

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
 Data File : FC059676.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 23:55
 Operator : UA/NP
 Sample : N2749-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/11/2022
 Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E
 Quant Time: May 11 01:40:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.666	5131279	34.943 ug/mlm
Spiked Amount 50.000		Recovery =	69.89%
12) S 1-chlorooctadecane (S...	12.032	4065927	35.331 ug/ml
Spiked Amount 50.000		Recovery =	70.66%
Target Compounds			
1) T n-Nonane (C9)	2.642	4873281	38.161 ug/ml
2) T n-Decane (C10)	3.641	5444641	42.991 ug/ml
3) T A~Naphthalene (C11.7)	5.176	6964989	47.302 ug/ml
4) T n-Dodecane (C12)	5.594	6216461	47.270 ug/ml
5) T A~2-methylnaphthalene...	6.200	7067270	47.015 ug/ml
6) T n-Tetradecane (C14)	7.348	6901544	51.290 ug/ml
7) T n-Hexadecane (C16)	8.910	7254953	52.873 ug/ml
8) T n-Octadecane (C18)	10.321	7516079	54.540 ug/mlm
10) T n-Eicosane (C20)	11.601	7323213	54.449 ug/ml
11) T n-Heneicosane (C21)	12.198	7142869	53.543 ug/ml
13) T n-Docosane (C22)	12.771	7088121	54.009 ug/ml
14) T n-Tetracosane (C24)	13.843	13166349	104.643 ug/ml
15) T n-Hexacosane (C26)	14.850	6485133	54.301 ug/ml
16) T n-Octacosane (C28)	15.775	6216749	54.607 ug/ml
17) T n-Tricontane (C30)	16.646	5844857	53.172 ug/ml
18) T n-Dotriacontane (C32)	17.456	5742088	55.542 ug/mlm
19) T n-Tetratriacontane (C34)	18.220	5082256	52.056 ug/mlm
20) T n-Hexatriacontane (C36)	18.941	4849846	52.242 ug/mlm
21) T n-Octatriacontane (C38)	19.623	4597315	48.294 ug/mlm
22) T n-Tetracontane (C40)	20.273	4510716	47.650 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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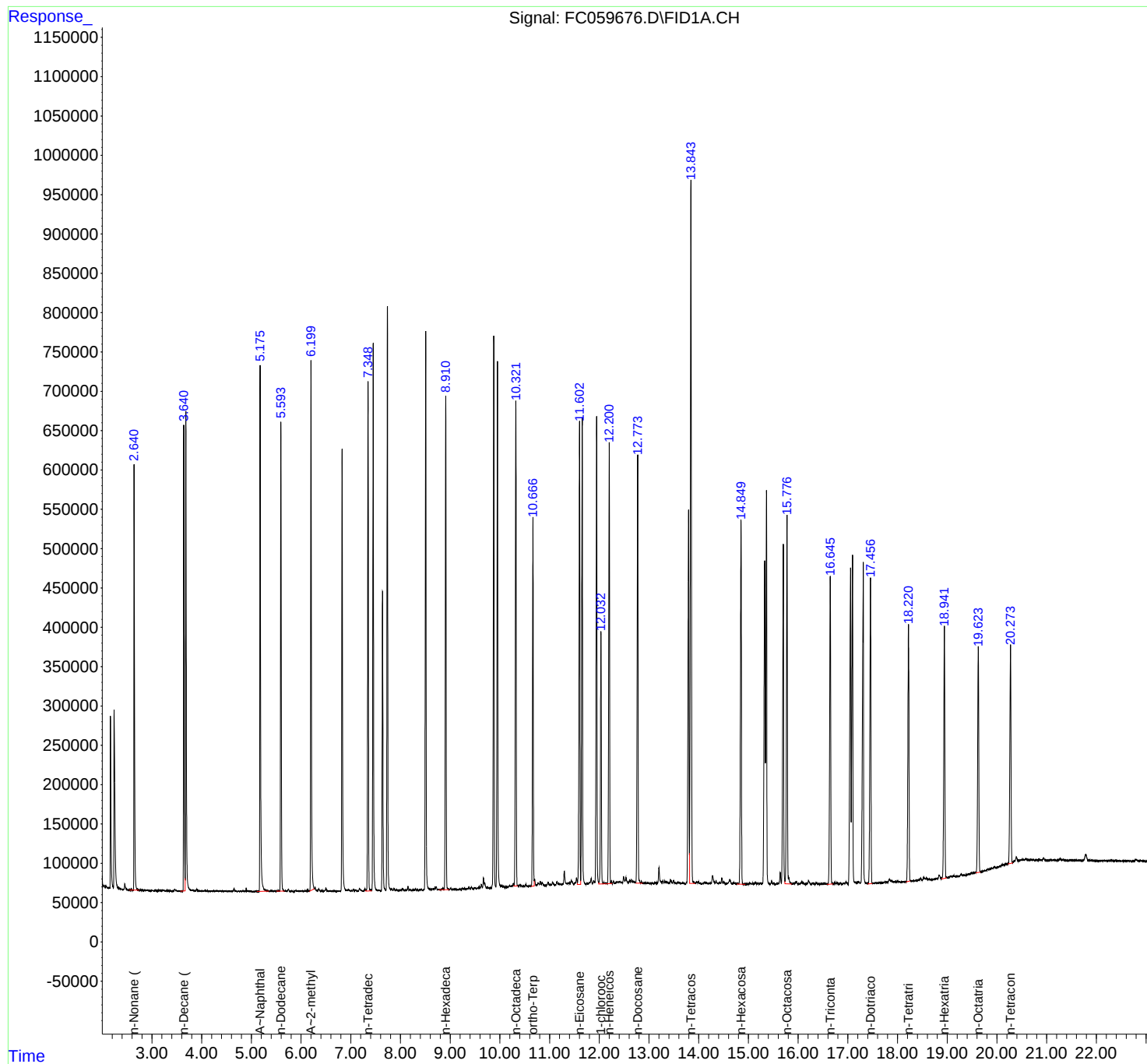
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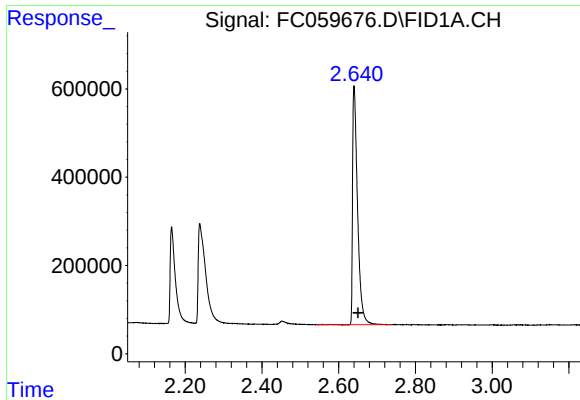
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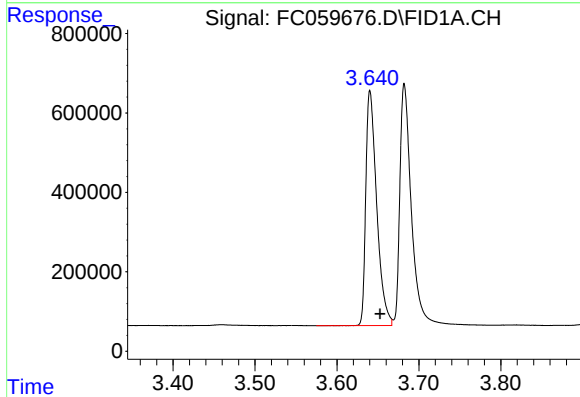
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: -0.009 min
Response: 4873281
Conc: 38.16 ug/ml

