

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112024AL\
 Data File : FC067828.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2024 15:04
 Operator : YP/AJ
 Sample : PB165131BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165131BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/21/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e

Quant Time: Nov 21 01:05:34 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:13:15 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)	11.504	6361456	32.812 ug/ml
Spiked Amount 50.000		Recovery =	65.62%
12) S 1-chlorooctadecane (S...	12.941	4725690	32.555 ug/ml
Spiked Amount 50.000		Recovery =	65.11%
Target Compounds			
1) T n-Nonane (C9)	3.295	4816926	29.531 ug/ml
2) T n-Decane (C10)	4.355	5022279	30.285 ug/ml
3) T A~Naphthalene (C11.7)	5.928	5758322	31.439 ug/ml
4) T n-Dodecane (C12)	6.364	5299240	31.463 ug/ml
5) T A~2-methylnaphthalene...	6.982	5473040	30.860 ug/ml
6) T n-Tetradecane (C14)	8.157	5703566	34.057 ug/ml
7) T n-Hexadecane (C16)	9.753	5817622	33.570 ug/ml
8) T n-Octadecane (C18)	11.193	5825251	33.109 ug/ml
10) T n-Eicosane (C20)	12.499	5765739	34.241 ug/ml
11) T n-Heneicosane (C21)	13.110	5449515	33.120 ug/ml
13) T n-Docosane (C22)	13.695	5340329	32.792 ug/ml
14) T n-Tetracosane (C24)	14.766	10388775	64.775 ug/mlm
15) T n-Hexacosane (C26)	15.816	4926938	31.815 ug/ml
16) T n-Octacosane (C28)	16.763	4784603	31.681 ug/ml
17) T n-Tricontane (C30)	17.649	4761838	31.101 ug/ml
18) T n-Dotriacontane (C32)	18.478	4607433	31.196 ug/ml
19) T n-Tetratriacontane (C34)	19.260	4534045	35.947 ug/ml
20) T n-Hexatriacontane (C36)	20.000	4340790	41.504 ug/ml
21) T n-Octatriacontane (C38)	20.722	4242297	43.429 ug/ml
22) T n-Tetracontane (C40)	21.610	4937290	50.656 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB165131BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

