

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111821AL\
 Data File : FD039519.D
 Signal(s) : FID2B.CH
 Acq On : 19 Nov 2021 6:51
 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 11/19/2021
 Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
 Quant Time: Nov 19 07:13:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.663	2822225	22.120 ug/ml
Spiked Amount 50.000		Recovery =	44.24%
12) S 1-chlorooctadecane (S...	13.090	2168721	20.868 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
Target Compounds			
1) T n-Nonane (C9)	3.422	2578640	22.178 ug/ml
2) T n-Decane (C10)	4.492	2642539	22.603 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2926961	22.711 ug/ml
4) T n-Dodecane (C12)	6.508	2657644	22.461 ug/ml
5) T A~2-methylnaphthalene...	7.140	2934362	22.343 ug/ml
6) T n-Tetradecane (C14)	8.301	2672463	22.673 ug/ml
7) T n-Hexadecane (C16)	9.898	2661568	22.211 ug/ml
8) T n-Octadecane (C18)	11.338	2690495	21.983 ug/ml
10) T n-Eicosane (C20)	12.644	2621053	21.252 ug/ml
11) T n-Heneicosane (C21)	13.255	2606365	20.813 ug/ml
13) T n-Docosane (C22)	13.840	2571895	20.707 ug/ml
14) T n-Tetracosane (C24)	14.939	2556835	20.597 ug/ml
15) T n-Hexacosane (C26)	15.957	2446327	19.914 ug/ml
16) T n-Octacosane (C28)	16.904	2406631	20.672 ug/ml
17) T n-Tricontane (C30)	17.788	2386837	20.263 ug/ml
18) T n-Dotriacontane (C32)	18.616	2333257	20.408 ug/mlm
19) T n-Tetratriacontane (C34)	19.397	2293099	21.634 ug/mlm
20) T n-Hexatriacontane (C36)	20.134	2308348	22.660 ug/ml
21) T n-Octatriacontane (C38)	20.874	2189210	22.813 ug/ml
22) T n-Tetracontane (C40)	21.797	2279538	24.709 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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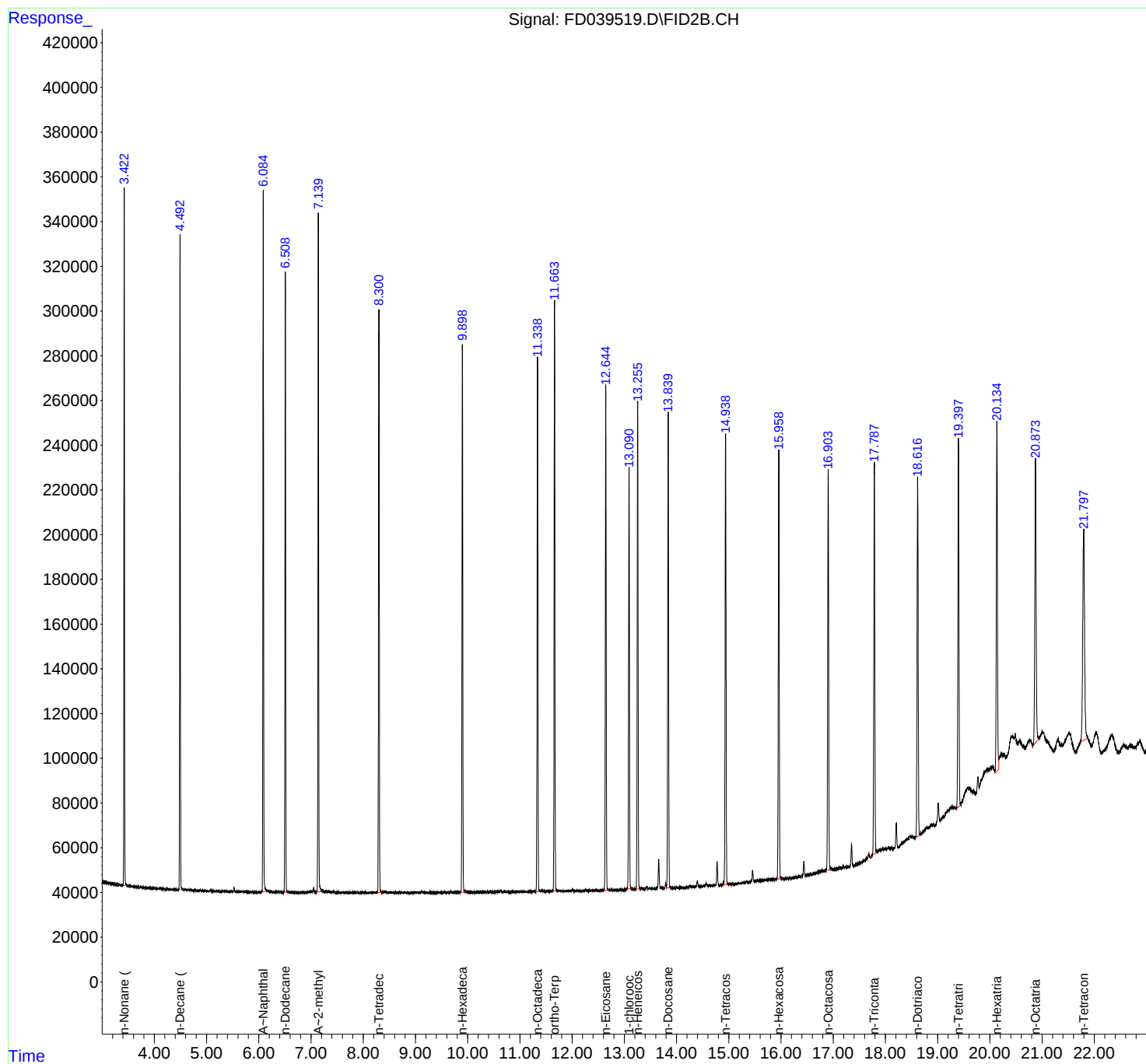
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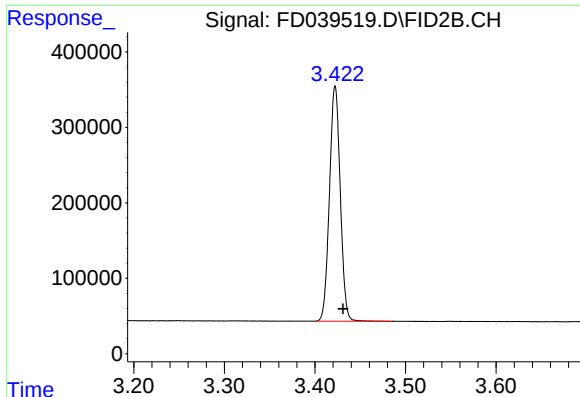
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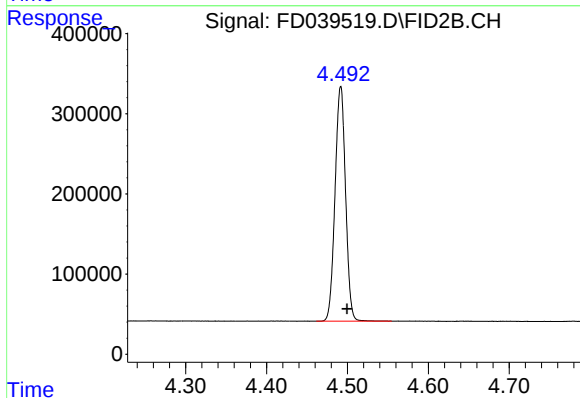
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: -0.009 min
Response: 2578640
Conc: 22.18 ug/ml

