

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091124AL\
 Data File : FC067095.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 15:57
 Operator : YP/AJ
 Sample : PB163257BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163257BSD

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 04:19:29 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)	11.512	6503539	46.706 ug/ml
Spiked Amount 50.000		Recovery =	93.41%
12) S 1-chlorooctadecane (S...	12.950	5071650	51.918 ug/ml
Spiked Amount 50.000		Recovery =	103.84%
Target Compounds			
1) T n-Nonane (C9)	3.290	5324441	40.140 ug/ml
2) T n-Decane (C10)	4.352	5844932	43.519 ug/ml
3) T A~Naphthalene (C11.7)	5.928	6417570	45.155 ug/ml
4) T n-Dodecane (C12)	6.365	6089350	45.492 ug/ml
5) T A~2-methylnaphthalene...	6.983	5862461	43.902 ug/ml
6) T n-Tetradecane (C14)	8.160	6356989	49.326 ug/ml
7) T n-Hexadecane (C16)	9.758	6385759	49.530 ug/ml
8) T n-Octadecane (C18)	11.199	6363759	49.739 ug/ml
10) T n-Eicosane (C20)	12.508	6288757	52.357 ug/ml
11) T n-Heneicosane (C21)	13.119	6001310	51.384 ug/ml
13) T n-Docosane (C22)	13.704	5894499	51.052 ug/ml
14) T n-Tetracosane (C24)	14.805	5731756	50.473 ug/ml
15) T n-Hexacosane (C26)	15.826	5612822	50.644 ug/ml
16) T n-Octacosane (C28)	16.774	5444887	50.407 ug/ml
17) T n-Tricontane (C30)	17.663	5490910	50.480 ug/ml
18) T n-Dotriacontane (C32)	18.493	5434993	52.106 ug/ml
19) T n-Tetratriacontane (C34)	19.275	5335339	57.830 ug/ml
20) T n-Hexatriacontane (C36)	20.014	4964812	62.649 ug/ml
21) T n-Octatriacontane (C38)	20.740	4754363	63.294 ug/ml
22) T n-Tetracontane (C40)	21.632	4296303	61.495 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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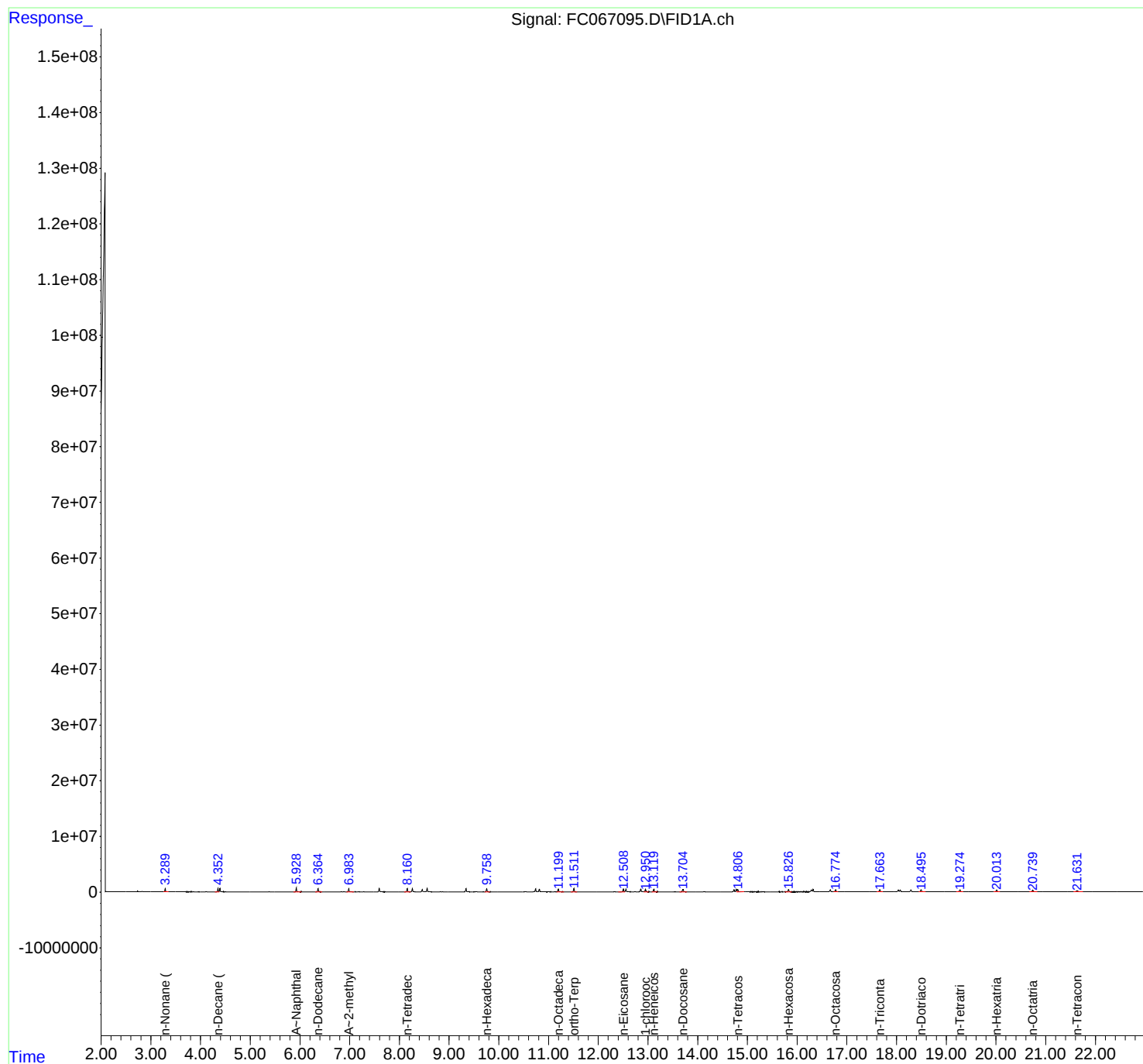
Instrument :
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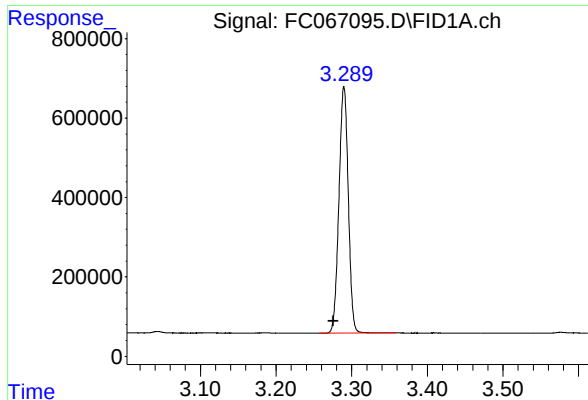
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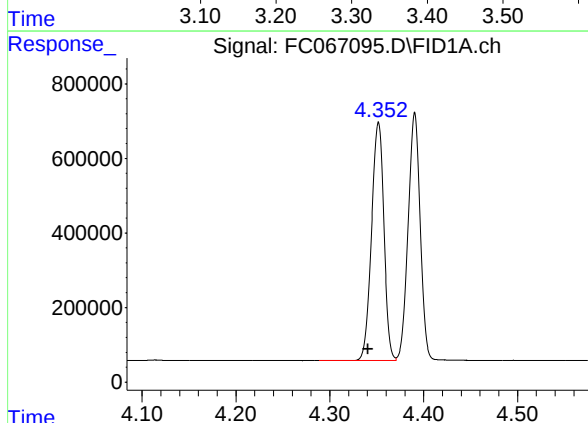
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: 0.014 min
Response: 5324441
Conc: 40.14 ug/ml