Instrument :
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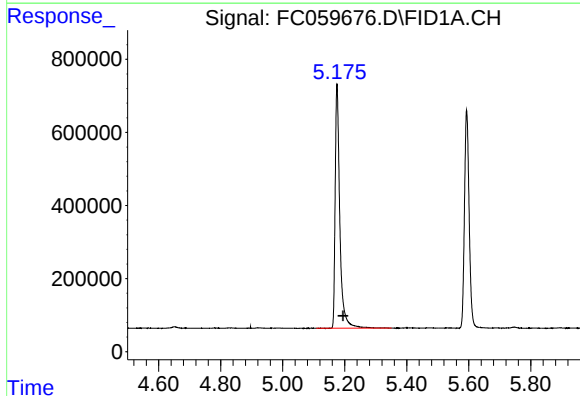
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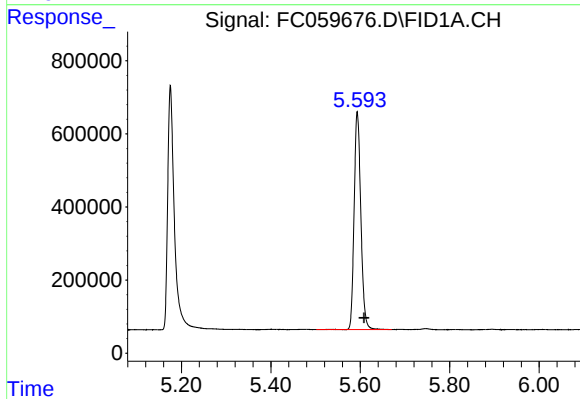
#2 n-Decane (C10)

