

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020119AL\
 Data File : FD027550.D
 Signal(s) : FID2B.CH
 Acq On : 01 Feb 2019 15:52
 Operator : AJ\SJ
 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

Sohil
 2/1/2019 5:03:51 PM

Integration File: autoint1.e
 Quant Time: Feb 01 16:16:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 08:17:25 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)	11.232	1993781	17.933 ug/ml
Spiked Amount 50.000		Recovery =	35.87%
12) S 1-chlorooctadecane (S...	12.676	1502886	17.562 ug/ml
Spiked Amount 50.000		Recovery =	35.12%
Target Compounds			
1) T n-Nonane (C9)	3.067	1678460	17.345 ug/ml
2) T n-Decane (C10)	4.125	1713750	17.275 ug/ml
3) T A-Naphthalene (C11.7)	5.681	1984421	17.810 ug/ml
4) T n-Dodecane (C12)	6.133	1723363	17.196 ug/ml
5) T A~2-methylnaphthalene...	6.731	2000033	17.906 ug/ml
6) T n-Tetradecane (C14)	7.916	1744934	17.181 ug/ml
7) T n-Hexadecane (C16)	9.506	1742654	17.170 ug/ml
8) T n-Octadecane (C18)	10.938	1736948	17.108 ug/ml
10) T n-Eicosane (C20)	12.240	1739972	17.377 ug/ml
11) T n-Heneicosane (C21)	12.847	1733066	17.556 ug/mlm
13) T n-Docosane (C22)	13.430	1731830	17.690 ug/ml
14) T n-Tetracosane (C24)	14.526	1733155	17.956 ug/ml
15) T n-Hexacosane (C26)	15.539	1730801	18.402 ug/ml
16) T n-Octacosane (C28)	16.483	1730980	18.643 ug/ml
17) T n-Tricontane (C30)	17.364	1698064	18.855 ug/ml
18) T n-Dotriacontane (C32)	18.191	1563853	18.334 ug/ml
19) T n-Tetratriacontane (C34)	18.969	1367337	18.553 ug/ml
20) T n-Hexatriacontane (C36)	19.704	1199743	18.012 ug/ml
21) T n-Octatriacontane (C38)	20.399	1207033	18.602 ug/ml
22) T n-Tetracontane (C40)	21.174	1106584	17.629 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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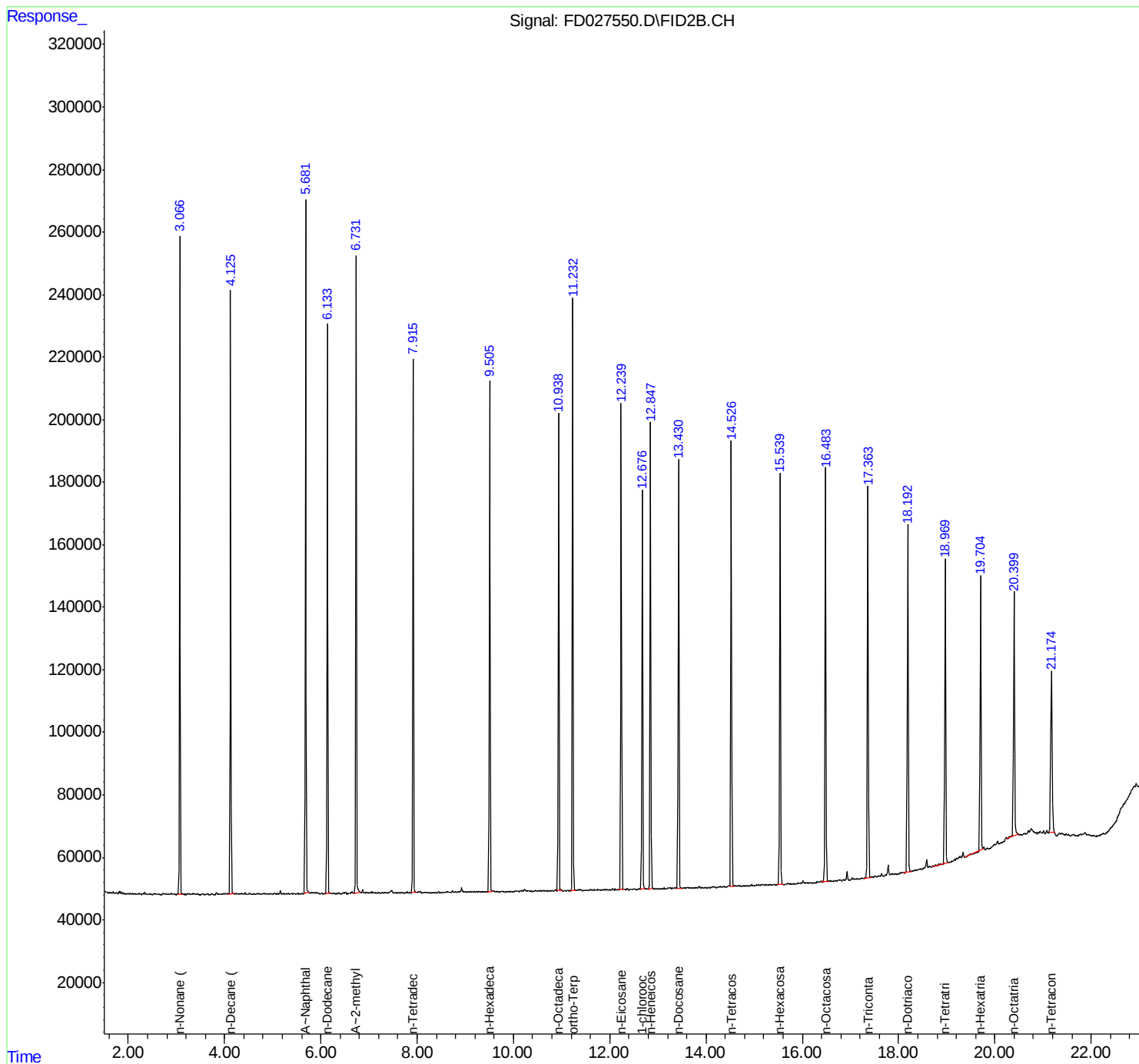
Instrument :
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20 PPM ALIPHATIC HC STD

