

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059216.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2022 5:29
 Operator : UA/NP
 Sample : PB144087BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144087BS

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 07:34:09 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	5338055	37.049 ug/ml
Spiked Amount 50.000		Recovery =	74.10%
12) S 1-chlorooctadecane (S...	12.551	4270870	38.101 ug/ml
Spiked Amount 50.000		Recovery =	76.20%
Target Compounds			
1) T n-Nonane (C9)	2.982	4859503	39.654 ug/ml
2) T n-Decane (C10)	4.015	4977577	40.618 ug/ml
3) T A~Naphthalene (C11.7)	5.556	5365581	42.735 ug/ml
4) T n-Dodecane (C12)	6.005	5135306	40.205 ug/ml
5) T A~2-methylnaphthalene...	6.603	5228532	40.785 ug/ml
6) T n-Tetradecane (C14)	7.788	5093338	39.173 ug/ml
7) T n-Hexadecane (C16)	9.378	5089192	38.324 ug/ml
8) T n-Octadecane (C18)	10.812	5235327	39.377 ug/ml
10) T n-Eicosane (C20)	12.115	5051777	38.556 ug/ml
11) T n-Heneicosane (C21)	12.723	4939951	37.860 ug/ml
13) T n-Docosane (C22)	13.306	4898955	37.817 ug/ml
14) T n-Tetracosane (C24)	14.404	5382781	42.611 ug/ml
15) T n-Hexacosane (C26)	15.422	4728368	39.145 ug/ml
16) T n-Octacosane (C28)	16.366	4815586	40.668 ug/ml
17) T n-Tricontane (C30)	17.252	4608852	40.401 ug/mlm
18) T n-Dotriacontane (C32)	18.080	4546022	42.435 ug/ml
19) T n-Tetratriacontane (C34)	18.860	3827837	37.886 ug/ml
20) T n-Hexatriacontane (C36)	19.596	3099228	32.436 ug/ml
21) T n-Octatriacontane (C38)	20.295	2432628	26.436 ug/ml
22) T n-Tetracontane (C40)	21.036	2015858	21.690 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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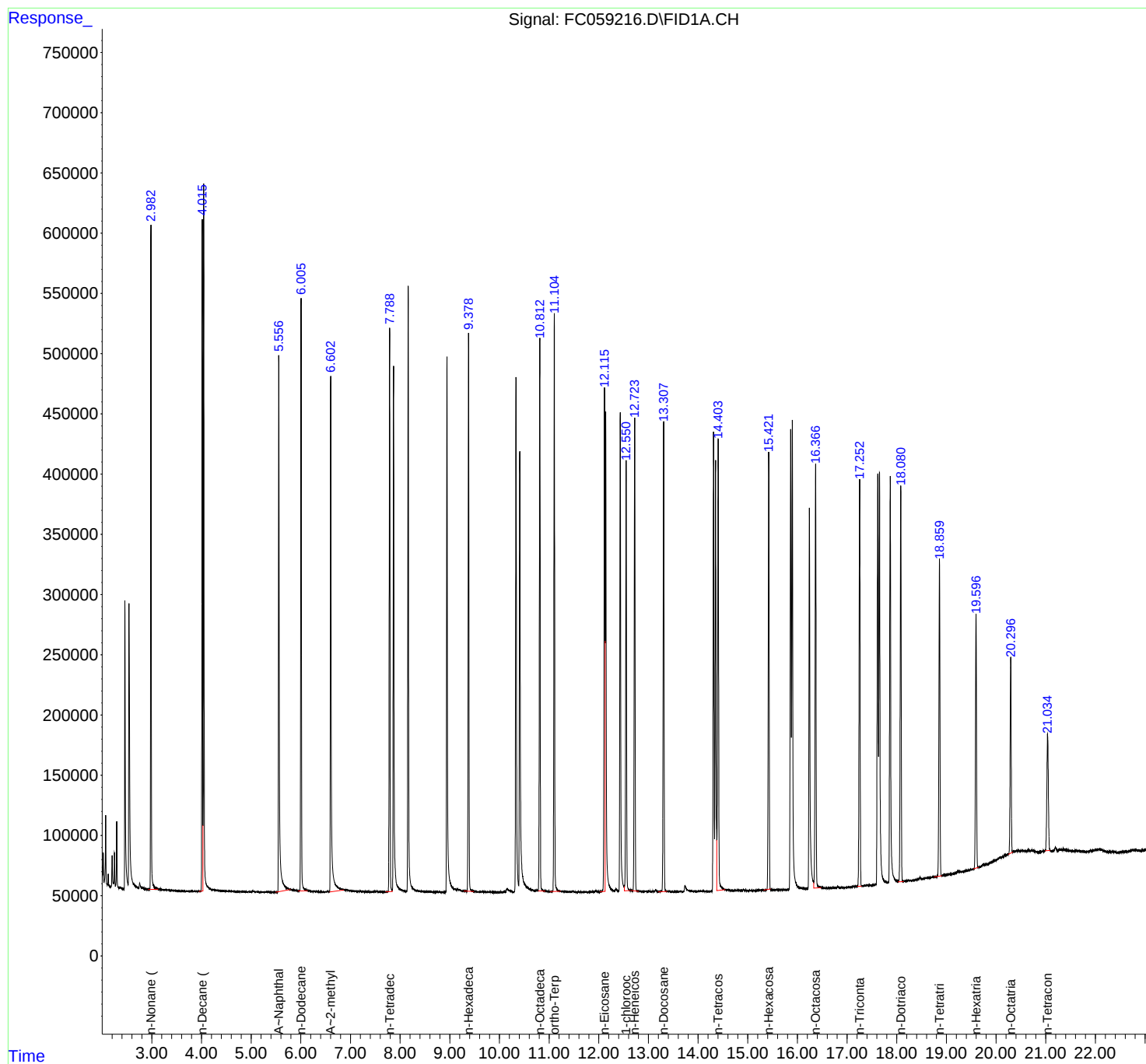
Instrument :
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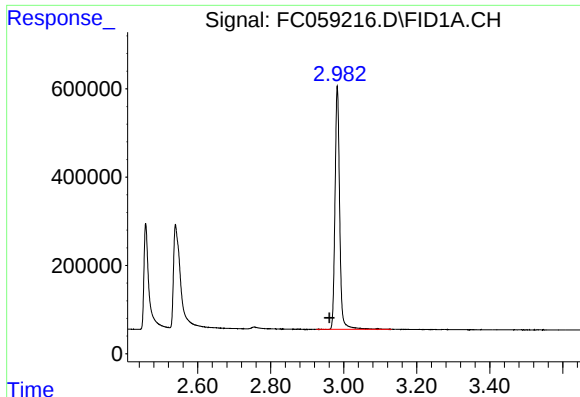
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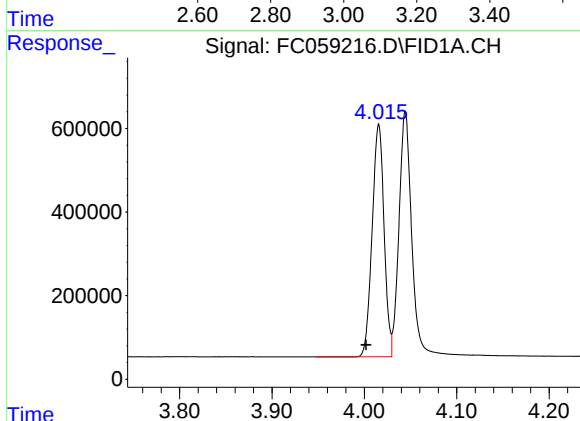
#1 n-Nonane (C9)

