

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101719AL\
 Data File : FD031095.D
 Signal(s) : FID2B.CH
 Acq On : 18 Oct 2019 7:45
 Operator : DD\AJ
 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

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 10/18/2019 4:18:37 PM

Integration File: sample.E
 Quant Time: Oct 18 08:02:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 2019
 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)	11.439	2459973	19.614 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
12) S 1-chlorooctadecane (S...	12.867	1840342	19.656 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.267	2254443	21.552 ug/ml
2) T n-Decane (C10)	4.322	2274825	21.701 ug/ml
3) T A-Naphthalene (C11.7)	5.892	2486906	21.703 ug/ml
4) T n-Dodecane (C12)	6.325	2288458	21.396 ug/ml
5) T A~2-methylnaphthalene...	6.941	2504579	21.727 ug/ml
6) T n-Tetradecane (C14)	8.107	2273231	21.137 ug/ml
7) T n-Hexadecane (C16)	9.697	2246650	20.862 ug/ml
8) T n-Octadecane (C18)	11.128	2213842	20.249 ug/ml
10) T n-Eicosane (C20)	12.427	2163373	19.785 ug/ml
11) T n-Heneicosane (C21)	13.034	2159530	19.648 ug/ml
13) T n-Docosane (C22)	13.616	2130856	19.484 ug/ml
14) T n-Tetracosane (C24)	14.710	2097962	19.210 ug/ml
15) T n-Hexacosane (C26)	15.722	2017068	18.638 ug/ml
16) T n-Octacosane (C28)	16.664	1978661	18.431 ug/ml
17) T n-Tricontane (C30)	17.543	1972318	18.516 ug/ml
18) T n-Dotriacontane (C32)	18.369	1933029	18.777 ug/mlm
19) T n-Tetratriacontane (C34)	19.146	1906916	19.404 ug/mlm
20) T n-Hexatriacontane (C36)	19.878	1837089	19.943 ug/ml
21) T n-Octatriacontane (C38)	20.581	1767840	20.428 ug/ml
22) T n-Tetracontane (C40)	21.409	1847064	20.787 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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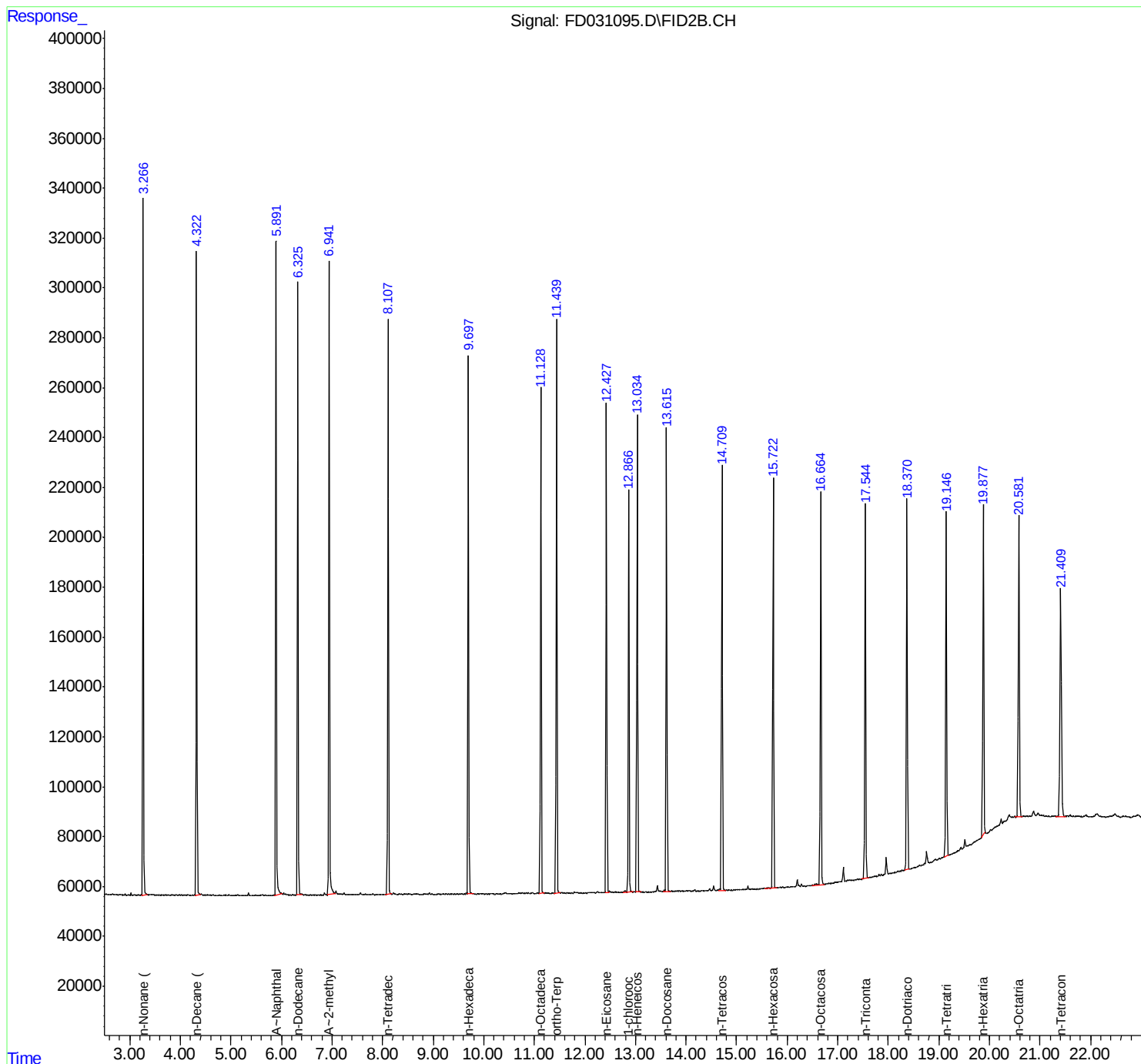
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20 PPM ALIPHATIC HC STD