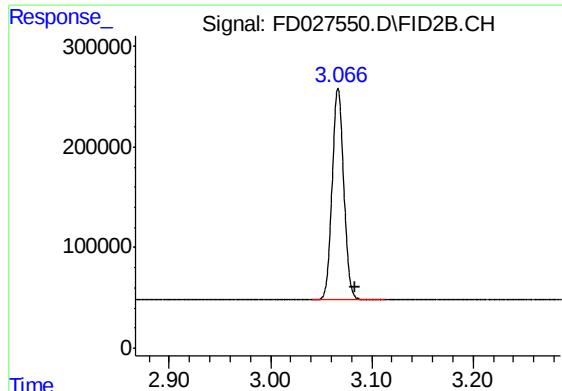
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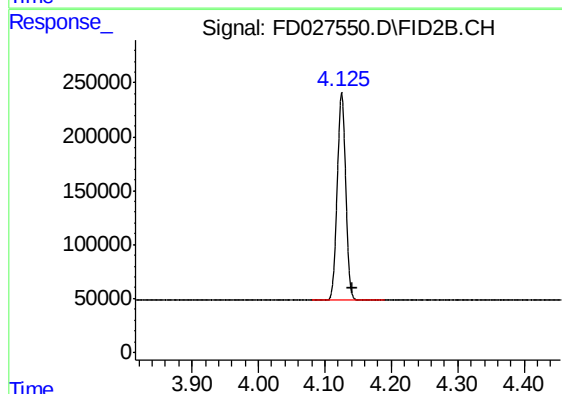
#1 n-Nonane (C9)