R.T.: 2.982 min
Delta R.T.: 0.021 min
Response: 4859503
Conc: 39.65 ug/ml

Instrument :
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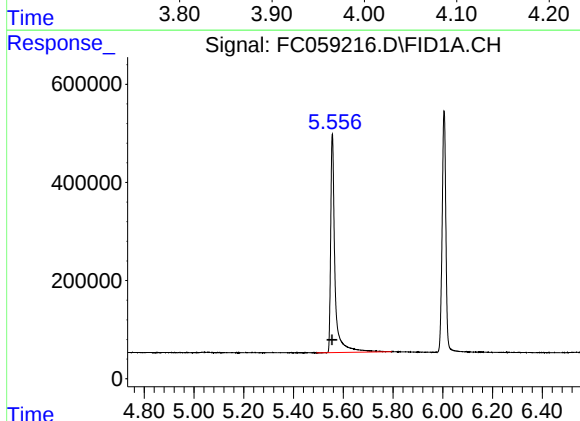
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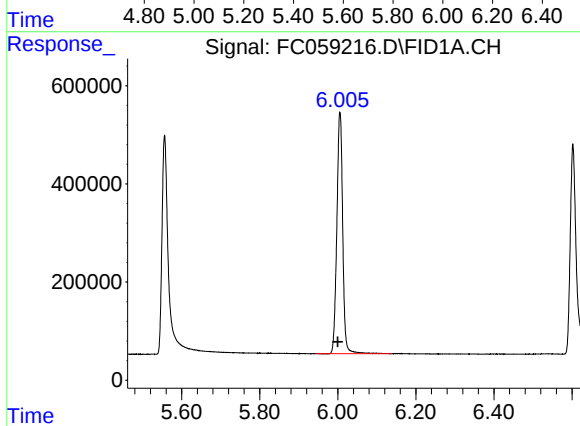
#2 n-Decane (C10)

