

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062521AL\
 Data File : FC054461.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jun 2021 6:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 6/28/2021 12:56:40 PM

Integration File: autoint1.e
 Quant Time: Jun 26 06:37:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.330	2942835	20.787 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	12.774	2325605	20.862 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
Target Compounds			
1) T n-Nonane (C9)	3.143	2428209	20.649 ug/ml
2) T n-Decane (C10)	4.198	2455948	20.683 ug/ml
3) T A~Naphthalene (C11.7)	5.765	2720668	20.694 ug/ml
4) T n-Dodecane (C12)	6.206	2476608	20.663 ug/ml
5) T A~2-methylnaphthalene...	6.817	2731091	20.687 ug/ml
6) T n-Tetradecane (C14)	7.994	2518580	20.672 ug/ml
7) T n-Hexadecane (C16)	9.589	2570889	20.640 ug/ml
8) T n-Octadecane (C18)	11.026	2676350	20.721 ug/ml
10) T n-Eicosane (C20)	12.333	2701768	20.764 ug/ml
11) T n-Heneicosane (C21)	12.943	2757378	20.768 ug/ml
13) T n-Docosane (C22)	13.528	2752555	20.777 ug/ml
14) T n-Tetracosane (C24)	14.629	2822809	20.853 ug/ml
15) T n-Hexacosane (C26)	15.646	2807431	20.718 ug/ml
16) T n-Octacosane (C28)	16.595	2852667	20.784 ug/ml
17) T n-Tricontane (C30)	17.481	2972942	21.465 ug/ml
18) T n-Dotriacontane (C32)	18.312	3129185	22.872 ug/ml
19) T n-Tetratriacontane (C34)	19.094	2878058	21.300 ug/ml
20) T n-Hexatriacontane (C36)	19.831	2636455	21.358 ug/mlm
21) T n-Octatriacontane (C38)	20.538	2345080	20.731 ug/ml
22) T n-Tetracontane (C40)	21.359	2977320	26.341 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

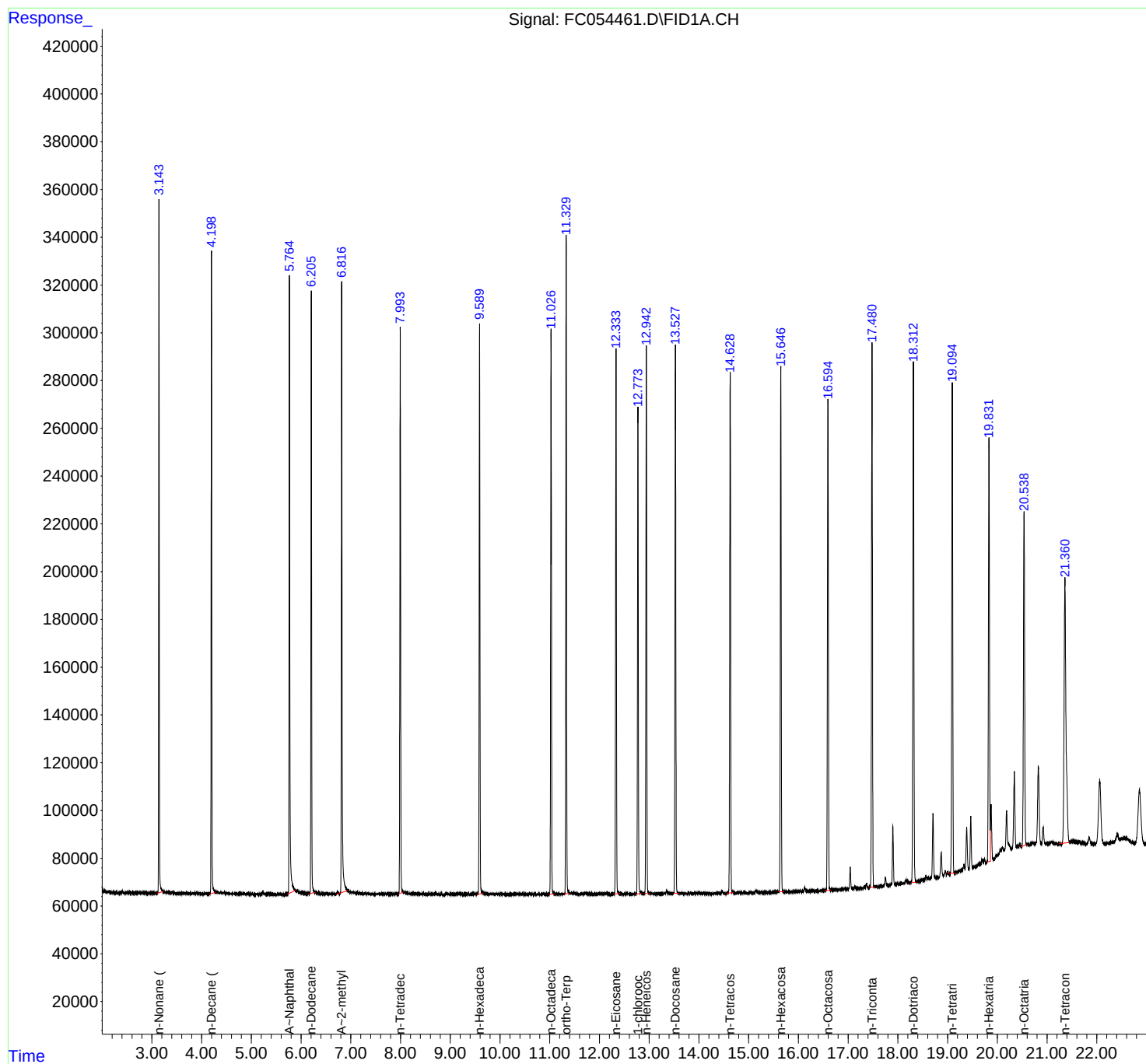
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

