

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059217.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2022 6:08
 Operator : UA/NP
 Sample : PB144087BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144087BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/14/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 14 07:34:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.104	5290206	36.717 ug/ml
Spiked Amount 50.000		Recovery =	73.43%
12) S 1-chlorooctadecane (S...	12.550	4173034	37.228 ug/mlm
Spiked Amount 50.000		Recovery =	74.46%
Target Compounds			
1) T n-Nonane (C9)	2.982	4853917	39.609 ug/mlm
2) T n-Decane (C10)	4.015	5000770	40.808 ug/ml
3) T A~Naphthalene (C11.7)	5.557	5412194	43.106 ug/ml
4) T n-Dodecane (C12)	6.005	5127536	40.144 ug/ml
5) T A~2-methylnaphthalene...	6.603	5183022	40.430 ug/ml
6) T n-Tetradecane (C14)	7.788	5100414	39.227 ug/ml
7) T n-Hexadecane (C16)	9.377	5081570	38.267 ug/ml
8) T n-Octadecane (C18)	10.812	5214046	39.216 ug/ml
10) T n-Eicosane (C20)	12.114	4929031	37.619 ug/mlm
11) T n-Heneicosane (C21)	12.722	4934991	37.822 ug/ml
13) T n-Docosane (C22)	13.305	4870392	37.596 ug/ml
14) T n-Tetracosane (C24)	14.402	5442900	43.087 ug/ml
15) T n-Hexacosane (C26)	15.420	4722939	39.100 ug/mlm
16) T n-Octacosane (C28)	16.364	4835135	40.833 ug/ml
17) T n-Tricontane (C30)	17.250	4613963	40.446 ug/ml
18) T n-Dotriacontane (C32)	18.077	4565284	42.614 ug/ml
19) T n-Tetratriacontane (C34)	18.858	3880688	38.409 ug/mlm
20) T n-Hexatriacontane (C36)	19.595	3206399	33.558 ug/ml
21) T n-Octatriacontane (C38)	20.294	2574388	27.977 ug/mlm
22) T n-Tetracontane (C40)	21.035	2143312	23.062 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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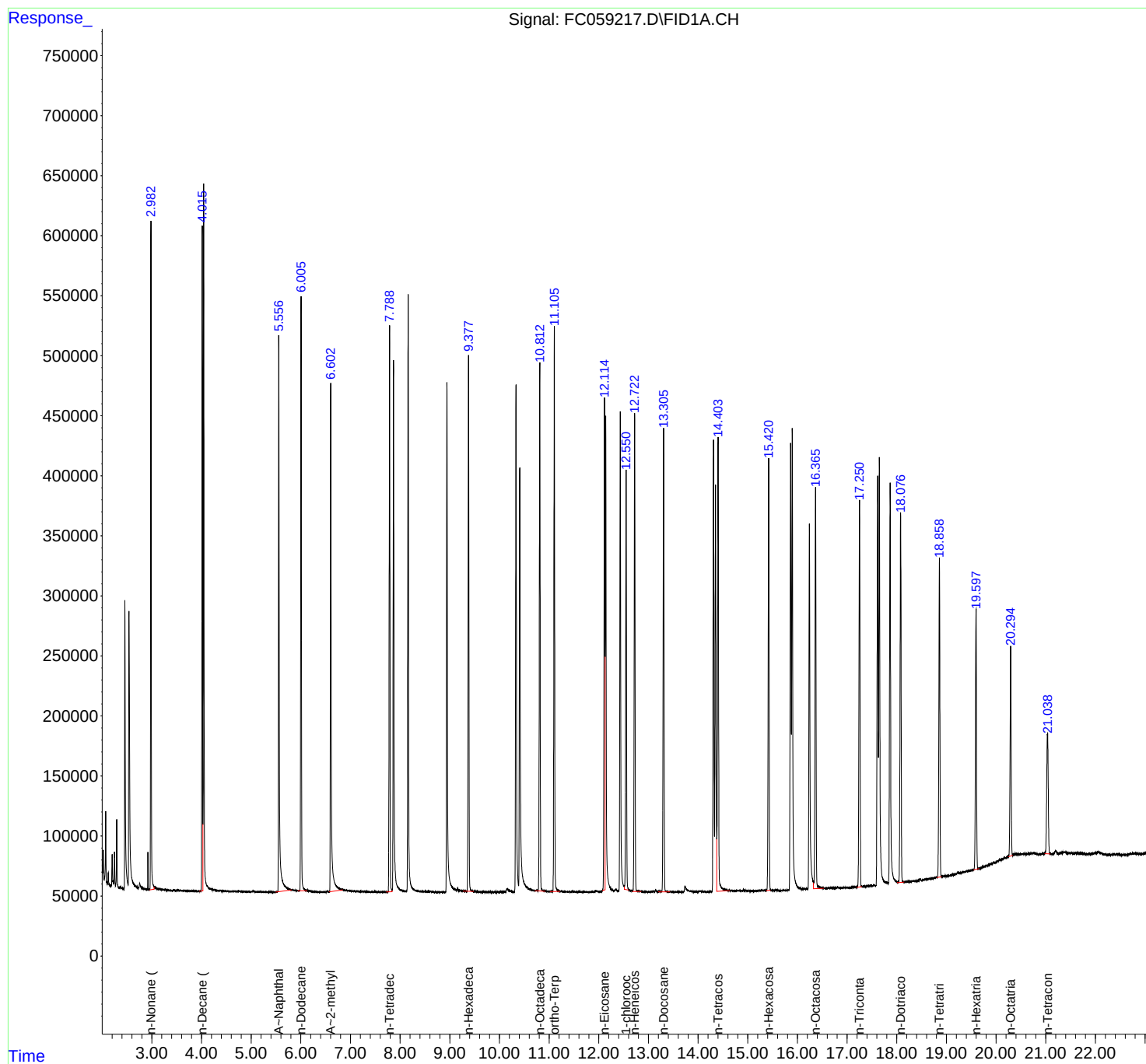
Instrument :
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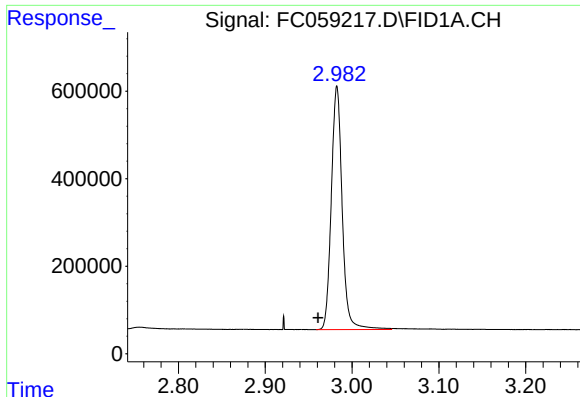
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#1 n-Nonane (C9)

