

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112921AL\
 Data File : FD039671.D
 Signal(s) : FID2B.CH
 Acq On : 29 Nov 2021 15:36
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/29/2021
 Supervised By :mohammad ahmed 11/29/2021

Integration File: autoint1.e
 Quant Time: Nov 29 15:59:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 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)	11.656	2386516	18.733 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
12) S 1-chlorooctadecane (S...	13.083	1865594	18.965 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.419	2141947	18.748 ug/ml
2) T n-Decane (C10)	4.487	2163624	18.813 ug/ml
3) T A~Naphthalene (C11.7)	6.078	2392214	18.800 ug/ml
4) T n-Dodecane (C12)	6.501	2165422	18.805 ug/ml
5) T A~2-methylnaphthalene...	7.132	2389615	18.766 ug/ml
6) T n-Tetradecane (C14)	8.294	2178711	18.802 ug/ml
7) T n-Hexadecane (C16)	9.892	2180799	18.756 ug/ml
8) T n-Octadecane (C18)	11.332	2233582	18.797 ug/ml
10) T n-Eicosane (C20)	12.638	2214333	18.872 ug/ml
11) T n-Heneicosane (C21)	13.249	2231785	18.973 ug/ml
13) T n-Docosane (C22)	13.833	2214946	19.095 ug/ml
14) T n-Tetracosane (C24)	14.933	2227173	19.086 ug/ml
15) T n-Hexacosane (C26)	15.951	2143294	19.342 ug/ml
16) T n-Octacosane (C28)	16.897	2072582	19.320 ug/ml
17) T n-Tricontane (C30)	17.781	1989977	18.668 ug/ml
18) T n-Dotriacontane (C32)	18.611	1840159	17.668 ug/ml
19) T n-Tetratriacontane (C34)	19.391	1725517	17.171 ug/ml
20) T n-Hexatriacontane (C36)	20.128	1621760	16.854 ug/mlm
21) T n-Octatriacontane (C38)	20.866	1506849	16.056 ug/ml
22) T n-Tetracontane (C40)	21.784	1538626	15.959 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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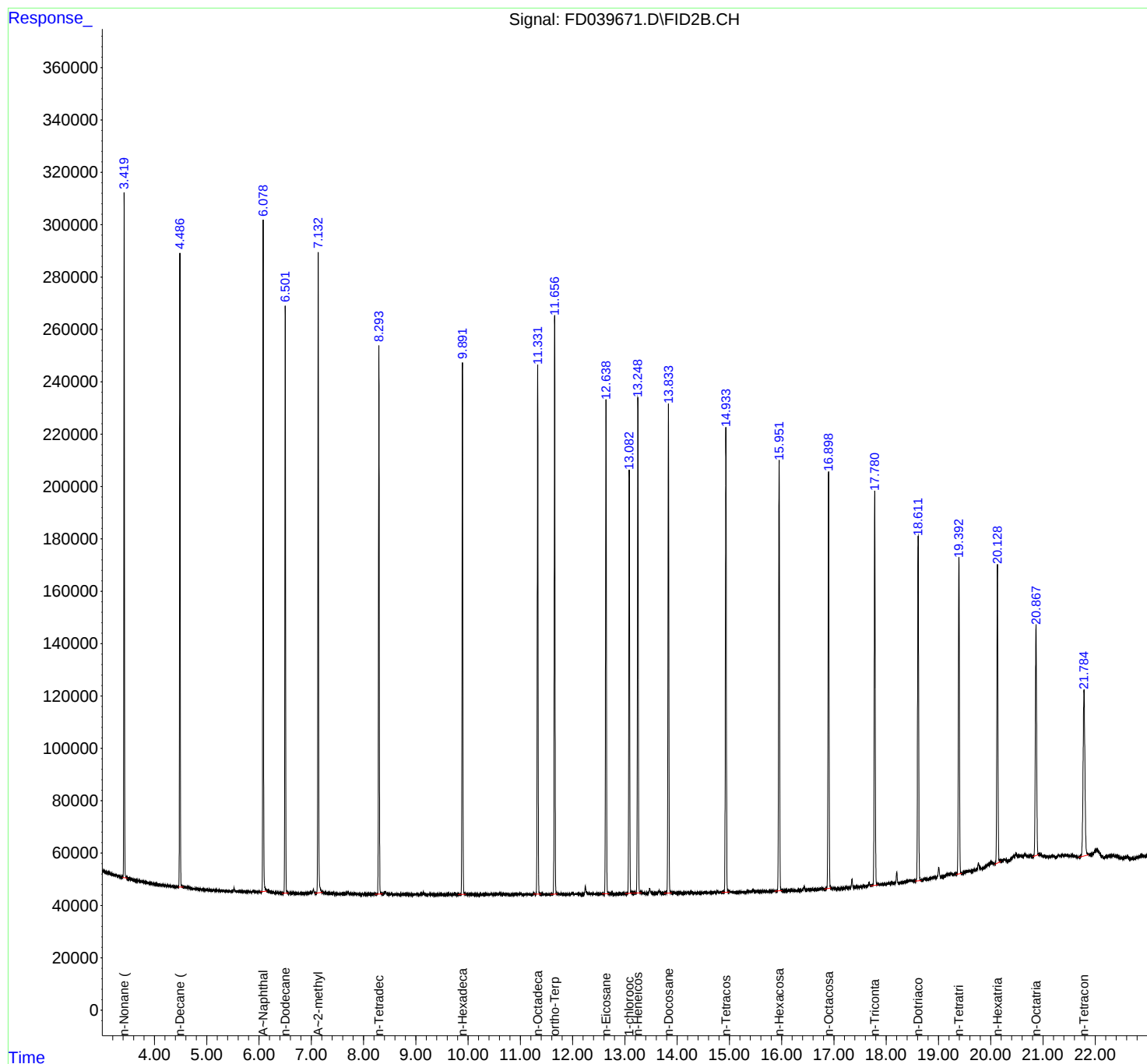
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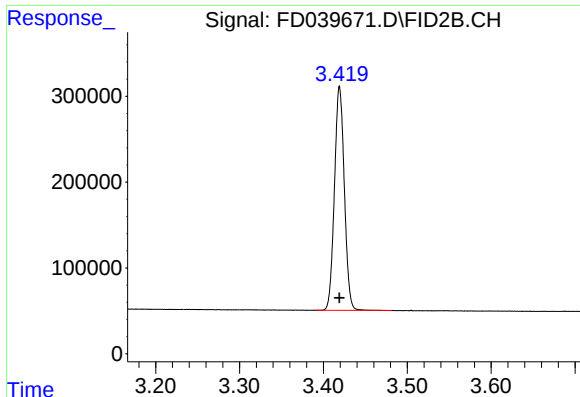
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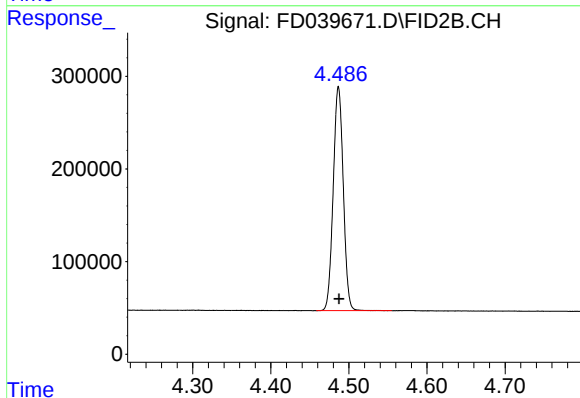
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 2141947
Conc: 18.75 ug/ml