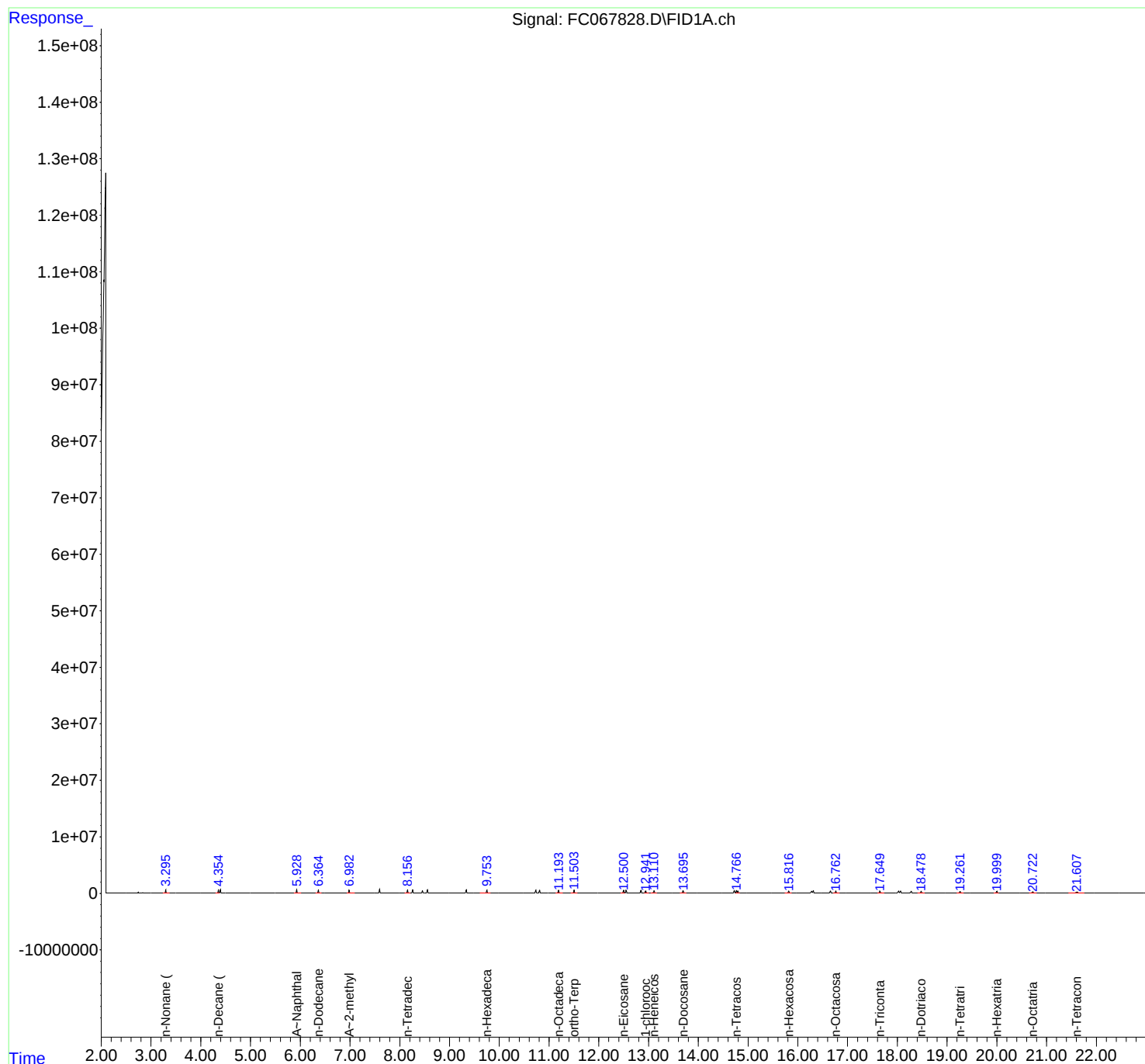
Instrument :
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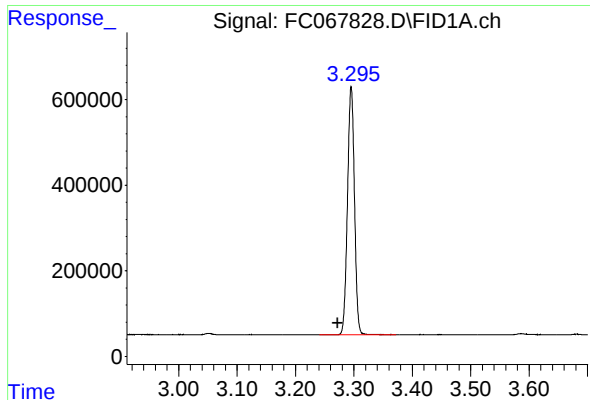
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Signal Phase : Rxi-1ms
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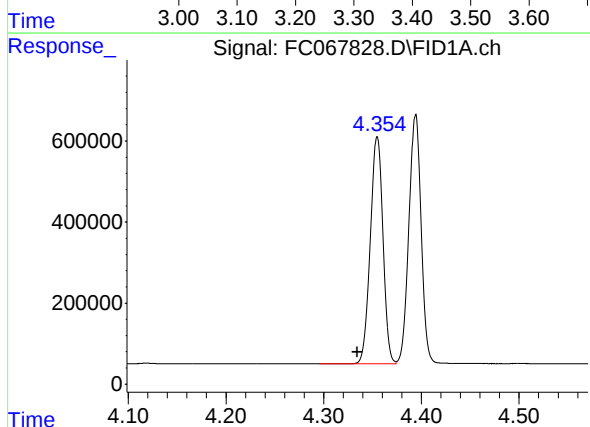
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.023 min
Response: 4816926
Conc: 29.53 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165131BS

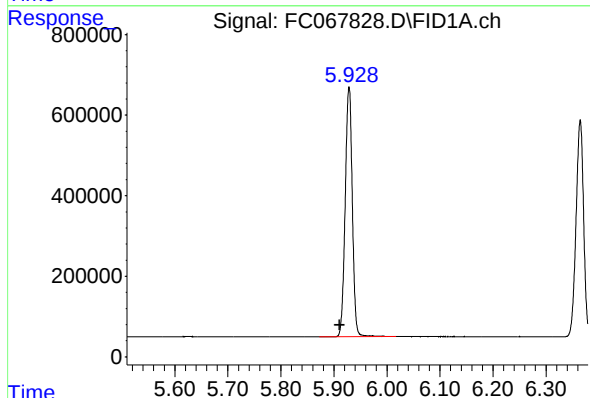
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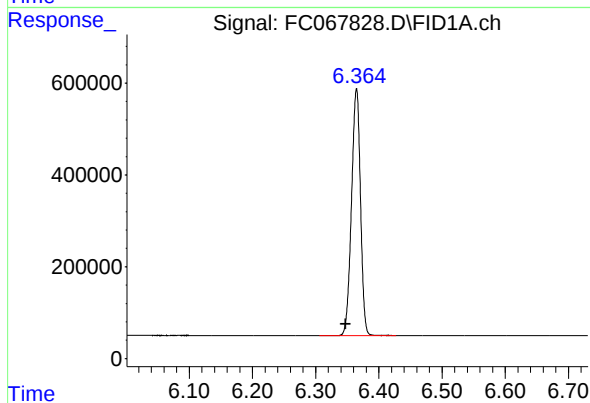
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.021 min
Response: 5022279
Conc: 30.29 ug/ml