R.T.: 2.982 min
Delta R.T.: 0.021 min
Response: 4853917
Conc: 39.61 ug/ml

Instrument :

FID_C

ClientSampleId :

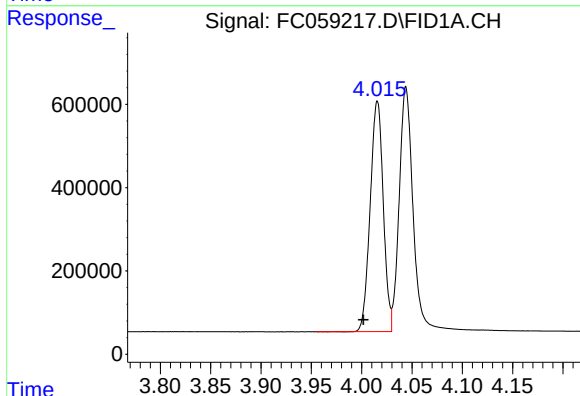
PB144087BSD

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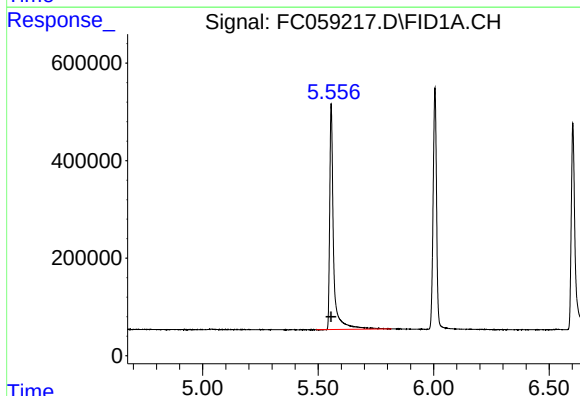
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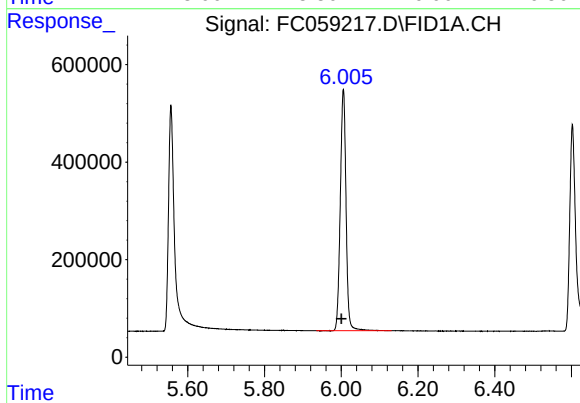
#2 n-Decane (C10)