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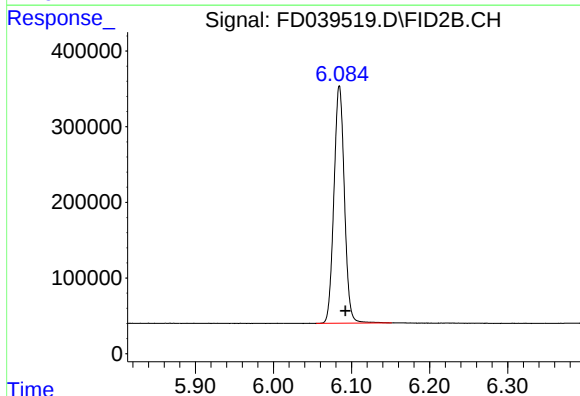
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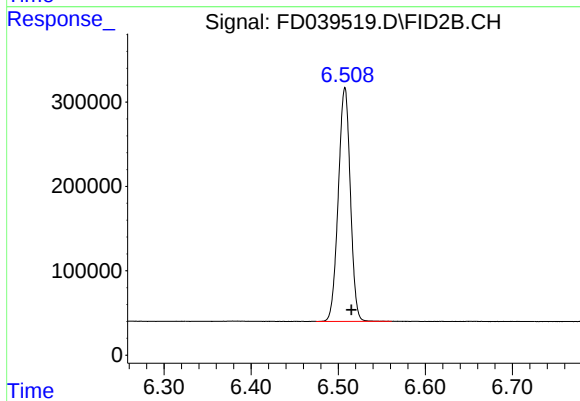
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.008 min
Response: 2642539
Conc: 22.60 ug/ml



