

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101121AL\
 Data File : FD039092.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2021 8:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 12 09:18:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.677	2494321	17.574 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
12) S 1-chlorooctadecane (S...	13.103	1935303	17.211 ug/ml
Spiked Amount 50.000		Recovery =	34.42%
Target Compounds			
1) T n-Nonane (C9)	3.438	2434609	19.301 ug/ml
2) T n-Decane (C10)	4.507	2461628	19.287 ug/ml
3) T A~Naphthalene (C11.7)	6.099	2720783	19.107 ug/ml
4) T n-Dodecane (C12)	6.523	2452114	19.147 ug/ml
5) T A~2-methylnaphthalene...	7.154	2711078	18.938 ug/ml
6) T n-Tetradecane (C14)	8.316	2452155	18.897 ug/ml
7) T n-Hexadecane (C16)	9.914	2420777	18.561 ug/ml
8) T n-Octadecane (C18)	11.352	2415429	18.060 ug/ml
10) T n-Eicosane (C20)	12.658	2327489	17.550 ug/ml
11) T n-Heneicosane (C21)	13.268	2308688	17.241 ug/ml
13) T n-Docosane (C22)	13.852	2250150	16.963 ug/ml
14) T n-Tetracosane (C24)	14.951	2169820	16.376 ug/ml
15) T n-Hexacosane (C26)	15.967	2051269	15.936 ug/ml
16) T n-Octacosane (C28)	16.913	1983283	15.729 ug/ml
17) T n-Tricontane (C30)	17.797	1937549	15.885 ug/ml
18) T n-Dotriacontane (C32)	18.626	1896437	16.357 ug/ml
19) T n-Tetratriacontane (C34)	19.406	1904645	17.644 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1870555	19.116 ug/ml
21) T n-Octatriacontane (C38)	20.883	1862757	20.749 ug/ml
22) T n-Tetracontane (C40)	21.809	1917503	21.767 ug/ml

(f)=RT Delta > 1/2 Window

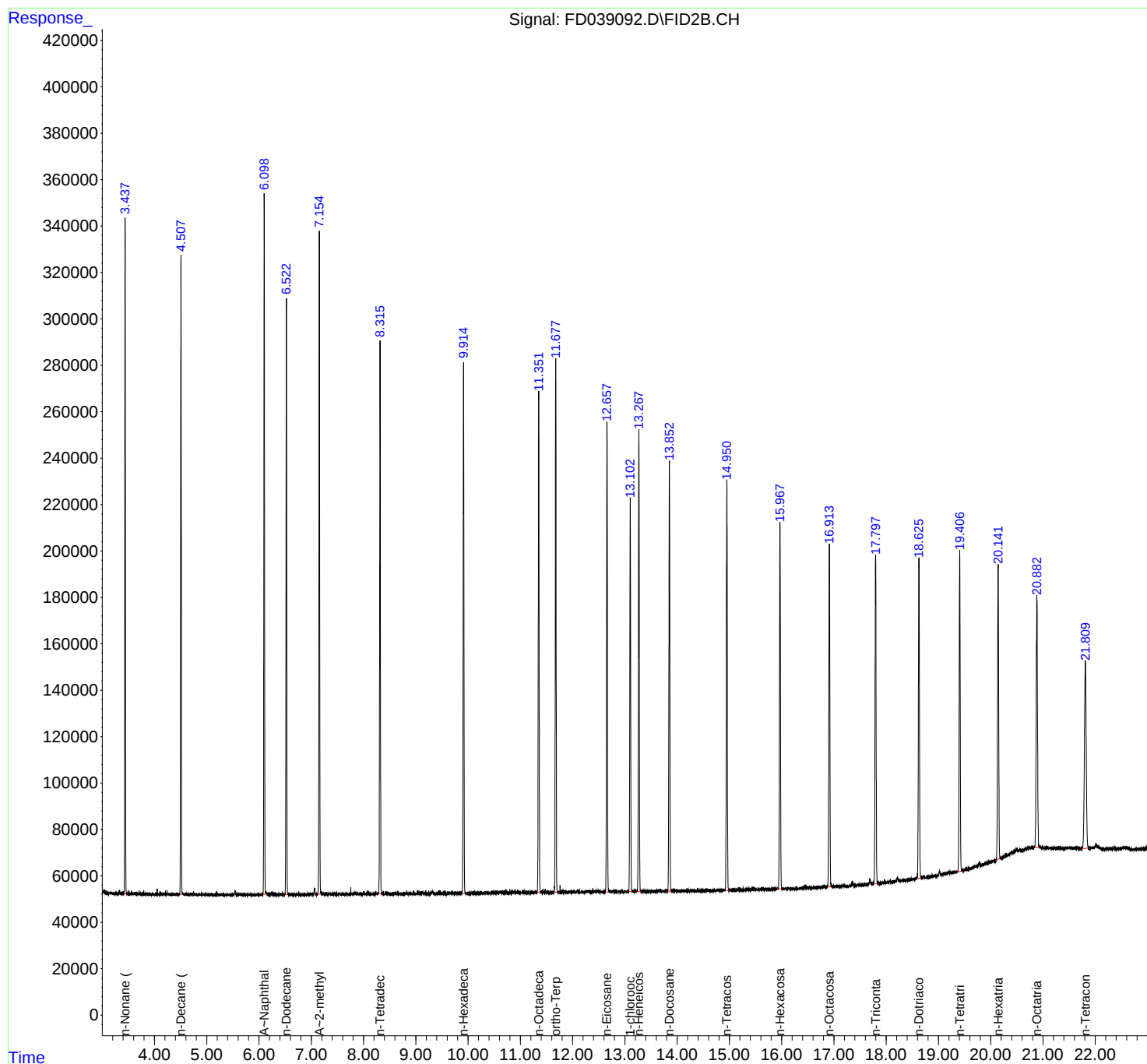
(m)=manual int.