R.T.: 4.015 min
Delta R.T.: 0.014 min
Response: 5000770
Conc: 40.81 ug/ml



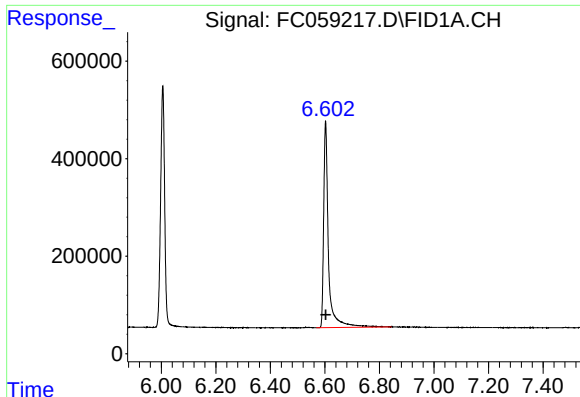
#3 A~Naphthalene (C11.7)

R.T.: 5.557 min
Delta R.T.: 0.001 min
Response: 5412194
Conc: 43.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 5127536
Conc: 40.14 ug/ml



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

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 5183022
Conc: 40.43 ug/ml

Instrument :

FID_C

ClientSampleId :

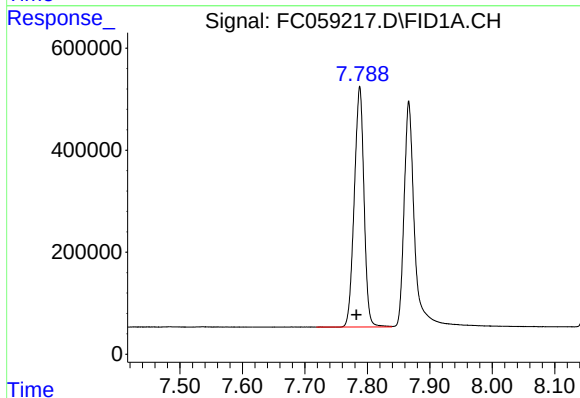
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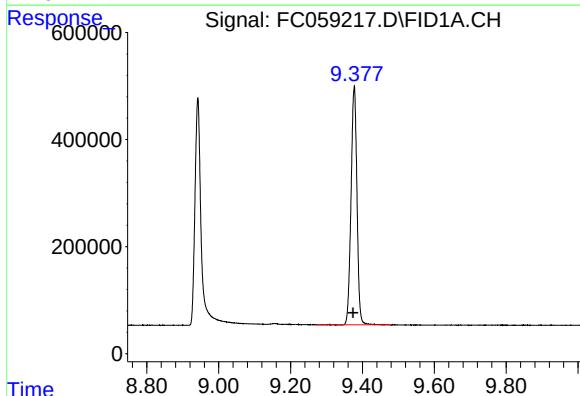
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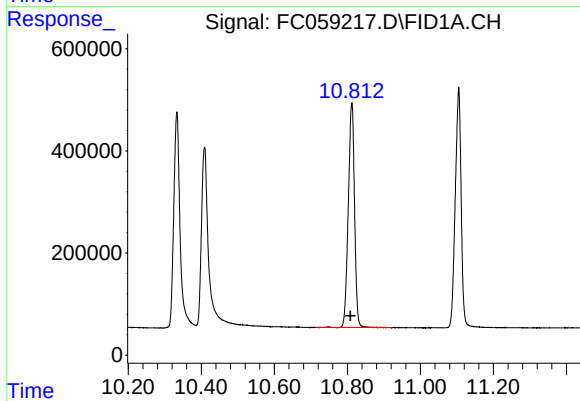
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.005 min
Response: 5100414
Conc: 39.23 ug/ml



