

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071723AL\
 Data File : FC064125.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2023 16:18
 Operator : YP/AJ
 Sample : 03617-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 VNJ-214-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
 Quant Time: Jul 18 01:48:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.522	5575519	28.716 ug/ml
Spiked Amount 50.000		Recovery =	57.43%
12) S 1-chlorooctadecane (S...	12.955	4504665	32.377 ug/ml
Spiked Amount 50.000		Recovery =	64.75%
Target Compounds			
1) T n-Nonane (C9)	3.307	5719154	32.067 ug/ml
2) T n-Decane (C10)	4.370	6304784	34.842 ug/ml
3) T A~Naphthalene (C11.7)	5.949	7375020	39.538 ug/ml
4) T n-Dodecane (C12)	6.382	7048011	39.123 ug/ml
5) T A~2-methylnaphthalene...	7.004	7593829	43.149 ug/ml
6) T n-Tetradecane (C14)	8.175	7752523	44.815 ug/ml
7) T n-Hexadecane (C16)	9.770	8067228	46.441 ug/ml
8) T n-Octadecane (C18)	11.210	8232801	47.769 ug/ml
10) T n-Eicosane (C20)	12.516	7884288	48.297 ug/ml
11) T n-Heneicosane (C21)	13.124	7707640	48.106 ug/ml
13) T n-Docosane (C22)	13.708	7635270	48.590 ug/ml
14) T n-Tetracosane (C24)	14.795	15054697	95.511 ug/ml
15) T n-Hexacosane (C26)	15.828	7317329	48.432 ug/ml
16) T n-Octacosane (C28)	16.773	7327151	48.627 ug/ml
17) T n-Tricontane (C30)	17.659	7190627	46.056 ug/ml
18) T n-Dotriacontane (C32)	18.487	7138547	45.187 ug/ml
19) T n-Tetratriacontane (C34)	19.266	6848797	44.508 ug/mlm
20) T n-Hexatriacontane (C36)	20.006	6607914	44.758 ug/mlm
21) T n-Octatriacontane (C38)	20.730	6402765	43.225 ug/ml
22) T n-Tetracontane (C40)	21.619	6357927	43.620 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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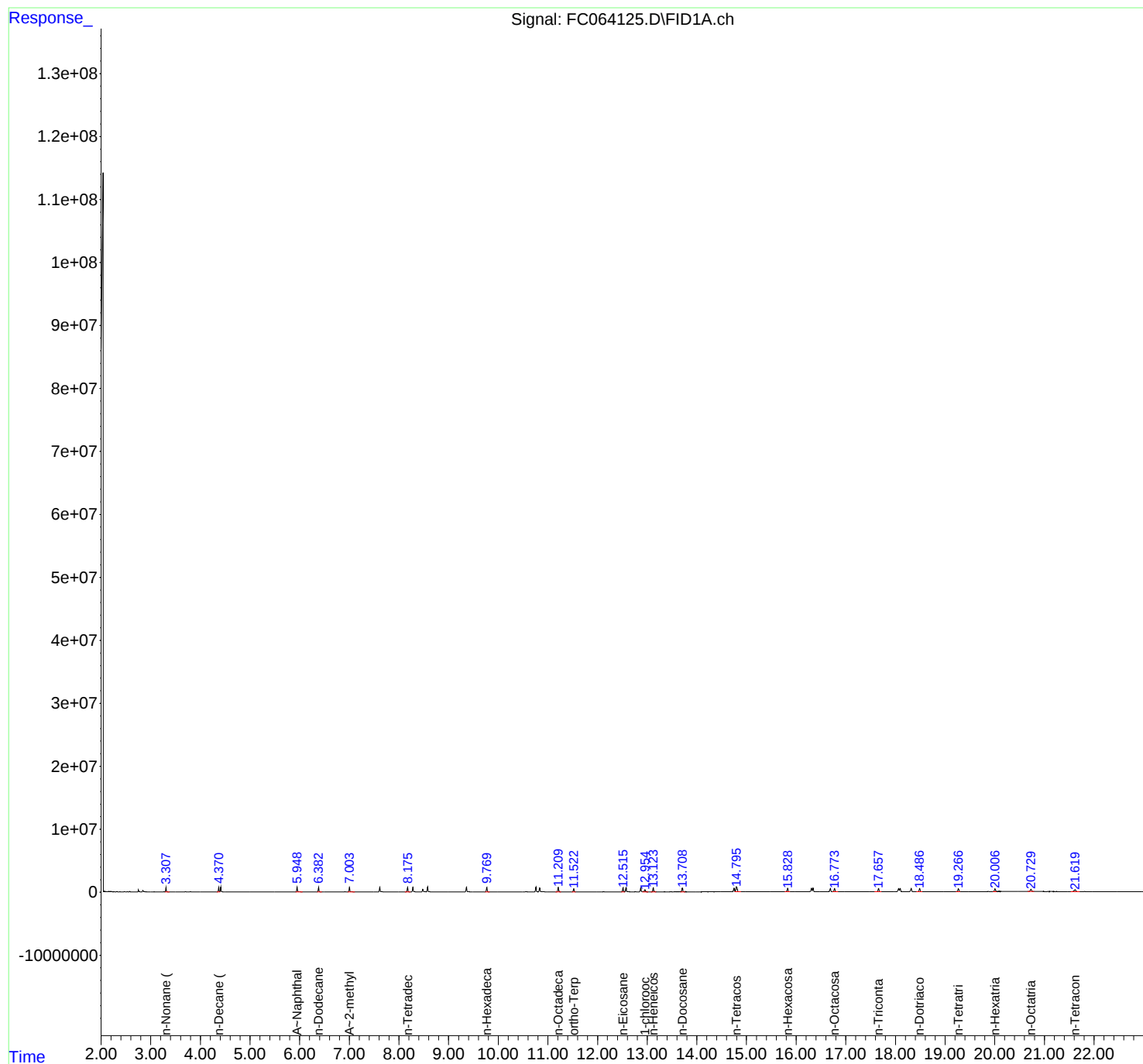
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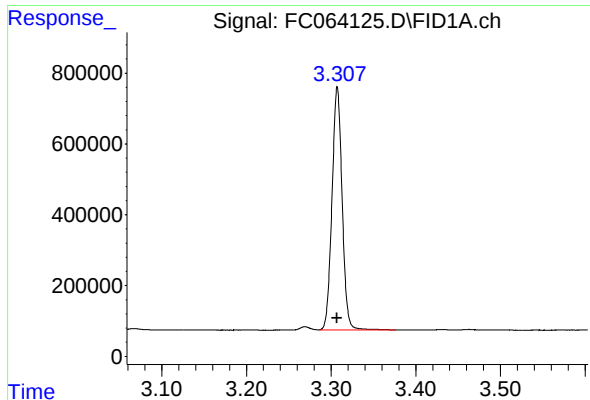
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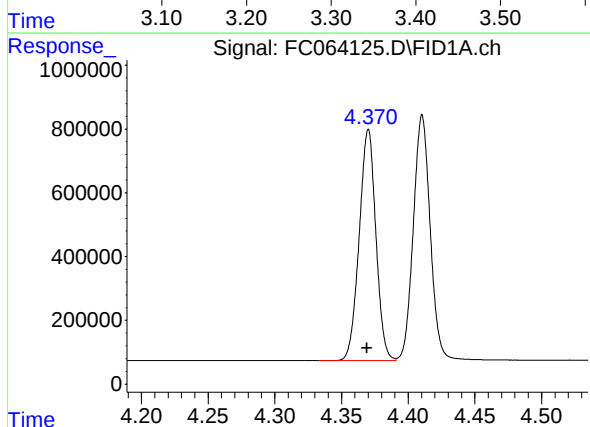
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: 0.000 min
Response: 5719154
Conc: 32.07 ug/ml