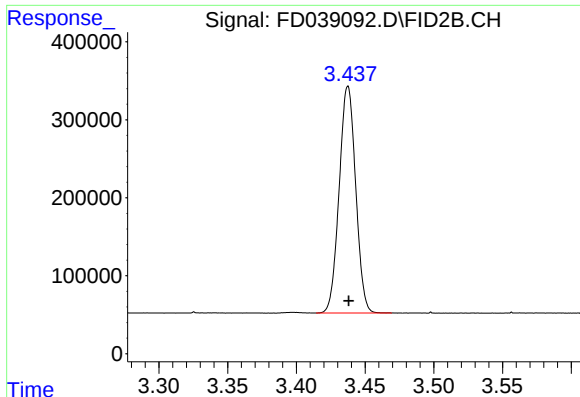
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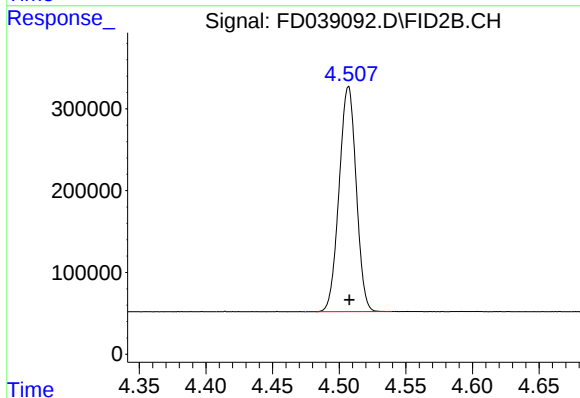




#1 n-Nonane (C9)

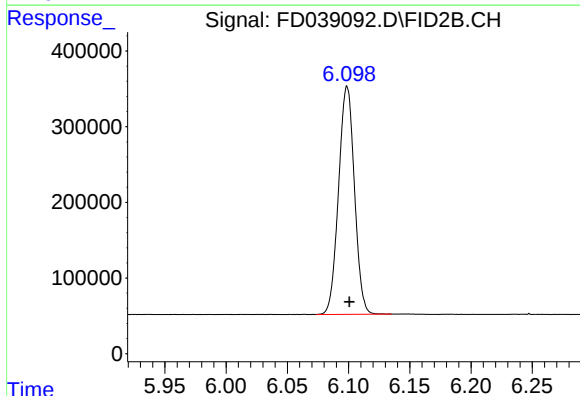
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 2434609
Conc: 19.30 ug/ml