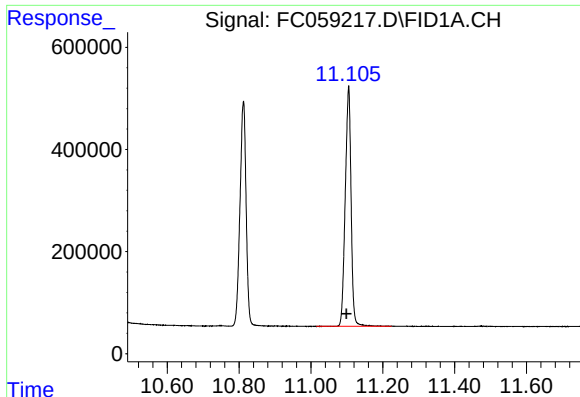
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.002 min
Response: 5081570
Conc: 38.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.003 min
Response: 5214046
Conc: 39.22 ug/ml



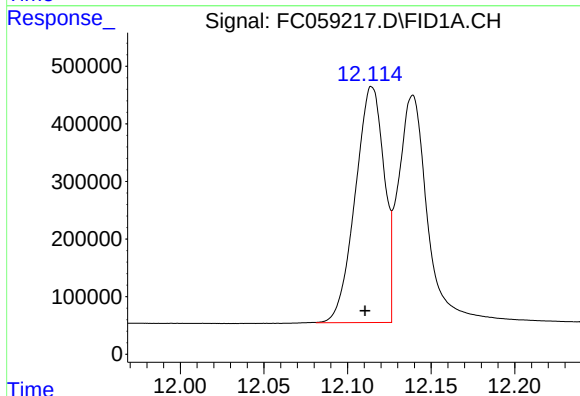
#9 ortho-Terphenyl (SURR)

R.T.: 11.104 min
Delta R.T.: 0.005 min
Response: 5290206
Conc: 36.72 ug/ml

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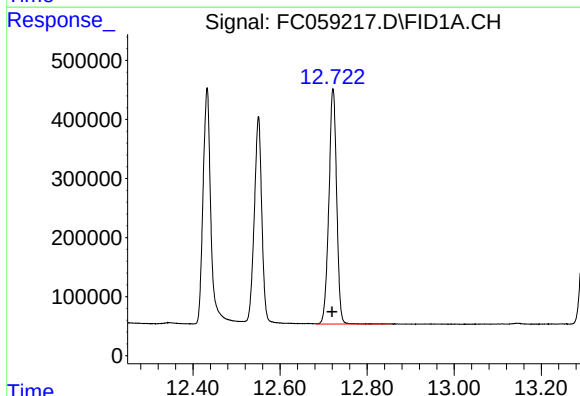
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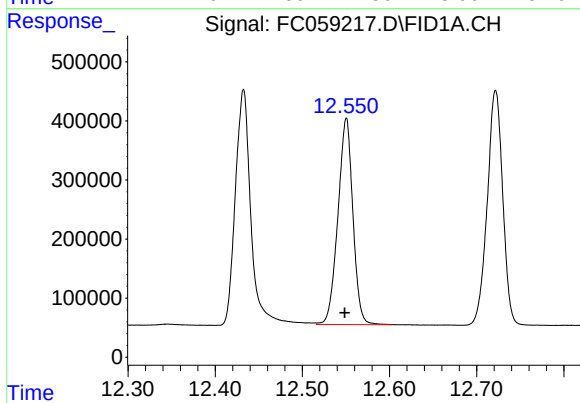
#10 n-Eicosane (C20)

R.T.: 12.114 min
Delta R.T.: 0.003 min
Response: 4929031
Conc: 37.62 ug/ml m



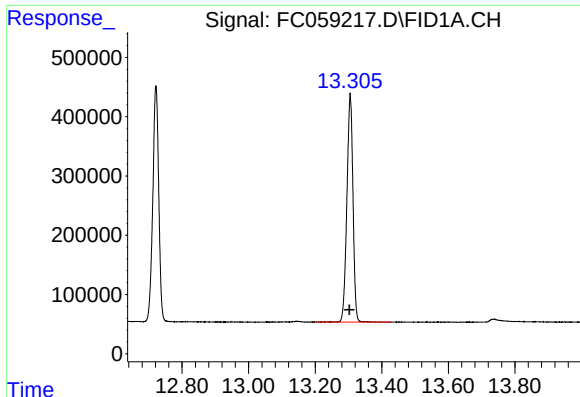
#11 n-Heneicosane (C21)