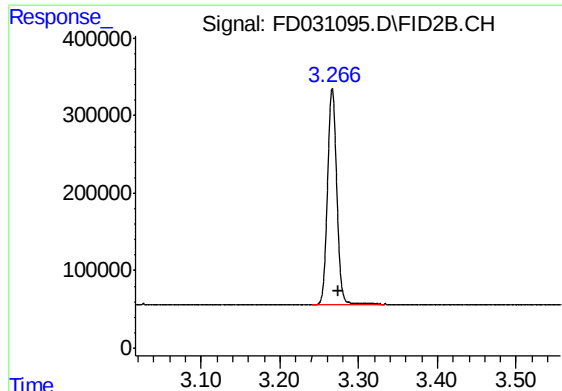
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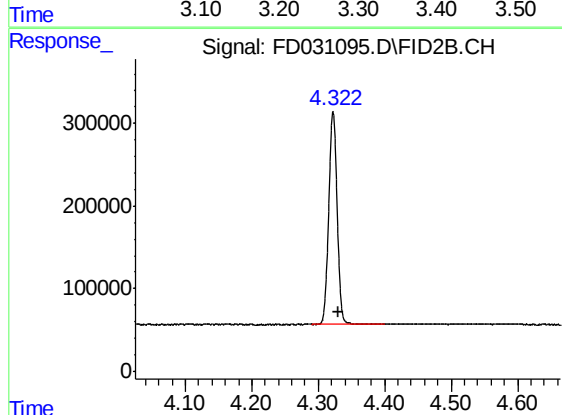
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.007 min
Response: 2254443
Conc: 21.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

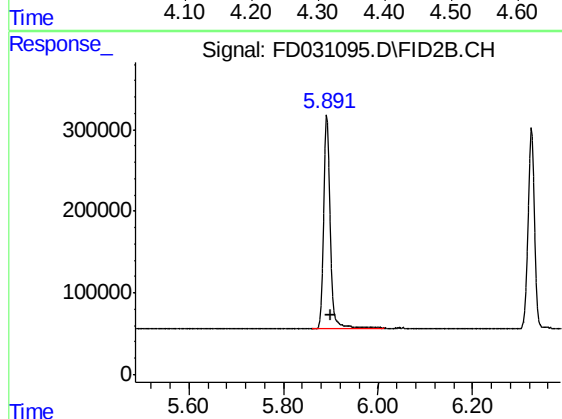
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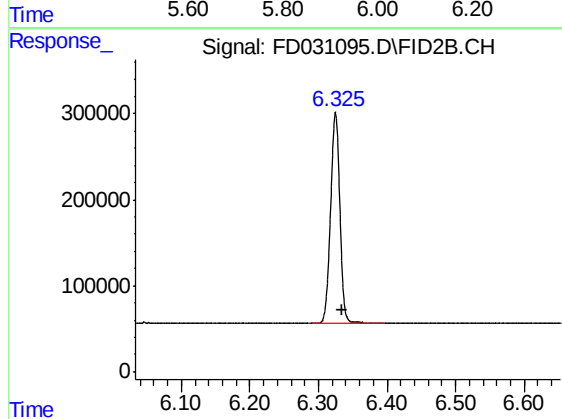
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: -0.008 min
Response: 2274825
Conc: 21.70 ug/ml