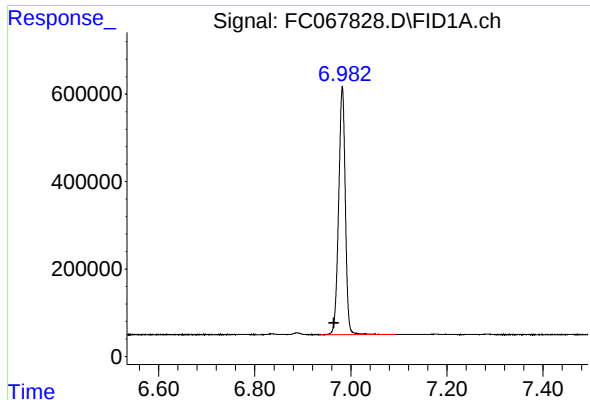
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: 0.018 min
Response: 5758322
Conc: 31.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.017 min
Response: 5299240
Conc: 31.46 ug/ml



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

R.T.: 6.982 min
Delta R.T.: 0.017 min
Response: 5473040
Conc: 30.86 ug/ml

Instrument :

FID_C

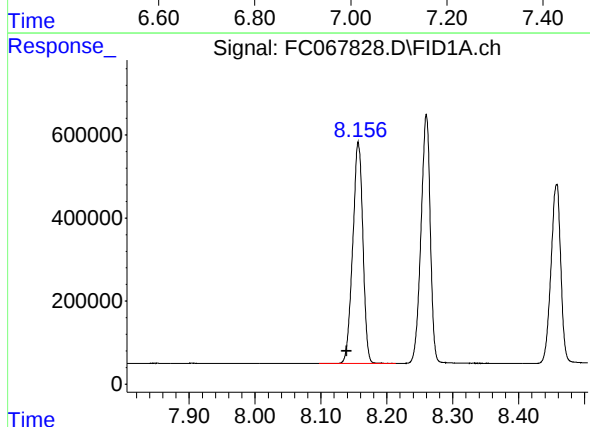
ClientSampleId :

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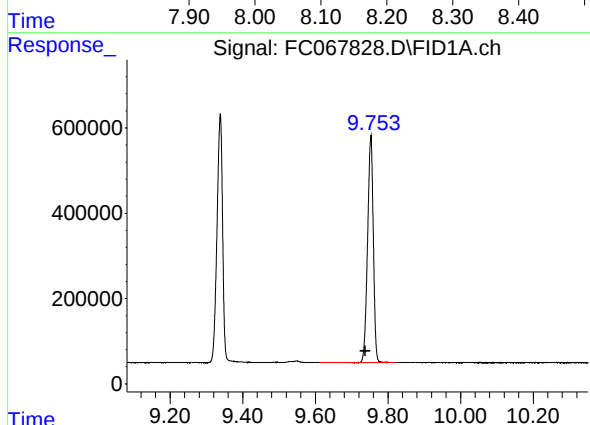
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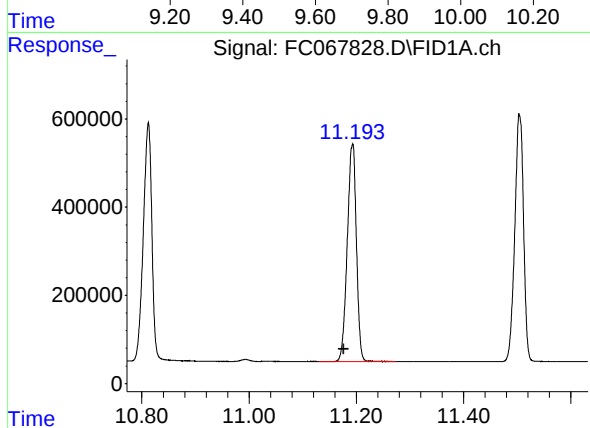
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.018 min
Response: 5703566
Conc: 34.06 ug/ml