Instrument :
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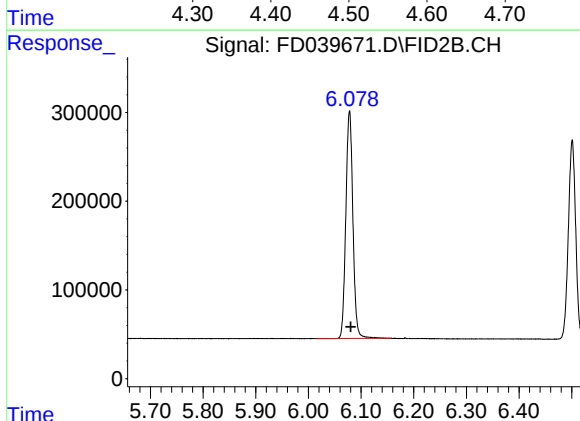
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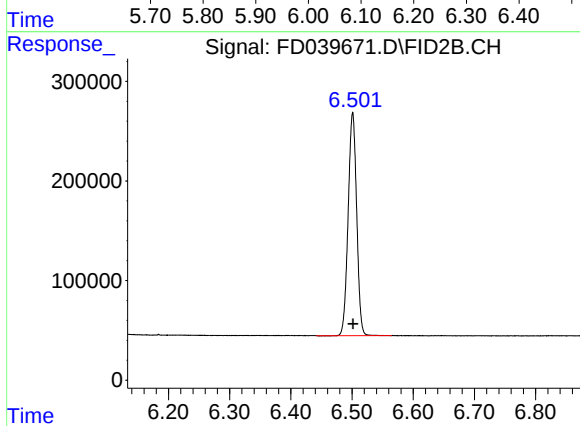
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 2163624
Conc: 18.81 ug/ml