R.T.: 3.641 min
Delta R.T.: -0.011 min
Response: 5444641
Conc: 42.99 ug/ml



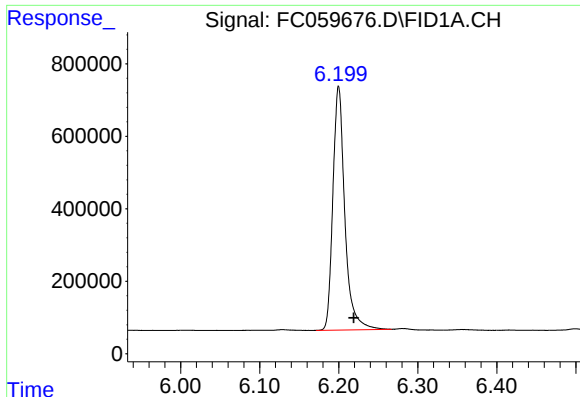
#3 A~Naphthalene (C11.7)

R.T.: 5.176 min
Delta R.T.: -0.019 min
Response: 6964989
Conc: 47.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.594 min
Delta R.T.: -0.015 min
Response: 6216461
Conc: 47.27 ug/ml



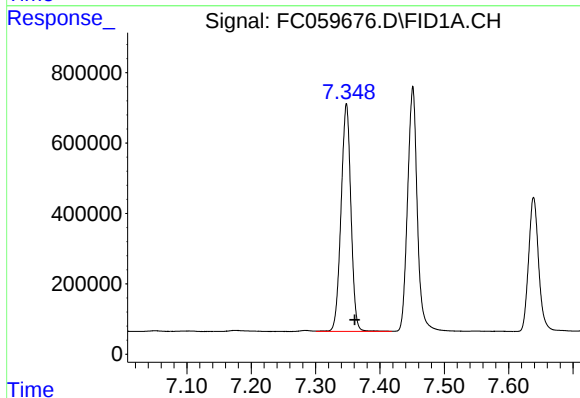
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.200 min
Delta R.T.: -0.019 min
Response: 7067270
Conc: 47.02 ug/ml

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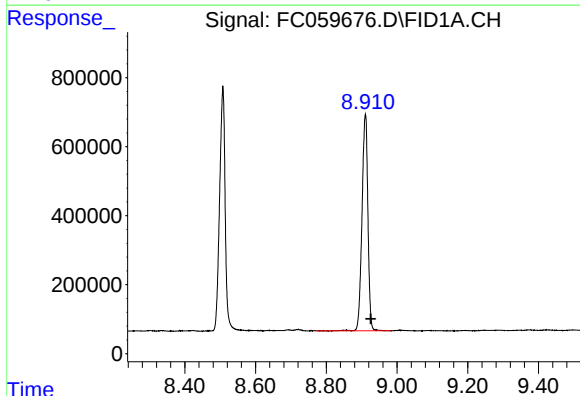
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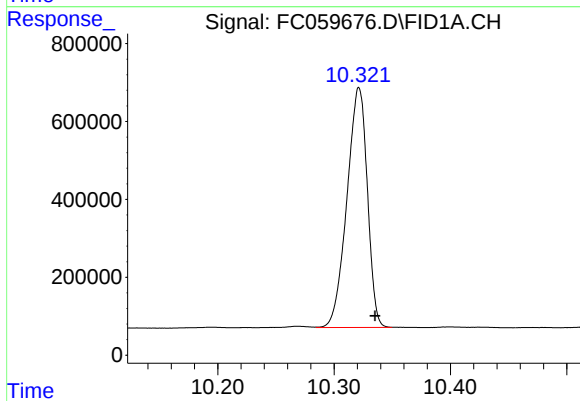
#6 n-Tetradecane (C14)

