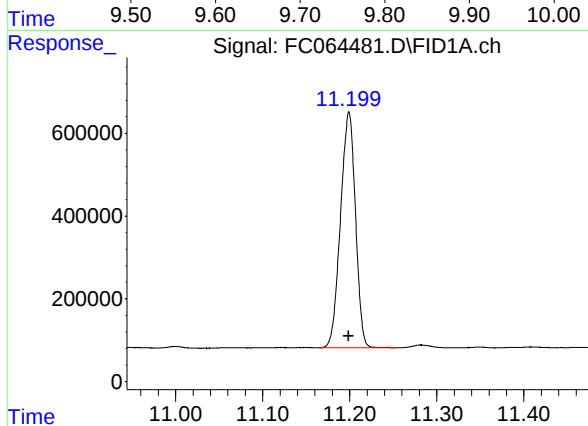
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 6449494
Conc: 36.97 ug/ml



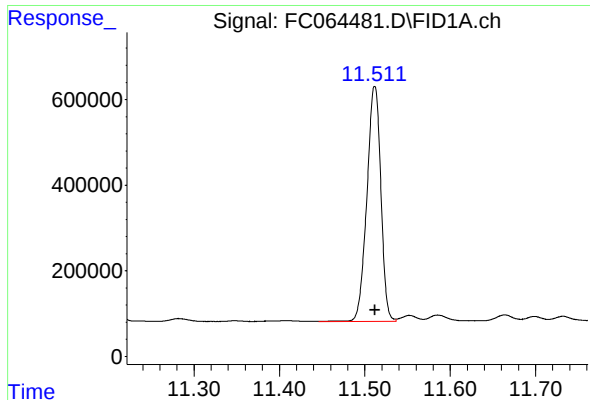
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.002 min
Response: 6772265
Conc: 39.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.199 min
Delta R.T.: 0.000 min
Response: 6826510
Conc: 38.99 ug/ml



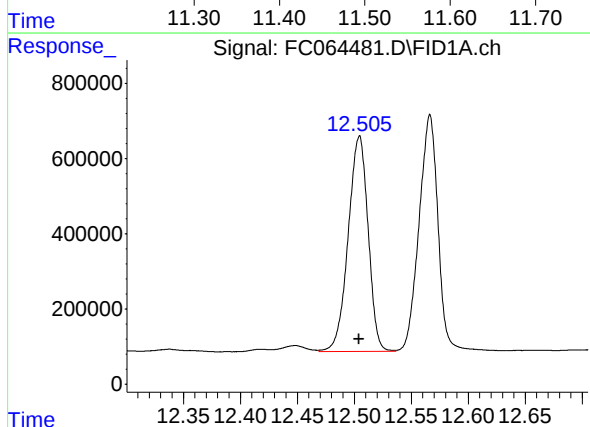
#9 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 6249922
Conc: 29.44 ug/ml

Instrument :
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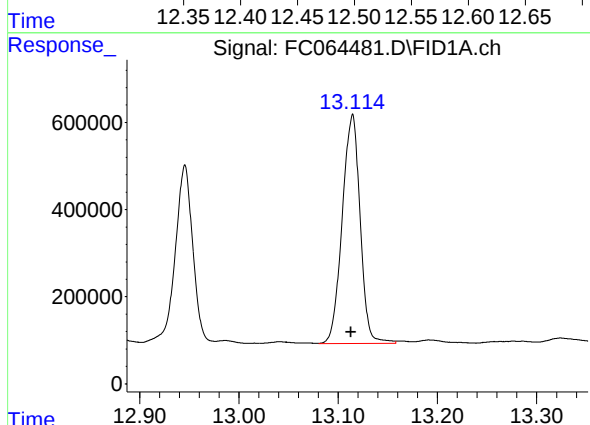
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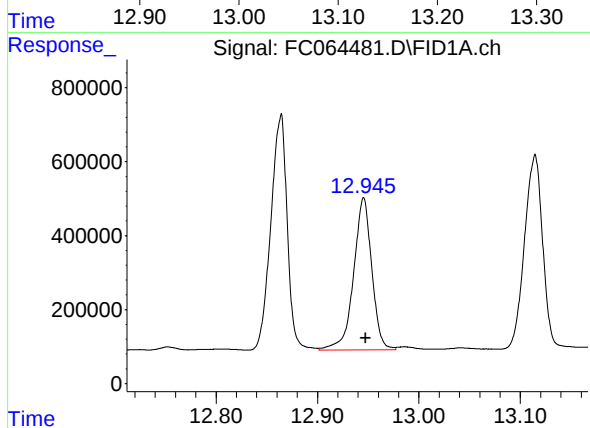
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 6969720
Conc: 41.20 ug/ml