Instrument :
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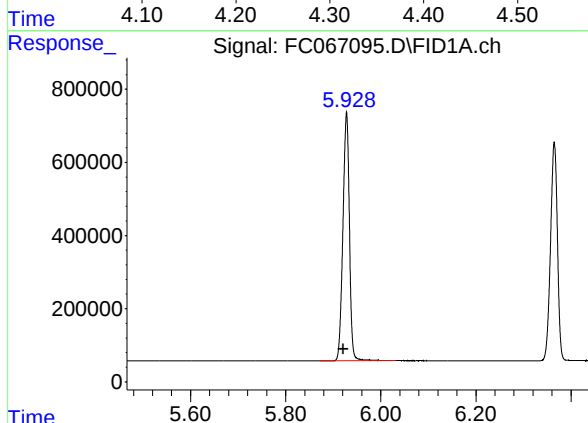
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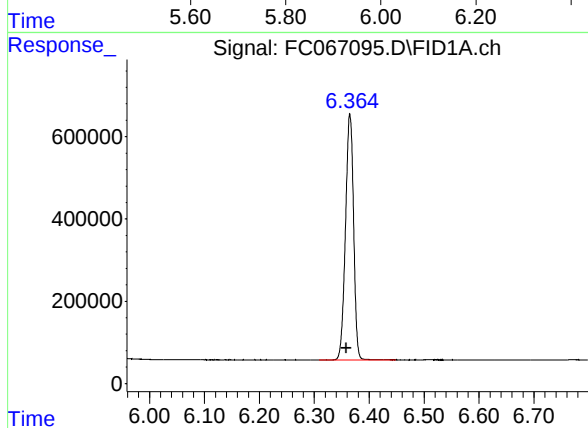
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.011 min
Response: 5844932
Conc: 43.52 ug/ml