Instrument :
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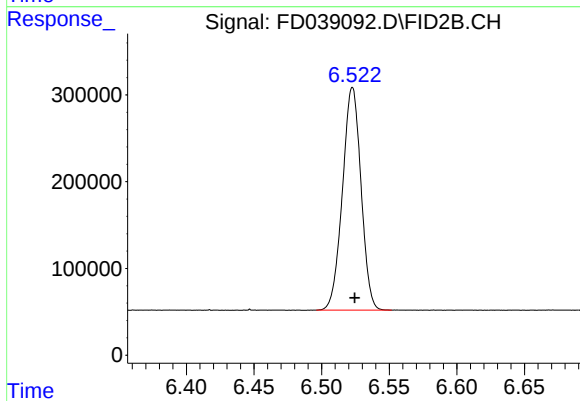
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 2461628
Conc: 19.29 ug/ml



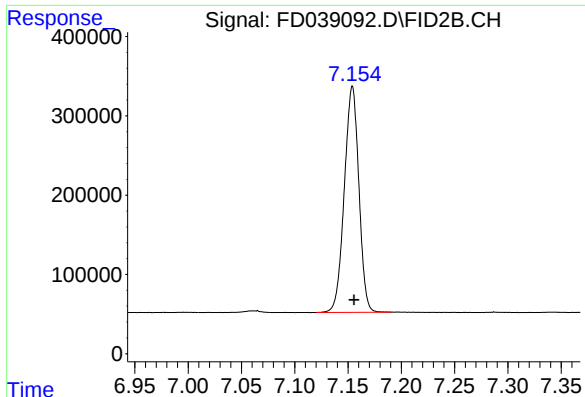
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 2720783
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

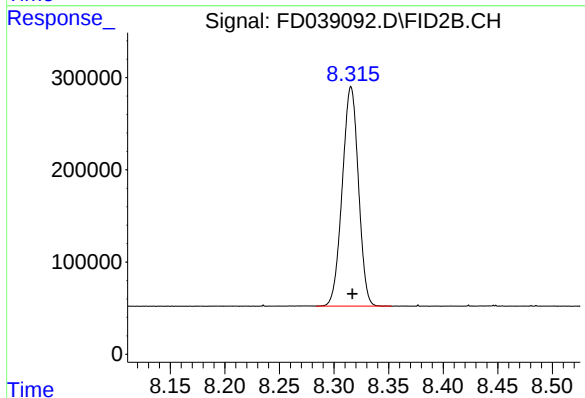
R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 2452114
Conc: 19.15 ug/ml



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

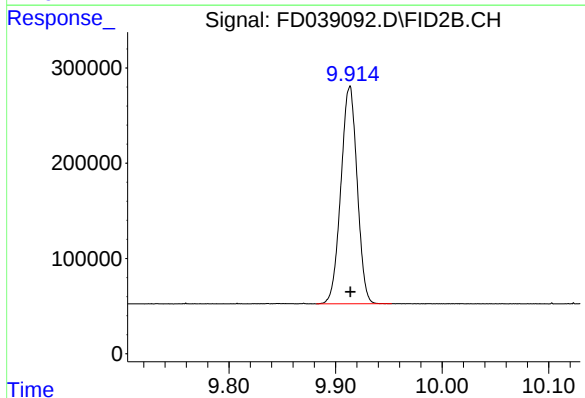
R.T.: 7.154 min
Delta R.T.: -0.001 min
Response: 2711078
Conc: 18.94 ug/ml

Instrument :
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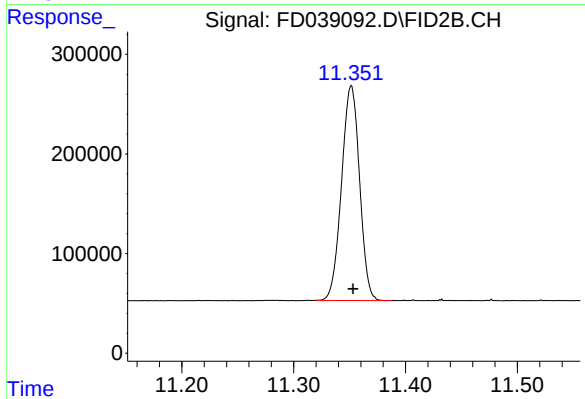
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: -0.001 min
Response: 2452155
Conc: 18.90 ug/ml