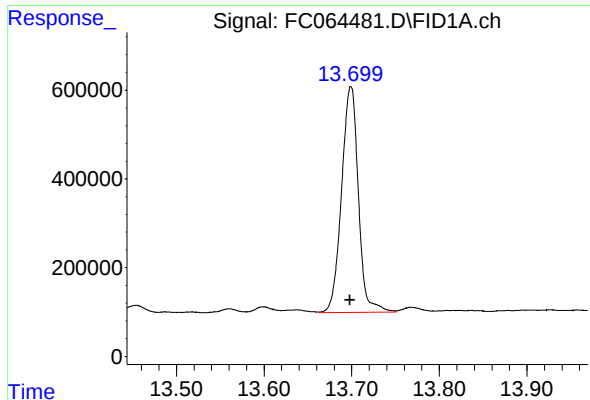
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.002 min
Response: 6621365
Conc: 39.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: -0.002 min
Response: 5143399
Conc: 33.73 ug/ml



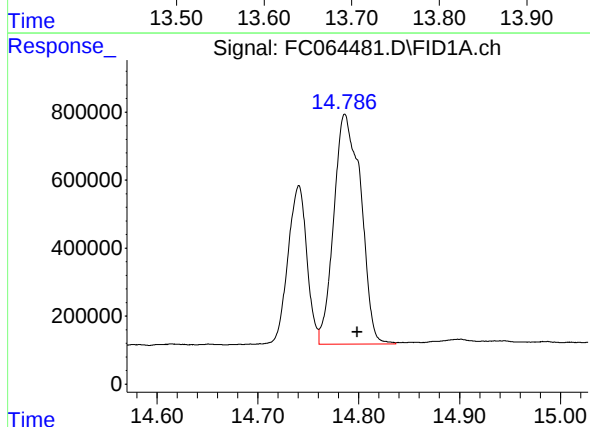
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 6781747
Conc: 41.58 ug/ml

Instrument :
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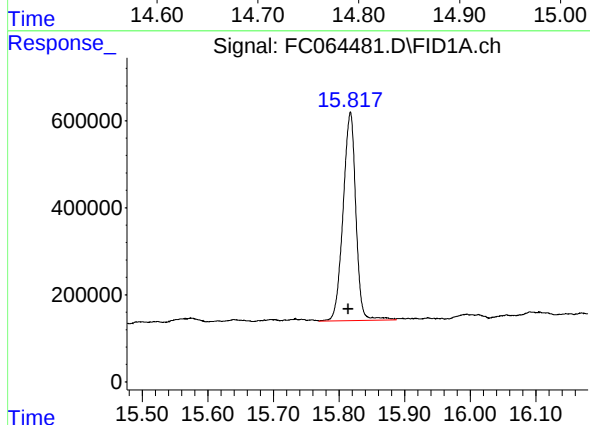
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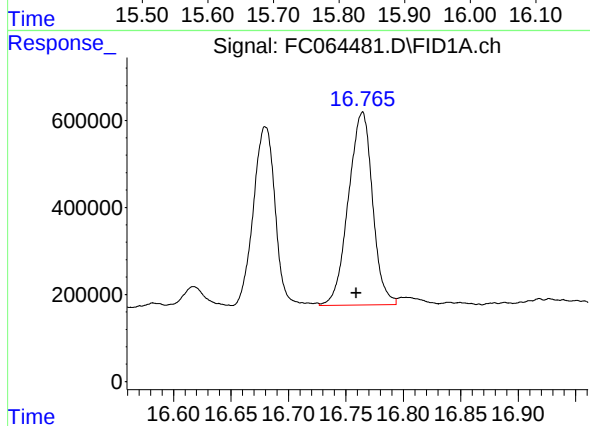
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.012 min
Response: 12544387
Conc: 78.77 ug/ml



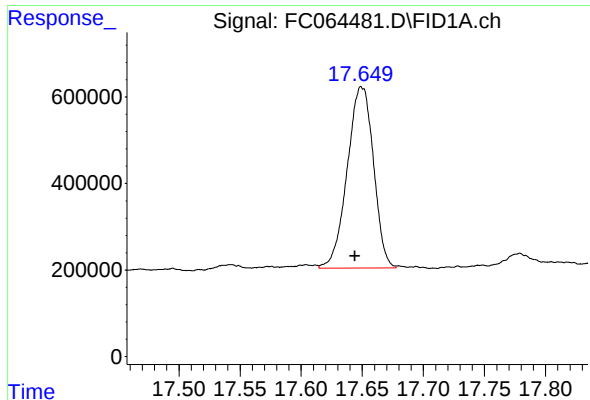
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.004 min
Response: 6491299
Conc: 42.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.006 min
Response: 6494222
Conc: 43.87 ug/ml m



