

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010319AL\
 Data File : FD027105.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2019 2:15
 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
 1/4/2019 11:41:23 AM

Integration File: sample.E
 Quant Time: Jan 04 02:38:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 121318.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 14 04:06:49 2018
 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)	11.264	1894305	18.315 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	12.709	1453764	18.604 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.078	1467885	16.374 ug/mlm
2) T n-Decane (C10)	4.143	1529602	16.679 ug/ml
3) T A-Naphthalene (C11.7)	5.705	1842164	17.358 ug/ml
4) T n-Dodecane (C12)	6.156	1591535	17.126 ug/ml
5) T A~2-methylnaphthalene...	6.756	1853564	17.455 ug/ml
6) T n-Tetradecane (C14)	7.941	1623332	17.305 ug/ml
7) T n-Hexadecane (C16)	9.534	1625145	17.509 ug/ml
8) T n-Octadecane (C18)	10.968	1628849	17.911 ug/ml
10) T n-Eicosane (C20)	12.271	1655644	18.280 ug/ml
11) T n-Heneicosane (C21)	12.880	1651374	18.395 ug/ml
13) T n-Docosane (C22)	13.464	1665826	18.596 ug/ml
14) T n-Tetracosane (C24)	14.561	1677039	18.822 ug/ml
15) T n-Hexacosane (C26)	15.577	1680557	18.980 ug/ml
16) T n-Octacosane (C28)	16.522	1695570	19.092 ug/ml
17) T n-Tricontane (C30)	17.406	1670751	19.218 ug/ml
18) T n-Dotriacontane (C32)	18.233	1544872	19.107 ug/mlm
19) T n-Tetratriacontane (C34)	19.012	1338640	19.005 ug/mlm
20) T n-Hexatriacontane (C36)	19.749	1179937	18.557 ug/ml
21) T n-Octatriacontane (C38)	20.447	1123550	18.377 ug/mlm
22) T n-Tetracontane (C40)	21.239	992039	16.982 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 52 Sample Multiplier: 1

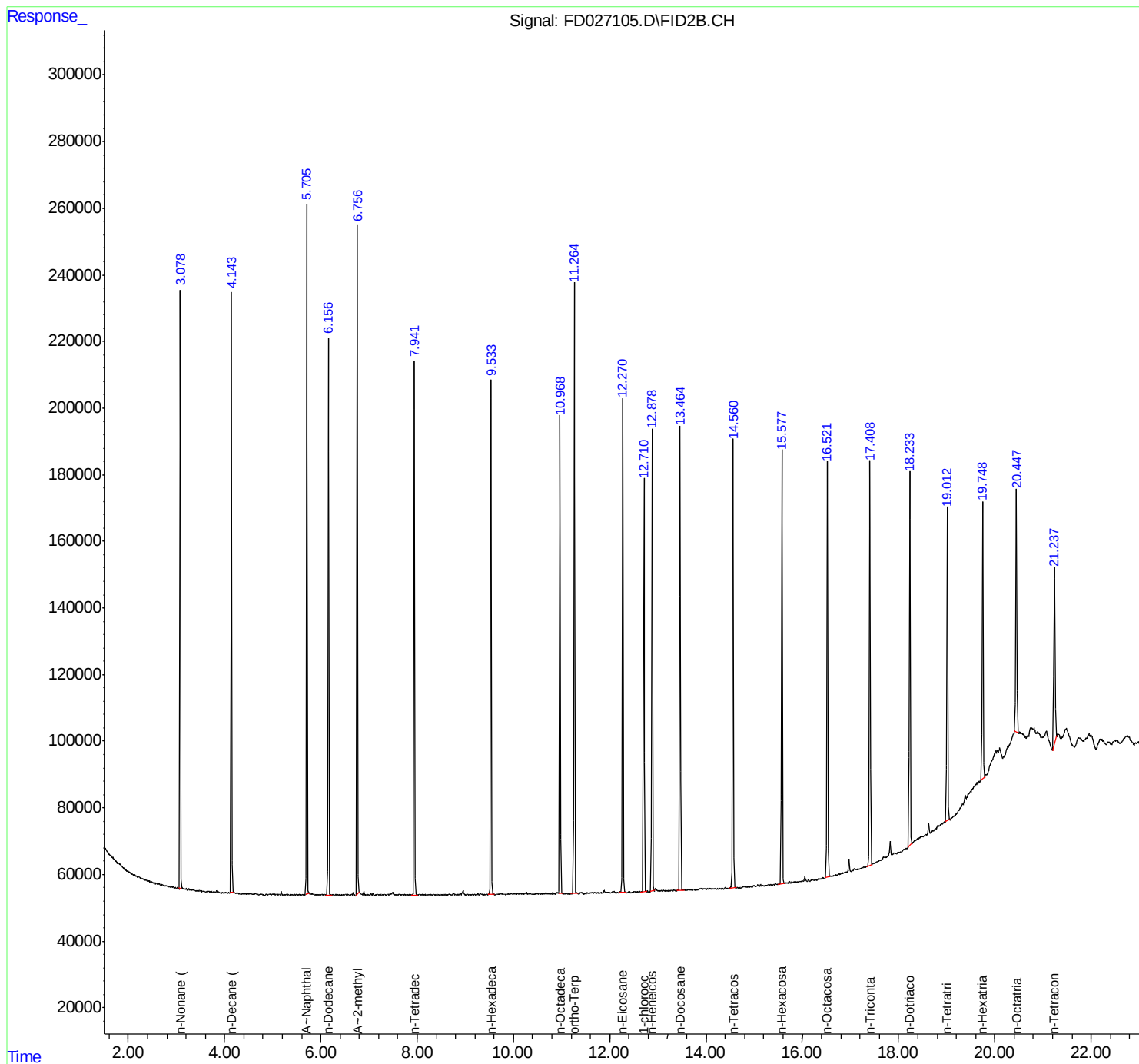
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20 PPM ALIPHATIC HC STD

