

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AL\
 Data File : FD042558.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 20:02
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 20 03:07:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.201	2850875	17.013 ug/ml
Spiked Amount 50.000		Recovery =	34.03%
12) S 1-chlorooctadecane (S...	12.639	2214189	17.172 ug/ml
Spiked Amount 50.000		Recovery =	34.34%
Target Compounds			
1) T n-Nonane (C9)	3.077	2398003	15.790 ug/ml
2) T n-Decane (C10)	4.120	2487849	16.536 ug/ml
3) T A~Naphthalene (C11.7)	5.671	2491688	16.176 ug/ml
4) T n-Dodecane (C12)	6.113	2609279	16.606 ug/ml
5) T A~2-methylnaphthalene...	6.718	2511853	16.323 ug/ml
6) T n-Tetradecane (C14)	7.888	2636886	16.734 ug/ml
7) T n-Hexadecane (C16)	9.473	2661653	16.852 ug/ml
8) T n-Octadecane (C18)	10.903	2683845	17.016 ug/ml
10) T n-Eicosane (C20)	12.202	2632631	17.091 ug/ml
11) T n-Heneicosane (C21)	12.809	2614074	17.097 ug/ml
13) T n-Docosane (C22)	13.391	2602091	17.378 ug/ml
14) T n-Tetracosane (C24)	14.486	2569062	17.811 ug/ml
15) T n-Hexacosane (C26)	15.501	2506767	17.900 ug/ml
16) T n-Octacosane (C28)	16.445	2587647	18.982 ug/ml
17) T n-Tricontane (C30)	17.325	2794276	20.988 ug/ml
18) T n-Dotriacontane (C32)	18.153	2754149	21.644 ug/ml
19) T n-Tetratriacontane (C34)	18.933	2486012	20.598 ug/ml
20) T n-Hexatriacontane (C36)	19.668	2179937	19.249 ug/ml
21) T n-Octatriacontane (C38)	20.364	1964549	18.193 ug/ml
22) T n-Tetracontane (C40)	21.134	1852914	17.370 ug/ml