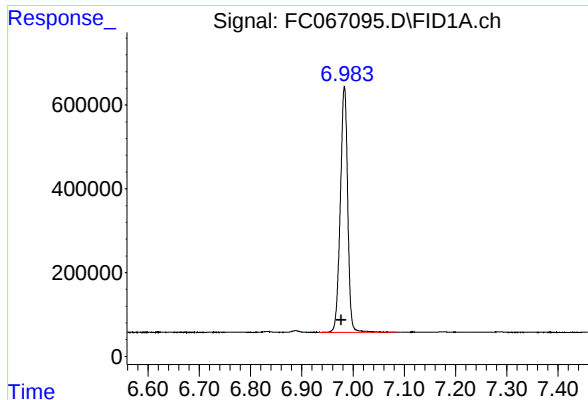
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: 0.006 min
Response: 6417570
Conc: 45.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.006 min
Response: 6089350
Conc: 45.49 ug/ml



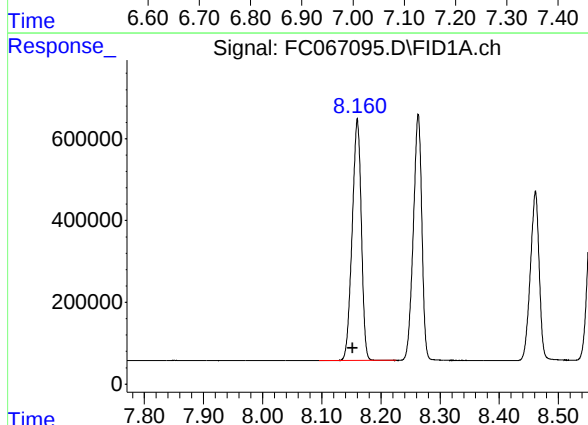
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.006 min
Response: 5862461
Conc: 43.90 ug/ml

Instrument :
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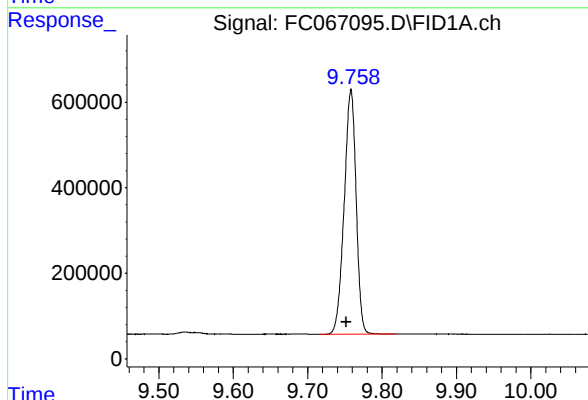
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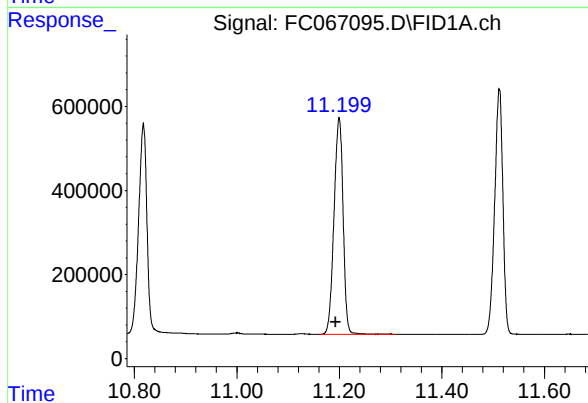
#6 n-Tetradecane (C14)