Instrument :
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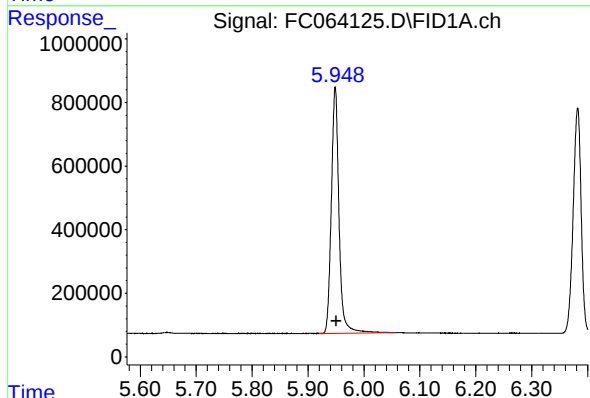
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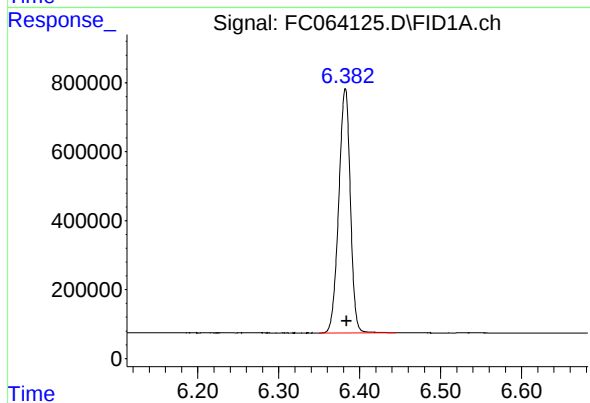
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.001 min
Response: 6304784
Conc: 34.84 ug/ml