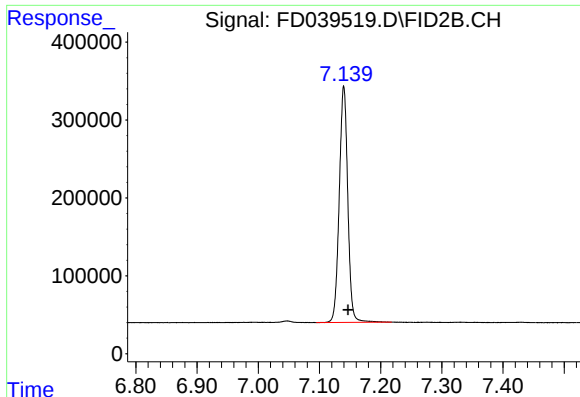
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.008 min
Response: 2926961
Conc: 22.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: -0.007 min
Response: 2657644
Conc: 22.46 ug/ml



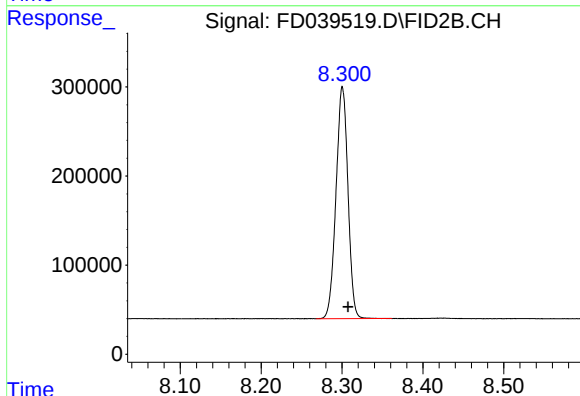
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 2934362
Conc: 22.34 ug/ml

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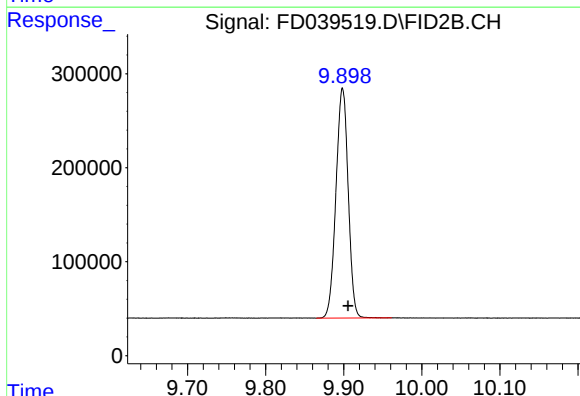
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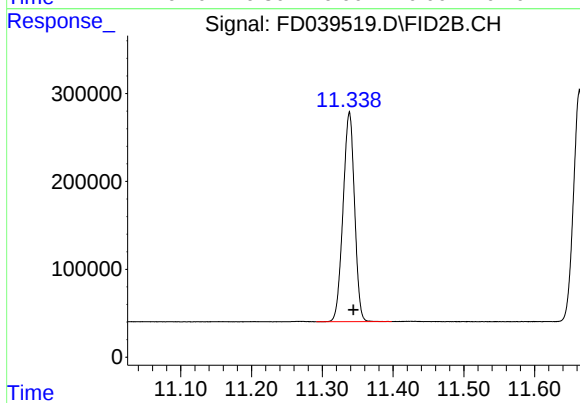
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: -0.007 min
Response: 2672463
Conc: 22.67 ug/ml