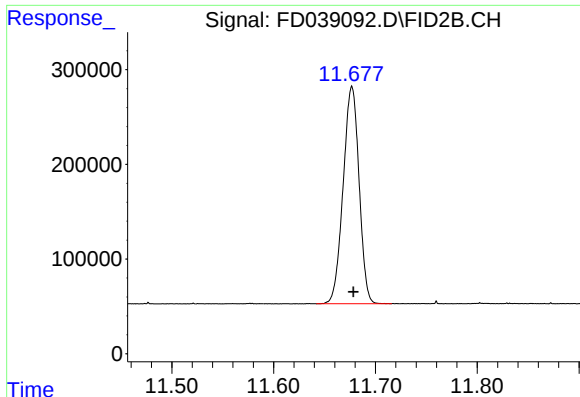
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2420777
Conc: 18.56 ug/ml



#8 n-Octadecane (C18)

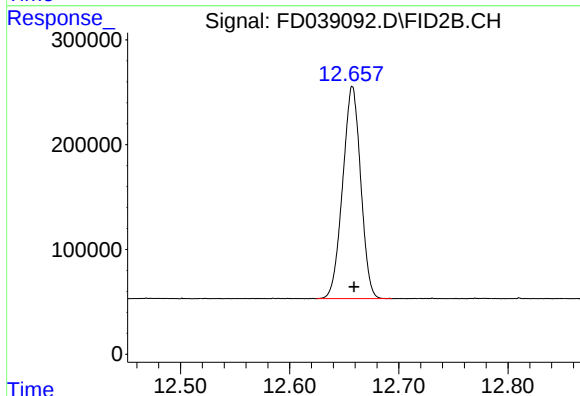
R.T.: 11.352 min
Delta R.T.: -0.001 min
Response: 2415429
Conc: 18.06 ug/ml



#9 ortho-Terphenyl (SURR)

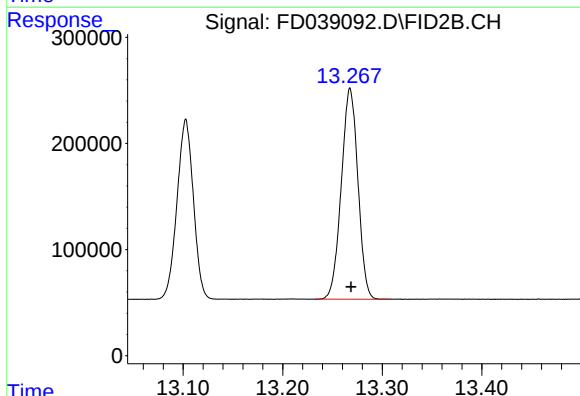
R.T.: 11.677 min
Delta R.T.: -0.001 min
Response: 2494321
Conc: 17.57 ug/ml

Instrument :
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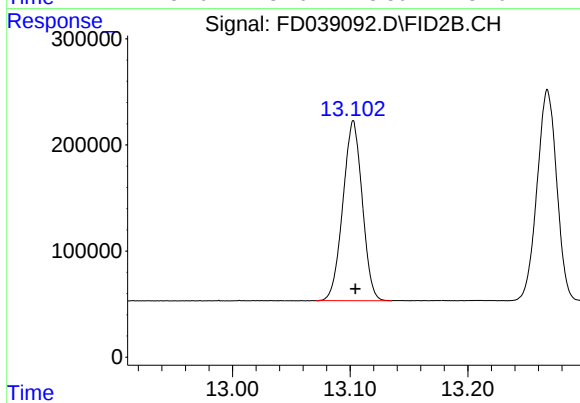
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.002 min
Response: 2327489
Conc: 17.55 ug/ml



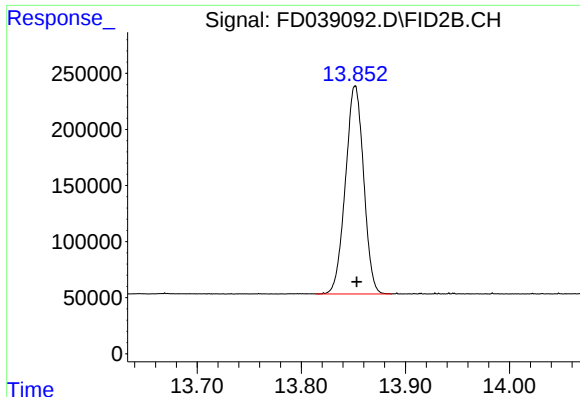
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.000 min
Response: 2308688
Conc: 17.24 ug/ml



