

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056766.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2021 21:47
 Operator : AJ\MA
 Sample : M4654-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PARKINGLOT-BOTTOM-U-SP-1-1MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/15/2021
 Supervised By :mohammad ahmed 11/15/2021

Integration File: autoint1.e
 Quant Time: Nov 13 05:48:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.614	3731145	30.134 ug/ml
Spiked Amount 50.000		Recovery =	60.27%
12) S 1-chlorooctadecane (S...	13.045	2854376	29.664 ug/ml
Spiked Amount 50.000		Recovery =	59.33%
Target Compounds			
1) T n-Nonane (C9)	3.366	3449815	31.874 ug/mlm
2) T n-Decane (C10)	4.438	4233963	39.306 ug/ml
3) T A~Naphthalene (C11.7)	6.030	4767419	39.103 ug/ml
4) T n-Dodecane (C12)	6.458	4855017	44.041 ug/ml
5) T A~2-methylnaphthalene...	7.088	4772489	38.972 ug/ml
6) T n-Tetradecane (C14)	8.256	5091422	45.351 ug/mlm
7) T n-Hexadecane (C16)	9.854	5299776	46.616 ug/ml
8) T n-Octadecane (C18)	11.294	5337693	45.677 ug/mlm
10) T n-Eicosane (C20)	12.602	5036303	43.822 ug/ml
11) T n-Heneicosane (C21)	13.212	4870594	42.381 ug/ml
13) T n-Docosane (C22)	13.797	4743886	42.136 ug/ml
14) T n-Tetracosane (C24)	14.897	9111085	82.675 ug/ml
15) T n-Hexacosane (C26)	15.916	4479663	42.443 ug/ml
16) T n-Octacosane (C28)	16.862	4533530	43.706 ug/ml
17) T n-Tricontane (C30)	17.747	4421427	42.674 ug/ml
18) T n-Dotriacontane (C32)	18.574	4348388	45.386 ug/ml
19) T n-Tetratriacontane (C34)	19.353	4157294	47.399 ug/ml
20) T n-Hexatriacontane (C36)	20.089	3830414	46.797 ug/mlm
21) T n-Octatriacontane (C38)	20.823	3591916	44.912 ug/ml
22) T n-Tetracontane (C40)	21.737	3555270	43.152 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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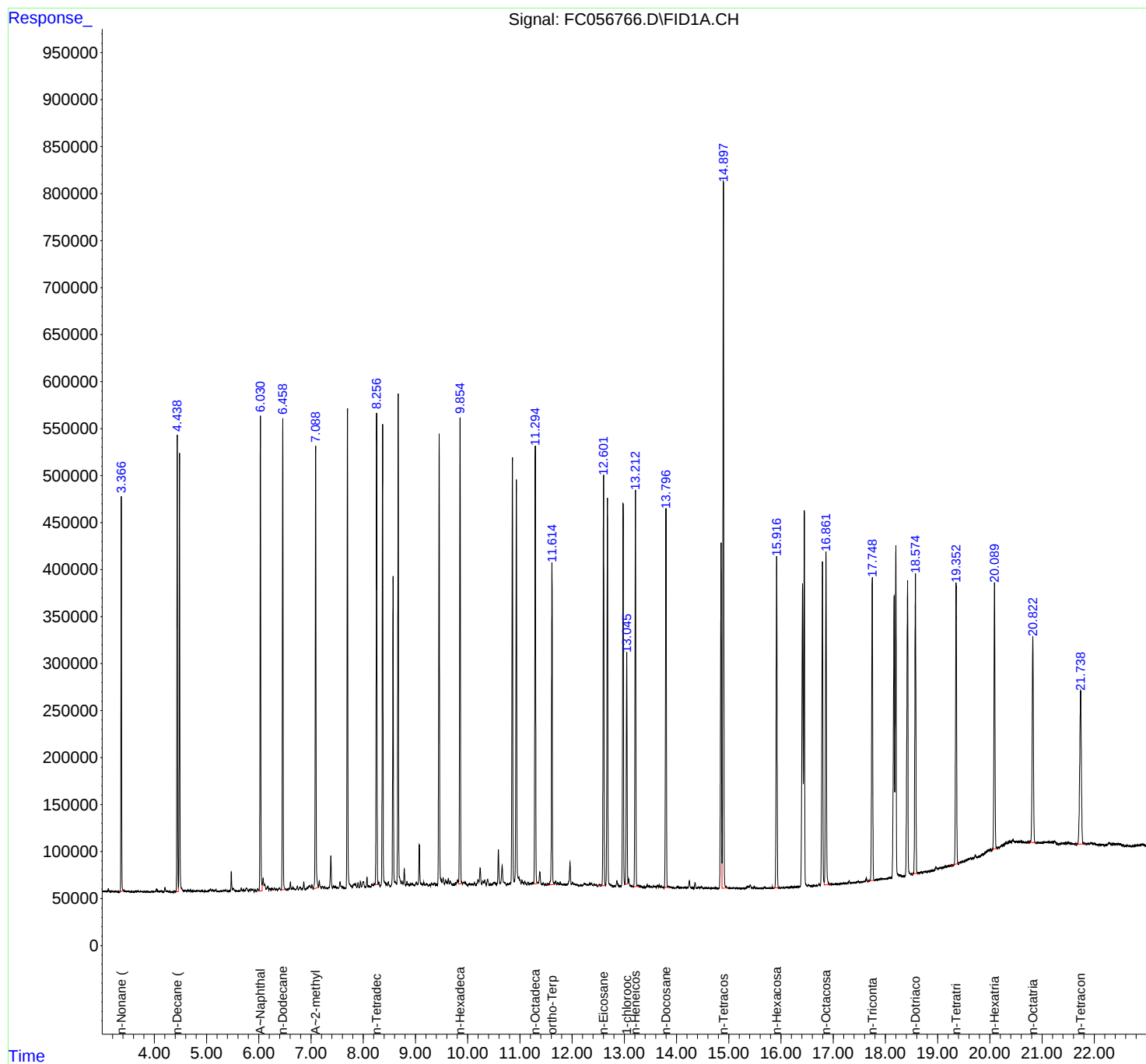
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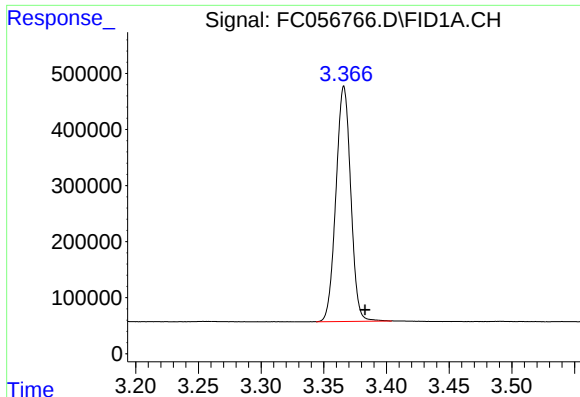
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#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.017 min
Response: 3449815
Conc: 31.87 ug/ml