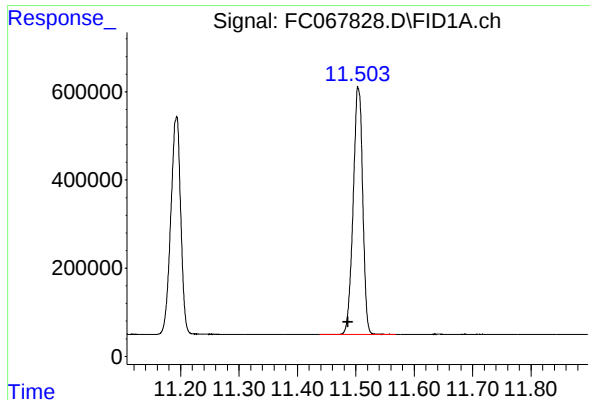
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.016 min
Response: 5817622
Conc: 33.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.016 min
Response: 5825251
Conc: 33.11 ug/ml



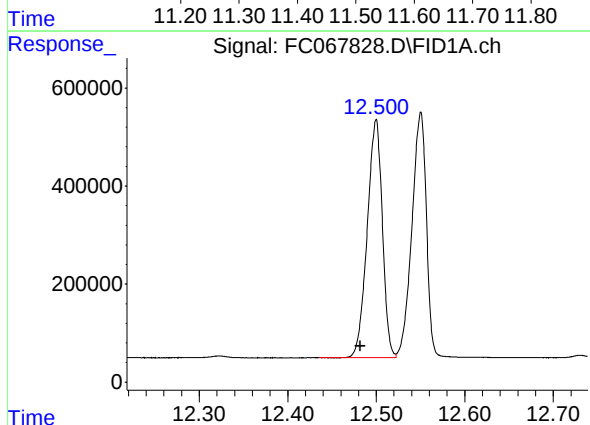
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: 0.018 min
Response: 6361456
Conc: 32.81 ug/ml

Instrument :
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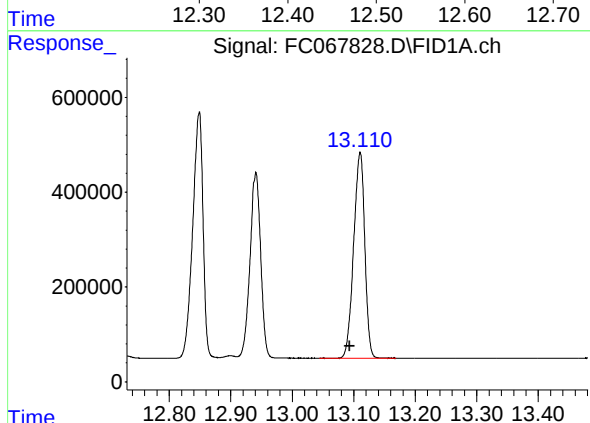
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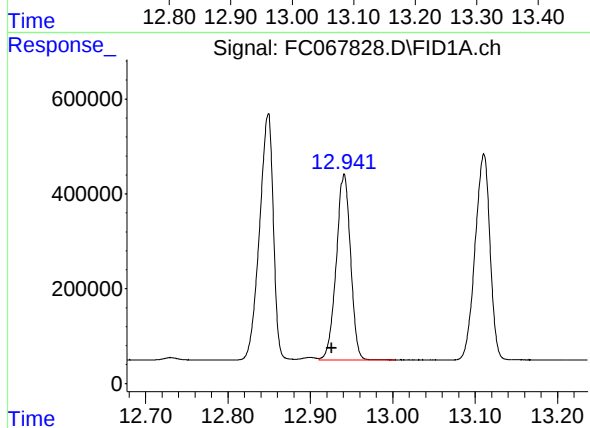
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.017 min
Response: 5765739
Conc: 34.24 ug/ml



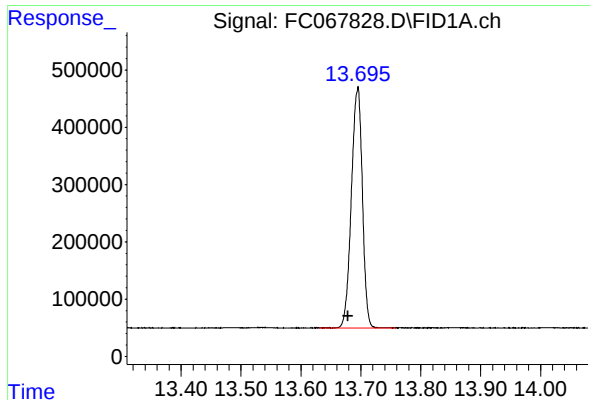
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.017 min
Response: 5449515
Conc: 33.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.015 min
Response: 4725690
Conc: 32.55 ug/ml