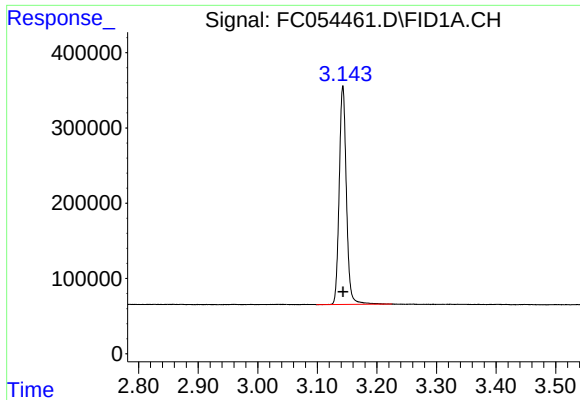
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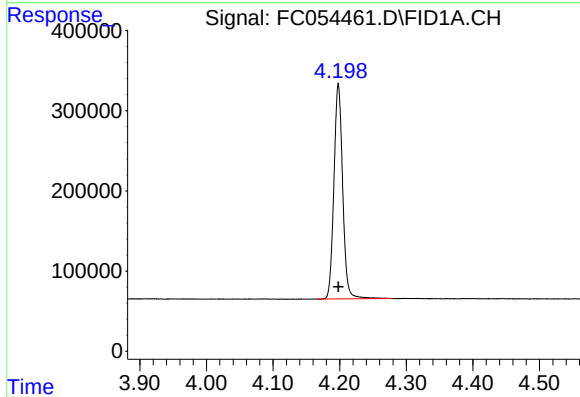
#1 n-Nonane (C9)

R.T.: 3.143 min
Delta R.T.: 0.000 min
Response: 2428209
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

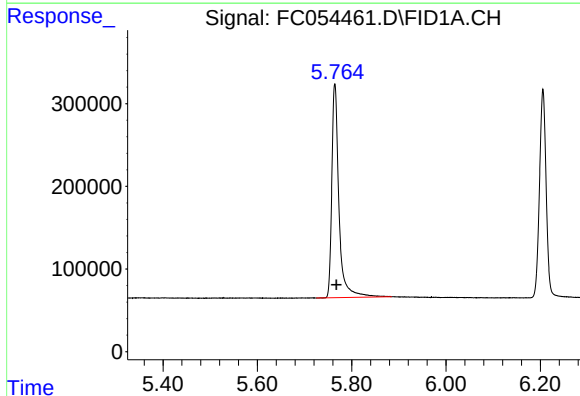
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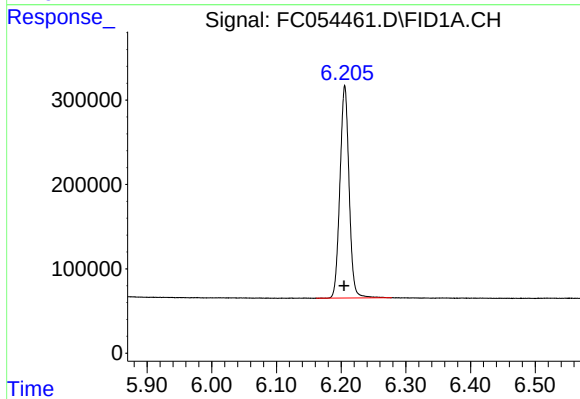
#2 n-Decane (C10)