(f)=RT Delta > 1/2 Window

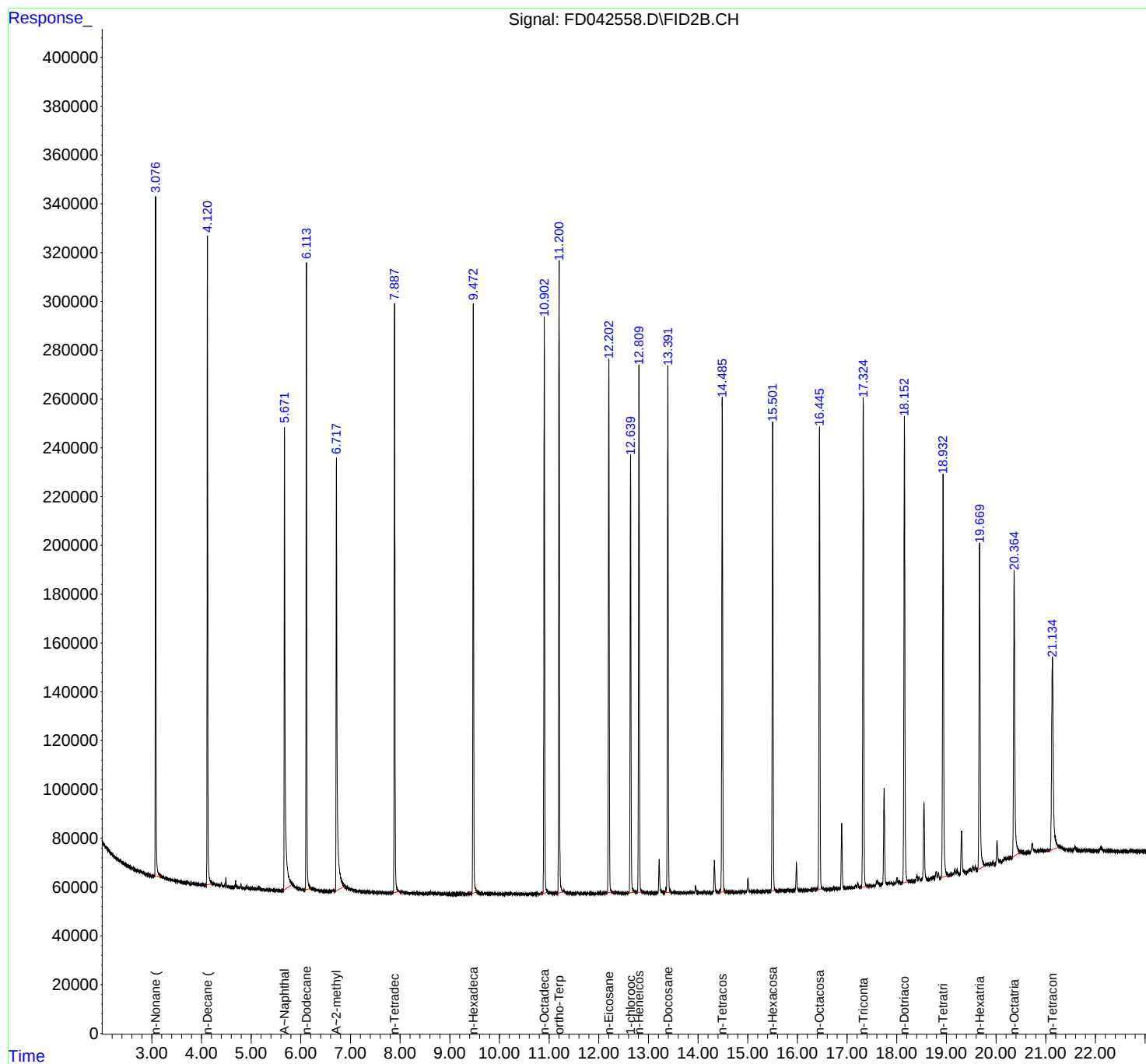
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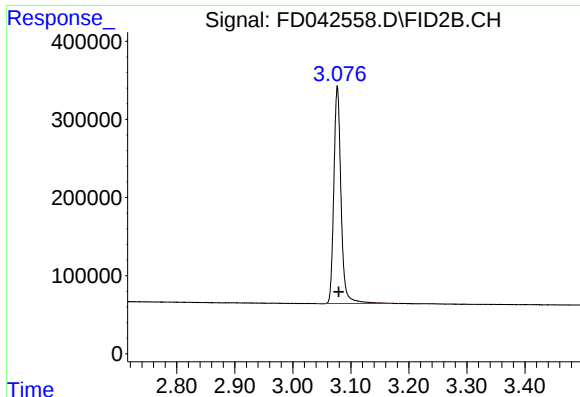
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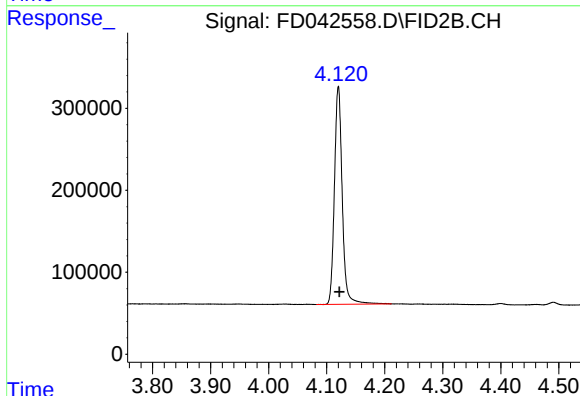




#1 n-Nonane (C9)

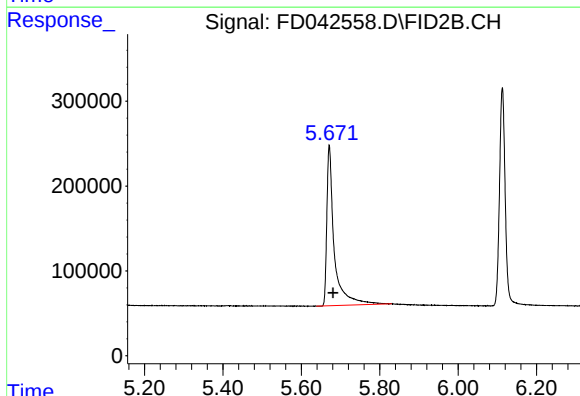
R.T.: 3.077 min
Delta R.T.: -0.002 min
Response: 2398003
Conc: 15.79 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