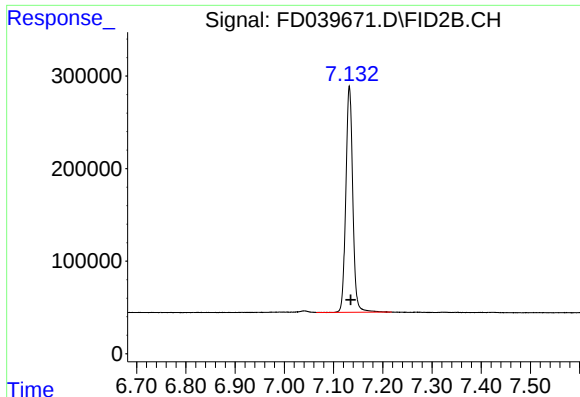
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 2392214
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 2165422
Conc: 18.80 ug/ml



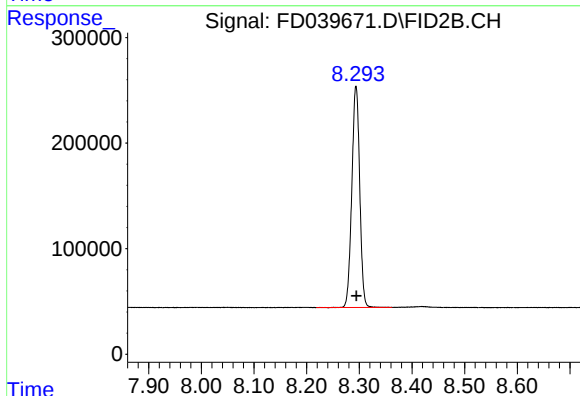
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: -0.003 min
Response: 2389615
Conc: 18.77 ug/ml

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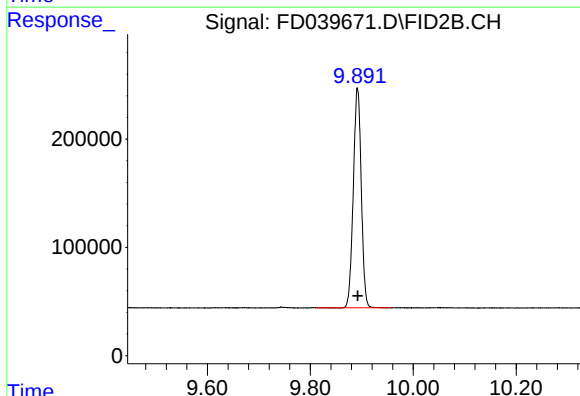
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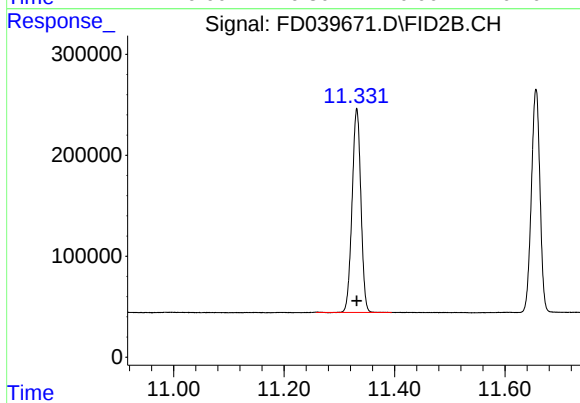
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 2178711
Conc: 18.80 ug/ml