R.T.: 8.160 min
Delta R.T.: 0.008 min
Response: 6356989
Conc: 49.33 ug/ml



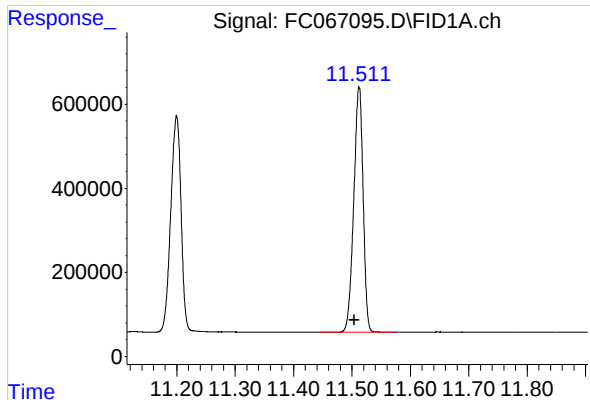
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: 0.006 min
Response: 6385759
Conc: 49.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.199 min
Delta R.T.: 0.007 min
Response: 6363759
Conc: 49.74 ug/ml



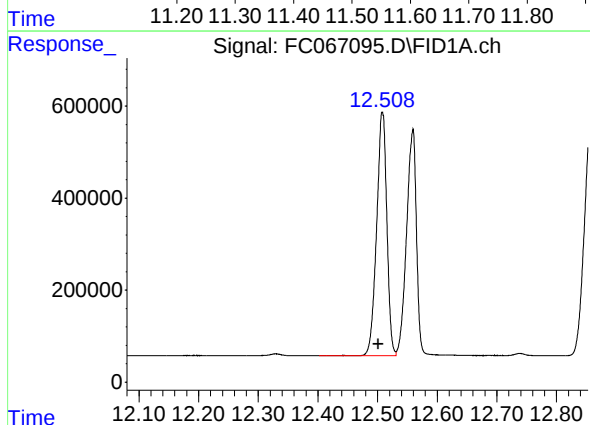
#9 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: 0.008 min
Response: 6503539
Conc: 46.71 ug/ml

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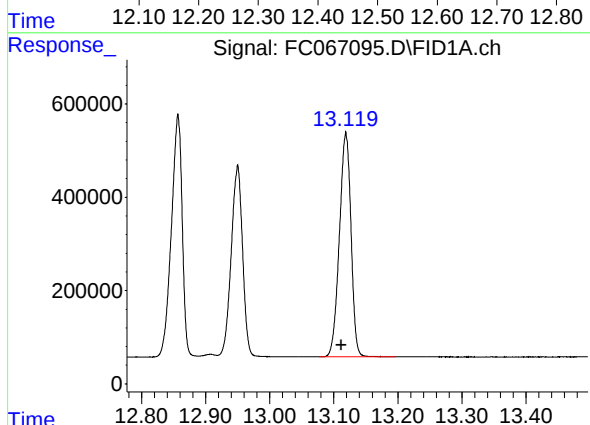
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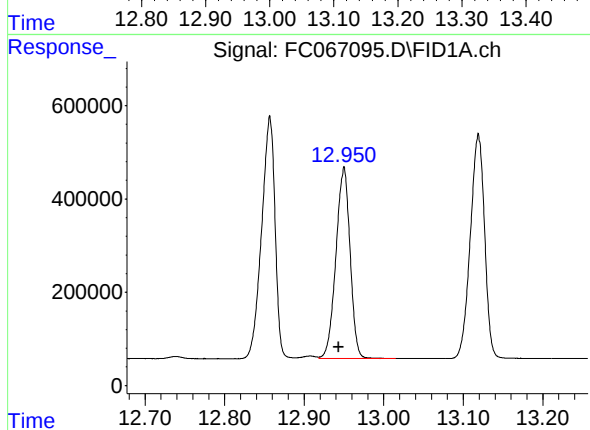
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.007 min
Response: 6288757
Conc: 52.36 ug/ml



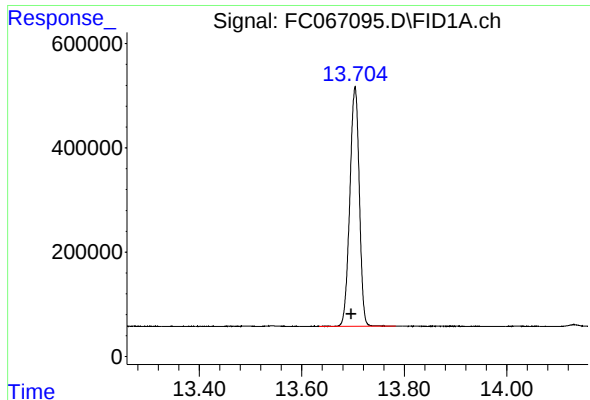
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.007 min
Response: 6001310
Conc: 51.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: 0.006 min
Response: 5071650
Conc: 51.92 ug/ml