Instrument :

FID_C

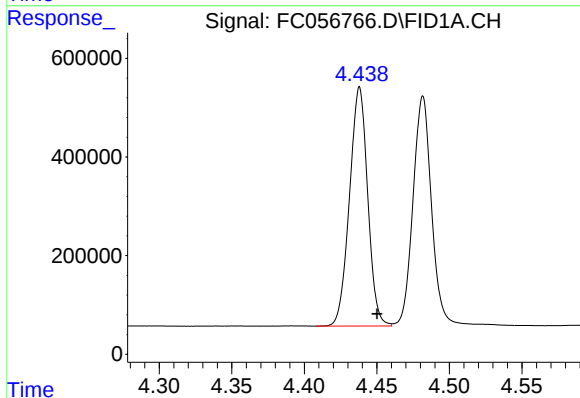
ClientSampleId :

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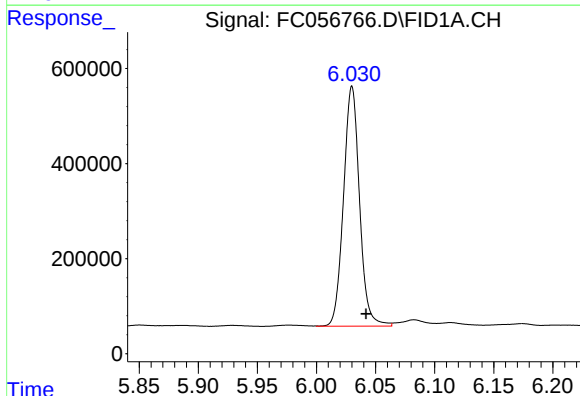
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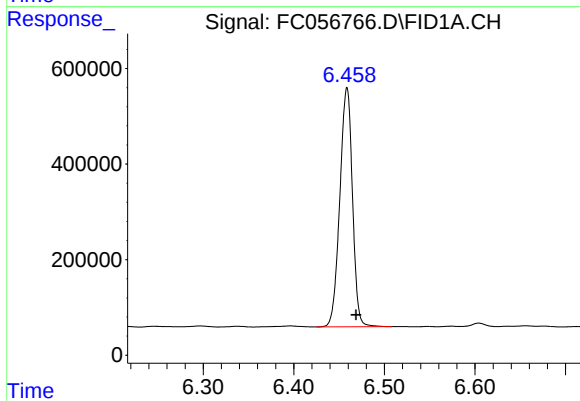
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.012 min
Response: 4233963
Conc: 39.31 ug/ml



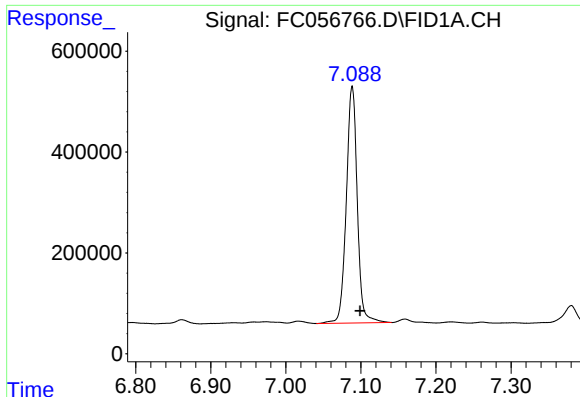
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.012 min
Response: 4767419
Conc: 39.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.010 min
Response: 4855017
Conc: 44.04 ug/ml



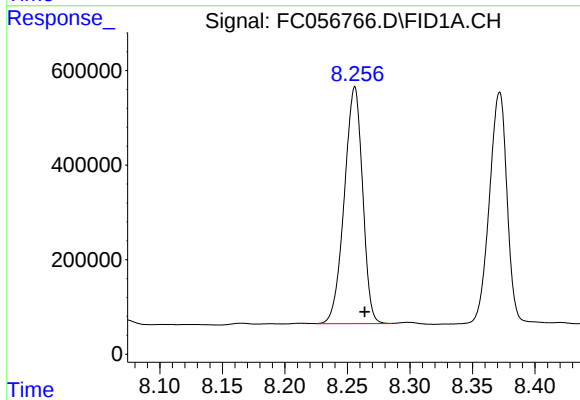
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.010 min
Response: 4772489
Conc: 38.97 ug/ml

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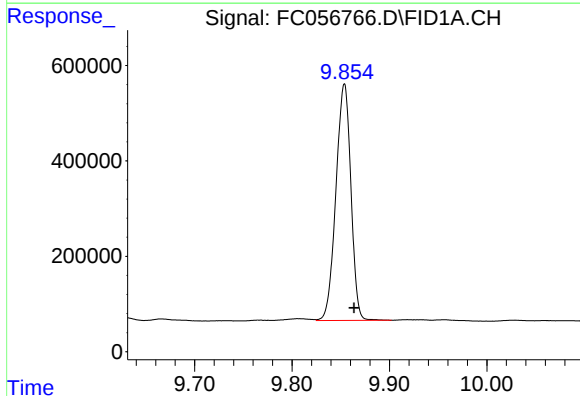
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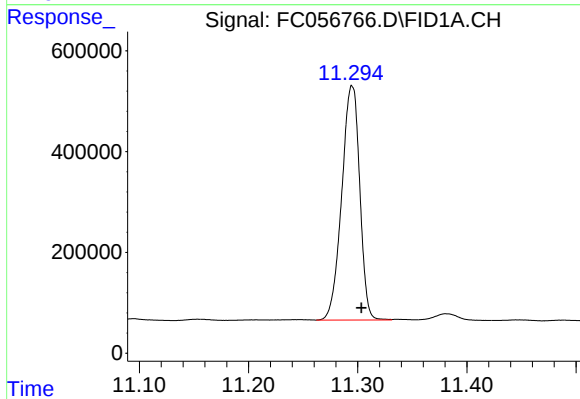
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: -0.008 min
Response: 5091422
Conc: 45.35 ug/ml m