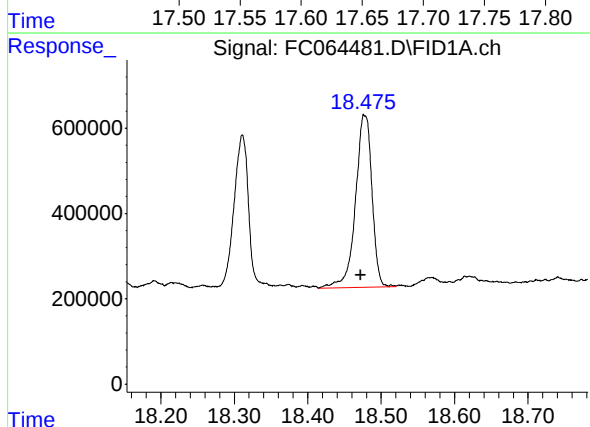
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.005 min
Response: 6279866
Conc: 42.99 ug/ml

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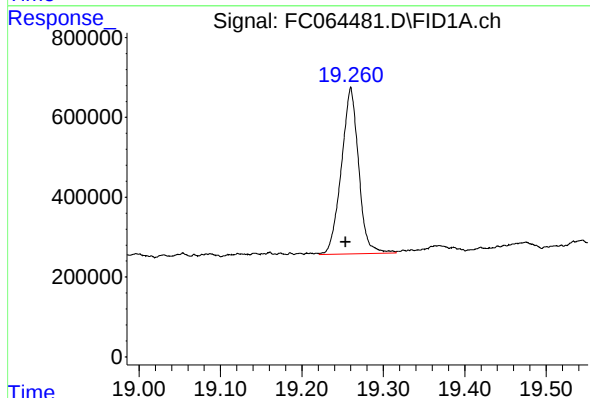
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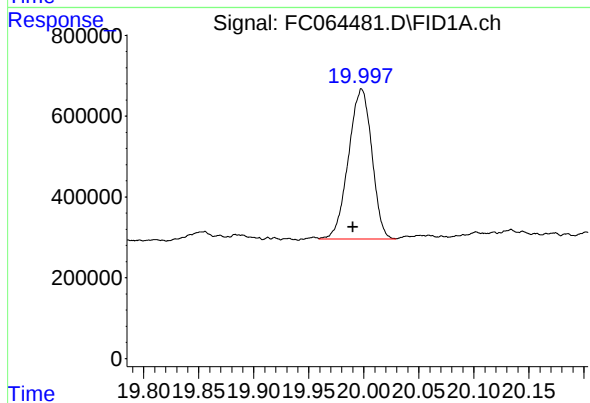
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.005 min
Response: 6300945
Conc: 44.61 ug/ml



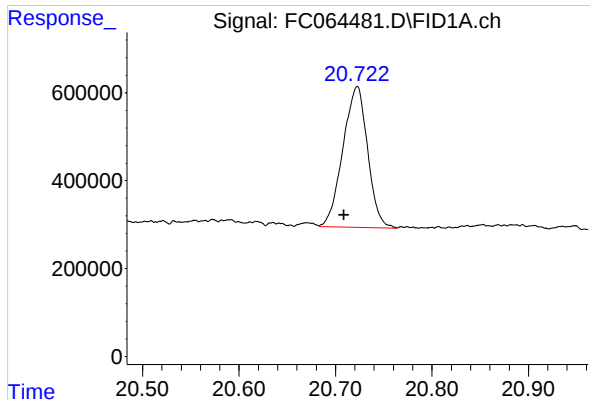
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.006 min
Response: 6140077
Conc: 45.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.997 min
Delta R.T.: 0.007 min
Response: 5485624
Conc: 42.87 ug/ml m



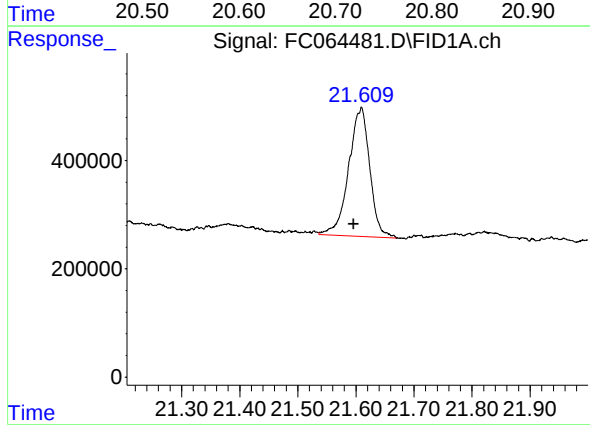
#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.014 min
Response: 5662402
Conc: 46.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: 0.013 min
Response: 5999988
Conc: 51.67 ug/ml m