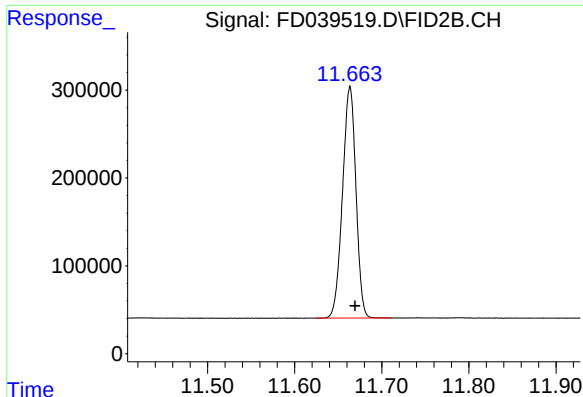
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.007 min
Response: 2661568
Conc: 22.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: -0.006 min
Response: 2690495
Conc: 21.98 ug/ml



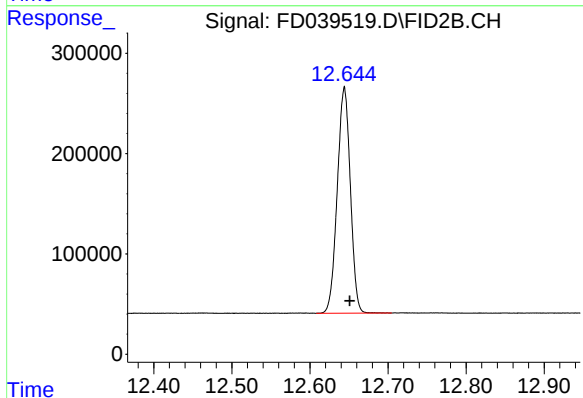
#9 ortho-Terphenyl (SURR)

R.T.: 11.663 min
Delta R.T.: -0.006 min
Response: 2822225
Conc: 22.12 ug/ml

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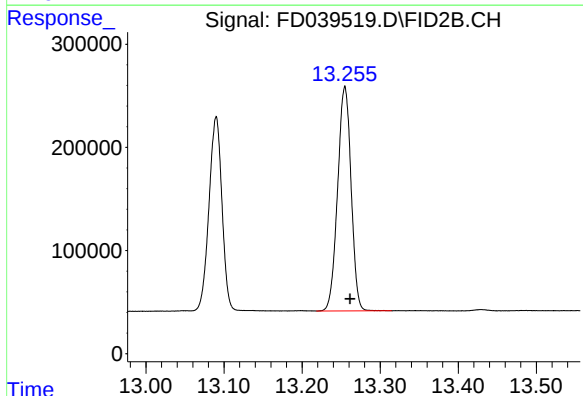
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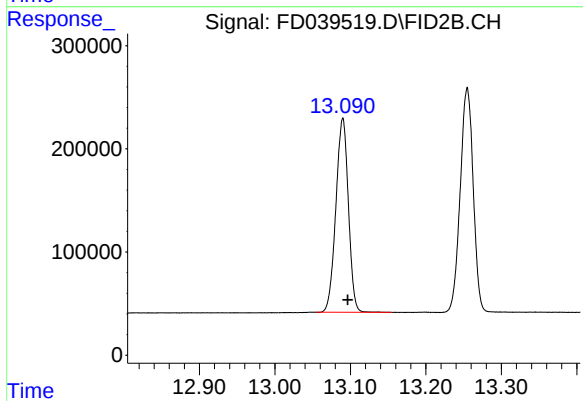
#10 n-Eicosane (C20)

R.T.: 12.644 min
Delta R.T.: -0.007 min
Response: 2621053
Conc: 21.25 ug/ml



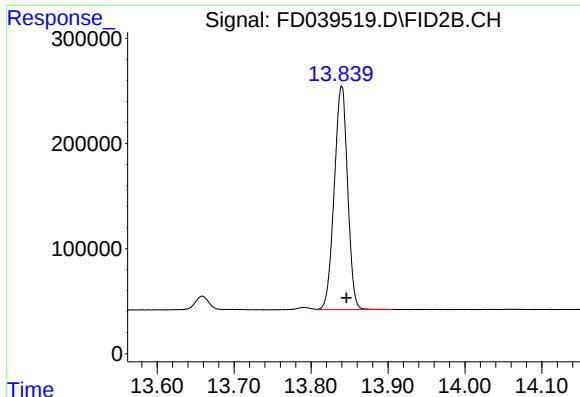
#11 n-Heneicosane (C21)