R.T.: 3.067 min
Delta R.T.: -0.016 min
Response: 1678460
Conc: 17.35 ug/ml

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20 PPM ALIPHATIC HC STD

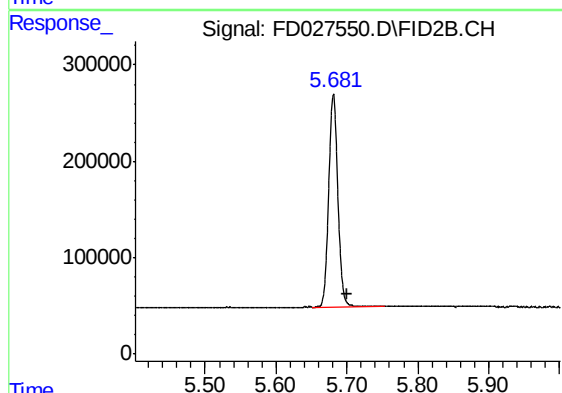
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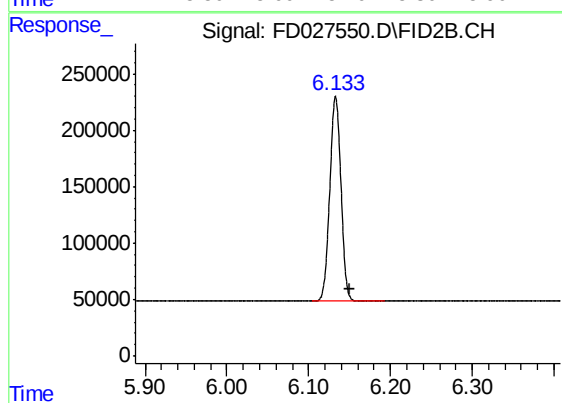
#2 n-Decane (C10)

R.T.: 4.125 min
Delta R.T.: -0.017 min
Response: 1713750
Conc: 17.27 ug/ml



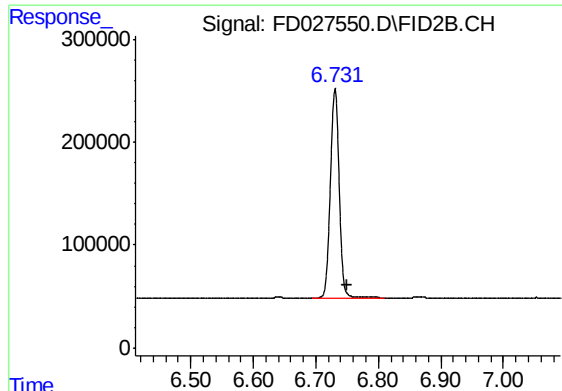
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.019 min
Response: 1984421
Conc: 17.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.133 min
Delta R.T.: -0.018 min
Response: 1723363
Conc: 17.20 ug/ml



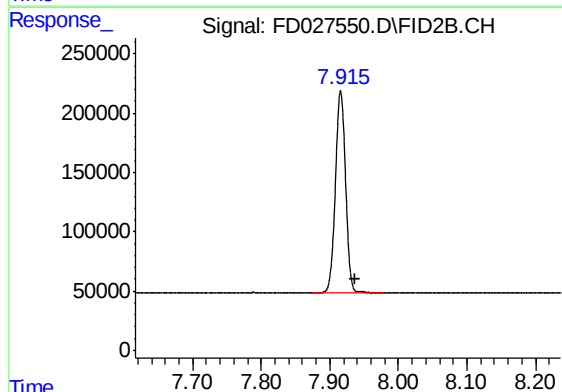
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.019 min
Response: 2000033
Conc: 17.91 ug/ml

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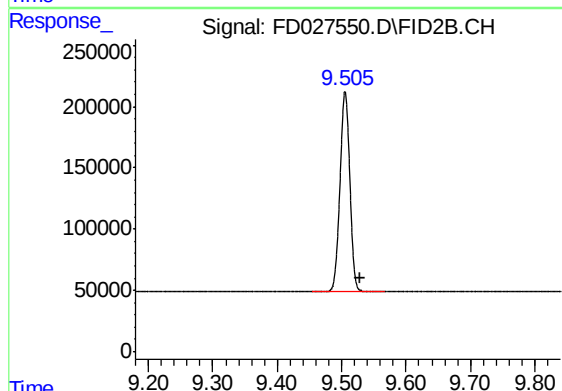
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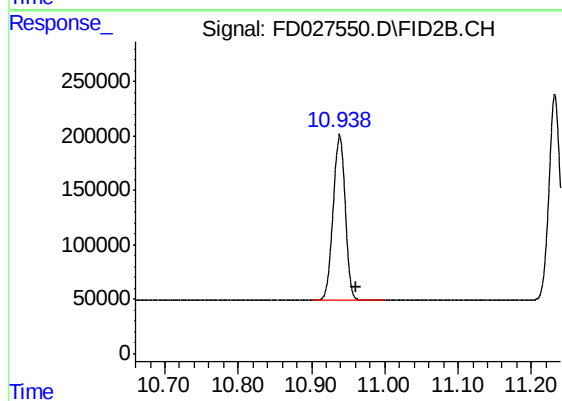
#6 n-Tetradecane (C14)