R.T.: 7.348 min
Delta R.T.: -0.013 min
Response: 6901544
Conc: 51.29 ug/ml



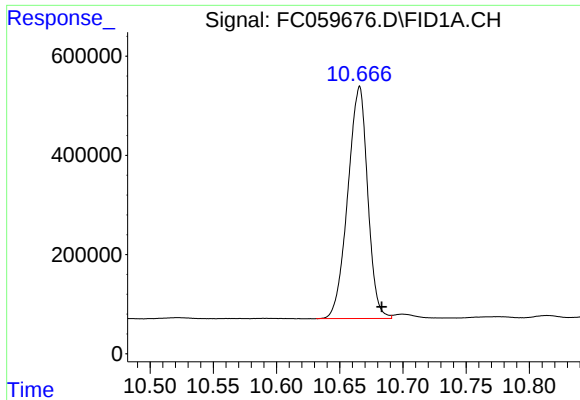
#7 n-Hexadecane (C16)

R.T.: 8.910 min
Delta R.T.: -0.016 min
Response: 7254953
Conc: 52.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.321 min
Delta R.T.: -0.015 min
Response: 7516079
Conc: 54.54 ug/ml m



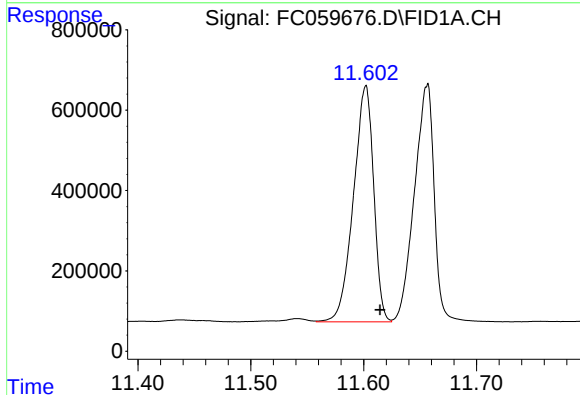
#9 ortho-Terphenyl (SURR)

R.T.: 10.666 min
Delta R.T.: -0.018 min
Response: 5131279
Conc: 34.94 ug/ml

Instrument :
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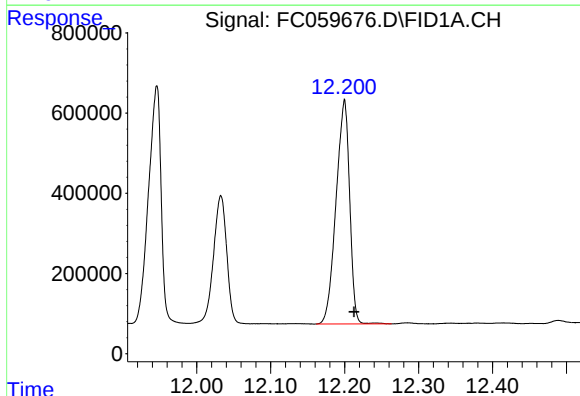
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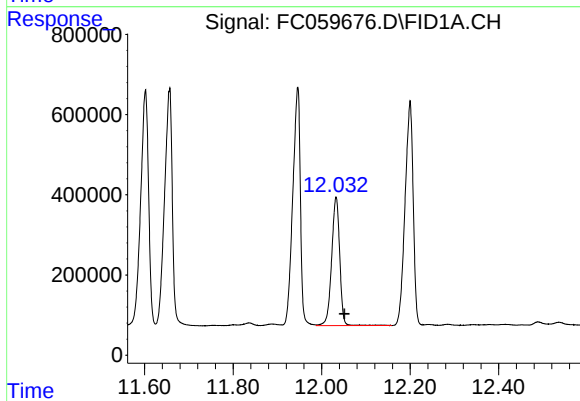
#10 n-Eicosane (C20)

R.T.: 11.601 min
Delta R.T.: -0.014 min
Response: 7323213
Conc: 54.45 ug/ml



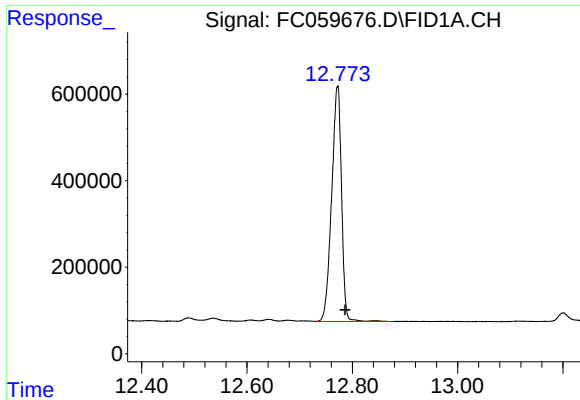
#11 n-Heneicosane (C21)

