

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
 Data File : FC067086.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 19:29
 Operator : YP/AJ
 Sample : P3902-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: sample.E
 Quant Time: Sep 11 02:57:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.508	3852643	27.668 ug/ml
Spiked Amount 50.000		Recovery =	55.34%
12) S 1-chlorooctadecane (S...	12.946	2892887	29.614 ug/ml
Spiked Amount 50.000		Recovery =	59.23%
Target Compounds			
1) T n-Nonane (C9)	3.288	4689245	35.351 ug/ml
2) T n-Decane (C10)	4.349	4903134	36.507 ug/ml
3) T A~Naphthalene (C11.7)	5.925	5201473	36.598 ug/ml
4) T n-Dodecane (C12)	6.362	4742012	35.426 ug/ml
5) T A~2-methylnaphthalene...	6.980	4579895	34.297 ug/ml
6) T n-Tetradecane (C14)	8.157	4794107	37.199 ug/mlm
7) T n-Hexadecane (C16)	9.755	4744880	36.803 ug/ml
8) T n-Octadecane (C18)	11.196	4656636	36.396 ug/ml
10) T n-Eicosane (C20)	12.505	4652938	38.738 ug/ml
11) T n-Heneicosane (C21)	13.116	4469983	38.272 ug/ml
13) T n-Docosane (C22)	13.701	4397458	38.086 ug/ml
14) T n-Tetracosane (C24)	14.803	4360804	38.400 ug/ml
15) T n-Hexacosane (C26)	15.825	4331334	39.081 ug/ml
16) T n-Octacosane (C28)	16.773	4319436	39.988 ug/mlm
17) T n-Tricontane (C30)	17.661	4358581	40.070 ug/ml
18) T n-Dotriacontane (C32)	18.492	4388009	42.069 ug/ml
19) T n-Tetratriacontane (C34)	19.274	4363740	47.299 ug/ml
20) T n-Hexatriacontane (C36)	20.014	4157516	52.462 ug/ml
21) T n-Octatriacontane (C38)	20.740	4344933	57.843 ug/ml
22) T n-Tetracontane (C40)	21.636	6483798	92.805 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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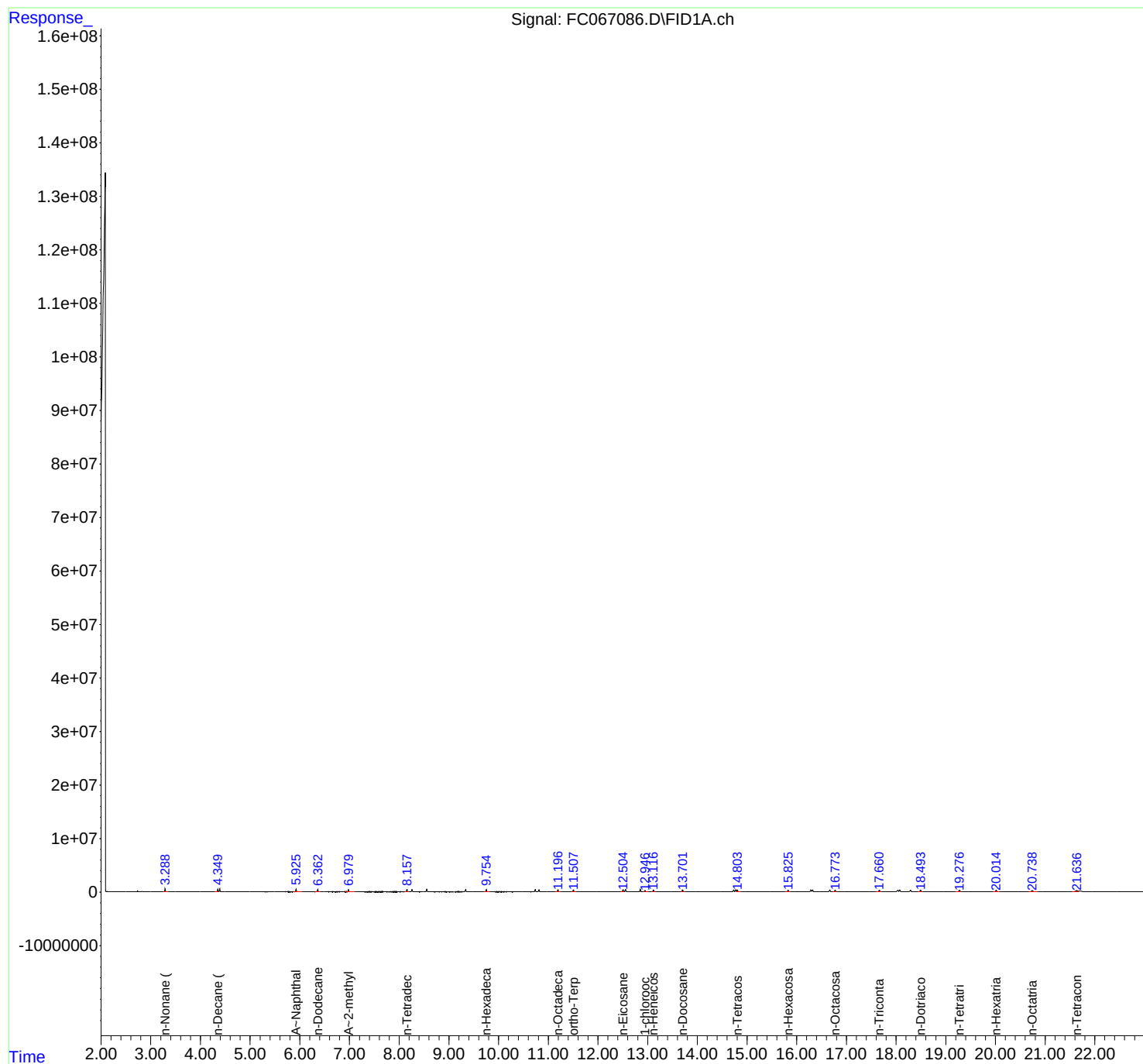
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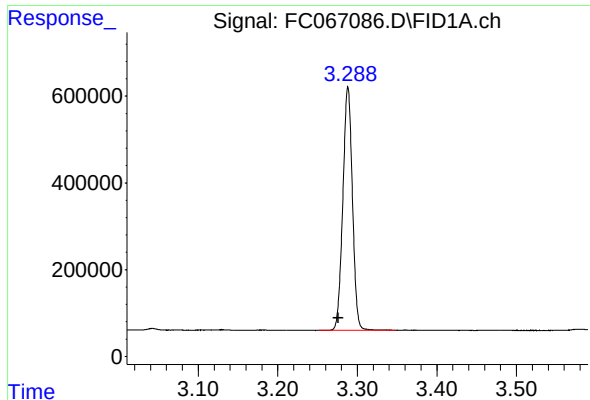
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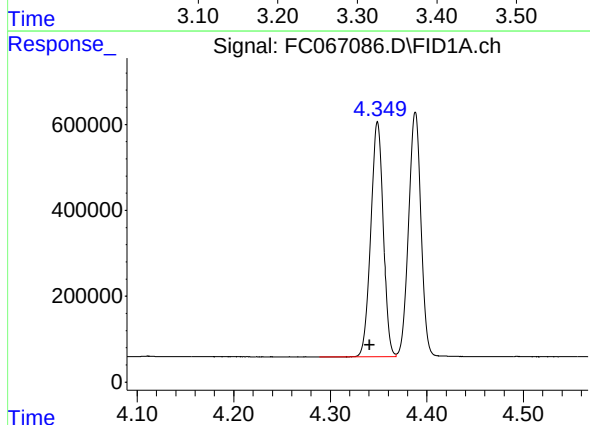
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.012 min
Response: 4689245
Conc: 35.35 ug/ml