R.T.: 7.916 min
Delta R.T.: -0.020 min
Response: 1744934
Conc: 17.18 ug/ml



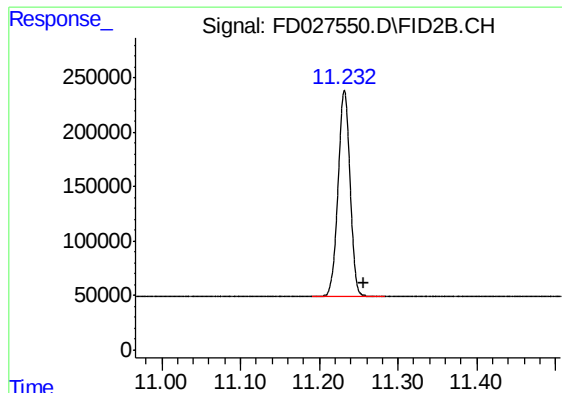
#7 n-Hexadecane (C16)

R.T.: 9.506 min
Delta R.T.: -0.022 min
Response: 1742654
Conc: 17.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.938 min
Delta R.T.: -0.023 min
Response: 1736948
Conc: 17.11 ug/ml



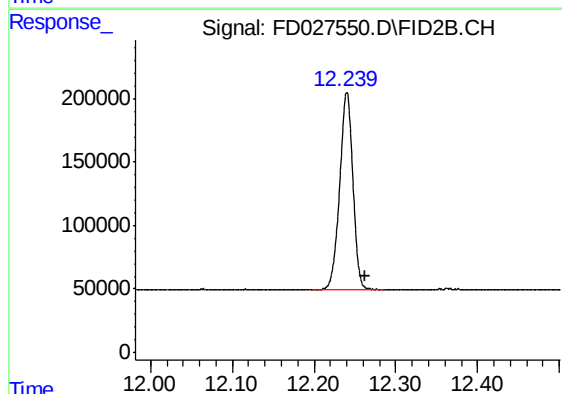
#9 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.024 min
Response: 1993781
Conc: 17.93 ug/ml

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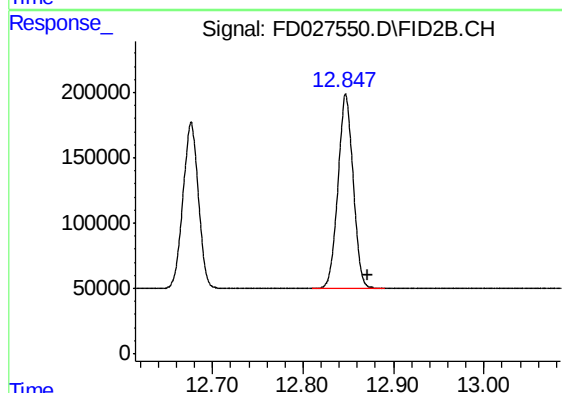
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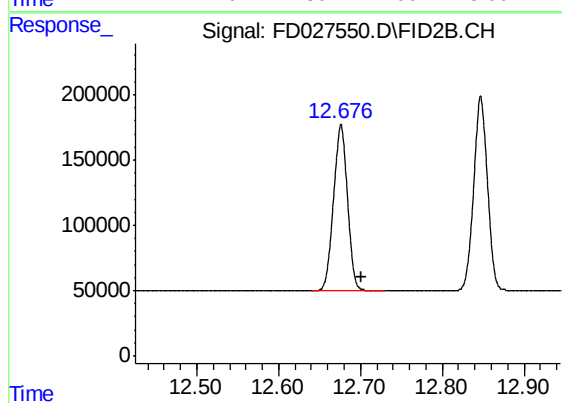
#10 n-Eicosane (C20)

R.T.: 12.240 min
Delta R.T.: -0.023 min
Response: 1739972
Conc: 17.38 ug/ml



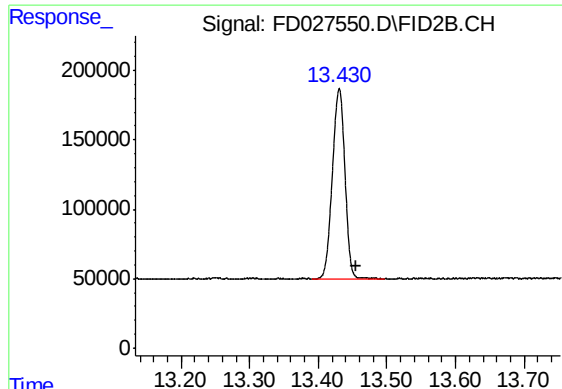
#11 n-Heneicosane (C21)