R.T.: 12.722 min
Delta R.T.: 0.002 min
Response: 4934991
Conc: 37.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min
Delta R.T.: 0.002 min
Response: 4173034
Conc: 37.23 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 4870392
Conc: 37.60 ug/ml

Instrument :

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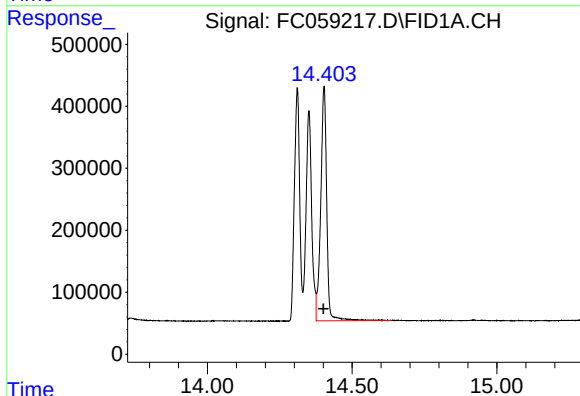
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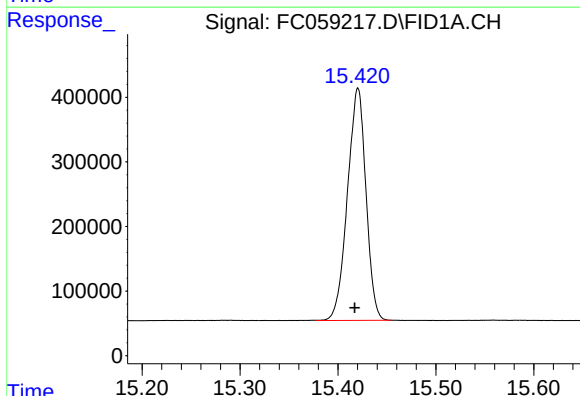
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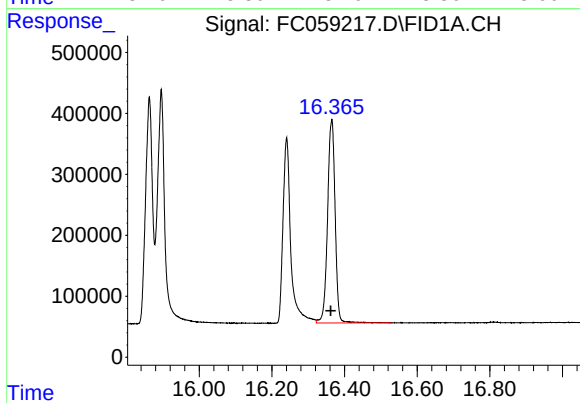
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.001 min
Response: 5442900
Conc: 43.09 ug/ml



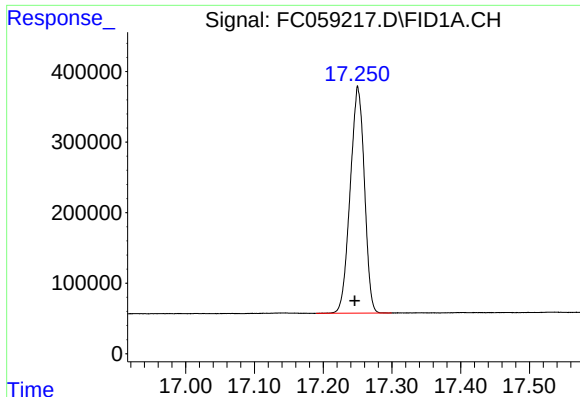
#15 n-Hexacosane (C26)

R.T.: 15.420 min
Delta R.T.: 0.003 min
Response: 4722939
Conc: 39.10 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.364 min
Delta R.T.: 0.002 min
Response: 4835135
Conc: 40.83 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.250 min
Delta R.T.: 0.004 min
Response: 4613963
Conc: 40.45 ug/ml