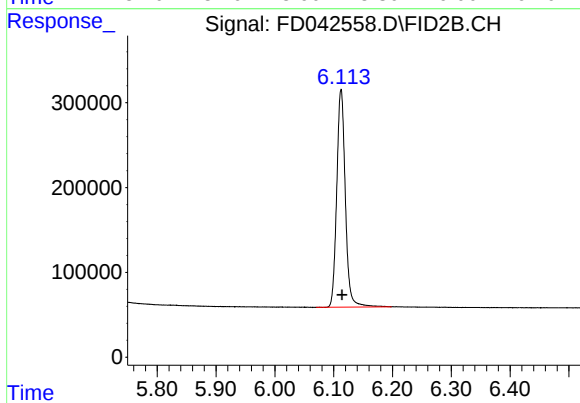
#2 n-Decane (C10)

R.T.: 4.120 min
Delta R.T.: -0.002 min
Response: 2487849
Conc: 16.54 ug/ml



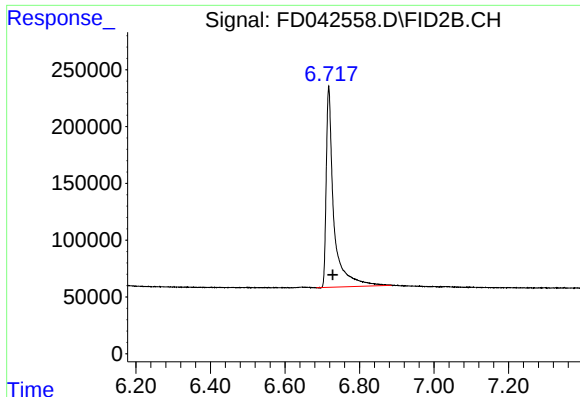
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.009 min
Response: 2491688
Conc: 16.18 ug/ml



#4 n-Dodecane (C12)

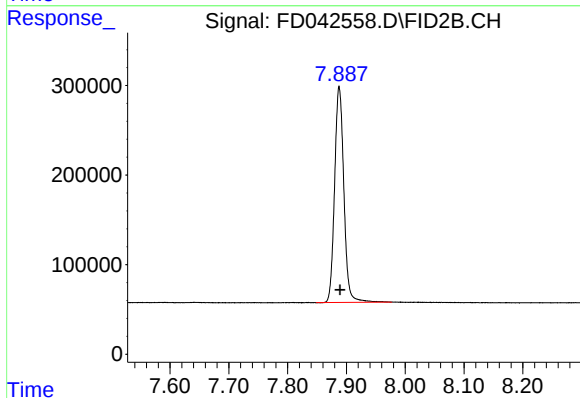
R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 2609279
Conc: 16.61 ug/ml



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

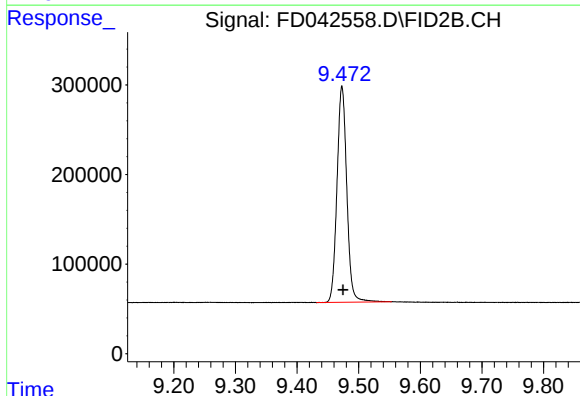
R.T.: 6.718 min
Delta R.T.: -0.010 min
Response: 2511853
Conc: 16.32 ug/ml

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20 PPM ALIPHATIC HC STD



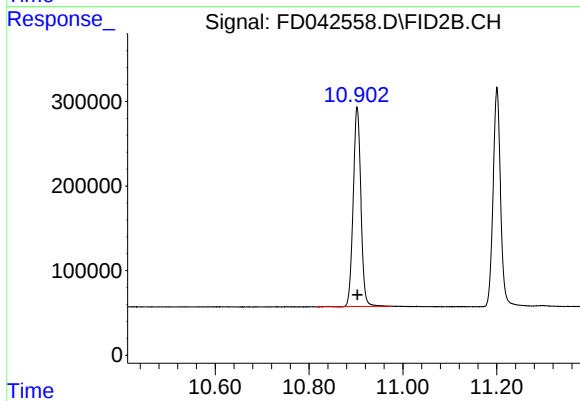
#6 n-Tetradecane (C14)