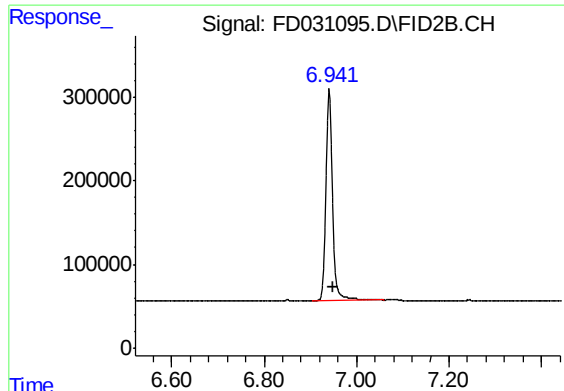
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.009 min
Response: 2486906
Conc: 21.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.325 min
Delta R.T.: -0.009 min
Response: 2288458
Conc: 21.40 ug/ml



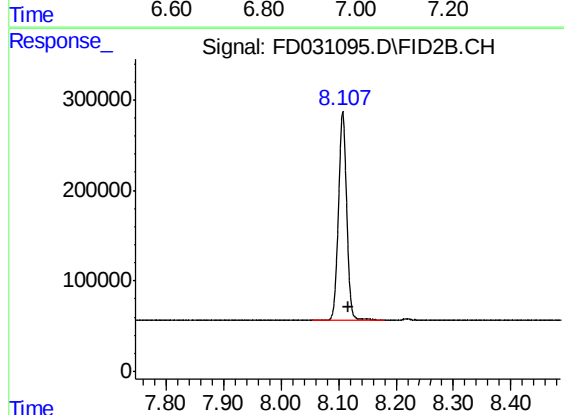
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.941 min
Delta R.T.: -0.009 min
Response: 2504579
Conc: 21.73 ug/ml

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20 PPM ALIPHATIC HC STD

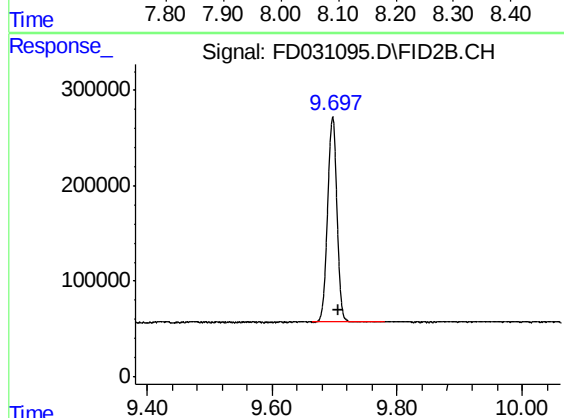
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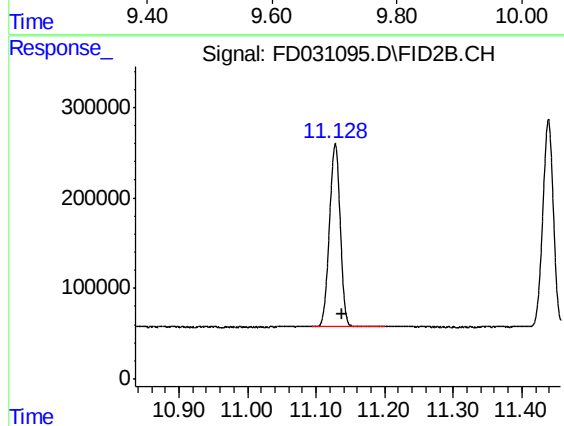
#6 n-Tetradecane (C14)