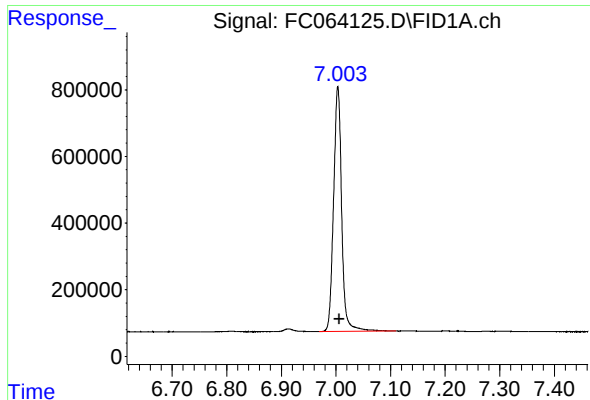
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 7375020
Conc: 39.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 7048011
Conc: 39.12 ug/ml



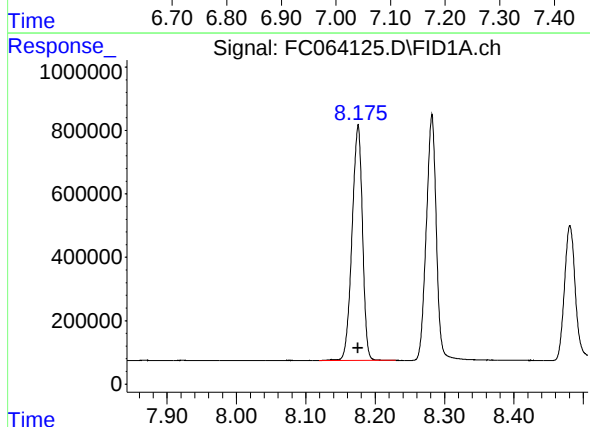
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 7593829
Conc: 43.15 ug/ml

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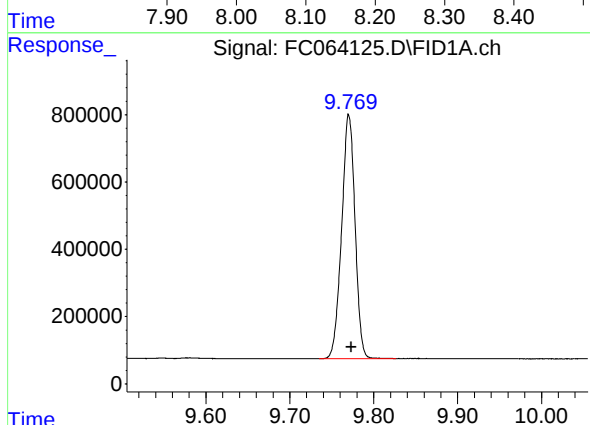
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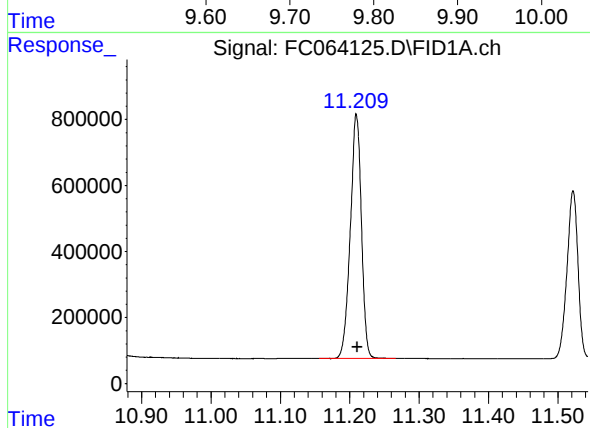
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 7752523
Conc: 44.82 ug/ml



