

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042722AL\
 Data File : FC059474.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2022 15:08
 Operator : UA/NP
 Sample : PB144388BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144388BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E
 Quant Time: Apr 28 04:51:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.097	7049371	43.869 ug/ml
Spiked Amount 50.000		Recovery =	87.74%
12) S 1-chlorooctadecane (S...	12.543	5792942	44.362 ug/ml
Spiked Amount 50.000		Recovery =	88.72%
Target Compounds			
1) T n-Nonane (C9)	2.975	5533613	44.152 ug/ml
2) T n-Decane (C10)	4.008	5850167	46.826 ug/ml
3) T A~Naphthalene (C11.7)	5.548	7080822	57.724 ug/ml
4) T n-Dodecane (C12)	5.998	6705000	50.846 ug/ml
5) T A~2-methylnaphthalene...	6.596	7327703	58.062 ug/ml
6) T n-Tetradecane (C14)	7.782	7314768	54.078 ug/ml
7) T n-Hexadecane (C16)	9.371	7667134	54.592 ug/ml
8) T n-Octadecane (C18)	10.805	8070308	55.247 ug/ml
10) T n-Eicosane (C20)	12.108	7745792	51.649 ug/mlm
11) T n-Heneicosane (C21)	12.715	7693804	50.580 ug/ml
13) T n-Docosane (C22)	13.298	7609997	49.666 ug/ml
14) T n-Tetracosane (C24)	14.395	8373866	54.080 ug/ml
15) T n-Hexacosane (C26)	15.414	6901195	44.778 ug/ml
16) T n-Octacosane (C28)	16.357	6709743	43.344 ug/ml
17) T n-Tricontane (C30)	17.243	6039917	39.765 ug/ml
18) T n-Dotriacontane (C32)	18.070	5964931	42.334 ug/ml
19) T n-Tetratriacontane (C34)	18.850	5447919	43.105 ug/ml
20) T n-Hexatriacontane (C36)	19.587	5295538	48.415 ug/ml
21) T n-Octatriacontane (C38)	20.286	5196474	55.797 ug/mlm
22) T n-Tetracontane (C40)	21.026	5155805	61.726 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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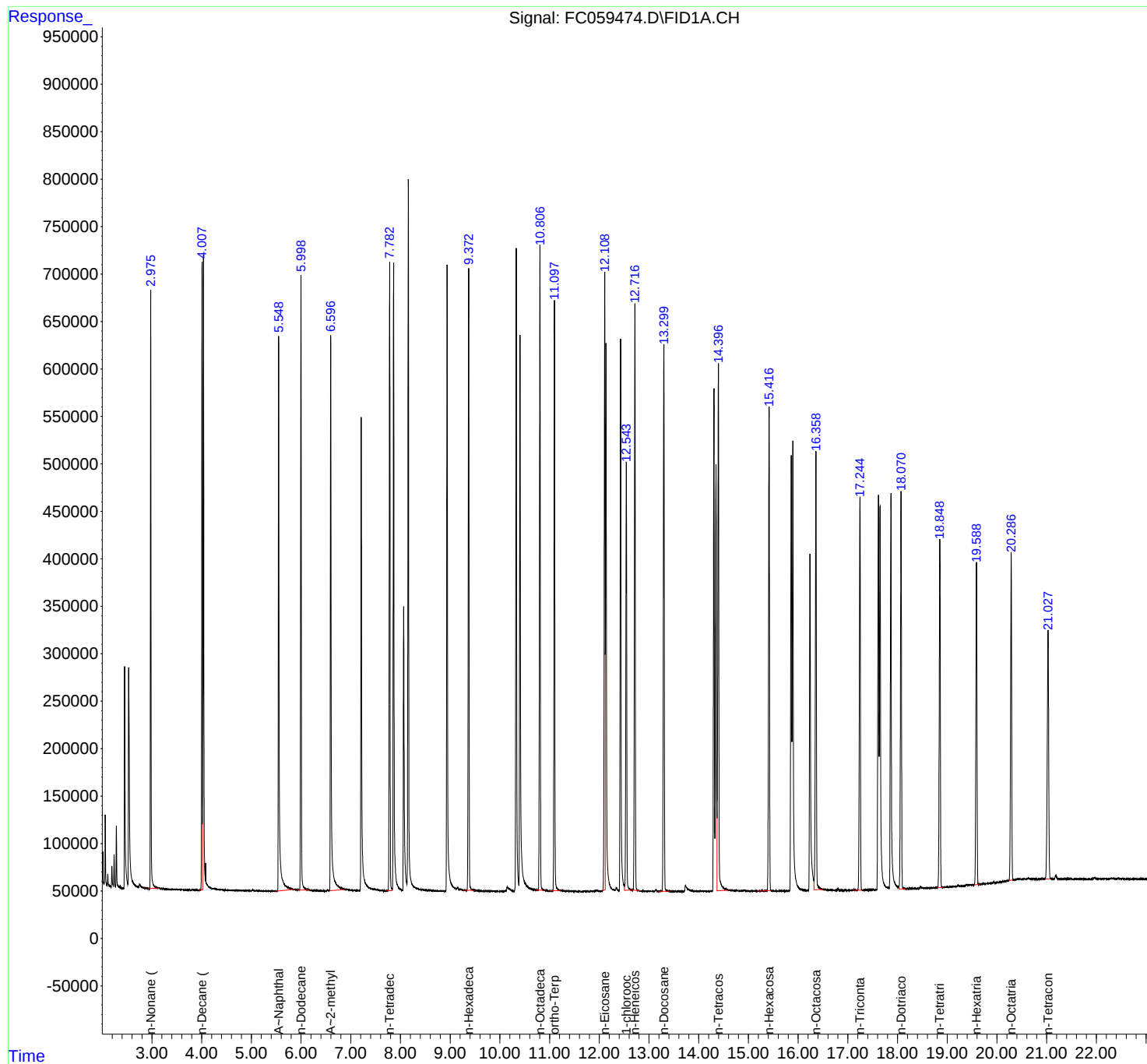
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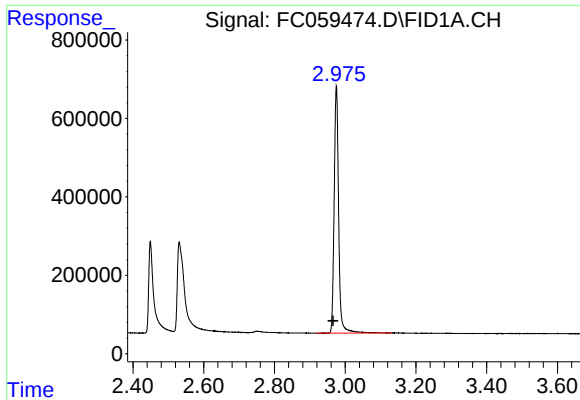
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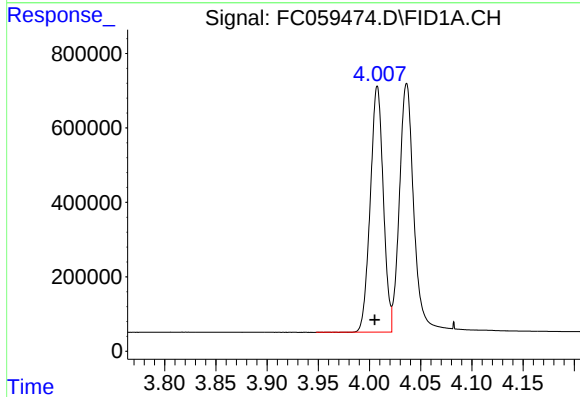
#1 n-Nonane (C9)