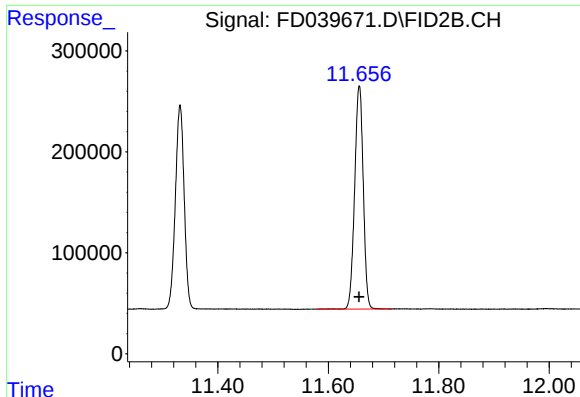
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 2180799
Conc: 18.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 2233582
Conc: 18.80 ug/ml



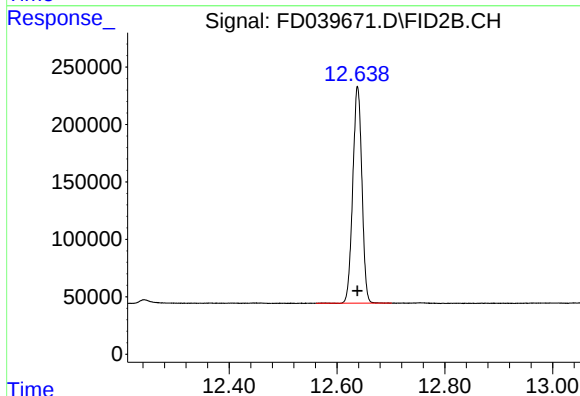
#9 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: 0.000 min
Response: 2386516
Conc: 18.73 ug/ml

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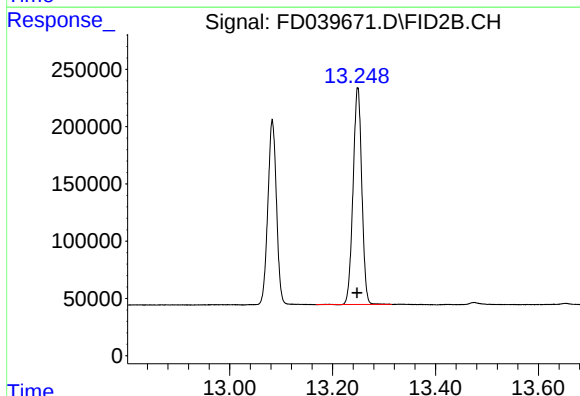
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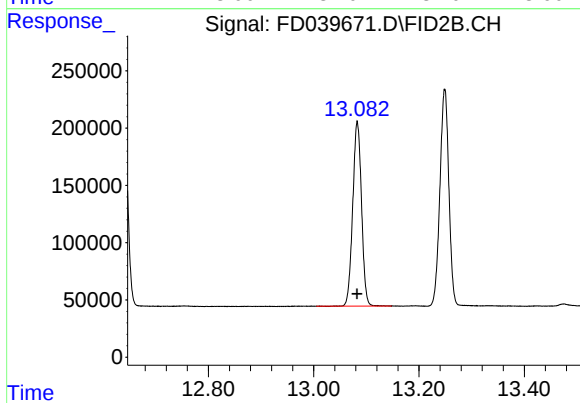
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: 0.000 min
Response: 2214333
Conc: 18.87 ug/ml



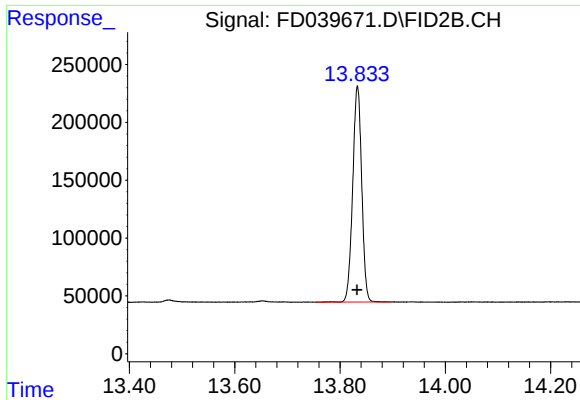
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: 0.000 min
Response: 2231785
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min
Delta R.T.: 0.000 min
Response: 1865594
Conc: 18.97 ug/ml