R.T.: 4.015 min
Delta R.T.: 0.014 min
Response: 4977577
Conc: 40.62 ug/ml



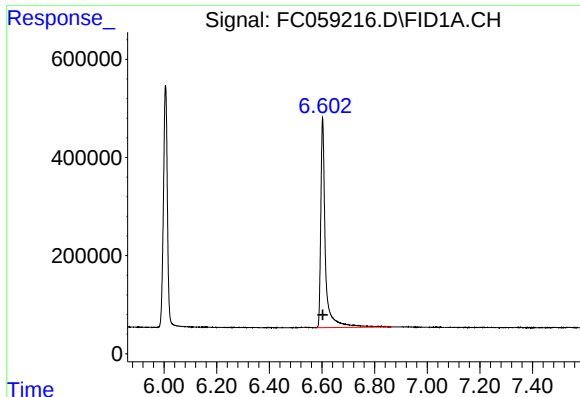
#3 A~Naphthalene (C11.7)

R.T.: 5.556 min
Delta R.T.: 0.001 min
Response: 5365581
Conc: 42.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.005 min
Delta R.T.: 0.006 min
Response: 5135306
Conc: 40.21 ug/ml



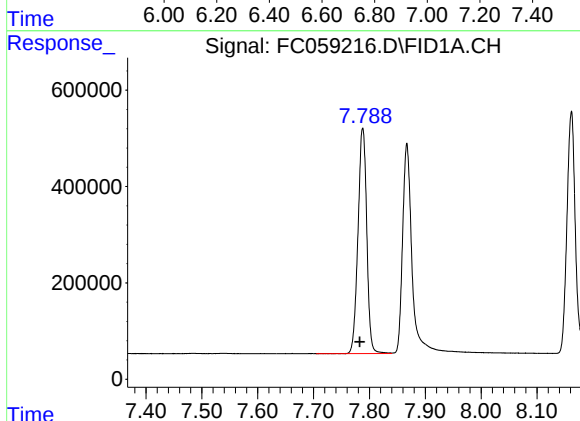
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 5228532
Conc: 40.78 ug/ml

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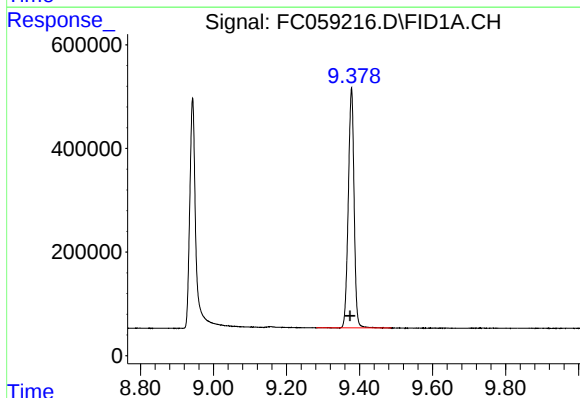
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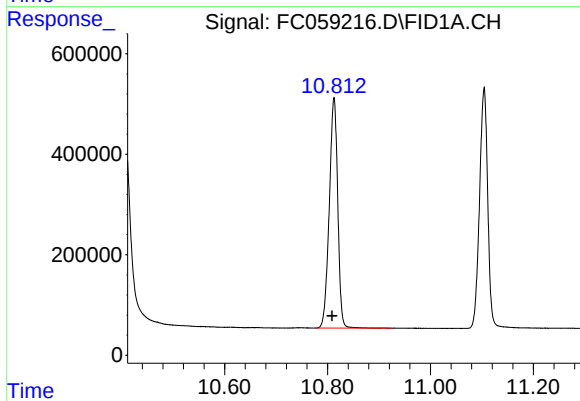
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.006 min
Response: 5093338
Conc: 39.17 ug/ml