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 2455948
Conc: 20.68 ug/ml



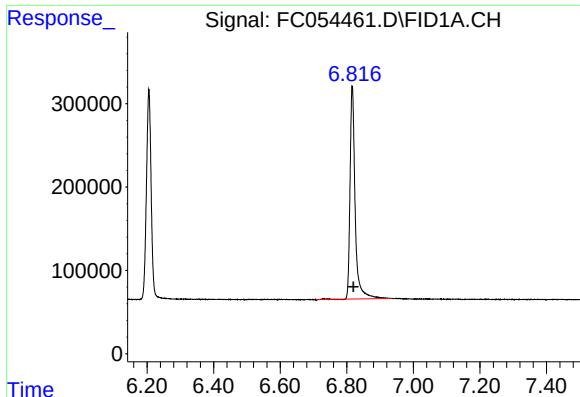
#3 A~Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 2720668
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.206 min
Delta R.T.: 0.001 min
Response: 2476608
Conc: 20.66 ug/ml



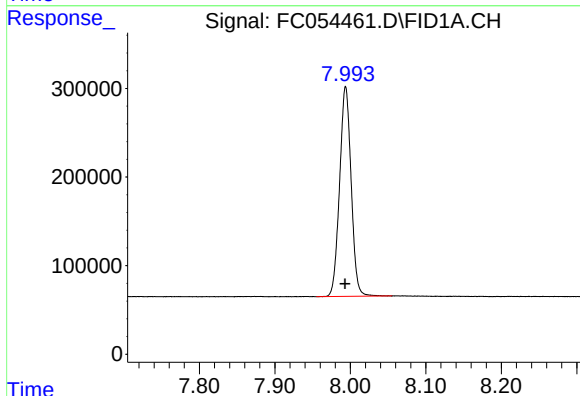
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.003 min
Response: 2731091
Conc: 20.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

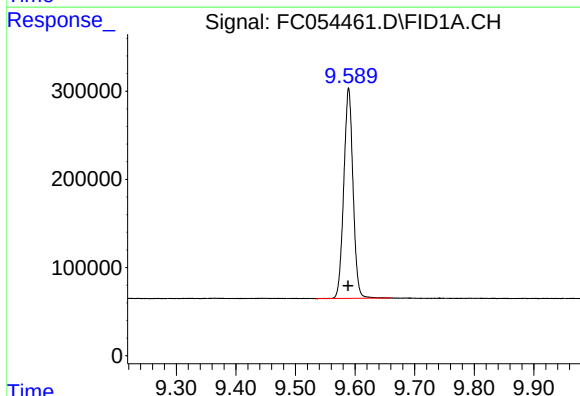
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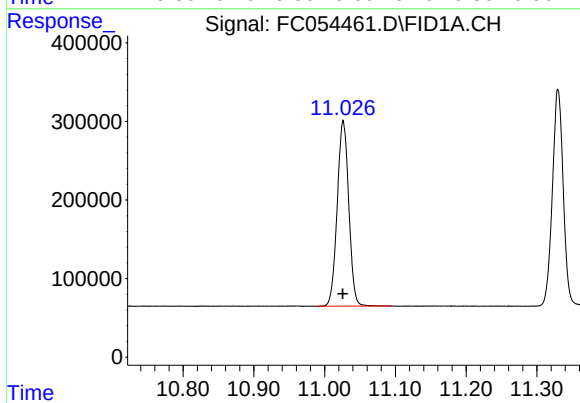
#6 n-Tetradecane (C14)