R.T.: 7.888 min
Delta R.T.: -0.001 min
Response: 2636886
Conc: 16.73 ug/ml



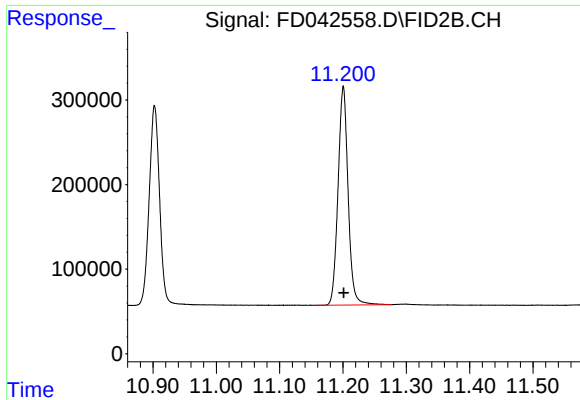
#7 n-Hexadecane (C16)

R.T.: 9.473 min
Delta R.T.: -0.002 min
Response: 2661653
Conc: 16.85 ug/ml



#8 n-Octadecane (C18)

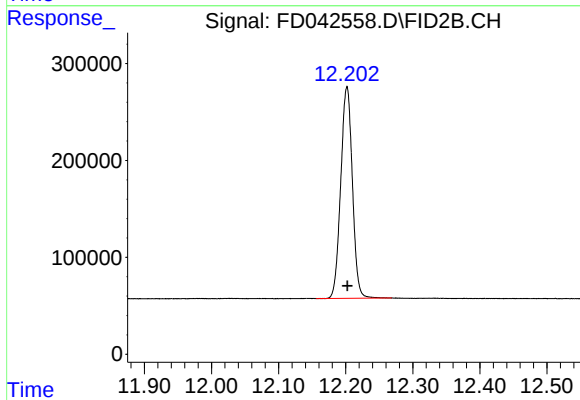
R.T.: 10.903 min
Delta R.T.: 0.000 min
Response: 2683845
Conc: 17.02 ug/ml



#9 ortho-Terphenyl (SURR)

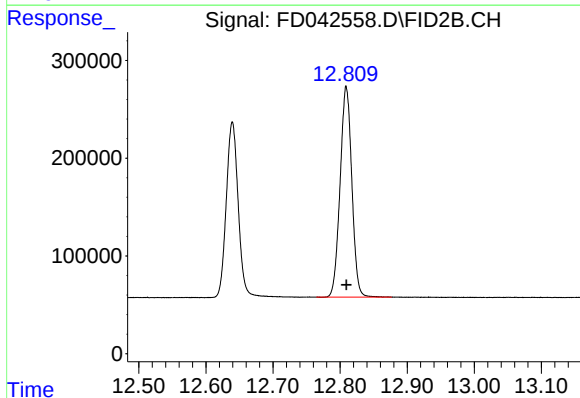
R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 2850875
Conc: 17.01 ug/ml

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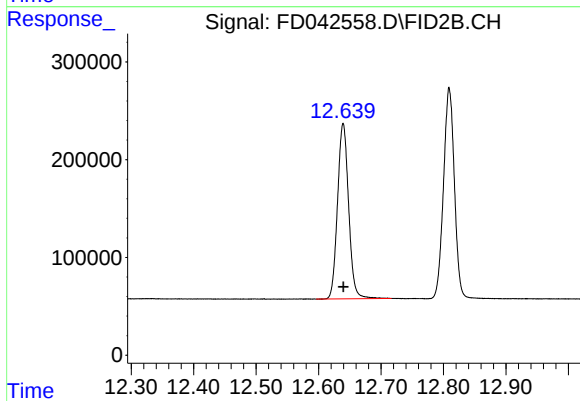
#10 n-Eicosane (C20)

R.T.: 12.202 min
Delta R.T.: 0.000 min
Response: 2632631
Conc: 17.09 ug/ml



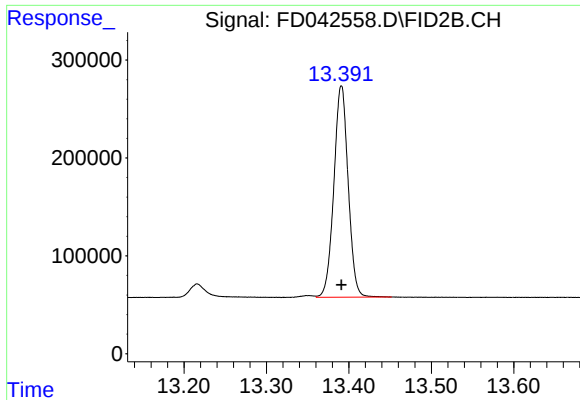
#11 n-Heneicosane (C21)