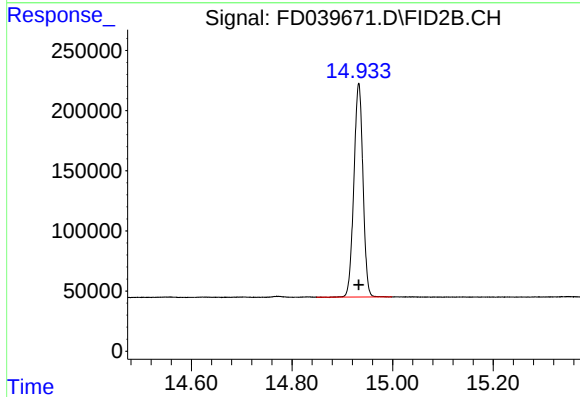
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: 0.000 min
Response: 2214946
Conc: 19.10 ug/ml

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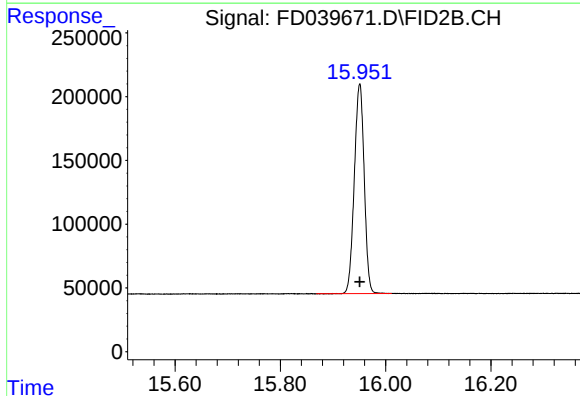
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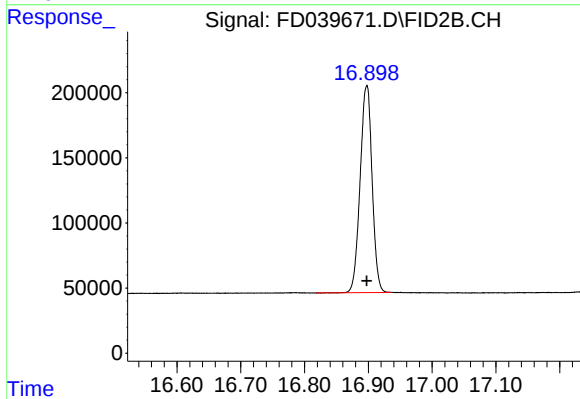
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: 0.000 min
Response: 2227173
Conc: 19.09 ug/ml



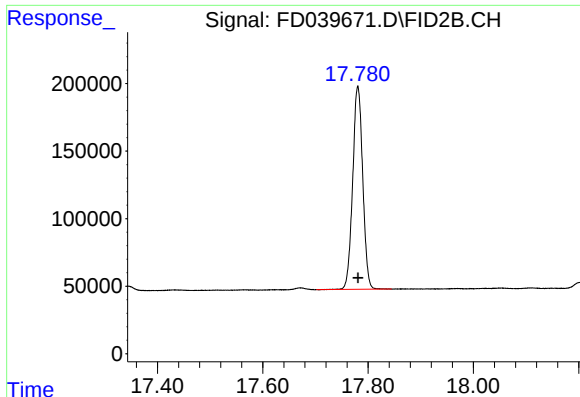
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: 0.000 min
Response: 2143294
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: 0.000 min
Response: 2072582
Conc: 19.32 ug/ml



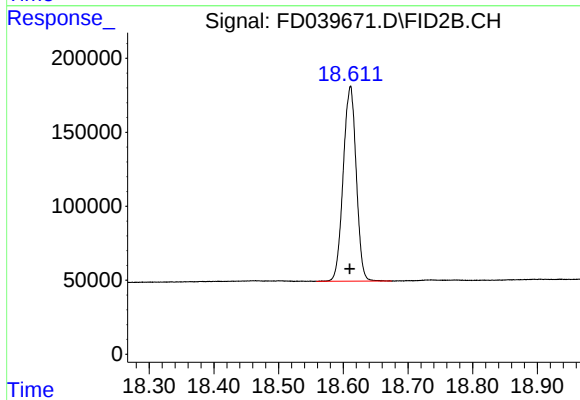
#17 n-Tricontane (C30)

