

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082819AL\
 Data File : FD030370.D
 Signal(s) : FID2B.CH
 Acq On : 29 Aug 2019 4:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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 8/29/2019 1:43:52 PM

Integration File: sample.E
 Quant Time: Aug 29 06:25:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.534	2636786	19.183 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	12.960	2123898	18.622 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
Target Compounds			
1) T n-Nonane (C9)	3.337	2609491	21.805 ug/ml
2) T n-Decane (C10)	4.398	2670794	21.961 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2981875	21.659 ug/ml
4) T n-Dodecane (C12)	6.406	2677599	21.958 ug/ml
5) T A~2-methylnaphthalene...	7.027	2981678	21.559 ug/ml
6) T n-Tetradecane (C14)	8.192	2675286	21.689 ug/ml
7) T n-Hexadecane (C16)	9.785	2646900	21.198 ug/ml
8) T n-Octadecane (C18)	11.218	2585818	20.226 ug/ml
10) T n-Eicosane (C20)	12.518	2502342	19.274 ug/ml
11) T n-Heneicosane (C21)	13.127	2434974	18.749 ug/ml
13) T n-Docosane (C22)	13.708	2391218	18.313 ug/ml
14) T n-Tetracosane (C24)	14.804	2306393	17.573 ug/ml
15) T n-Hexacosane (C26)	15.816	2201650	17.070 ug/mlm
16) T n-Octacosane (C28)	16.758	2180423	17.185 ug/ml
17) T n-Tricontane (C30)	17.639	2133633	17.607 ug/ml
18) T n-Dotriacontane (C32)	18.466	2021546	18.029 ug/mlm
19) T n-Tetratriacontane (C34)	19.242	1762007	19.873 ug/mlm
20) T n-Hexatriacontane (C36)	19.976	1558676	20.972 ug/mlm
21) T n-Octatriacontane (C38)	20.688	1516507	22.783 ug/mlm
22) T n-Tetracontane (C40)	21.551	1482921	20.994 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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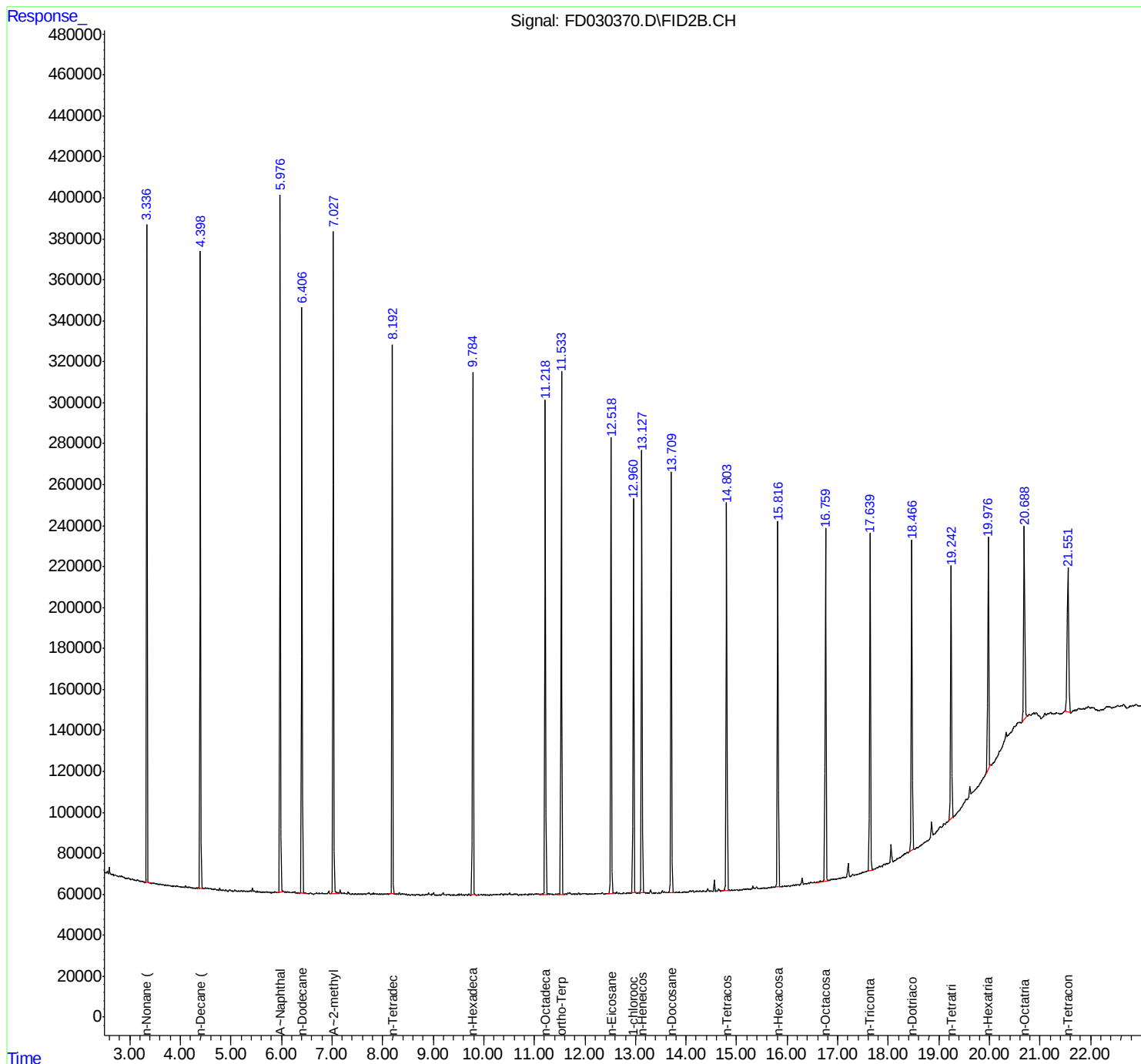
Instrument :
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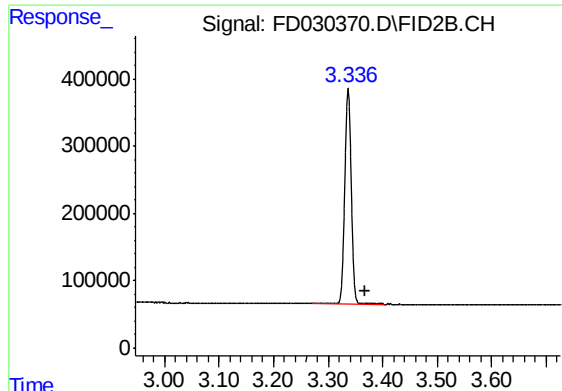
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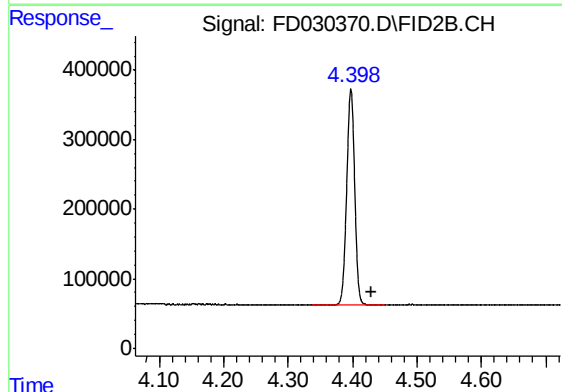
#1 n-Nonane (C9)