R.T.: 12.847 min
Delta R.T.: -0.025 min
Response: 1733066
Conc: 17.56 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.676 min
Delta R.T.: -0.025 min
Response: 1502886
Conc: 17.56 ug/ml



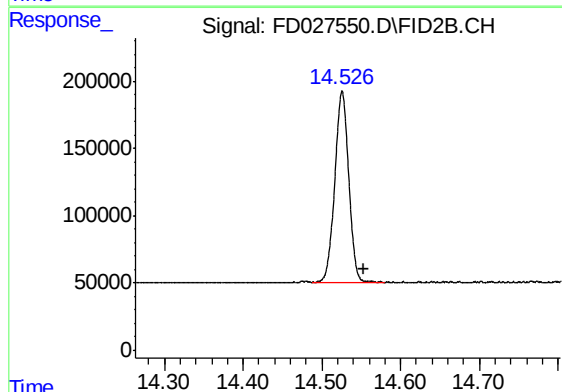
#13 n-Docosane (C22)

R.T.: 13.430 min
Delta R.T.: -0.026 min
Response: 1731830
Conc: 17.69 ug/ml

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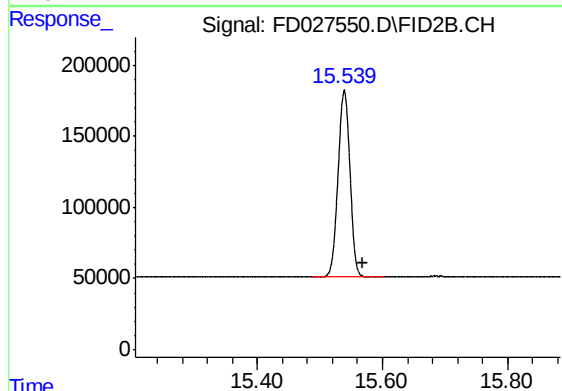
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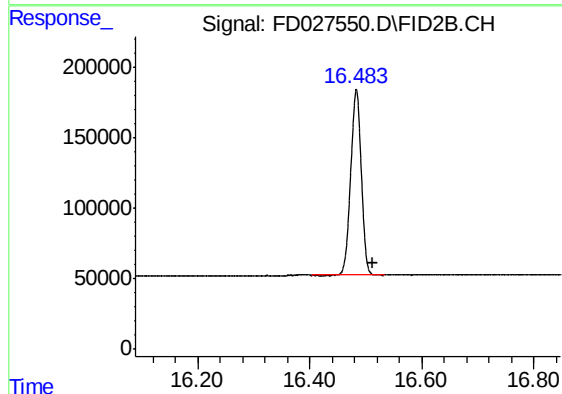
#14 n-Tetracosane (C24)

R.T.: 14.526 min
Delta R.T.: -0.027 min
Response: 1733155
Conc: 17.96 ug/ml



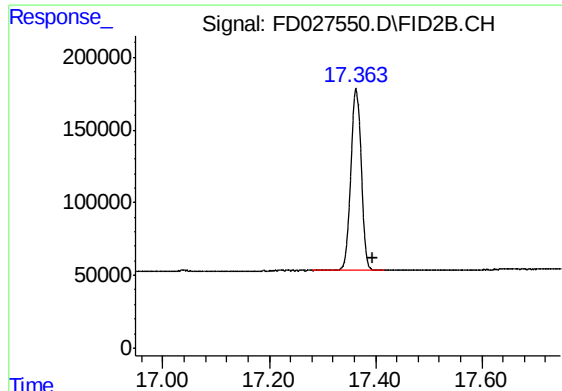
#15 n-Hexacosane (C26)

R.T.: 15.539 min
Delta R.T.: -0.030 min
Response: 1730801
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.483 min
Delta R.T.: -0.030 min
Response: 1730980
Conc: 18.64 ug/ml



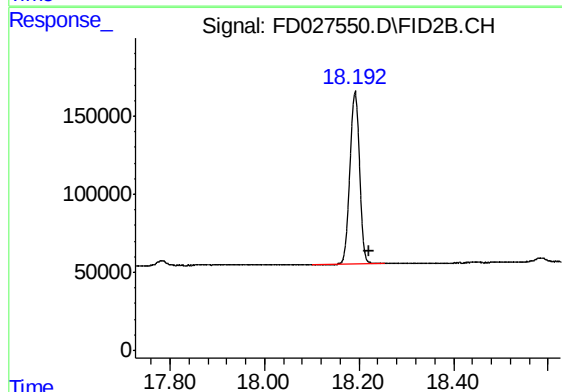
#17 n-Tricontane (C30)