R.T.: 7.994 min
Delta R.T.: 0.000 min
Response: 2518580
Conc: 20.67 ug/ml



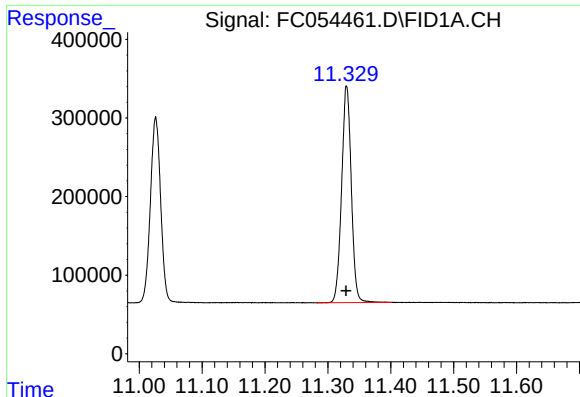
#7 n-Hexadecane (C16)

R.T.: 9.589 min
Delta R.T.: 0.000 min
Response: 2570889
Conc: 20.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.026 min
Delta R.T.: 0.000 min
Response: 2676350
Conc: 20.72 ug/ml



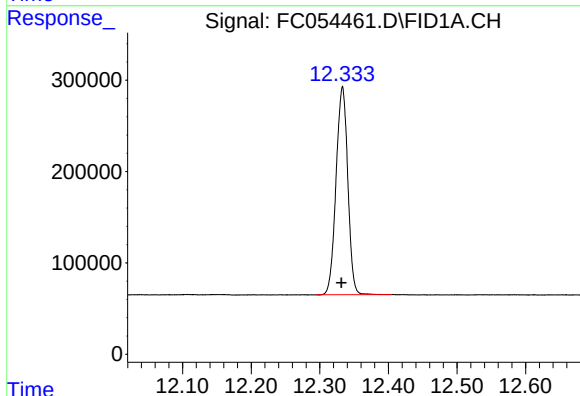
#9 ortho-Terphenyl (SURR)

R.T.: 11.330 min
Delta R.T.: 0.001 min
Response: 2942835
Conc: 20.79 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD

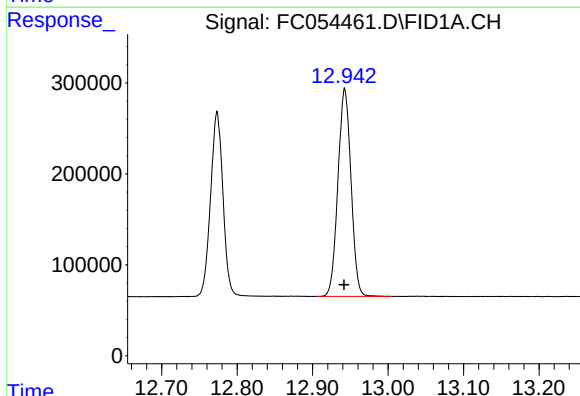
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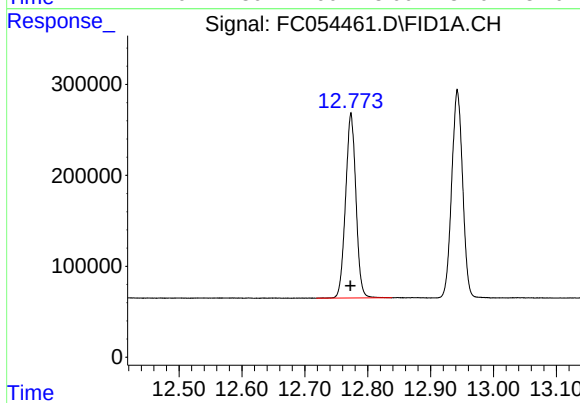
#10 n-Eicosane (C20)

R.T.: 12.333 min
Delta R.T.: 0.001 min
Response: 2701768
Conc: 20.76 ug/ml



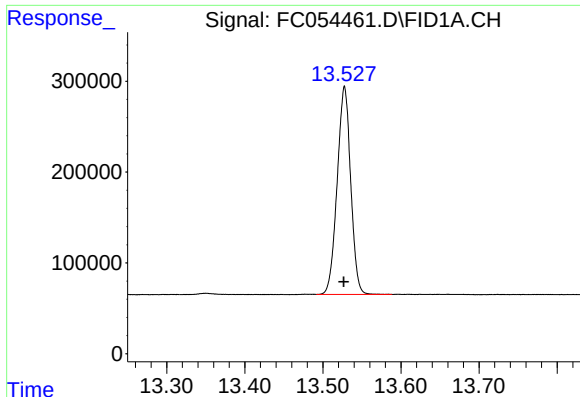
#11 n-Heneicosane (C21)