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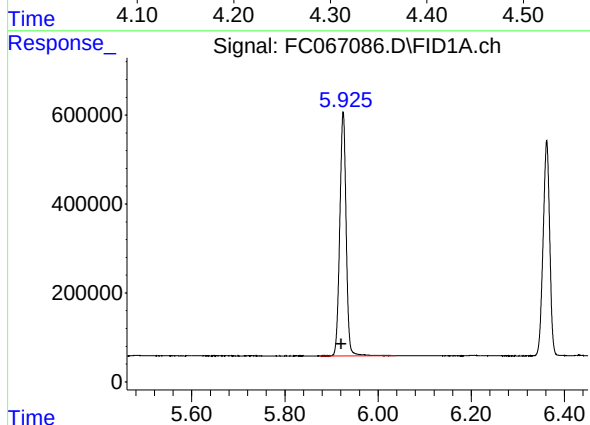
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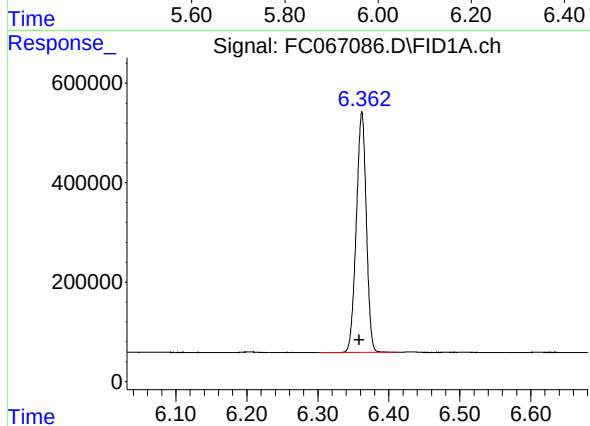
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.008 min
Response: 4903134
Conc: 36.51 ug/ml