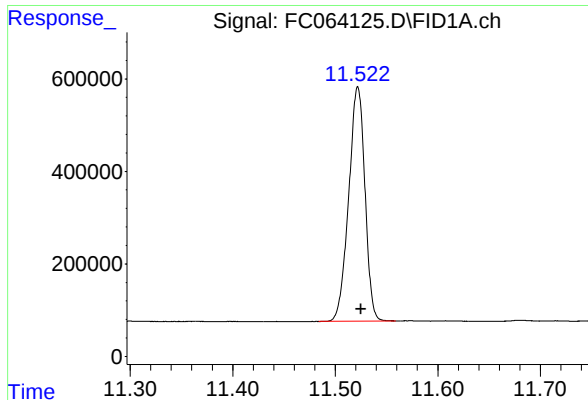
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 8067228
Conc: 46.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.001 min
Response: 8232801
Conc: 47.77 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.003 min
Response: 5575519
Conc: 28.72 ug/ml

Instrument :

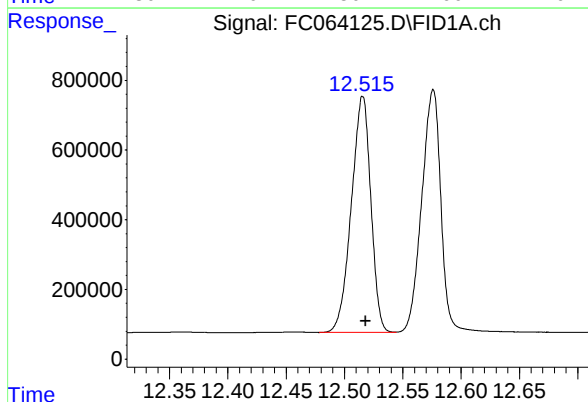
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ClientSampleId :

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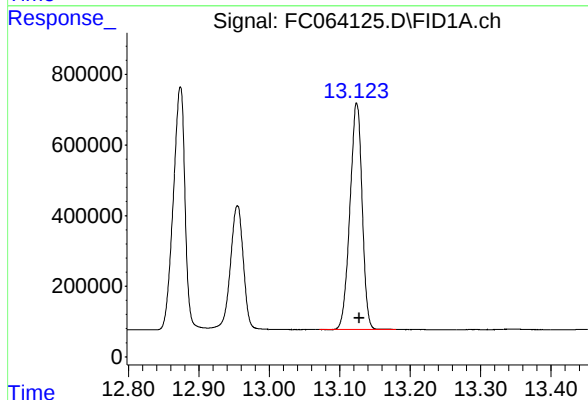
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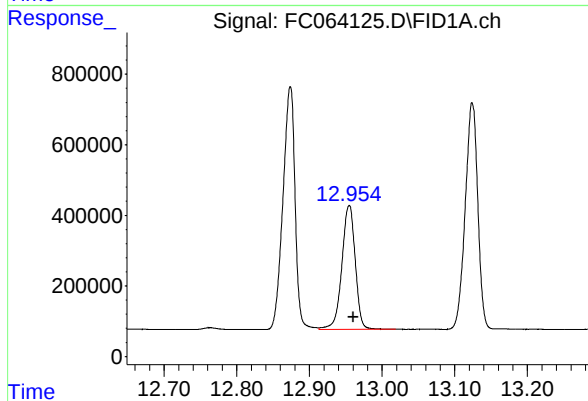
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.002 min
Response: 7884288
Conc: 48.30 ug/ml



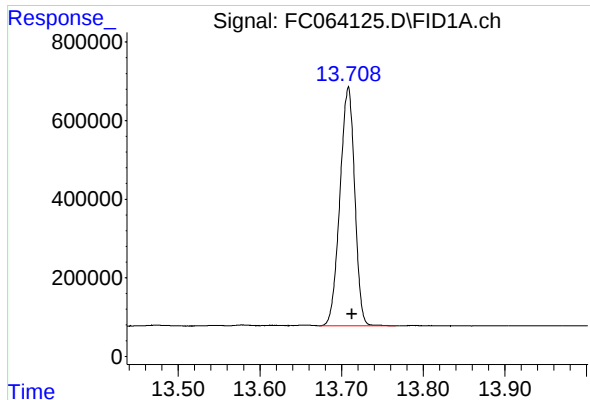
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 7707640
Conc: 48.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: -0.006 min
Response: 4504665
Conc: 32.38 ug/ml