R.T.: 12.198 min
Delta R.T.: -0.014 min
Response: 7142869
Conc: 53.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.032 min
Delta R.T.: -0.019 min
Response: 4065927
Conc: 35.33 ug/ml



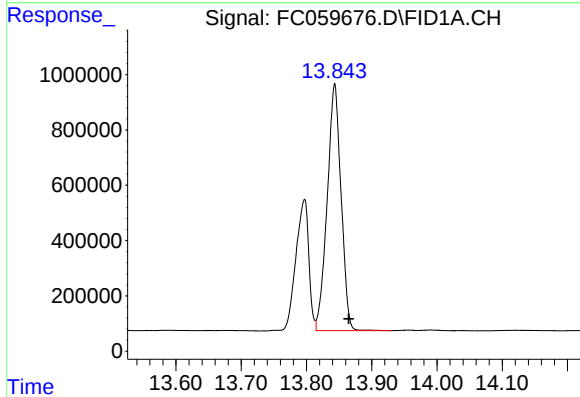
#13 n-Docosane (C22)

R.T.: 12.771 min
Delta R.T.: -0.015 min
Response: 7088121
Conc: 54.01 ug/ml

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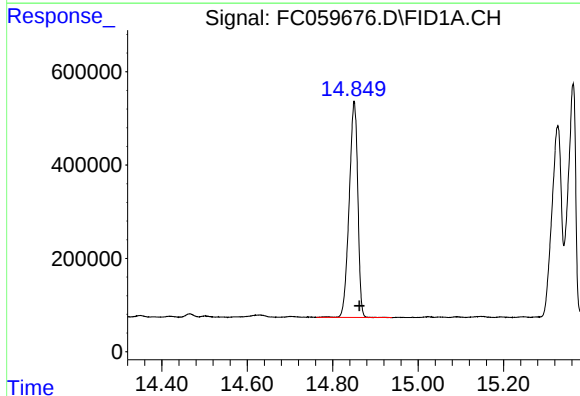
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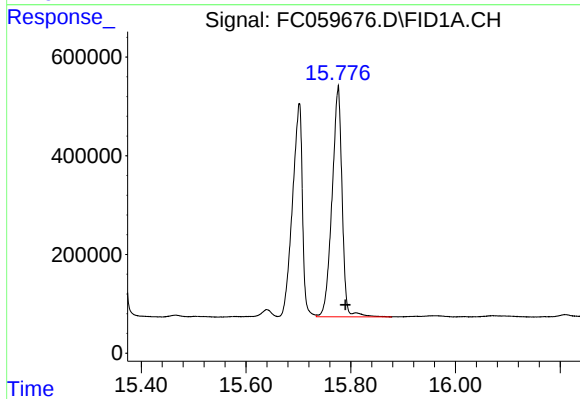
#14 n-Tetracosane (C24)

R.T.: 13.843 min
Delta R.T.: -0.022 min
Response: 13166349
Conc: 104.64 ug/ml



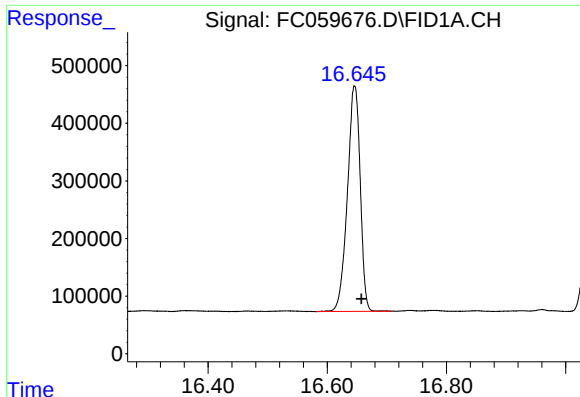
#15 n-Hexacosane (C26)

R.T.: 14.850 min
Delta R.T.: -0.013 min
Response: 6485133
Conc: 54.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.775 min
Delta R.T.: -0.016 min
Response: 6216749
Conc: 54.61 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.646 min
Delta R.T.: -0.012 min
Response: 5844857
Conc: 53.17 ug/ml