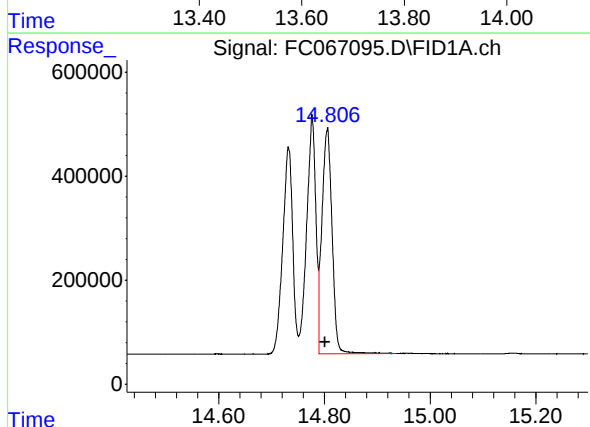
#13 n-Docosane (C22)

R.T.: 13.704 min
Delta R.T.: 0.007 min
Response: 5894499
Conc: 51.05 ug/ml

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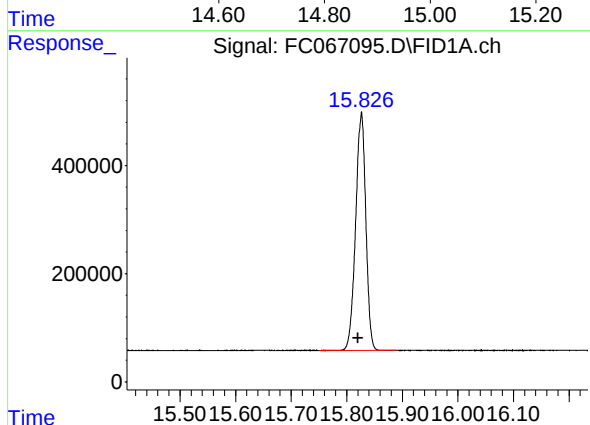
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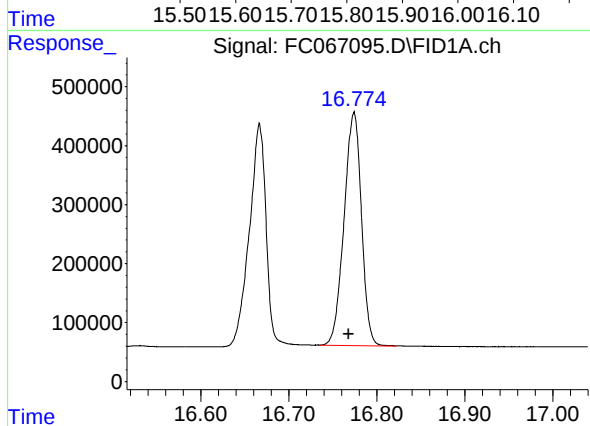
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: 0.004 min
Response: 5731756
Conc: 50.47 ug/ml



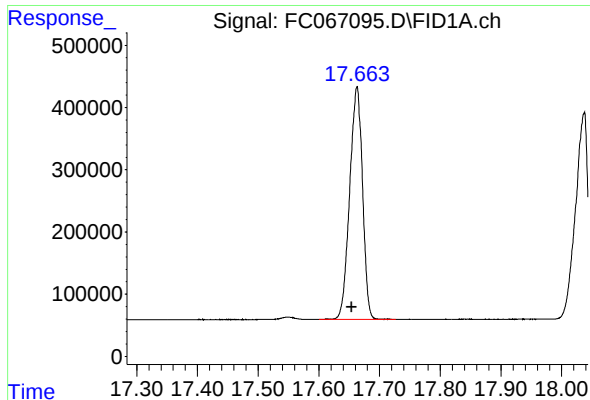
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: 0.006 min
Response: 5612822
Conc: 50.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: 0.006 min
Response: 5444887
Conc: 50.41 ug/ml m