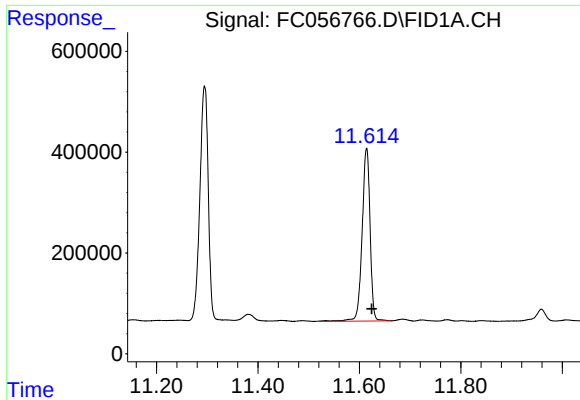
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: -0.010 min
Response: 5299776
Conc: 46.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.294 min
Delta R.T.: -0.009 min
Response: 5337693
Conc: 45.68 ug/ml m



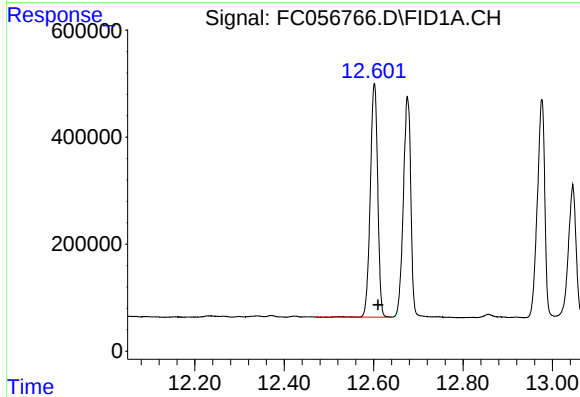
#9 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.010 min
Response: 3731145
Conc: 30.13 ug/ml

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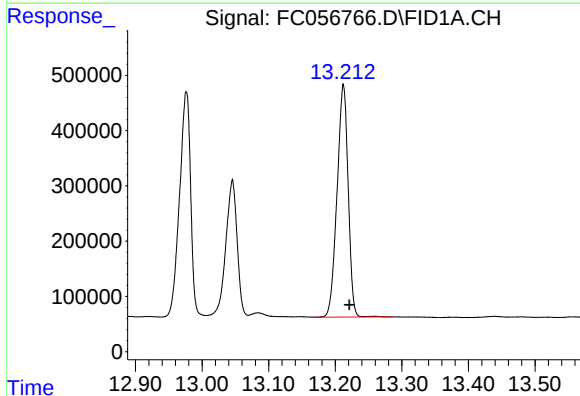
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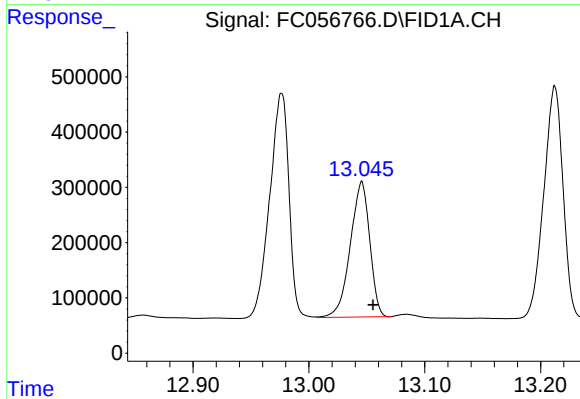
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.009 min
Response: 5036303
Conc: 43.82 ug/ml



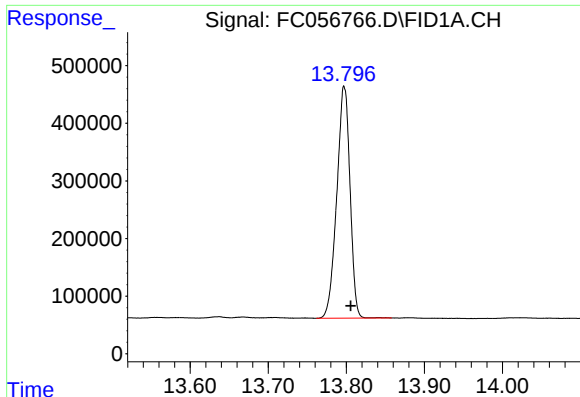
#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.009 min
Response: 4870594
Conc: 42.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min
Delta R.T.: -0.010 min
Response: 2854376
Conc: 29.66 ug/ml