#12 1-chlorooctadecane (SURR)

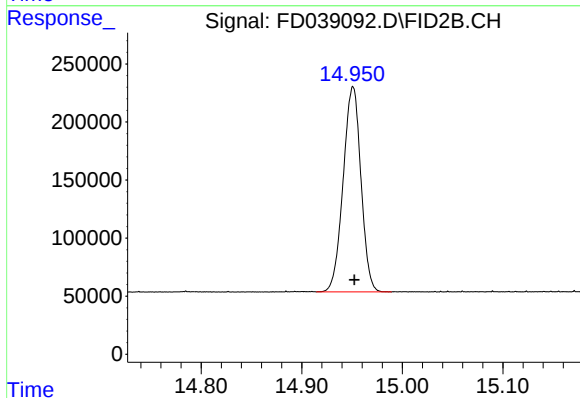
R.T.: 13.103 min
Delta R.T.: -0.002 min
Response: 1935303
Conc: 17.21 ug/ml



#13 n-Docosane (C22)

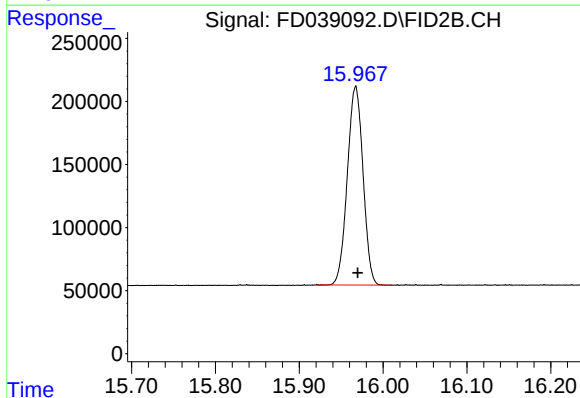
R.T.: 13.852 min
Delta R.T.: -0.002 min
Response: 2250150
Conc: 16.96 ug/ml

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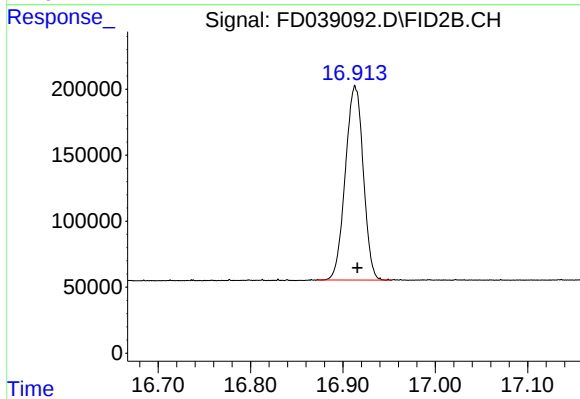
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.001 min
Response: 2169820
Conc: 16.38 ug/ml



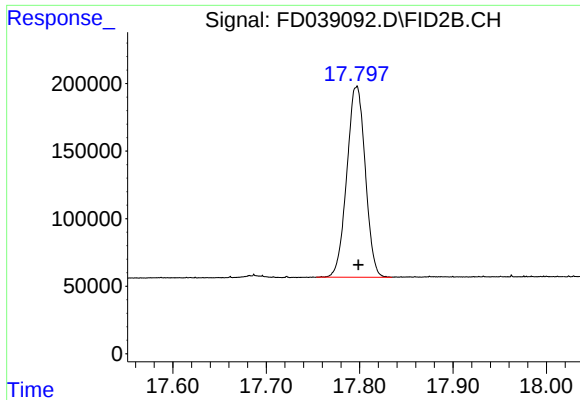
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.003 min
Response: 2051269
Conc: 15.94 ug/ml



#16 n-Octacosane (C28)