R.T.: 8.107 min
Delta R.T.: -0.009 min
Response: 2273231
Conc: 21.14 ug/ml



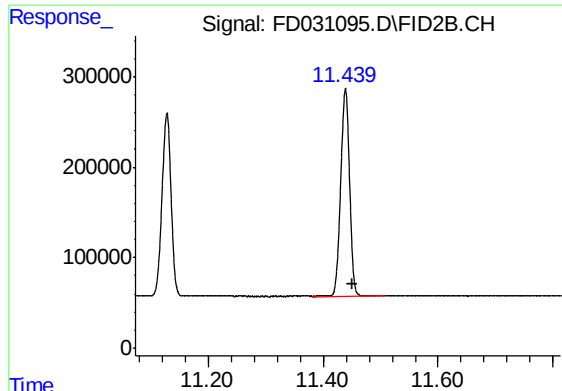
#7 n-Hexadecane (C16)

R.T.: 9.697 min
Delta R.T.: -0.010 min
Response: 2246650
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.128 min
Delta R.T.: -0.011 min
Response: 2213842
Conc: 20.25 ug/ml



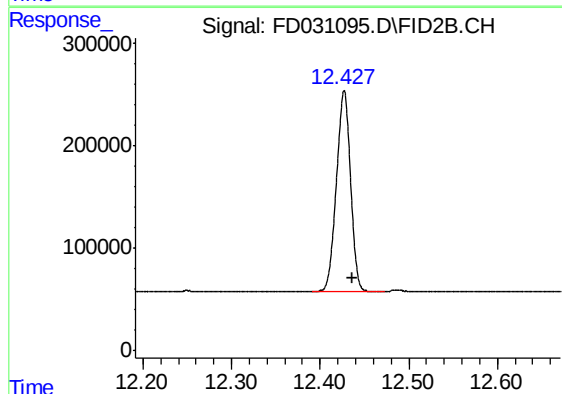
#9 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: -0.012 min
Response: 2459973
Conc: 19.61 ug/ml

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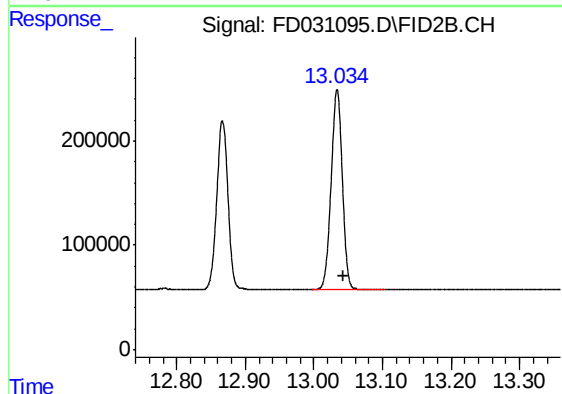
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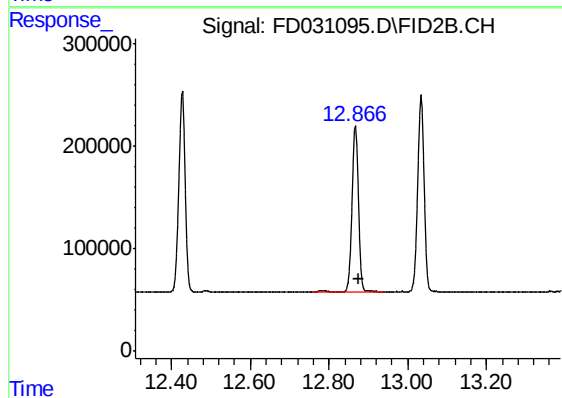
#10 n-Eicosane (C20)

R.T.: 12.427 min
Delta R.T.: -0.010 min
Response: 2163373
Conc: 19.78 ug/ml



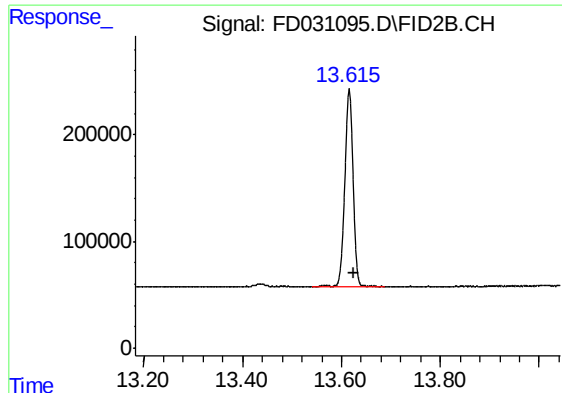
#11 n-Heneicosane (C21)