R.T.: 12.809 min
Delta R.T.: 0.000 min
Response: 2614074
Conc: 17.10 ug/ml



#12 1-chlorooctadecane (SURR)

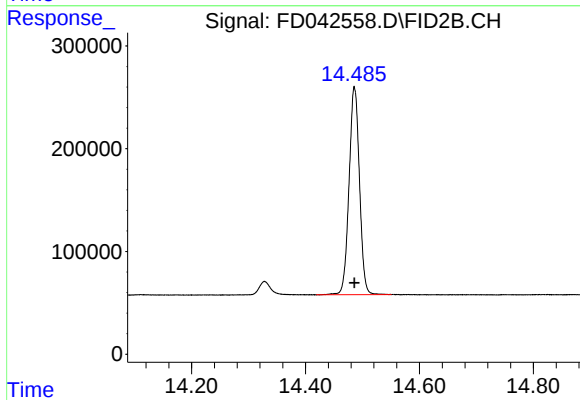
R.T.: 12.639 min
Delta R.T.: 0.000 min
Response: 2214189
Conc: 17.17 ug/ml



#13 n-Docosane (C22)

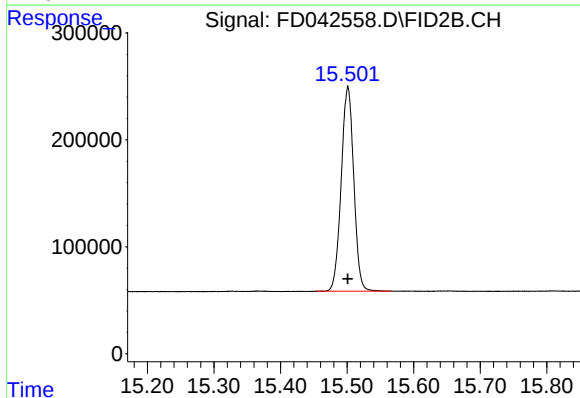
R.T.: 13.391 min
Delta R.T.: 0.000 min
Response: 2602091
Conc: 17.38 ug/ml

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20 PPM ALIPHATIC HC STD



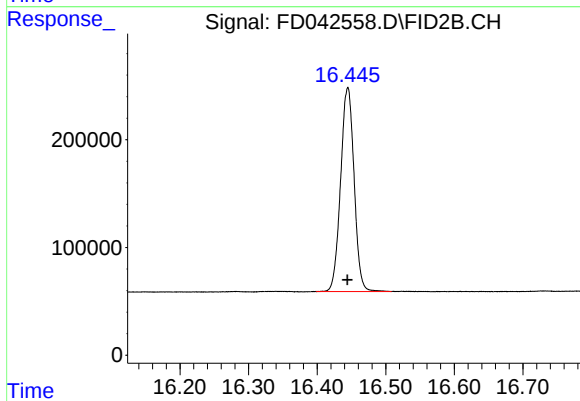
#14 n-Tetracosane (C24)

R.T.: 14.486 min
Delta R.T.: 0.000 min
Response: 2569062
Conc: 17.81 ug/ml



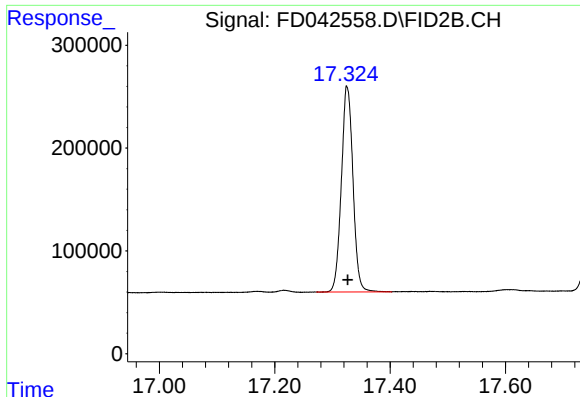
#15 n-Hexacosane (C26)

R.T.: 15.501 min
Delta R.T.: 0.000 min
Response: 2506767
Conc: 17.90 ug/ml



#16 n-Octacosane (C28)