R.T.: 3.337 min
Delta R.T.: -0.032 min
Response: 2609491
Conc: 21.81 ug/ml

Instrument :
FID_D
ClientSampleId :

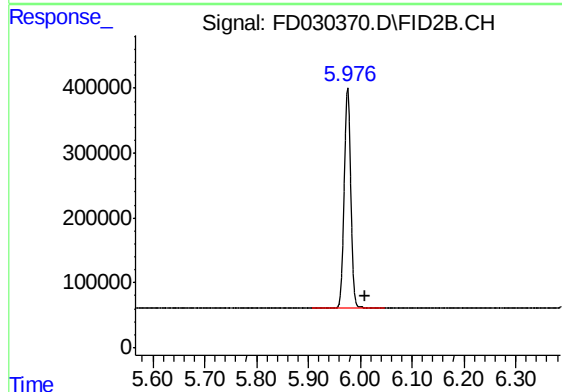
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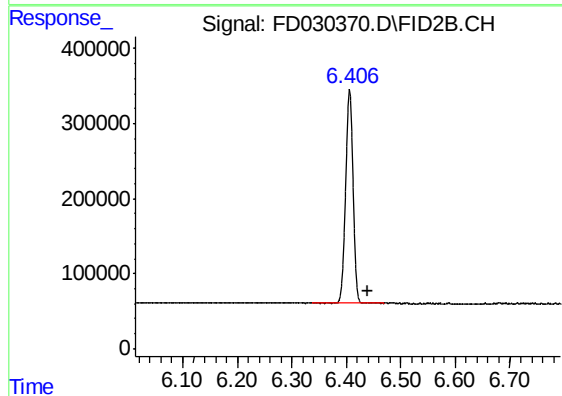
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.033 min
Response: 2670794
Conc: 21.96 ug/ml



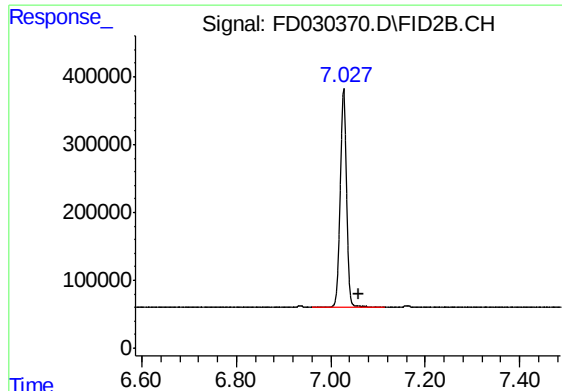
#3 A-Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.034 min
Response: 2981875
Conc: 21.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.406 min
Delta R.T.: -0.033 min
Response: 2677599
Conc: 21.96 ug/ml



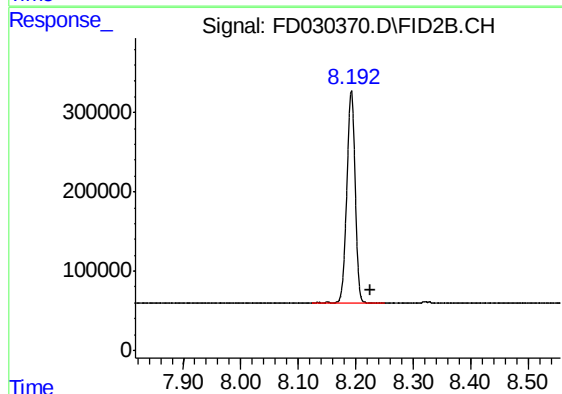
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: -0.033 min
Response: 2981678
Conc: 21.56 ug/ml

Instrument :
FID_D
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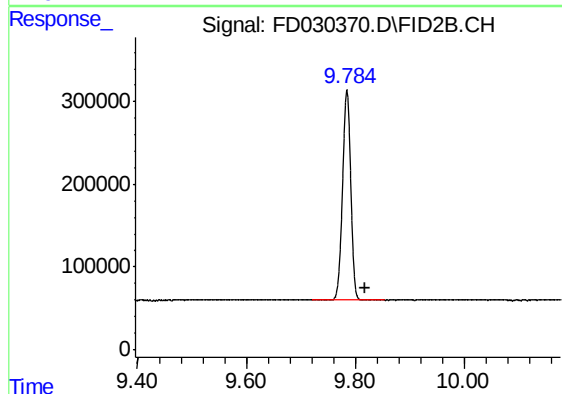
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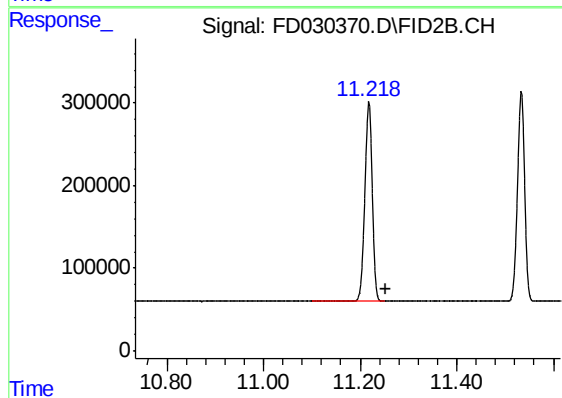
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.033 min
Response: 2675286
Conc: 21.69 ug/ml