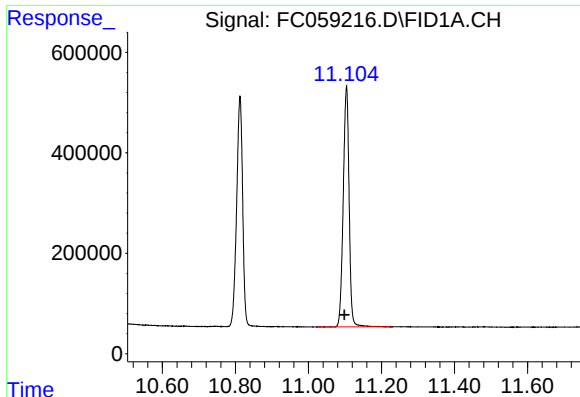
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.003 min
Response: 5089192
Conc: 38.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.004 min
Response: 5235327
Conc: 39.38 ug/ml



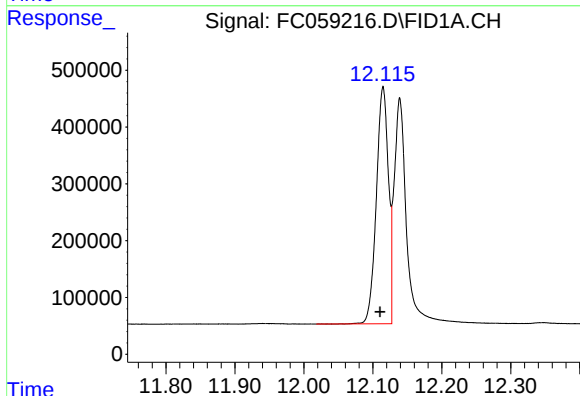
#9 ortho-Terphenyl (SURR)

R.T.: 11.104 min
Delta R.T.: 0.005 min
Response: 5338055
Conc: 37.05 ug/ml

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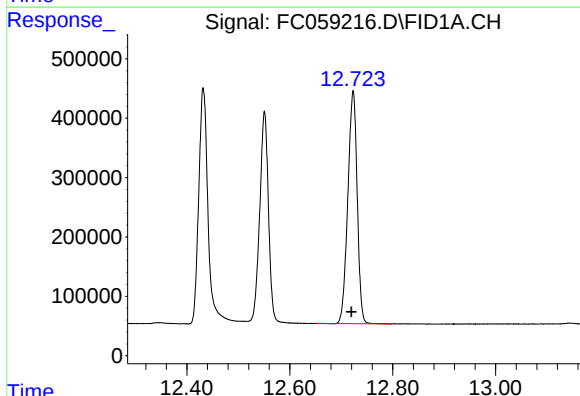
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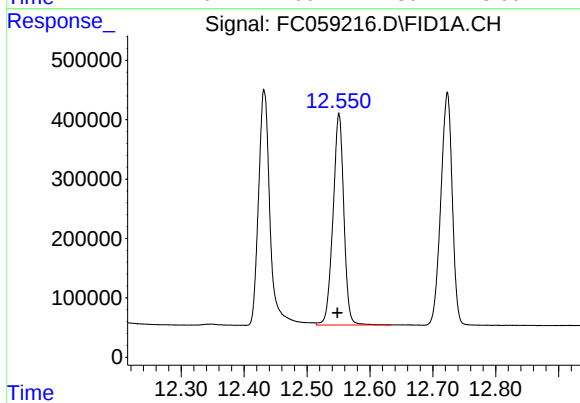
#10 n-Eicosane (C20)

R.T.: 12.115 min
Delta R.T.: 0.004 min
Response: 5051777
Conc: 38.56 ug/ml



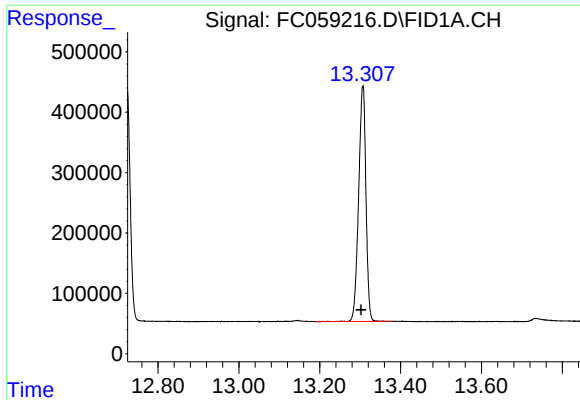
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.003 min
Response: 4939951
Conc: 37.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.551 min
Delta R.T.: 0.002 min
Response: 4270870
Conc: 38.10 ug/ml