R.T.: 13.255 min
Delta R.T.: -0.007 min
Response: 2606365
Conc: 20.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.090 min
Delta R.T.: -0.007 min
Response: 2168721
Conc: 20.87 ug/ml



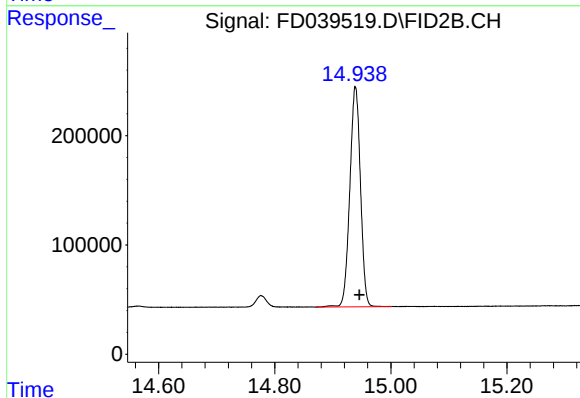
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.006 min
Response: 2571895
Conc: 20.71 ug/ml

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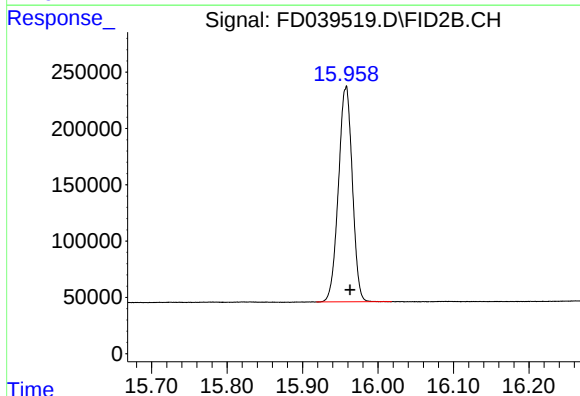
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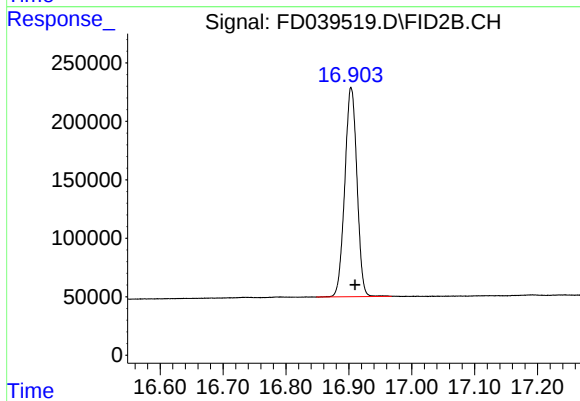
#14 n-Tetracosane (C24)

R.T.: 14.939 min
Delta R.T.: -0.007 min
Response: 2556835
Conc: 20.60 ug/ml



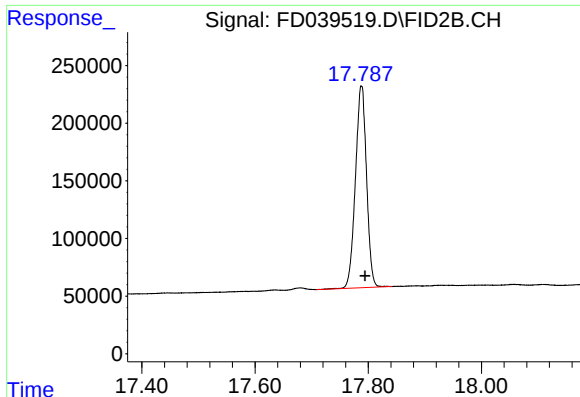
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.006 min
Response: 2446327
Conc: 19.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.904 min
Delta R.T.: -0.006 min
Response: 2406631
Conc: 20.67 ug/ml



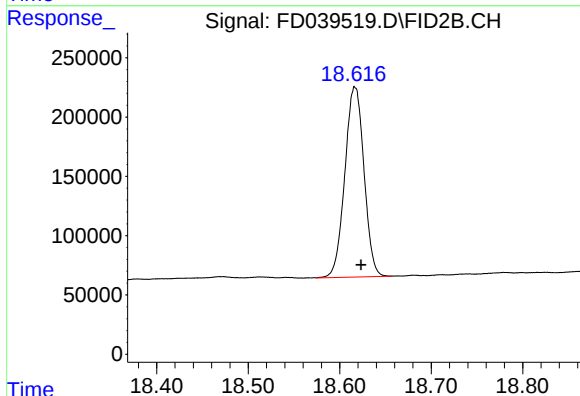
#17 n-Tricontane (C30)