R.T.: 2.975 min
Delta R.T.: 0.009 min
Response: 5533613
Conc: 44.15 ug/ml

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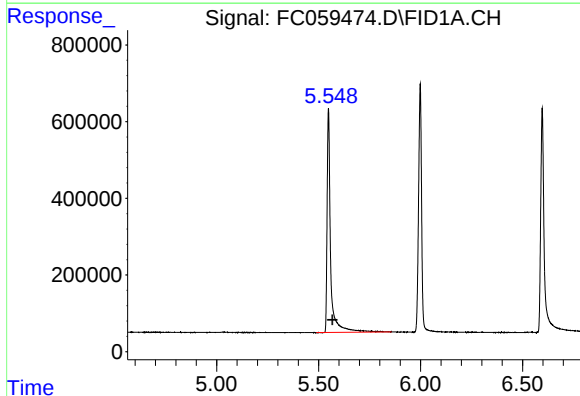
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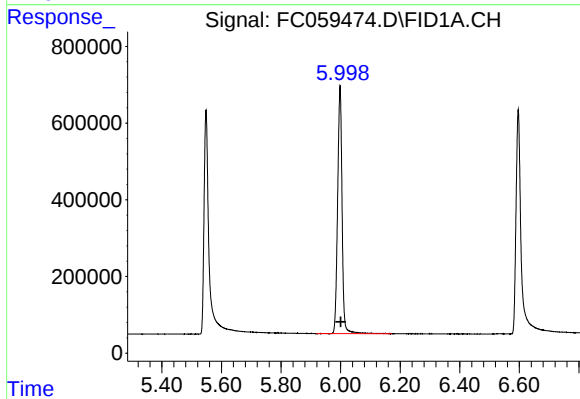
#2 n-Decane (C10)