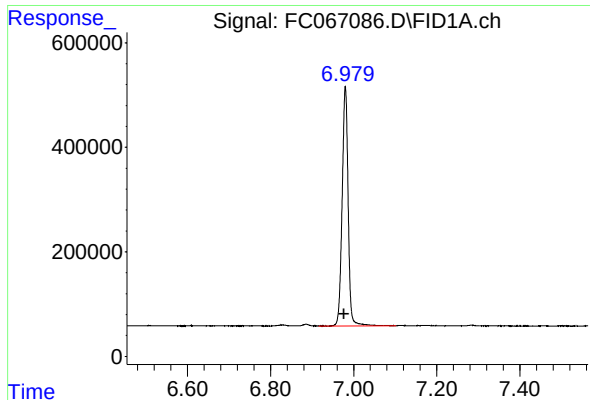
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.004 min
Response: 5201473
Conc: 36.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.003 min
Response: 4742012
Conc: 35.43 ug/ml



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

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 4579895
Conc: 34.30 ug/ml

Instrument :

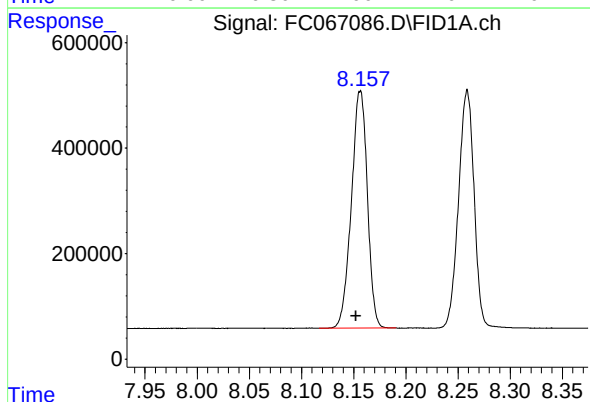
FID_C

ClientSampleId :

1MSD

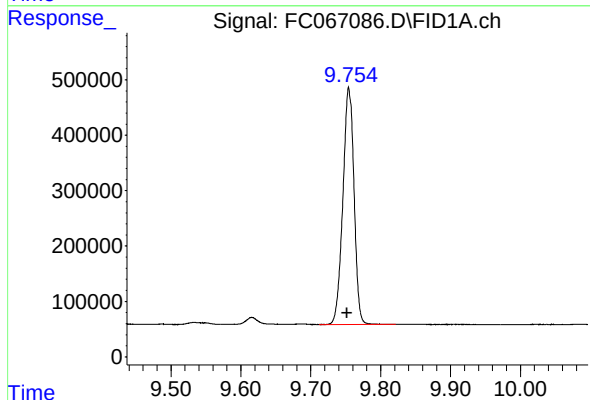
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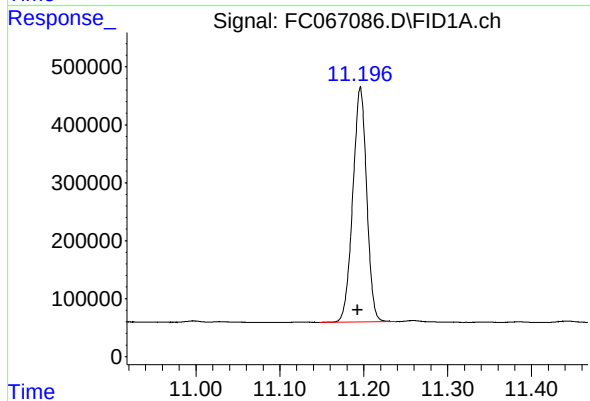
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.005 min
Response: 4794107
Conc: 37.20 ug/ml m