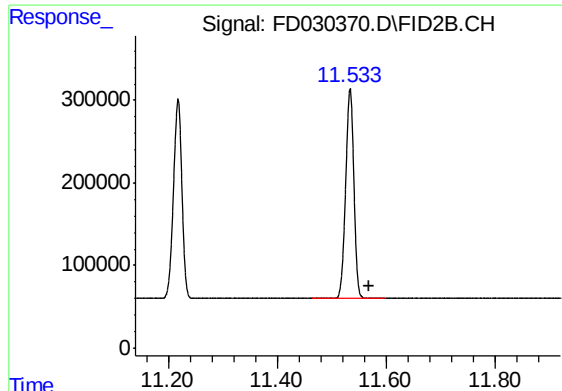
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.033 min
Response: 2646900
Conc: 21.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.033 min
Response: 2585818
Conc: 20.23 ug/ml



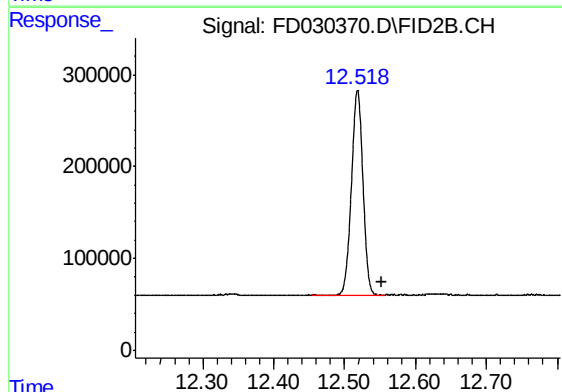
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.035 min
Response: 2636786
Conc: 19.18 ug/ml

Instrument :
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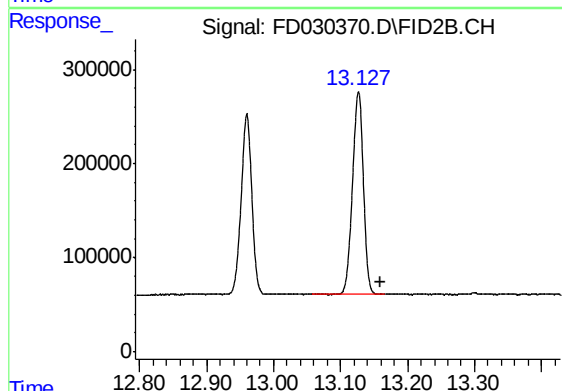
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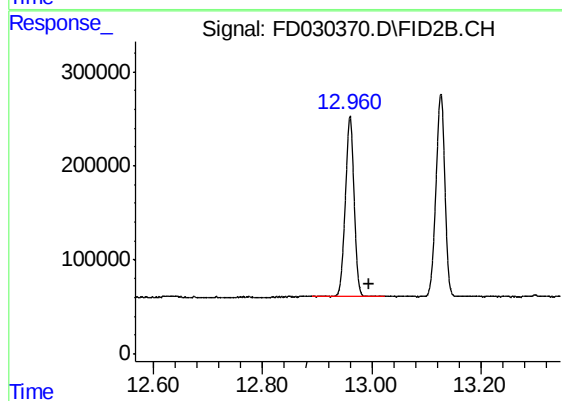
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.035 min
Response: 2502342
Conc: 19.27 ug/ml



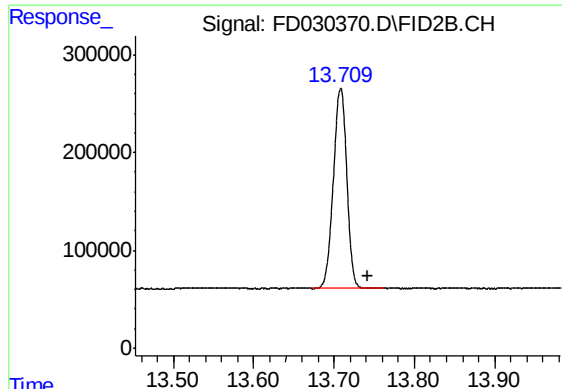
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.034 min
Response: 2434974
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.960 min
Delta R.T.: -0.034 min
Response: 2123898
Conc: 18.62 ug/ml