R.T.: 4.008 min
Delta R.T.: 0.003 min
Response: 5850167
Conc: 46.83 ug/ml



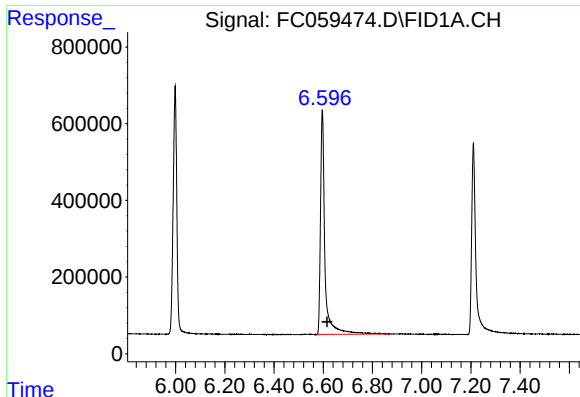
#3 A~Naphthalene (C11.7)

R.T.: 5.548 min
Delta R.T.: -0.019 min
Response: 7080822
Conc: 57.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 6705000
Conc: 50.85 ug/ml



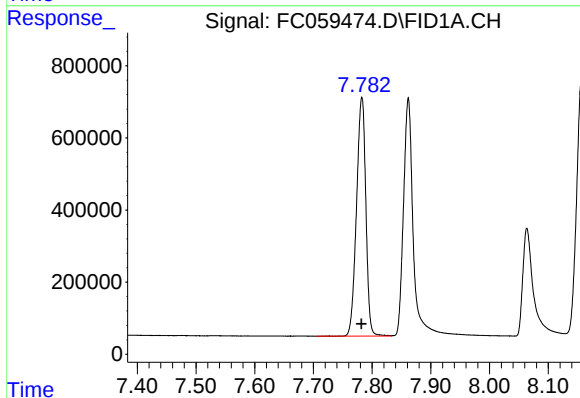
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.596 min
Delta R.T.: -0.019 min
Response: 7327703
Conc: 58.06 ug/ml

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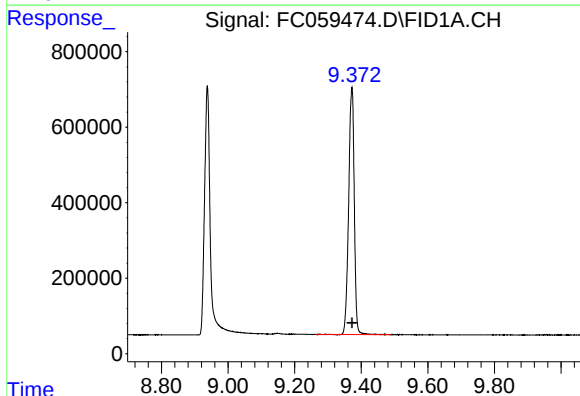
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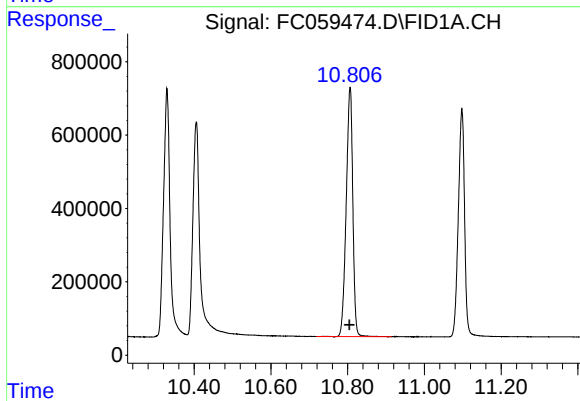
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 7314768
Conc: 54.08 ug/ml