#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.004 min
Response: 7635270
Conc: 48.59 ug/ml

Instrument :

FID_C

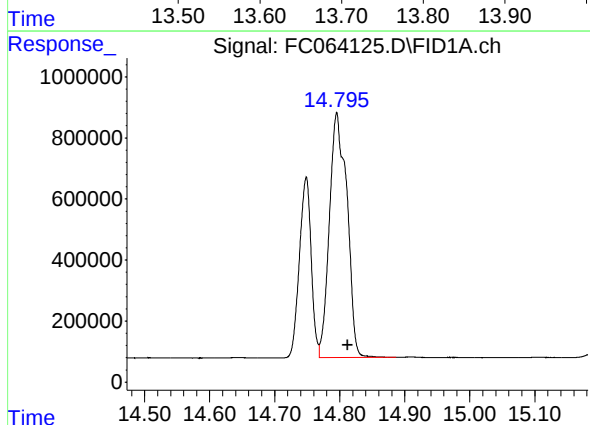
ClientSampleId :

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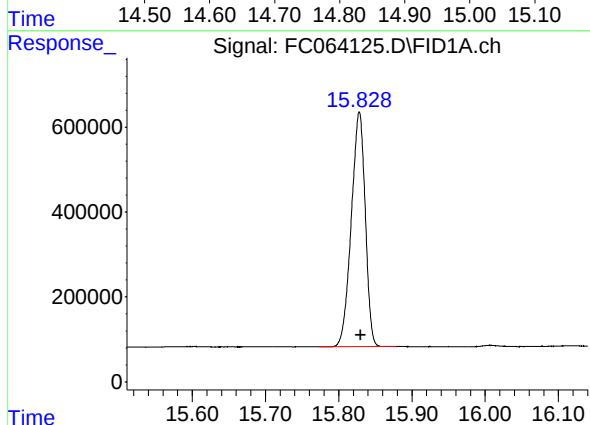
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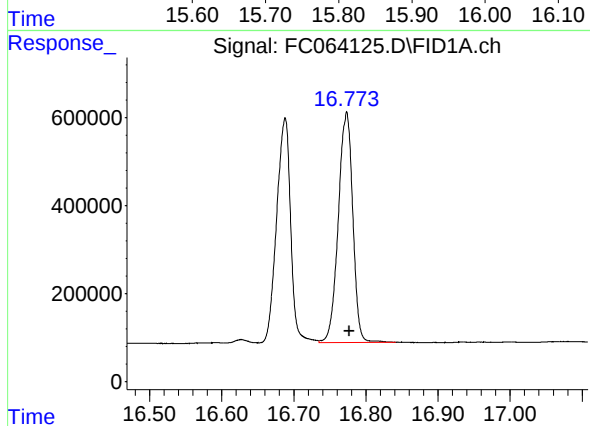
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.017 min
Response: 15054697
Conc: 95.51 ug/ml



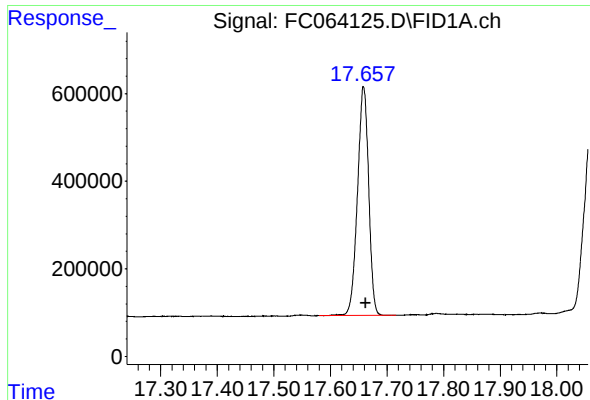
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: -0.002 min
Response: 7317329
Conc: 48.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: -0.003 min
Response: 7327151
Conc: 48.63 ug/ml