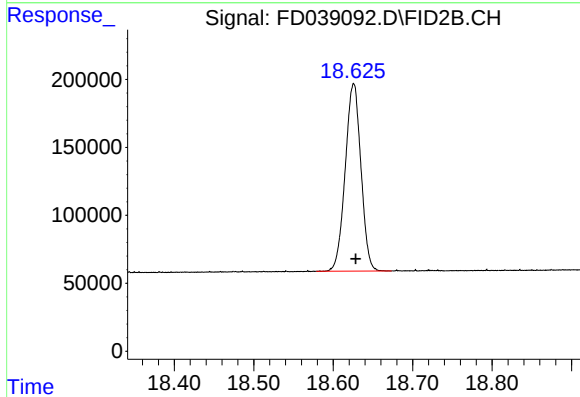
R.T.: 16.913 min
Delta R.T.: -0.003 min
Response: 1983283
Conc: 15.73 ug/ml



#17 n-Tricontane (C30)

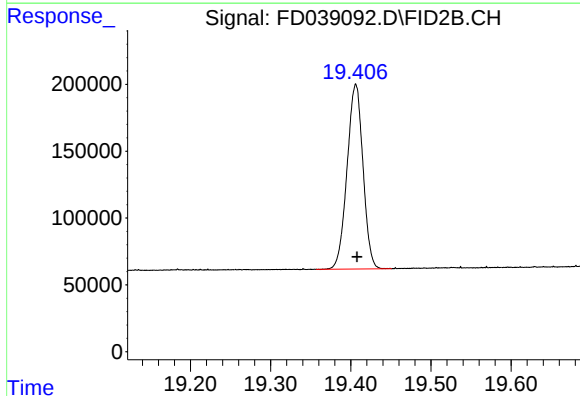
R.T.: 17.797 min
Delta R.T.: -0.002 min
Response: 1937549
Conc: 15.89 ug/ml

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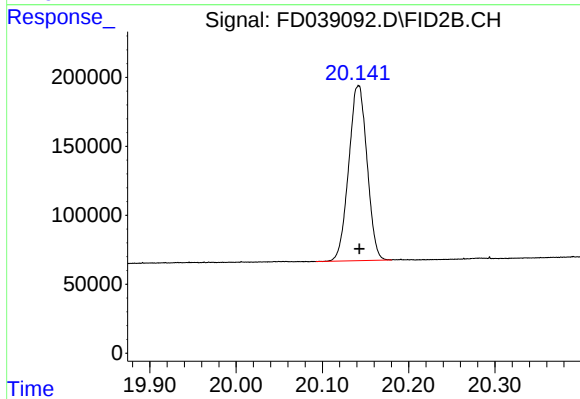
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: -0.003 min
Response: 1896437
Conc: 16.36 ug/ml



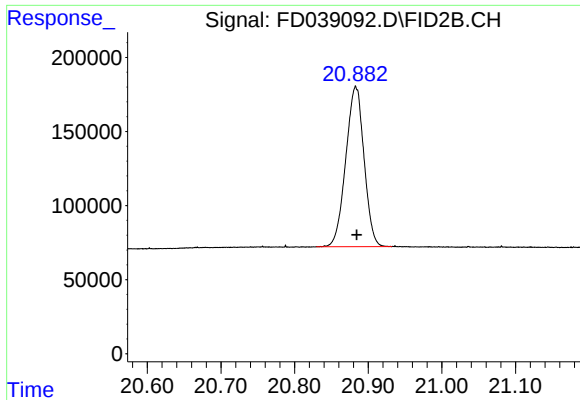
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: -0.001 min
Response: 1904645
Conc: 17.64 ug/ml



#20 n-Hexatriacontane (C36)

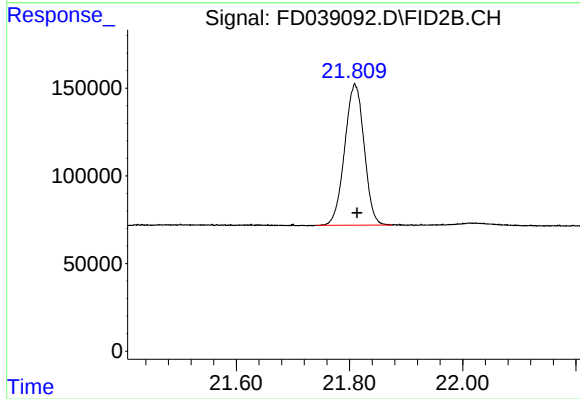
R.T.: 20.142 min
Delta R.T.: -0.001 min
Response: 1870555
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: -0.001 min
Response: 1862757
Conc: 20.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.809 min
Delta R.T.: -0.004 min
Response: 1917503
Conc: 21.77 ug/ml