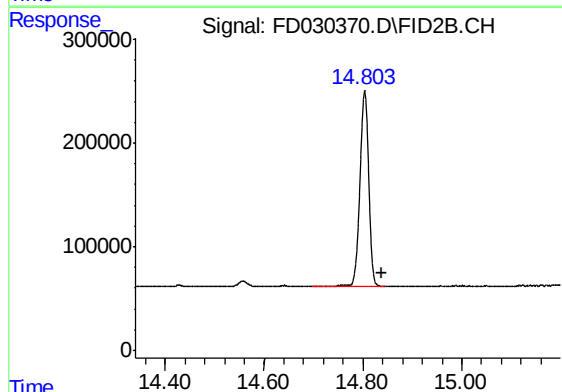
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: -0.034 min
Response: 2391218
Conc: 18.31 ug/ml

Instrument :
FID_D
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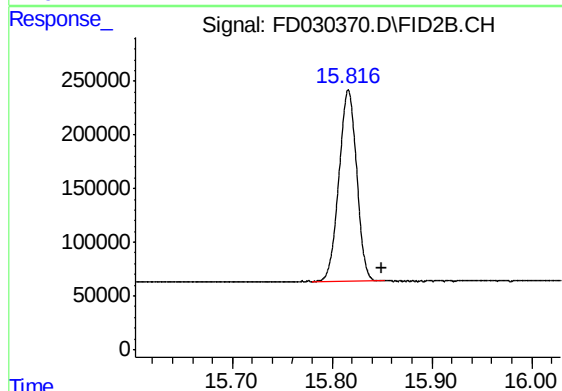
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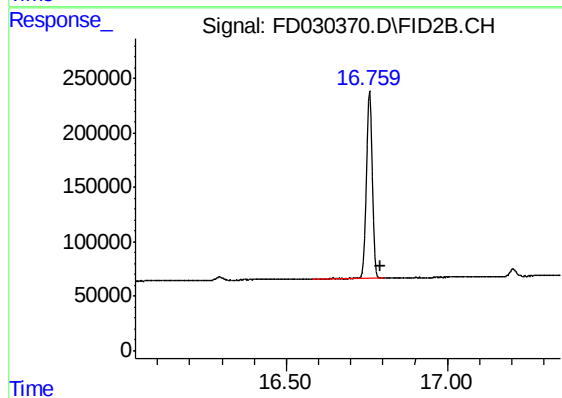
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: -0.034 min
Response: 2306393
Conc: 17.57 ug/ml



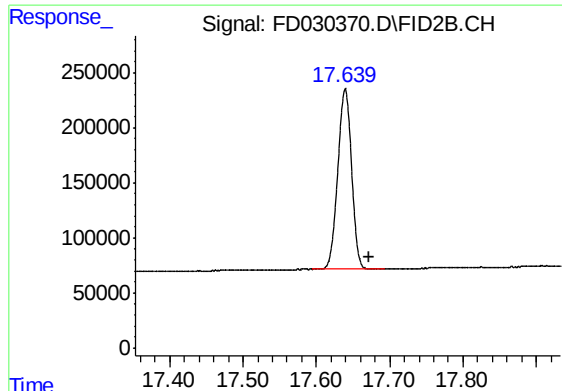
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.034 min
Response: 2201650
Conc: 17.07 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.758 min
Delta R.T.: -0.034 min
Response: 2180423
Conc: 17.18 ug/ml



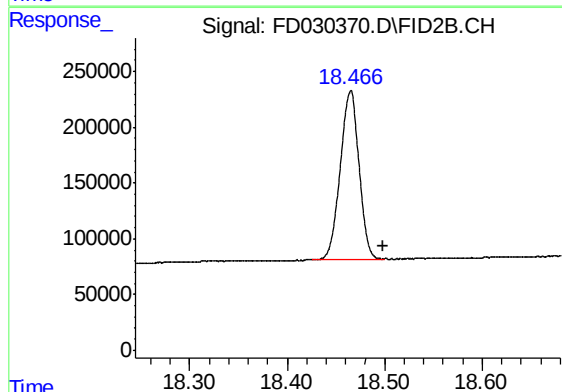
#17 n-Tricontane (C30)