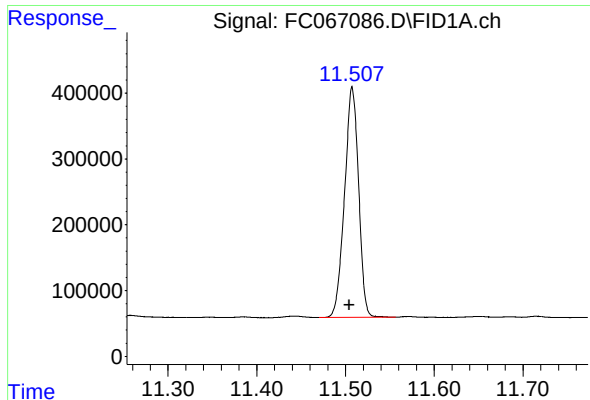
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 4744880
Conc: 36.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 4656636
Conc: 36.40 ug/ml



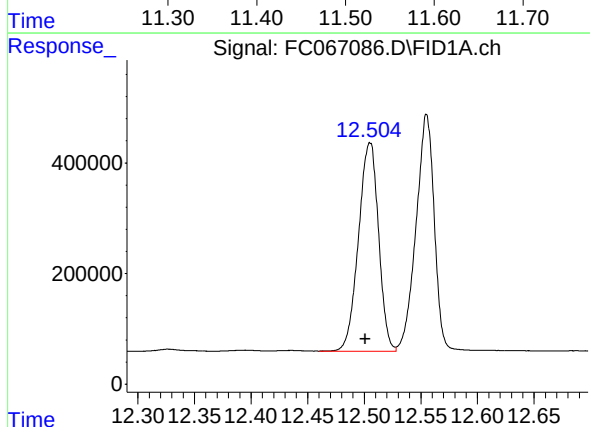
#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: 0.004 min
Response: 3852643
Conc: 27.67 ug/ml

Instrument :
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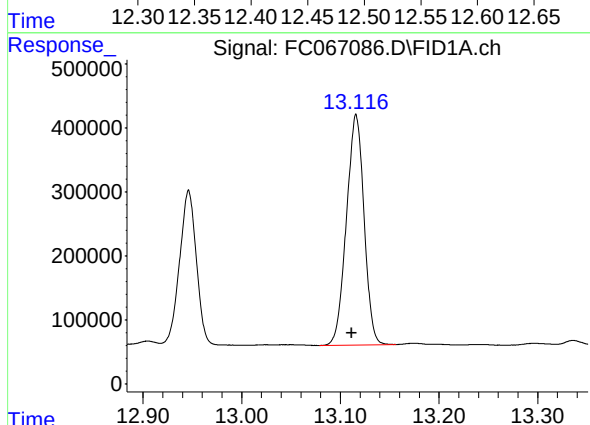
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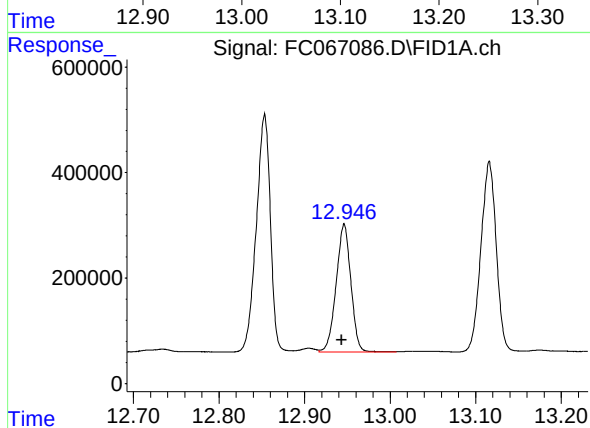
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.004 min
Response: 4652938
Conc: 38.74 ug/ml



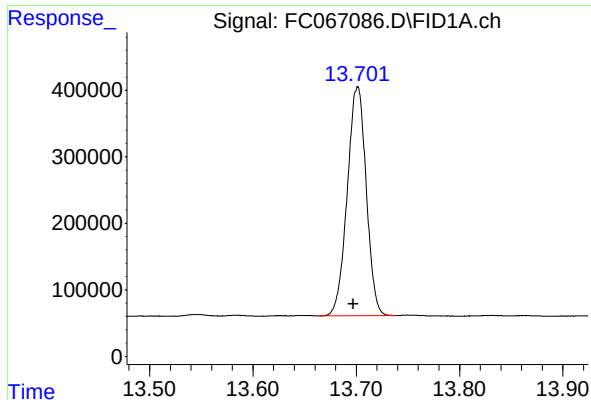
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.004 min
Response: 4469983
Conc: 38.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: 0.003 min
Response: 2892887
Conc: 29.61 ug/ml