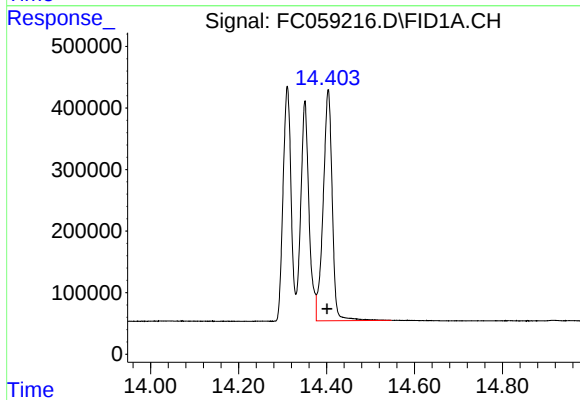
#13 n-Docosane (C22)

R.T.: 13.306 min
Delta R.T.: 0.004 min
Response: 4898955
Conc: 37.82 ug/ml

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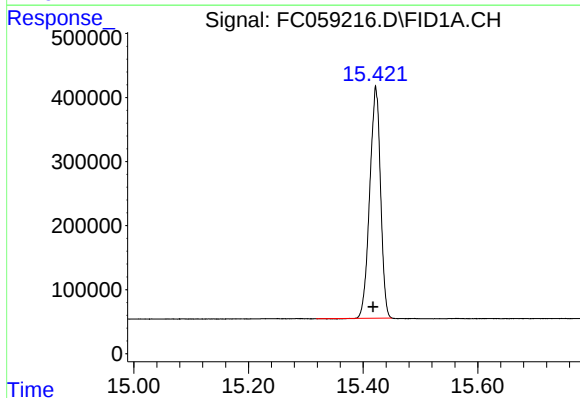
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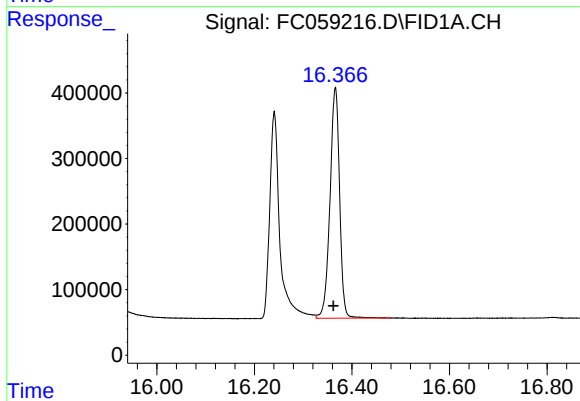
#14 n-Tetracosane (C24)

R.T.: 14.404 min
Delta R.T.: 0.003 min
Response: 5382781
Conc: 42.61 ug/ml



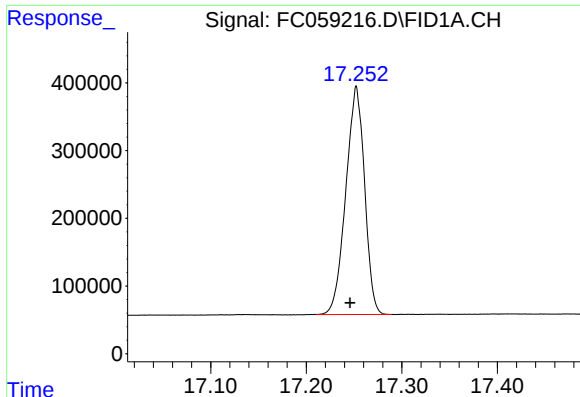
#15 n-Hexacosane (C26)

R.T.: 15.422 min
Delta R.T.: 0.005 min
Response: 4728368
Conc: 39.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.366 min
Delta R.T.: 0.003 min
Response: 4815586
Conc: 40.67 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.252 min
Delta R.T.: 0.006 min
Response: 4608852
Conc: 40.40 ug/ml