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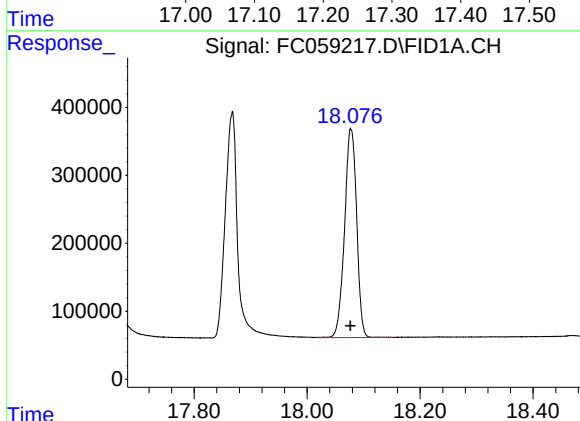
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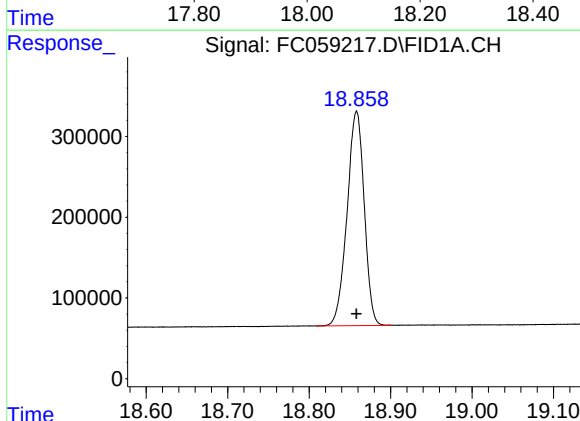
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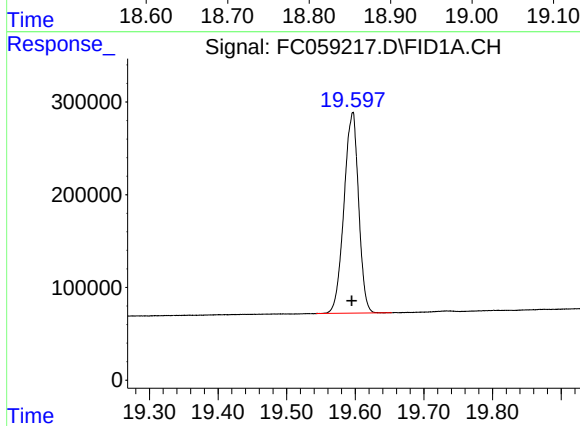
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 4565284
Conc: 42.61 ug/ml



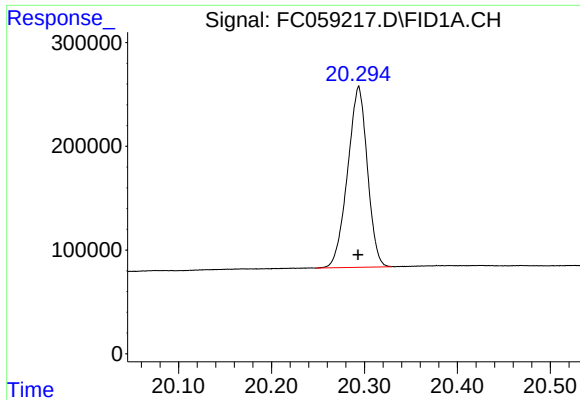
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: 0.000 min
Response: 3880688
Conc: 38.41 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.595 min
Delta R.T.: 0.000 min
Response: 3206399
Conc: 33.56 ug/ml



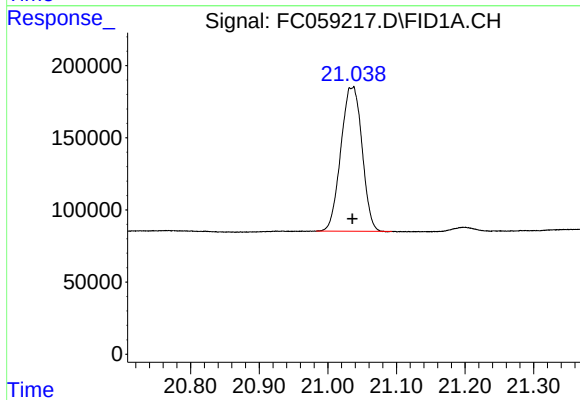
#21 n-Octatriacontane (C38)

R.T.: 20.294 min
Delta R.T.: 0.000 min
Response: 2574388
Conc: 27.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: 0.000 min
Response: 2143312
Conc: 23.06 ug/ml