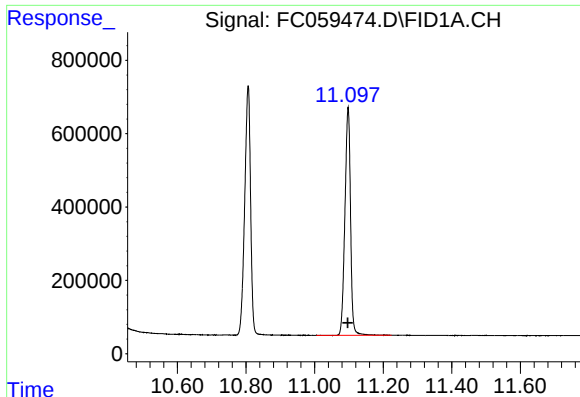
#7 n-Hexadecane (C16)

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 7667134
Conc: 54.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.805 min
Delta R.T.: 0.000 min
Response: 8070308
Conc: 55.25 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.097 min
Delta R.T.: 0.000 min
Response: 7049371
Conc: 43.87 ug/ml

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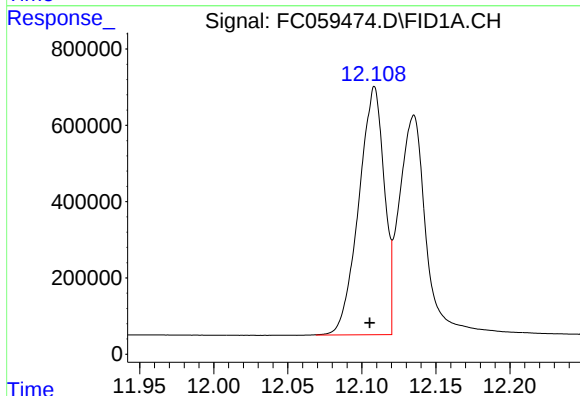
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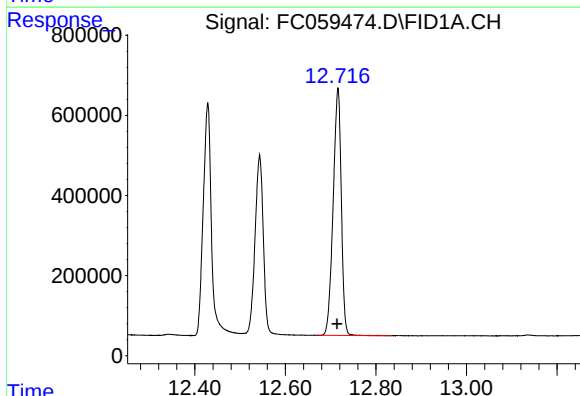
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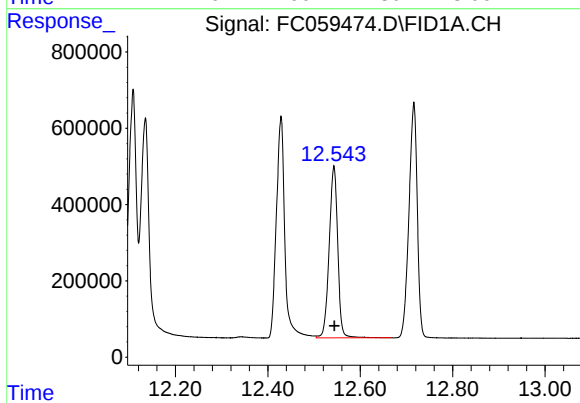
#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: 0.003 min
Response: 7745792
Conc: 51.65 ug/ml m



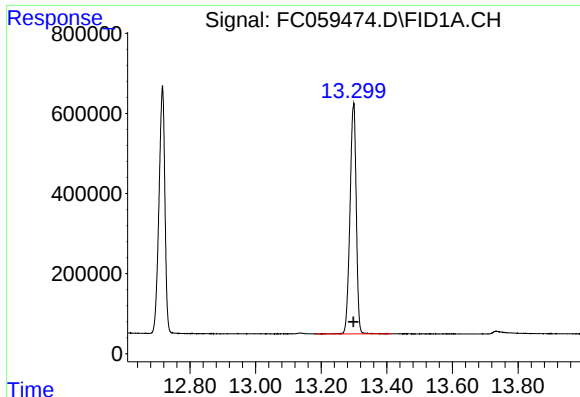
#11 n-Heneicosane (C21)