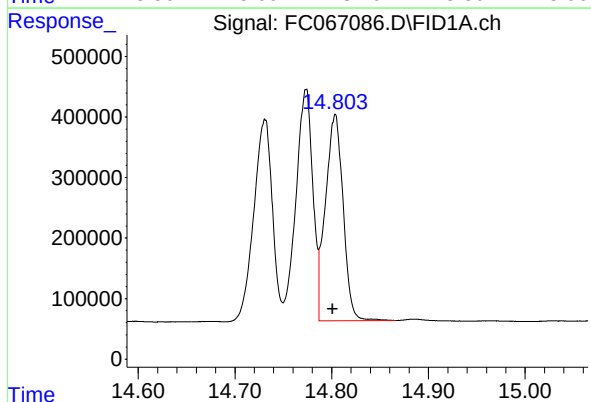
#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: 0.004 min
Response: 4397458
Conc: 38.09 ug/ml

Instrument :
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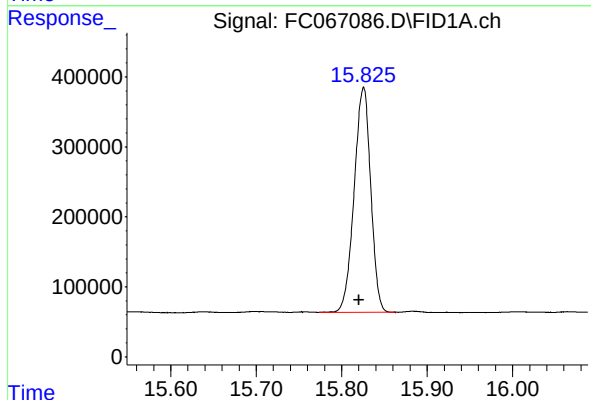
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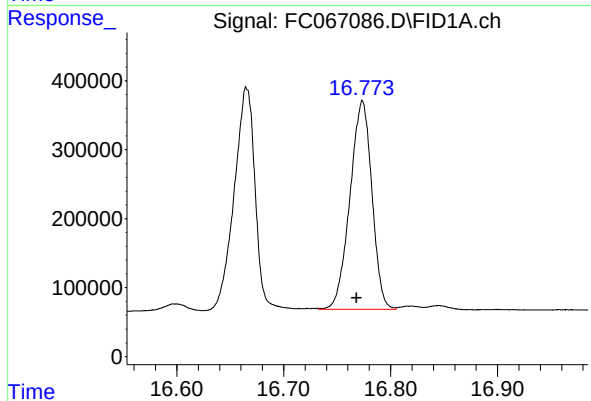
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: 0.003 min
Response: 4360804
Conc: 38.40 ug/ml



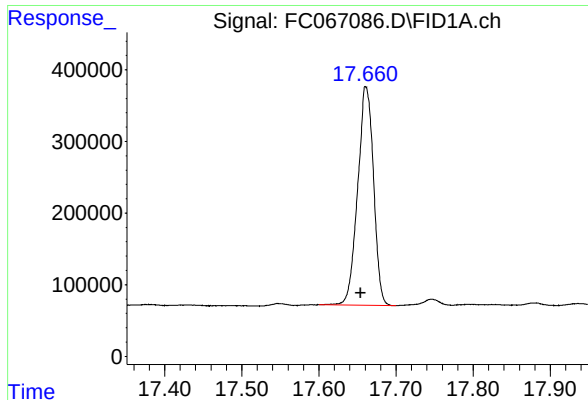
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.005 min
Response: 4331334
Conc: 39.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.005 min
Response: 4319436
Conc: 39.99 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: 0.007 min
Response: 4358581
Conc: 40.07 ug/ml

Instrument :