R.T.: 12.943 min
Delta R.T.: 0.001 min
Response: 2757378
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.774 min
Delta R.T.: 0.000 min
Response: 2325605
Conc: 20.86 ug/ml



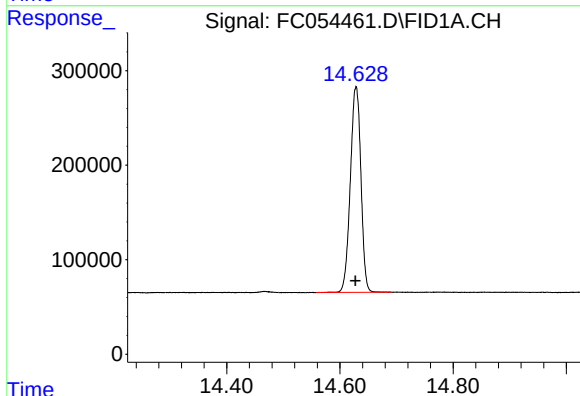
#13 n-Docosane (C22)

R.T.: 13.528 min
Delta R.T.: 0.000 min
Response: 2752555
Conc: 20.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

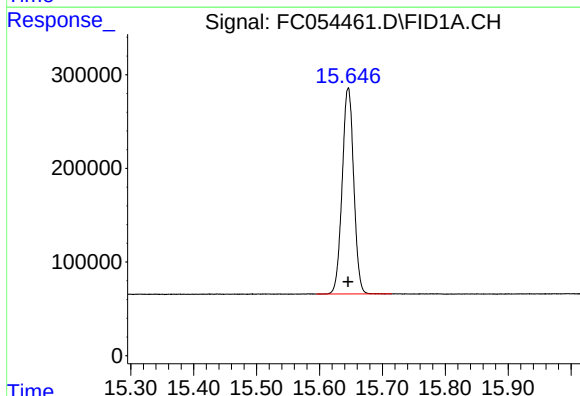
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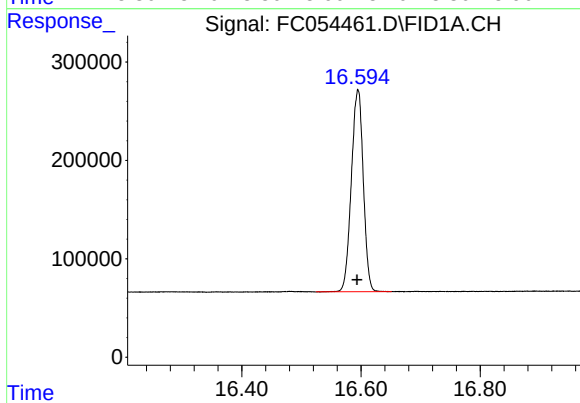
#14 n-Tetracosane (C24)

R.T.: 14.629 min
Delta R.T.: 0.000 min
Response: 2822809
Conc: 20.85 ug/ml



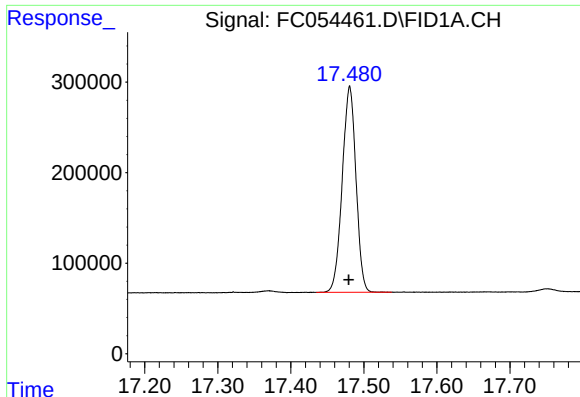
#15 n-Hexacosane (C26)

R.T.: 15.646 min
Delta R.T.: 0.000 min
Response: 2807431
Conc: 20.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.595 min
Delta R.T.: 0.001 min
Response: 2852667
Conc: 20.78 ug/ml