R.T.: 12.715 min
Delta R.T.: 0.000 min
Response: 7693804
Conc: 50.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.543 min
Delta R.T.: -0.002 min
Response: 5792942
Conc: 44.36 ug/ml



#13 n-Docosane (C22)

R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 7609997
Conc: 49.67 ug/ml

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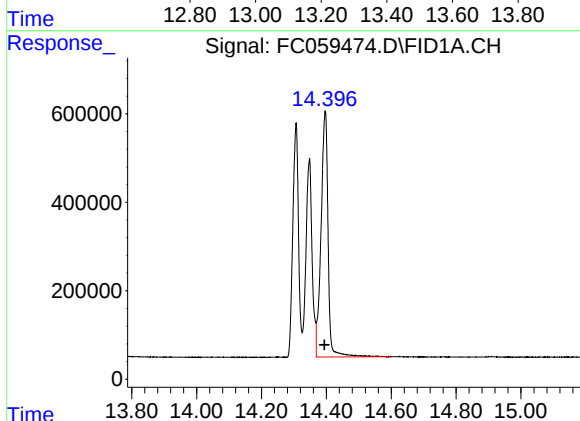
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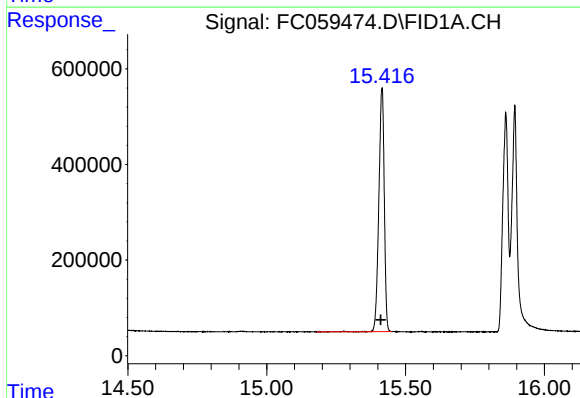
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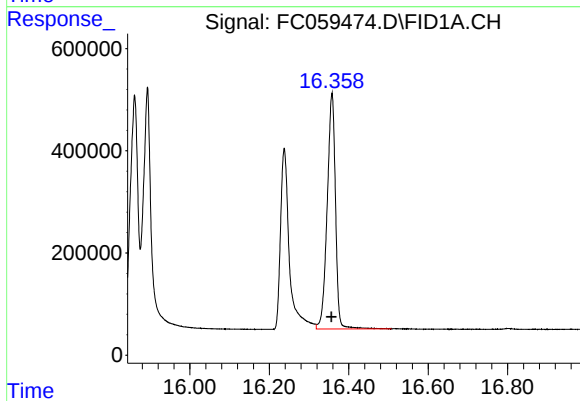
#14 n-Tetracosane (C24)

R.T.: 14.395 min
Delta R.T.: 0.001 min
Response: 8373866
Conc: 54.08 ug/ml



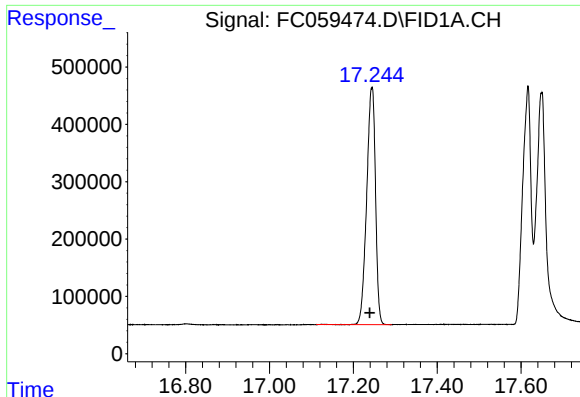
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: 0.003 min
Response: 6901195
Conc: 44.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: 0.000 min
Response: 6709743
Conc: 43.34 ug/ml



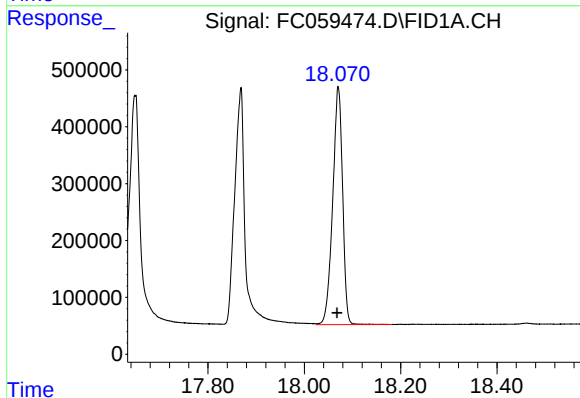
#17 n-Tricontane (C30)