R.T.: 13.034 min
Delta R.T.: -0.010 min
Response: 2159530
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.867 min
Delta R.T.: -0.009 min
Response: 1840342
Conc: 19.66 ug/ml



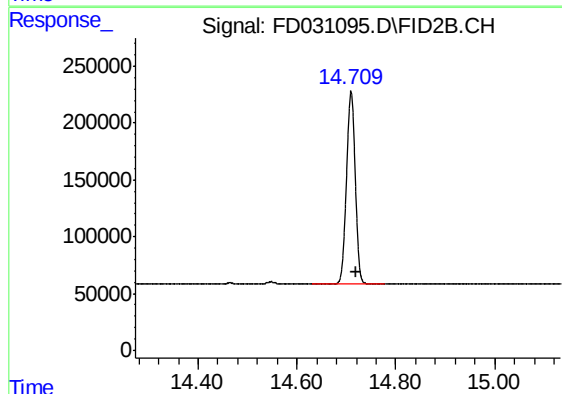
#13 n-Docosane (C22)

R.T.: 13.616 min
Delta R.T.: -0.010 min
Response: 2130856
Conc: 19.48 ug/ml

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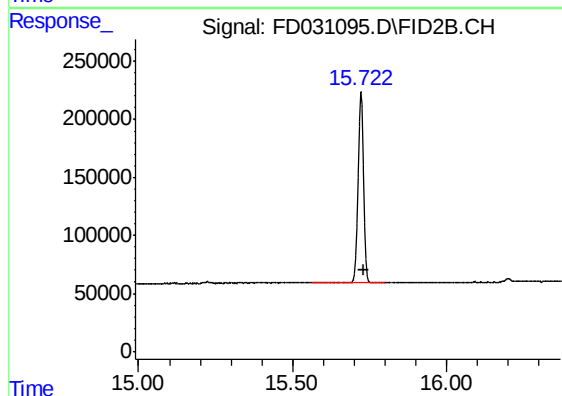
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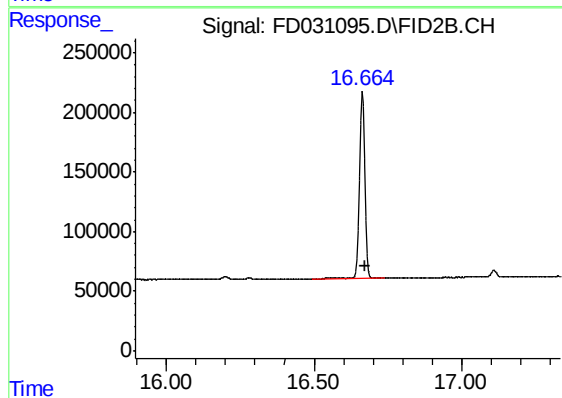
#14 n-Tetracosane (C24)

R.T.: 14.710 min
Delta R.T.: -0.009 min
Response: 2097962
Conc: 19.21 ug/ml



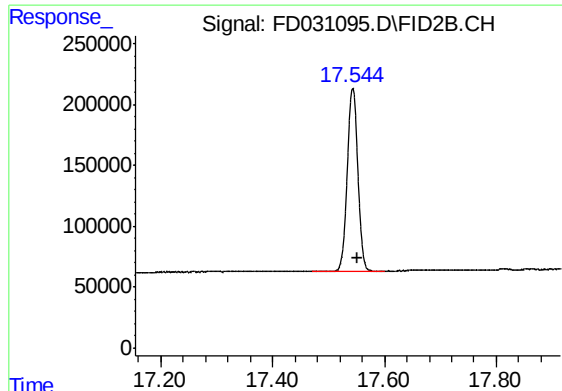
#15 n-Hexacosane (C26)

R.T.: 15.722 min
Delta R.T.: -0.008 min
Response: 2017068
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.664 min
Delta R.T.: -0.008 min
Response: 1978661
Conc: 18.43 ug/ml



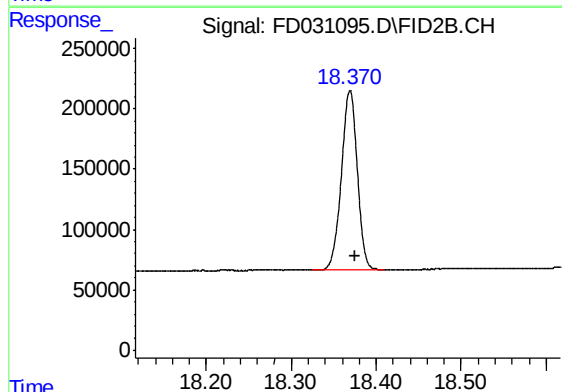
#17 n-Tricontane (C30)