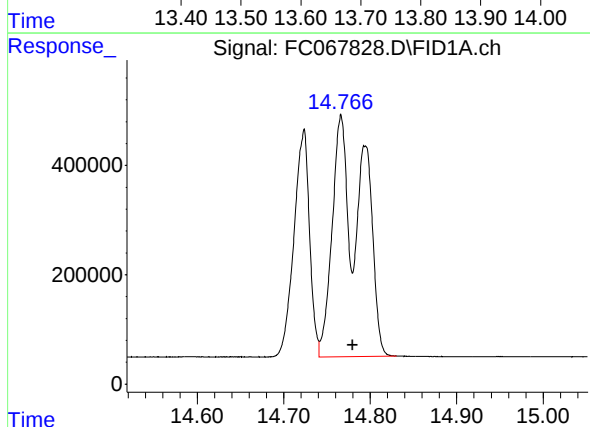
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.016 min
Response: 5340329
Conc: 32.79 ug/ml

Instrument :
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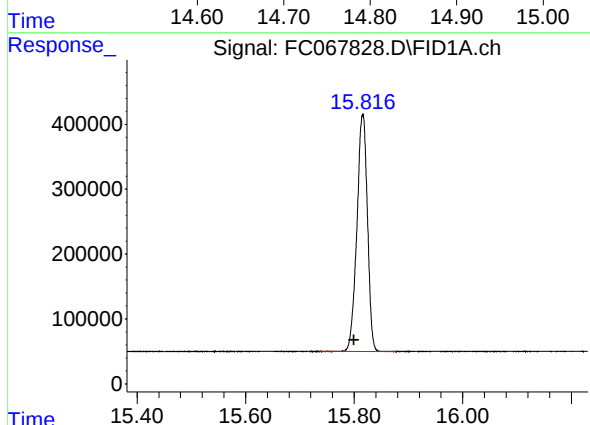
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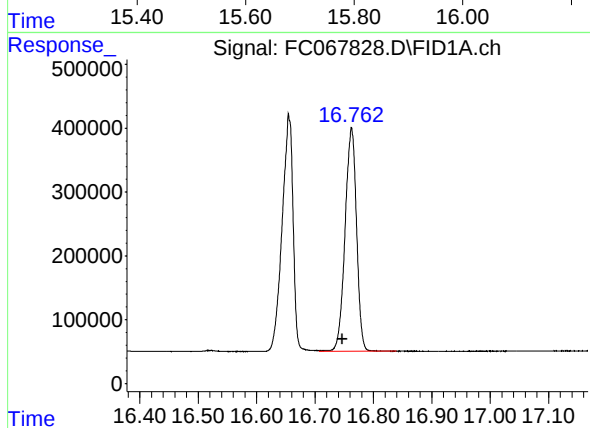
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.014 min
Response: 10388775
Conc: 64.78 ug/ml m



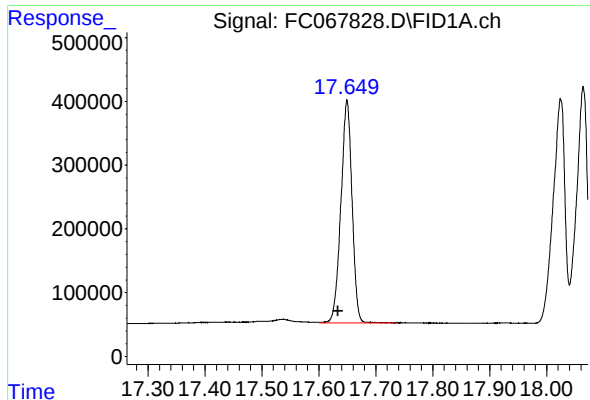
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.016 min
Response: 4926938
Conc: 31.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.016 min
Response: 4784603
Conc: 31.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.016 min
Response: 4761838
Conc: 31.10 ug/ml

Instrument :