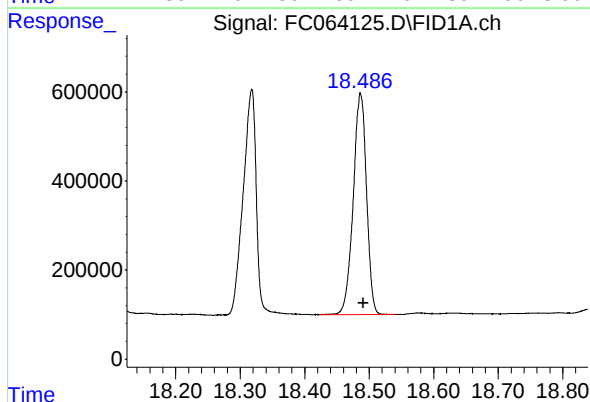
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.004 min
Response: 7190627
Conc: 46.06 ug/ml

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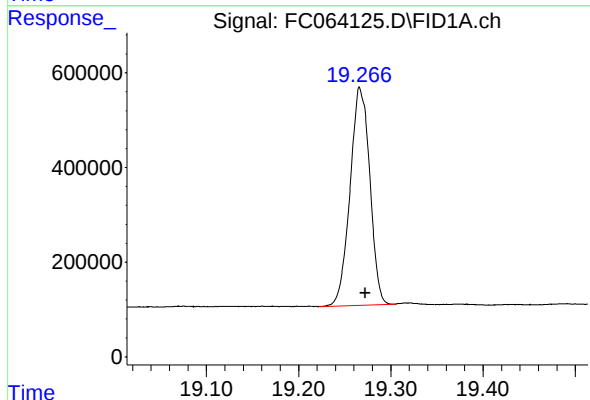
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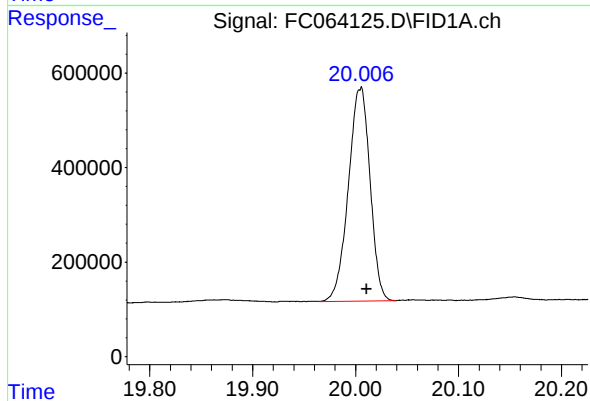
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.004 min
Response: 7138547
Conc: 45.19 ug/ml



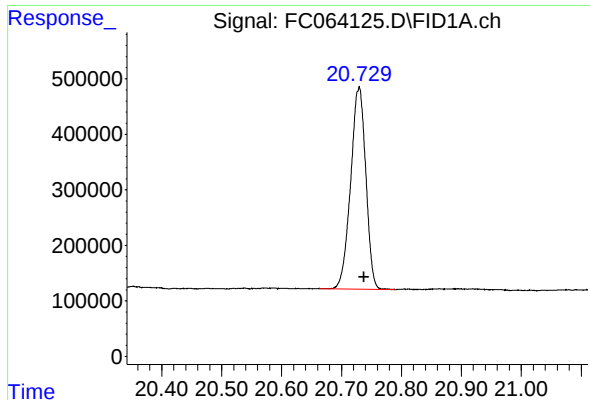
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.007 min
Response: 6848797
Conc: 44.51 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.005 min
Response: 6607914
Conc: 44.76 ug/ml m



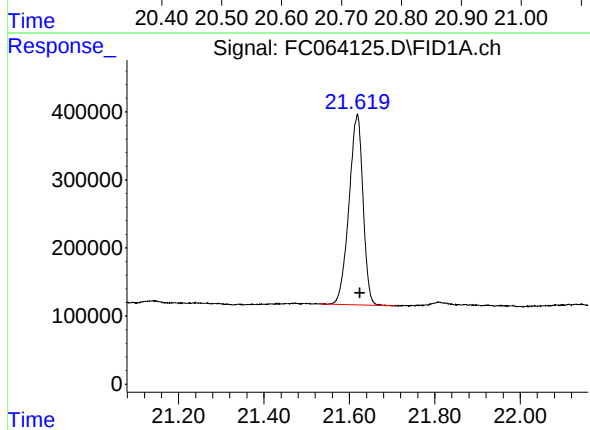
#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.008 min
Response: 6402765
Conc: 43.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.006 min
Response: 6357927
Conc: 43.62 ug/ml