#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: -0.008 min
Response: 4743886
Conc: 42.14 ug/ml

Instrument :

FID_C

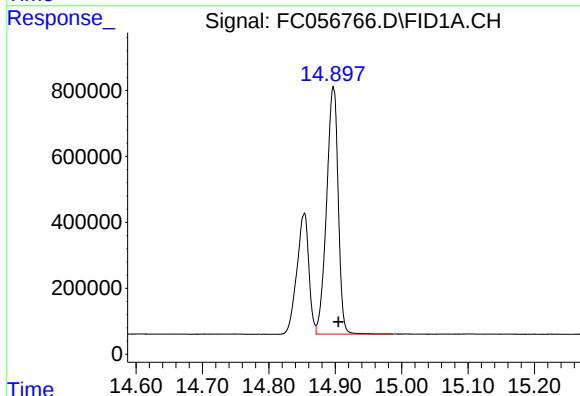
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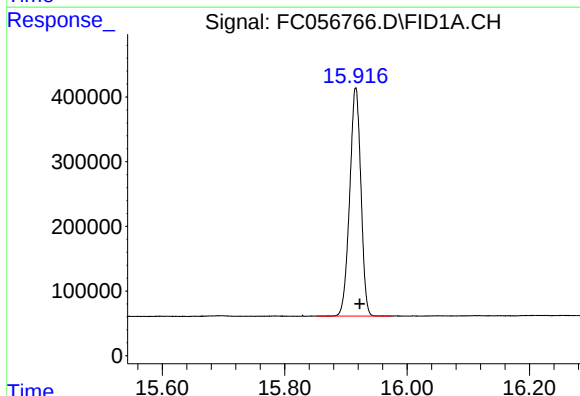
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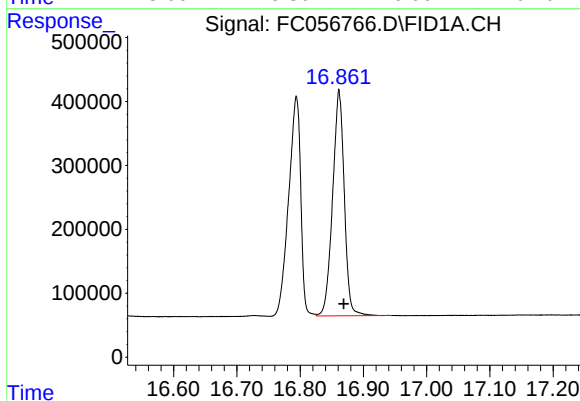
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.008 min
Response: 9111085
Conc: 82.68 ug/ml



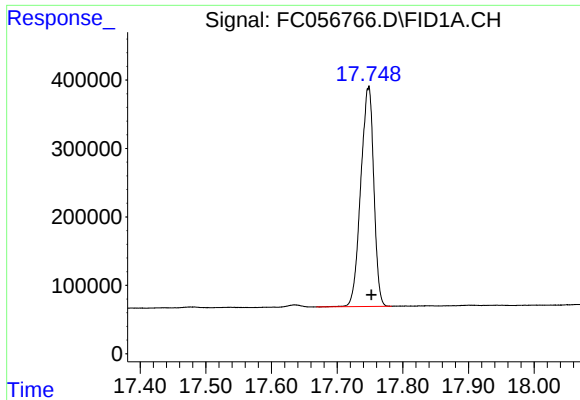
#15 n-Hexacosane (C26)

R.T.: 15.916 min
Delta R.T.: -0.007 min
Response: 4479663
Conc: 42.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.862 min
Delta R.T.: -0.007 min
Response: 4533530
Conc: 43.71 ug/ml