R.T.: 17.543 min
Delta R.T.: -0.008 min
Response: 1972318
Conc: 18.52 ug/ml

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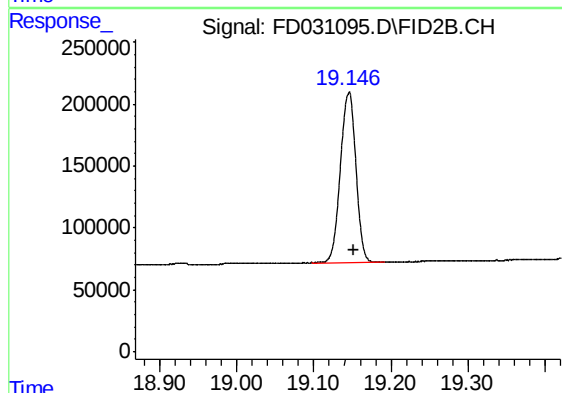
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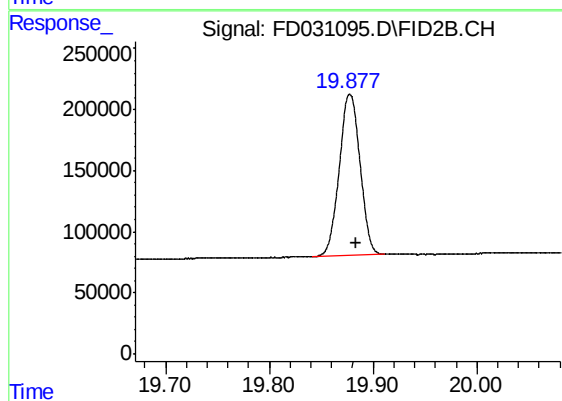
#18 n-Dotriacontane (C32)

R.T.: 18.369 min
Delta R.T.: -0.006 min
Response: 1933029
Conc: 18.78 ug/ml m



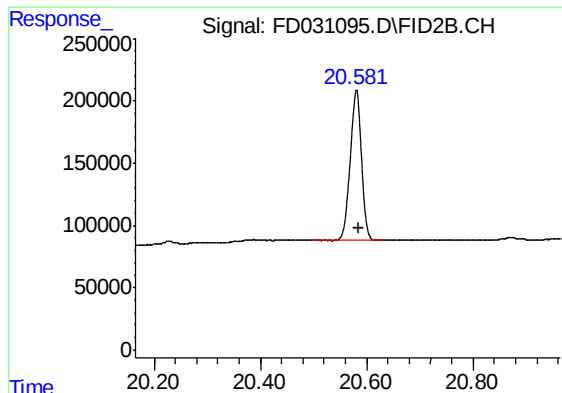
#19 n-Tetatriacontane (C34)

R.T.: 19.146 min
Delta R.T.: -0.006 min
Response: 1906916
Conc: 19.40 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.878 min
Delta R.T.: -0.006 min
Response: 1837089
Conc: 19.94 ug/ml



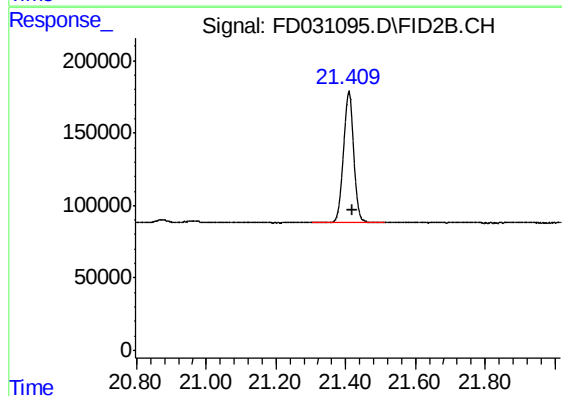
#21 n-Octatriacontane (C38)

R.T.: 20.581 min
Delta R.T.: -0.005 min
Response: 1767840
Conc: 20.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.409 min
Delta R.T.: -0.008 min
Response: 1847064
Conc: 20.79 ug/ml