R.T.: 17.781 min
Delta R.T.: 0.000 min
Response: 1989977
Conc: 18.67 ug/ml

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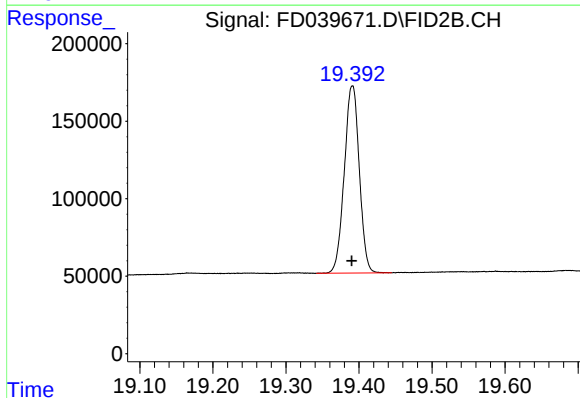
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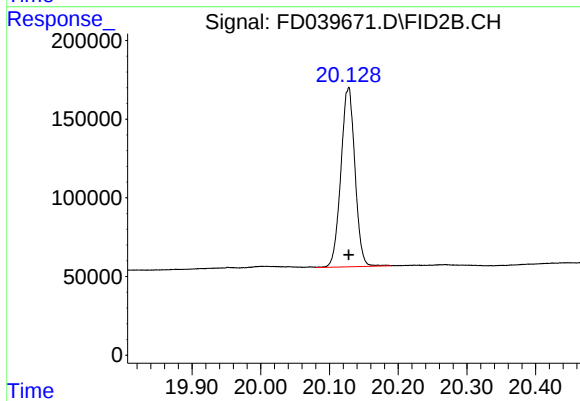
#18 n-Dotriacontane (C32)

R.T.: 18.611 min
Delta R.T.: 0.000 min
Response: 1840159
Conc: 17.67 ug/ml



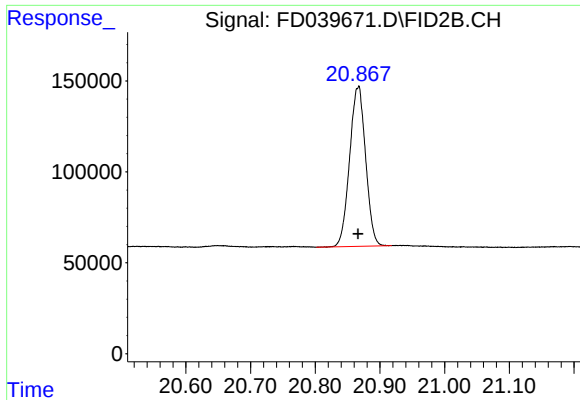
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: 0.000 min
Response: 1725517
Conc: 17.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: 0.000 min
Response: 1621760
Conc: 16.85 ug/ml m



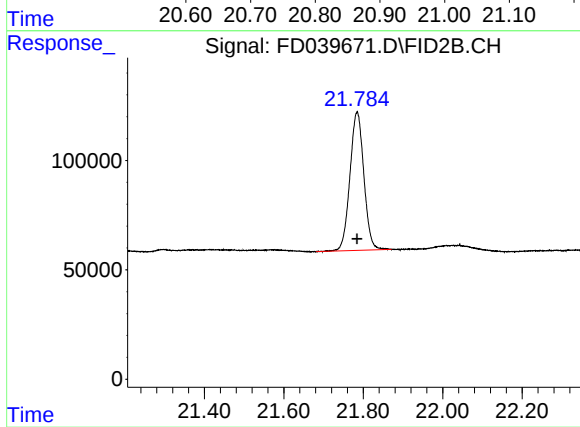
#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: 0.000 min
Response: 1506849
Conc: 16.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.784 min
Delta R.T.: 0.000 min
Response: 1538626
Conc: 15.96 ug/ml