R.T.: 17.639 min
Delta R.T.: -0.033 min
Response: 2133633
Conc: 17.61 ug/ml

Instrument :
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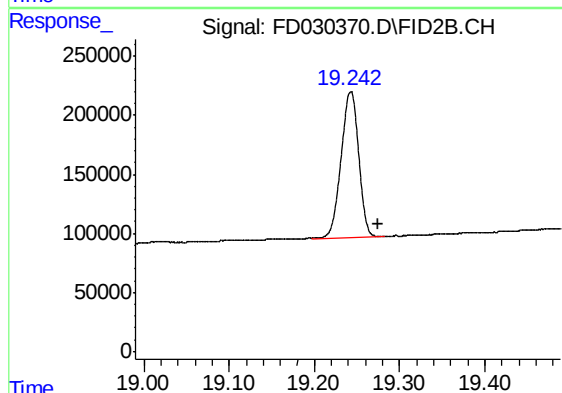
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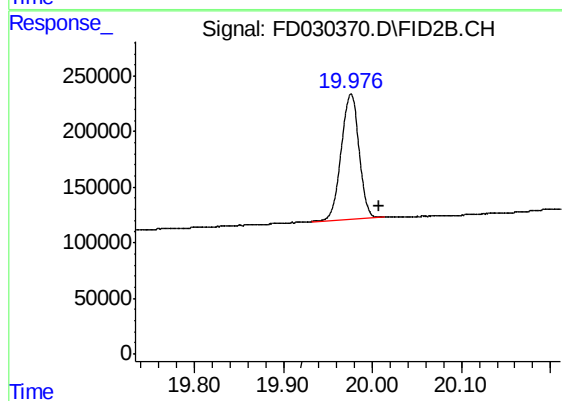
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.032 min
Response: 2021546
Conc: 18.03 ug/ml m



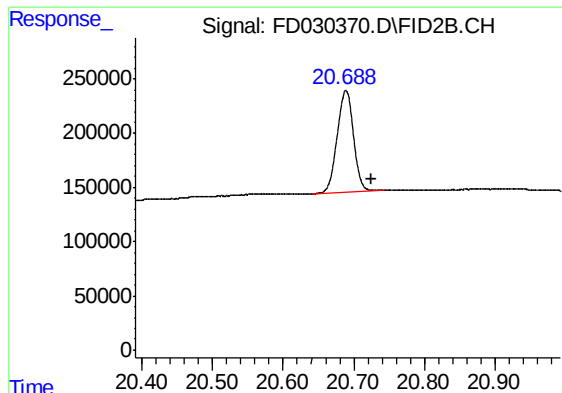
#19 n-Tetatriacontane (C34)

R.T.: 19.242 min
Delta R.T.: -0.033 min
Response: 1762007
Conc: 19.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: -0.032 min
Response: 1558676
Conc: 20.97 ug/ml m



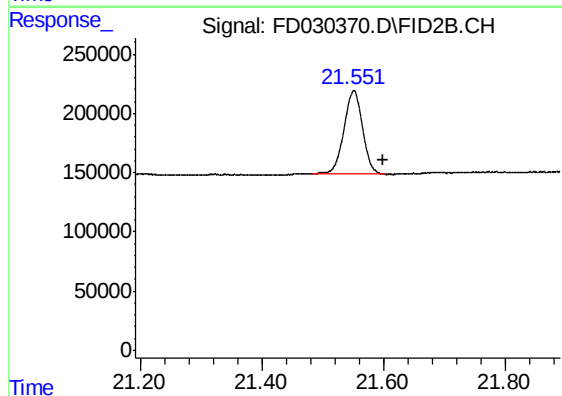
#21 n-Octatriacontane (C38)

R.T.: 20.688 min
Delta R.T.: -0.037 min
Response: 1516507
Conc: 22.78 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.551 min
Delta R.T.: -0.048 min
Response: 1482921
Conc: 20.99 ug/ml m