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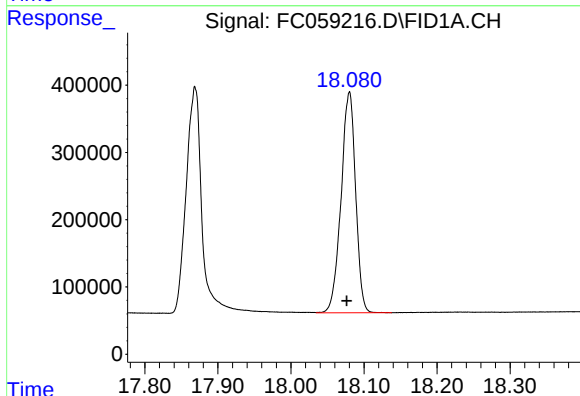
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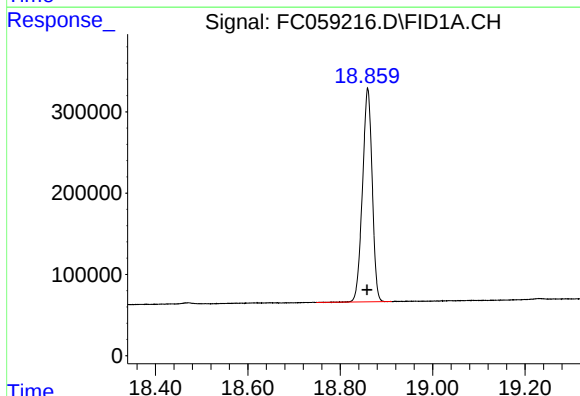
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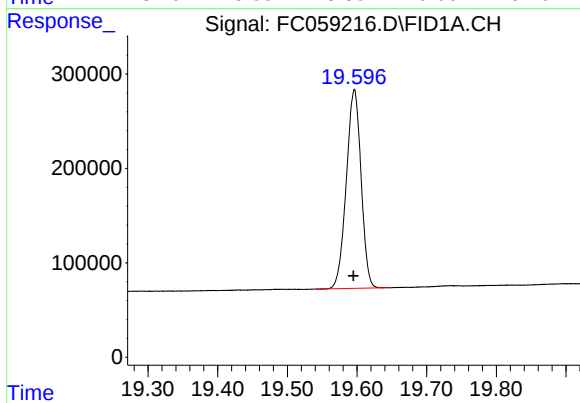
#18 n-Dotriacontane (C32)

R.T.: 18.080 min
Delta R.T.: 0.003 min
Response: 4546022
Conc: 42.43 ug/ml



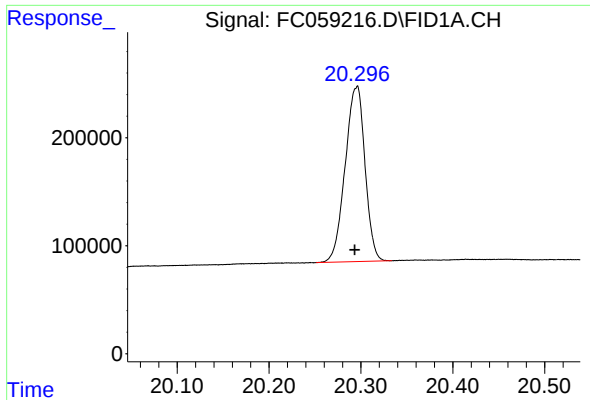
#19 n-Tetratriacontane (C34)

R.T.: 18.860 min
Delta R.T.: 0.002 min
Response: 3827837
Conc: 37.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.596 min
Delta R.T.: 0.001 min
Response: 3099228
Conc: 32.44 ug/ml



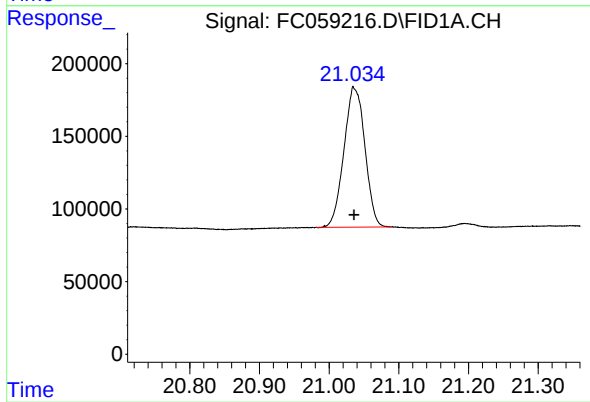
#21 n-Octatriacontane (C38)

R.T.: 20.295 min
Delta R.T.: 0.002 min
Response: 2432628
Conc: 26.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 2015858
Conc: 21.69 ug/ml