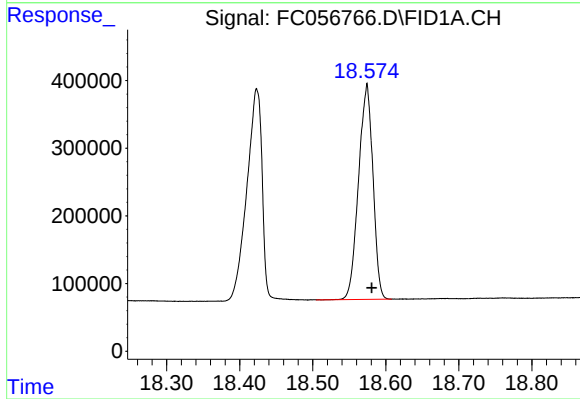
#17 n-Tricontane (C30)

R.T.: 17.747 min
Delta R.T.: -0.005 min
Response: 4421427
Conc: 42.67 ug/ml

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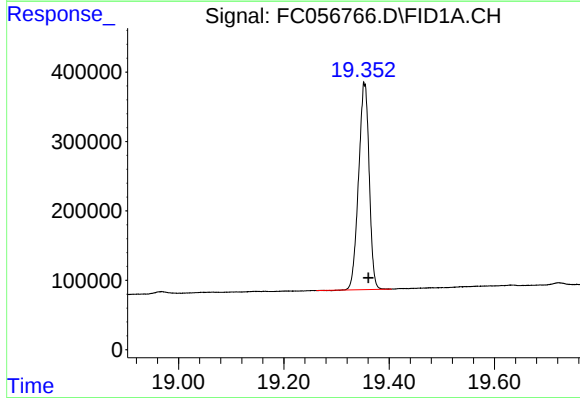
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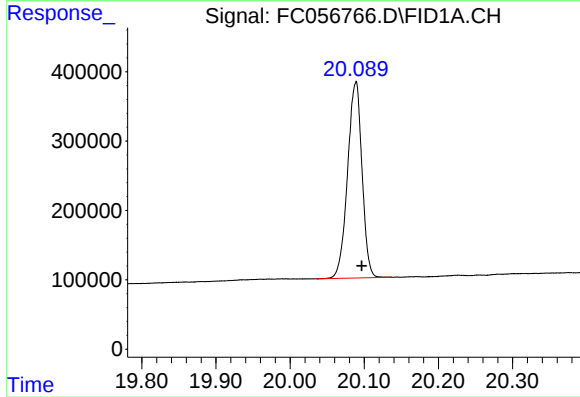
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.007 min
Response: 4348388
Conc: 45.39 ug/ml



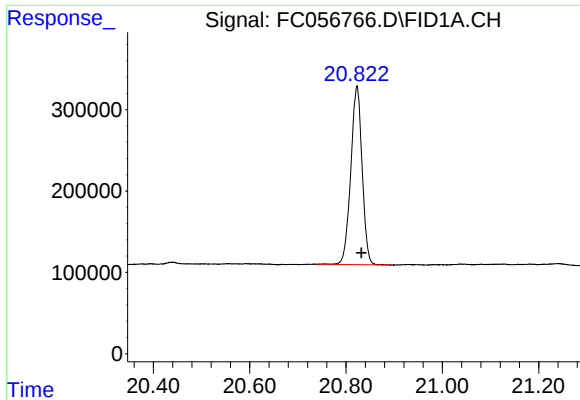
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.008 min
Response: 4157294
Conc: 47.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.008 min
Response: 3830414
Conc: 46.80 ug/ml m



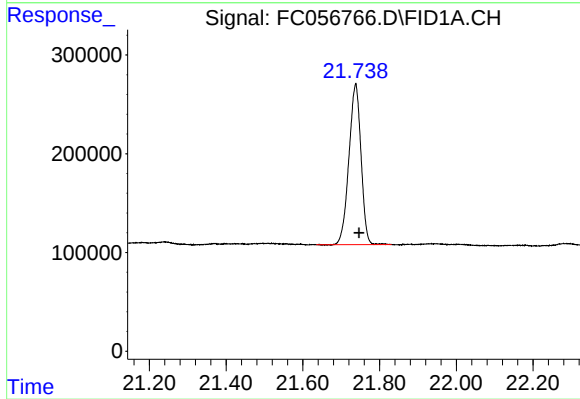
#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.010 min
Response: 3591916
Conc: 44.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: -0.009 min
Response: 3555270
Conc: 43.15 ug/ml