FID_C

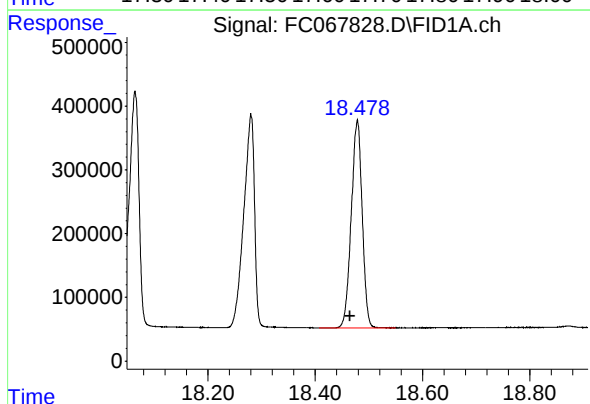
ClientSampleId :

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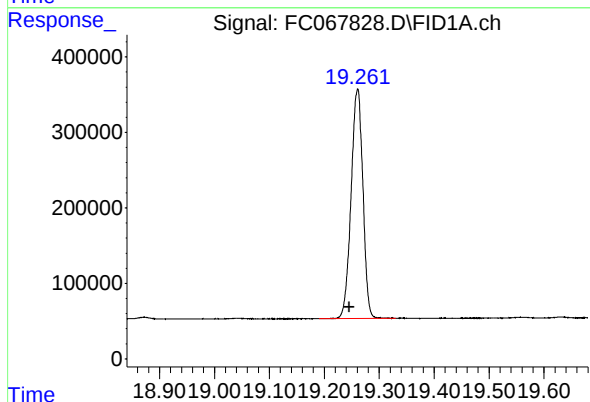
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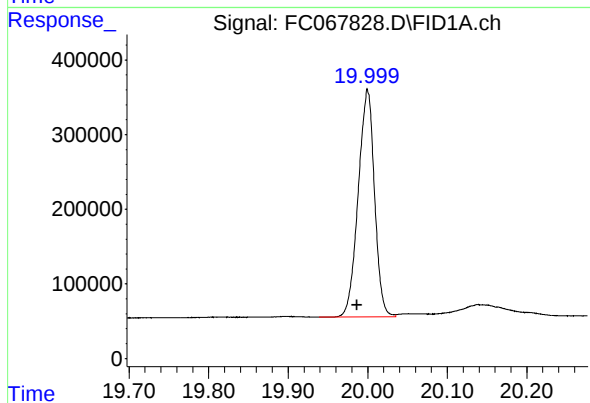
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.013 min
Response: 4607433
Conc: 31.20 ug/ml



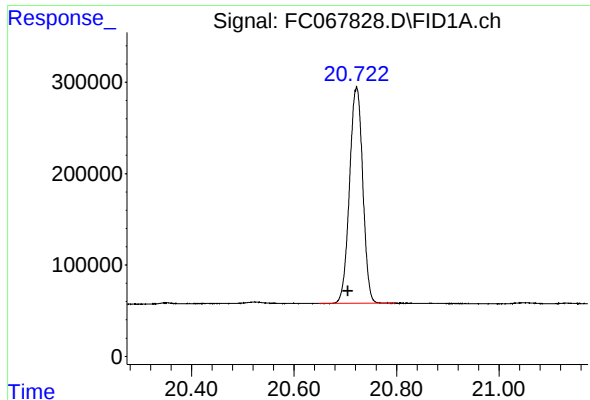
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.015 min
Response: 4534045
Conc: 35.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.013 min
Response: 4340790
Conc: 41.50 ug/ml



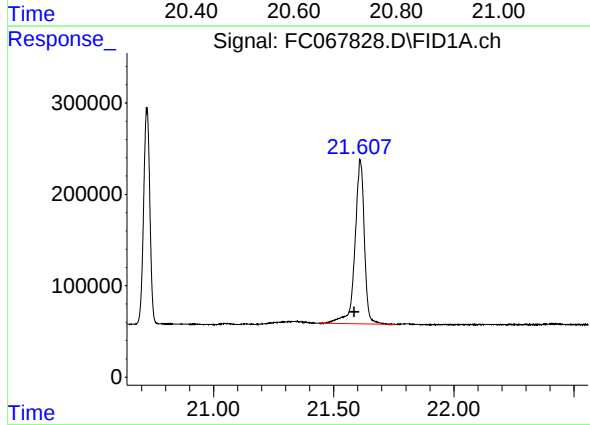
#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.017 min
Response: 4242297
Conc: 43.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: 0.025 min
Response: 4937290
Conc: 50.66 ug/ml