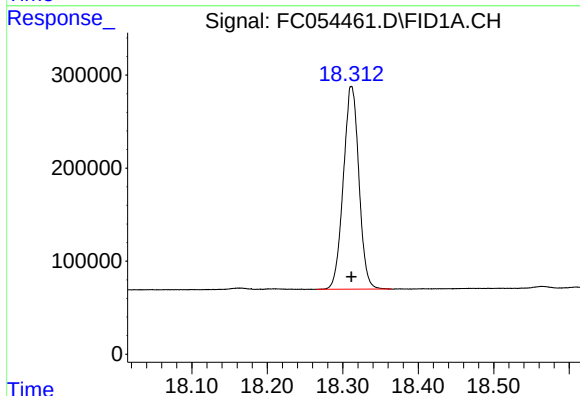
#17 n-Tricontane (C30)

R.T.: 17.481 min
Delta R.T.: 0.002 min
Response: 2972942
Conc: 21.46 ug/ml

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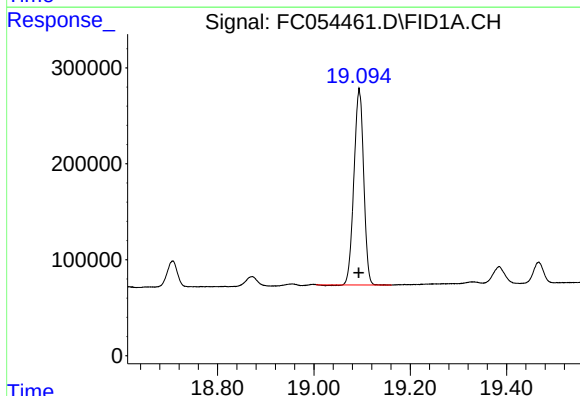
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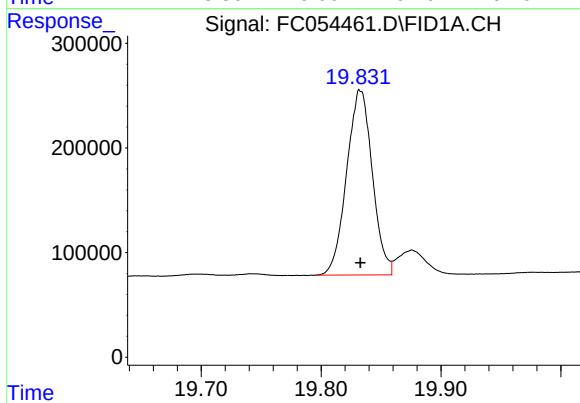
#18 n-Dotriacontane (C32)

R.T.: 18.312 min
Delta R.T.: 0.000 min
Response: 3129185
Conc: 22.87 ug/ml



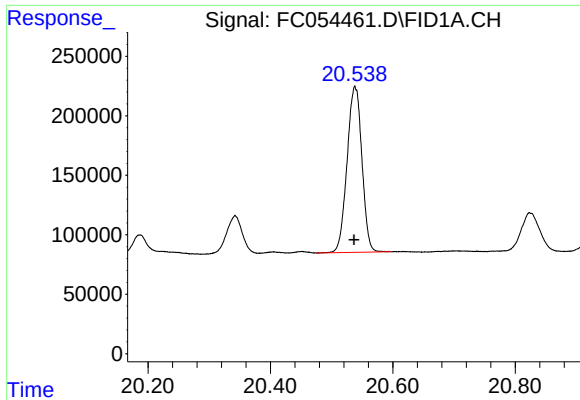
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 2878058
Conc: 21.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.831 min
Delta R.T.: -0.002 min
Response: 2636455
Conc: 21.36 ug/ml m



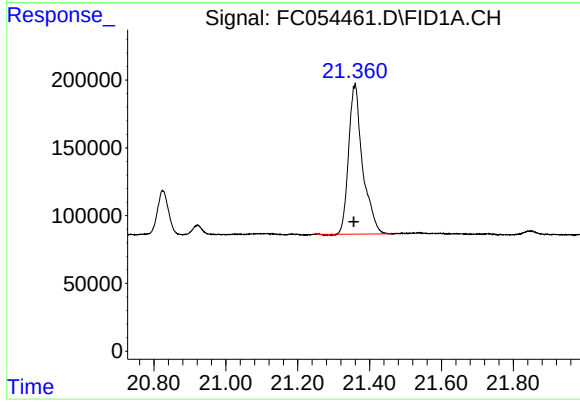
#21 n-Octatriacontane (C38)

R.T.: 20.538 min
Delta R.T.: 0.001 min
Response: 2345080
Conc: 20.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.359 min
Delta R.T.: 0.003 min
Response: 2977320
Conc: 26.34 ug/ml