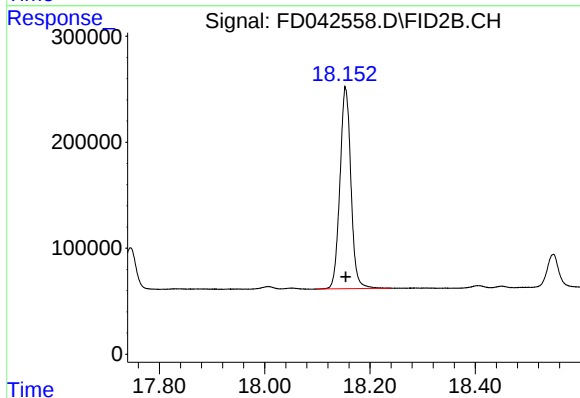
R.T.: 16.445 min
Delta R.T.: 0.000 min
Response: 2587647
Conc: 18.98 ug/ml



#17 n-Tricontane (C30)

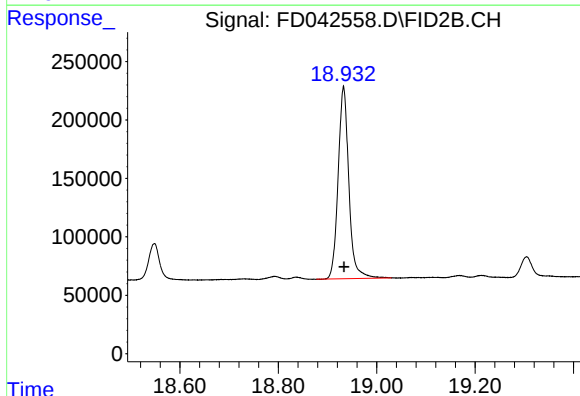
R.T.: 17.325 min
Delta R.T.: -0.001 min
Response: 2794276
Conc: 20.99 ug/ml

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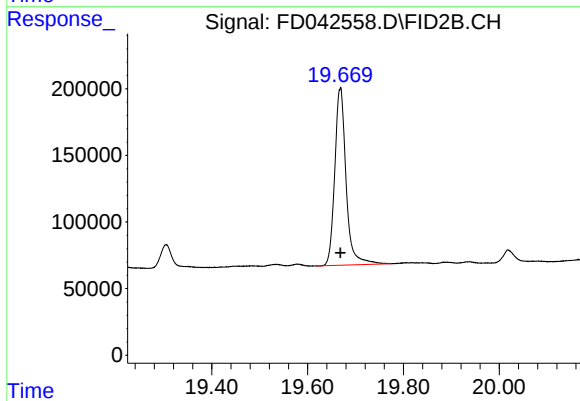
#18 n-Dotriacontane (C32)

R.T.: 18.153 min
Delta R.T.: 0.000 min
Response: 2754149
Conc: 21.64 ug/ml



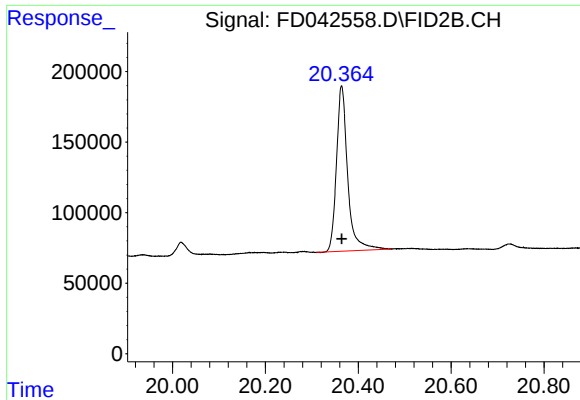
#19 n-Tetratriacontane (C34)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 2486012
Conc: 20.60 ug/ml



#20 n-Hexatriacontane (C36)

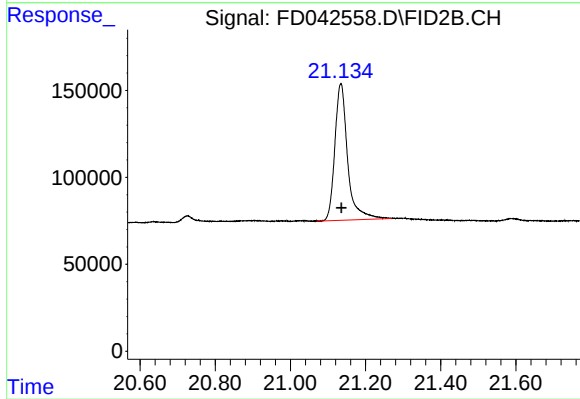
R.T.: 19.668 min
Delta R.T.: 0.000 min
Response: 2179937
Conc: 19.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.364 min
Delta R.T.: 0.000 min
Response: 1964549
Conc: 18.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.134 min
Delta R.T.: 0.000 min
Response: 1852914
Conc: 17.37 ug/ml