R.T.: 17.788 min
Delta R.T.: -0.006 min
Response: 2386837
Conc: 20.26 ug/ml

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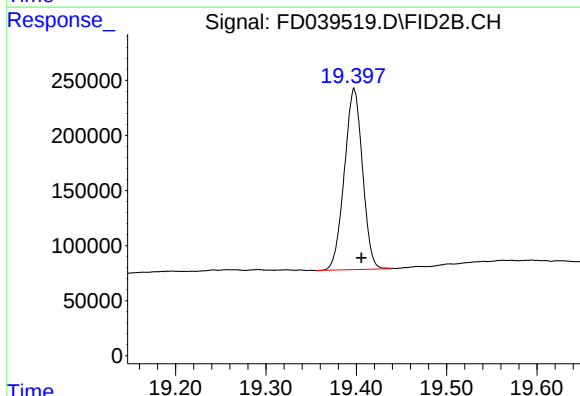
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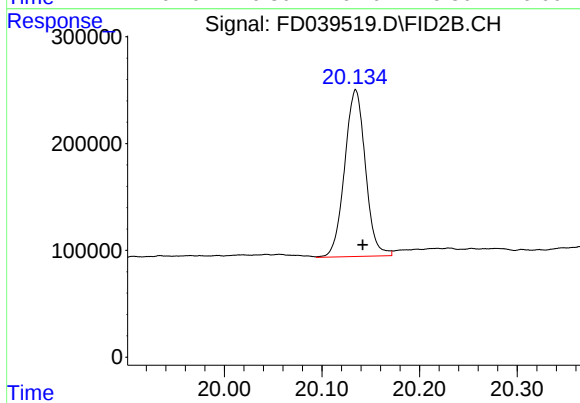
#18 n-Dotriacontane (C32)

R.T.: 18.616 min
Delta R.T.: -0.008 min
Response: 2333257
Conc: 20.41 ug/ml m



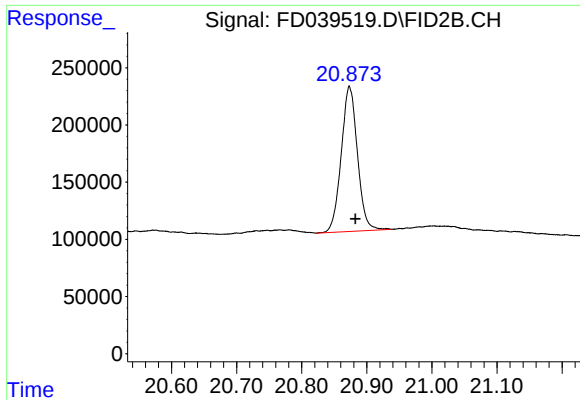
#19 n-Tetratriacontane (C34)

R.T.: 19.397 min
Delta R.T.: -0.008 min
Response: 2293099
Conc: 21.63 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.134 min
Delta R.T.: -0.007 min
Response: 2308348
Conc: 22.66 ug/ml



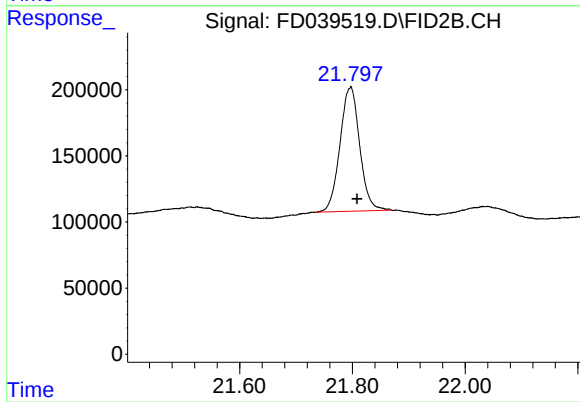
#21 n-Octatriacontane (C38)

R.T.: 20.874 min
Delta R.T.: -0.009 min
Response: 2189210
Conc: 22.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.797 min
Delta R.T.: -0.011 min
Response: 2279538
Conc: 24.71 ug/ml m