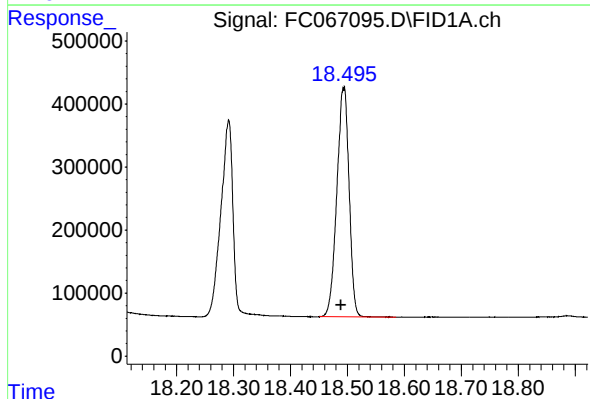
#17 n-Tricontane (C30)

R.T.: 17.663 min
Delta R.T.: 0.008 min
Response: 5490910
Conc: 50.48 ug/ml

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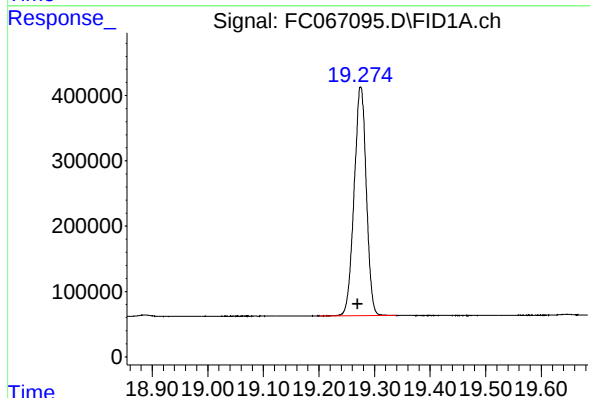
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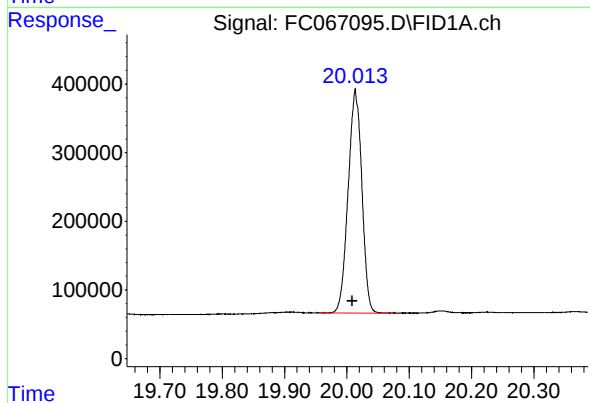
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.005 min
Response: 5434993
Conc: 52.11 ug/ml



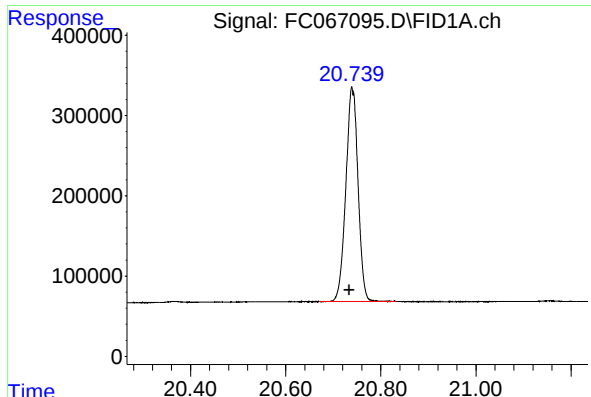
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.005 min
Response: 5335339
Conc: 57.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: 0.005 min
Response: 4964812
Conc: 62.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: 0.007 min
Response: 4754363
Conc: 63.29 ug/ml

Instrument :

FID_C

ClientSampleId :

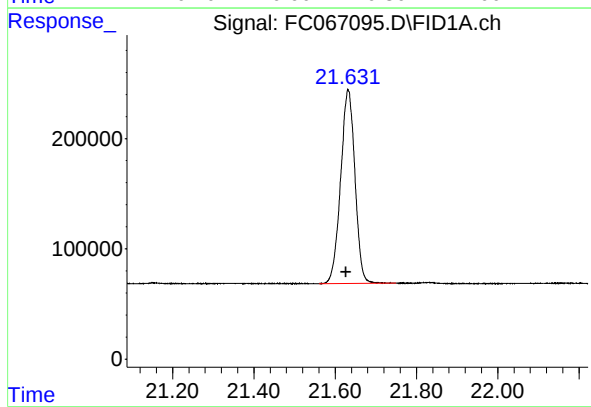
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#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: 0.005 min
Response: 4296303
Conc: 61.49 ug/ml