R.T.: 17.243 min
Delta R.T.: 0.004 min
Response: 6039917
Conc: 39.77 ug/ml

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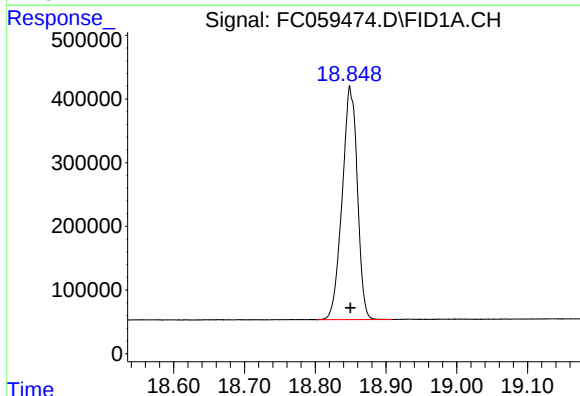
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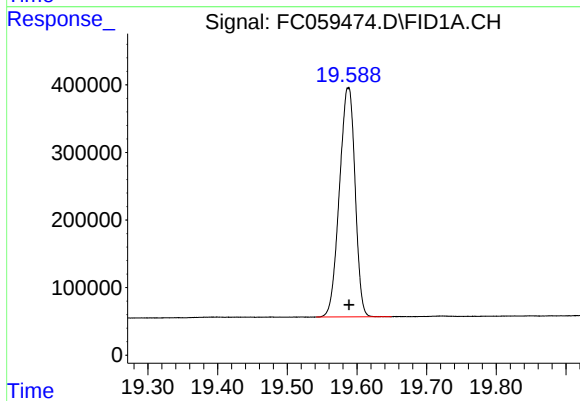
#18 n-Dotriacontane (C32)

R.T.: 18.070 min
Delta R.T.: 0.002 min
Response: 5964931
Conc: 42.33 ug/ml



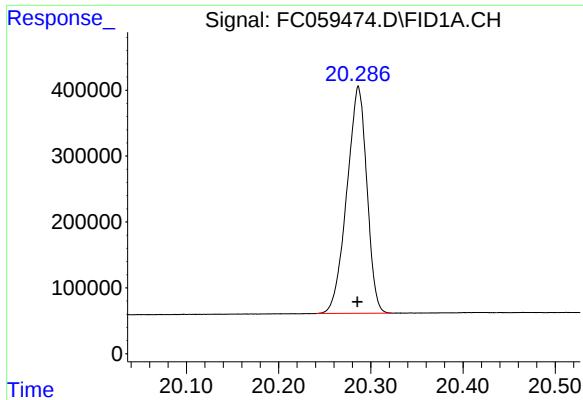
#19 n-Tetratriacontane (C34)

R.T.: 18.850 min
Delta R.T.: 0.000 min
Response: 5447919
Conc: 43.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.587 min
Delta R.T.: -0.001 min
Response: 5295538
Conc: 48.42 ug/ml



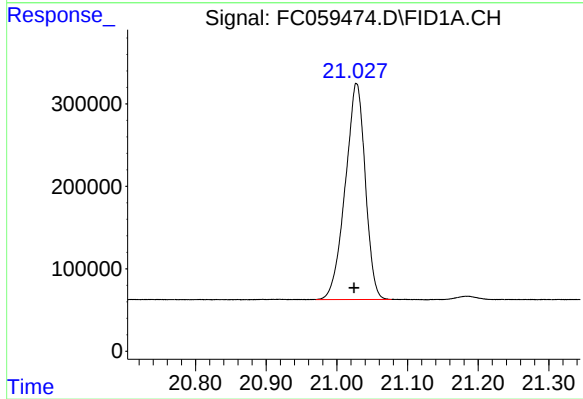
#21 n-Octatriacontane (C38)

R.T.: 20.286 min
Delta R.T.: 0.000 min
Response: 5196474
Conc: 55.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.026 min
Delta R.T.: 0.002 min
Response: 5155805
Conc: 61.73 ug/ml m