R.T.: 17.364 min
Delta R.T.: -0.031 min
Response: 1698064
Conc: 18.85 ug/ml

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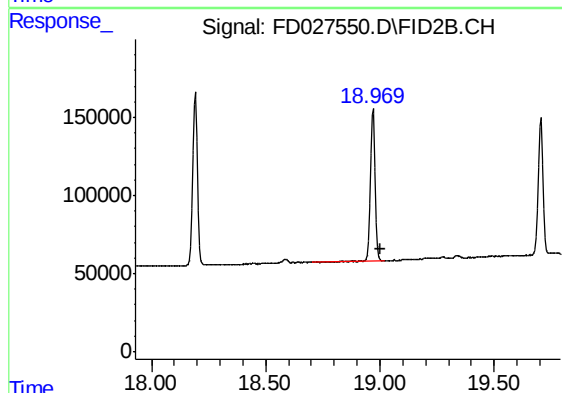
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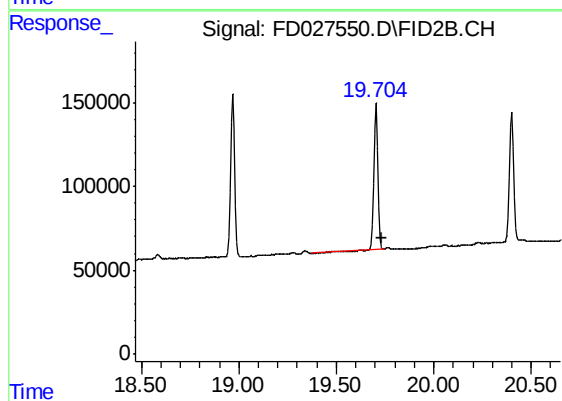
#18 n-Dotriacontane (C32)

R.T.: 18.191 min
Delta R.T.: -0.030 min
Response: 1563853
Conc: 18.33 ug/ml



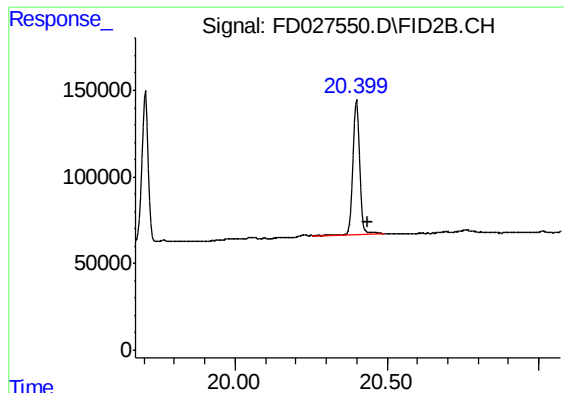
#19 n-Tetatriacontane (C34)

R.T.: 18.969 min
Delta R.T.: -0.033 min
Response: 1367337
Conc: 18.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.704 min
Delta R.T.: -0.033 min
Response: 1199743
Conc: 18.01 ug/ml



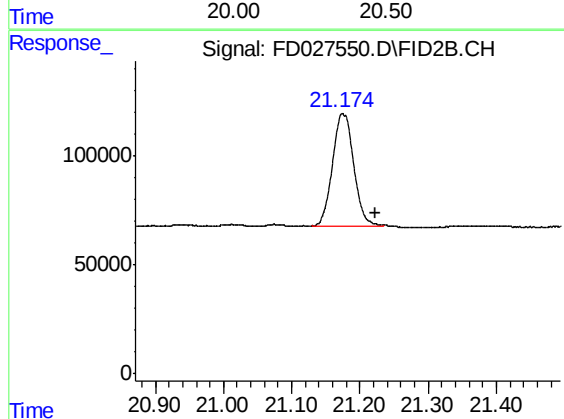
#21 n-Octatriacontane (C38)

R.T.: 20.399 min
Delta R.T.: -0.036 min
Response: 1207033
Conc: 18.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.174 min
Delta R.T.: -0.048 min
Response: 1106584
Conc: 17.63 ug/ml m