FID_C

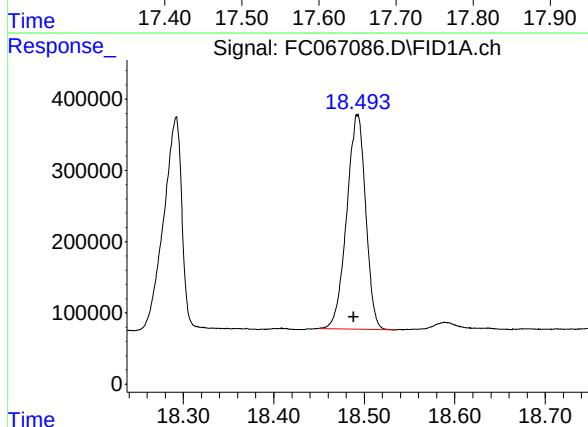
ClientSampleId :

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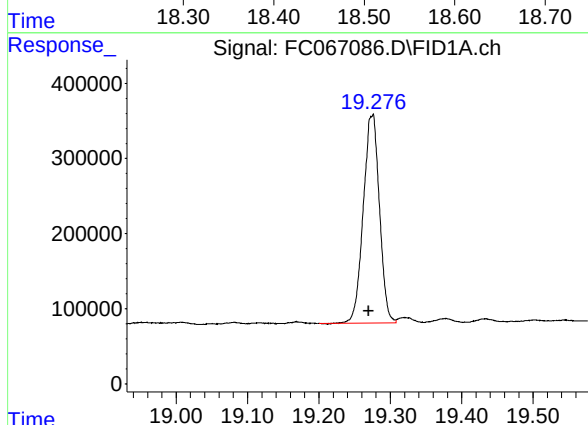
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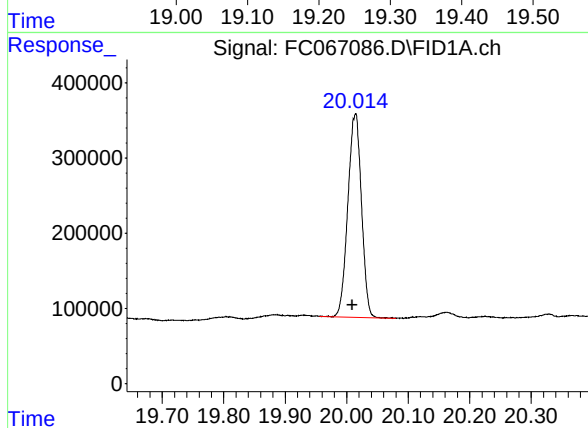
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.004 min
Response: 4388009
Conc: 42.07 ug/ml



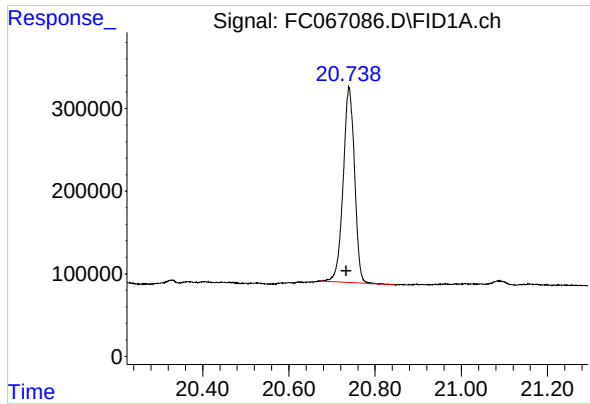
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.005 min
Response: 4363740
Conc: 47.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: 0.005 min
Response: 4157516
Conc: 52.46 ug/ml



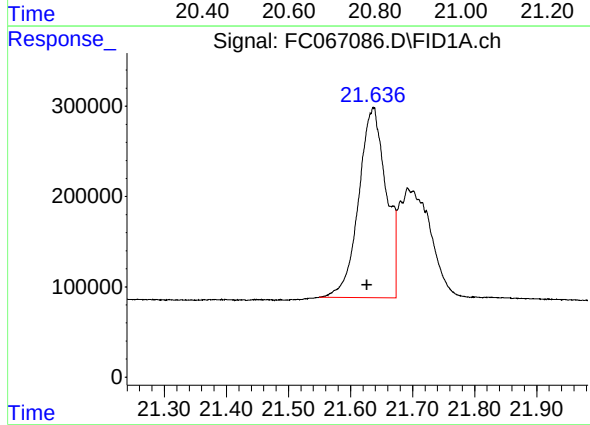
#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: 0.006 min
Response: 4344933
Conc: 57.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.636 min
Delta R.T.: 0.009 min
Response: 6483798
Conc: 92.81 ug/ml m