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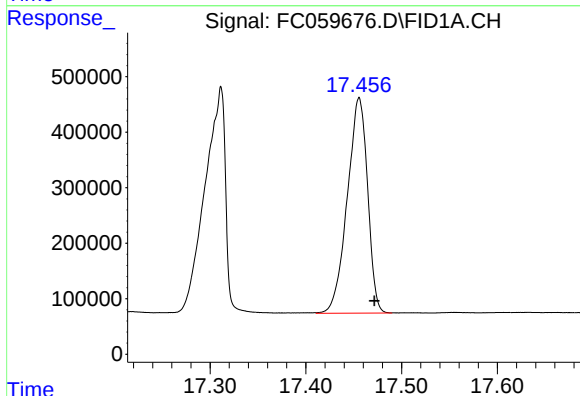
ClientSampleId :

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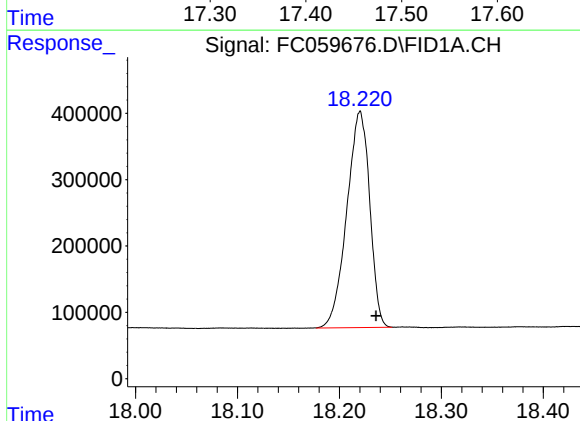
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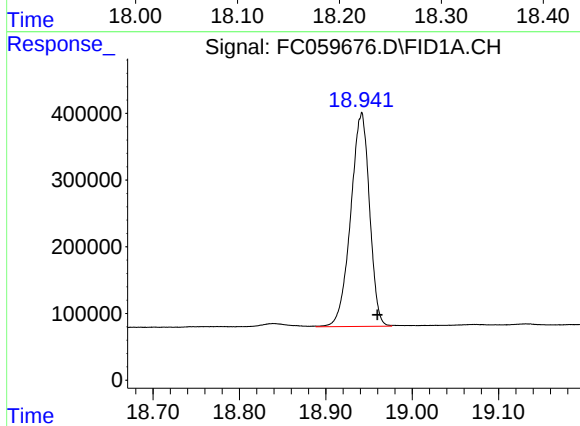
#18 n-Dotriacontane (C32)

R.T.: 17.456 min
Delta R.T.: -0.016 min
Response: 5742088
Conc: 55.54 ug/ml m



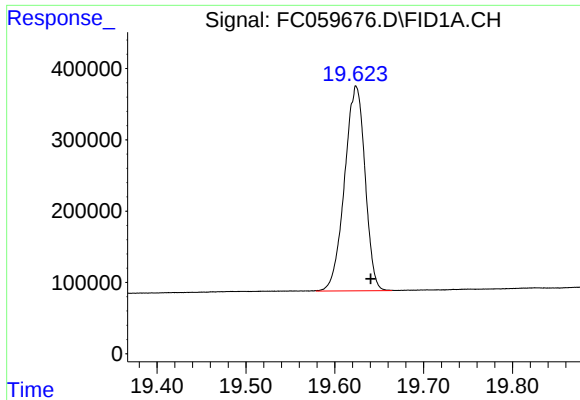
#19 n-Tetratriacontane (C34)

R.T.: 18.220 min
Delta R.T.: -0.016 min
Response: 5082256
Conc: 52.06 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.941 min
Delta R.T.: -0.018 min
Response: 4849846
Conc: 52.24 ug/ml m



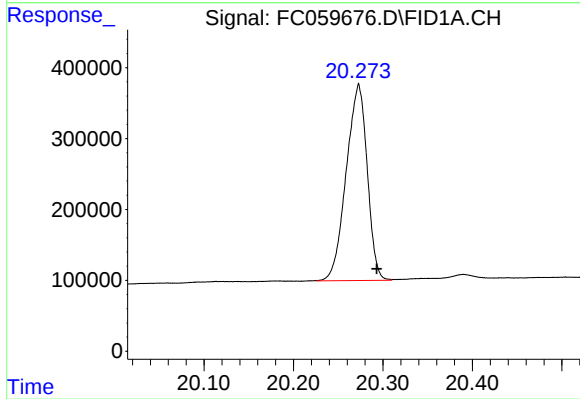
#21 n-Octatriacontane (C38)

R.T.: 19.623 min
Delta R.T.: -0.017 min
Response: 4597315
Conc: 48.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.273 min
Delta R.T.: -0.021 min
Response: 4510716
Conc: 47.65 ug/ml m