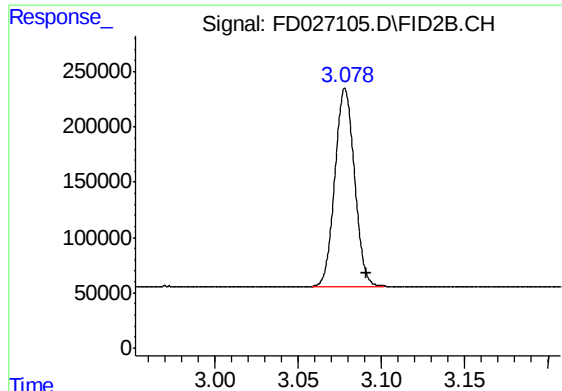
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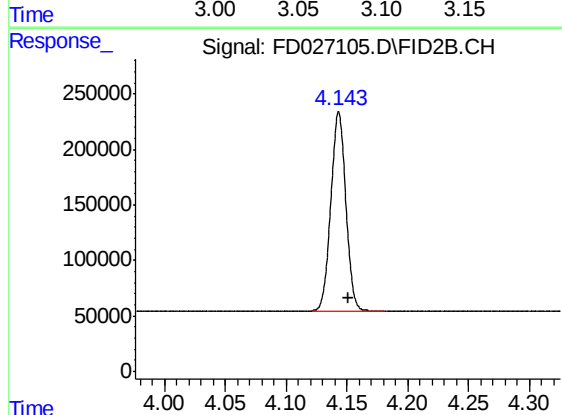
#1 n-Nonane (C9)

R.T.: 3.078 min
Delta R.T.: -0.013 min
Response: 1467885
Conc: 16.37 ug/ml m

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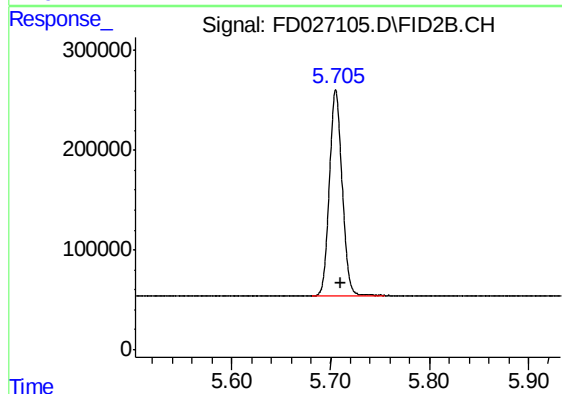
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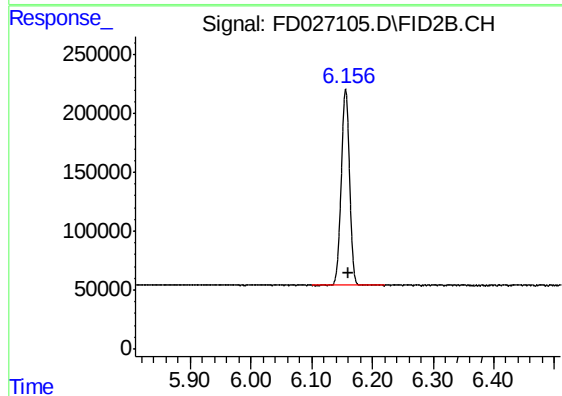
#2 n-Decane (C10)

R.T.: 4.143 min
Delta R.T.: -0.008 min
Response: 1529602
Conc: 16.68 ug/ml



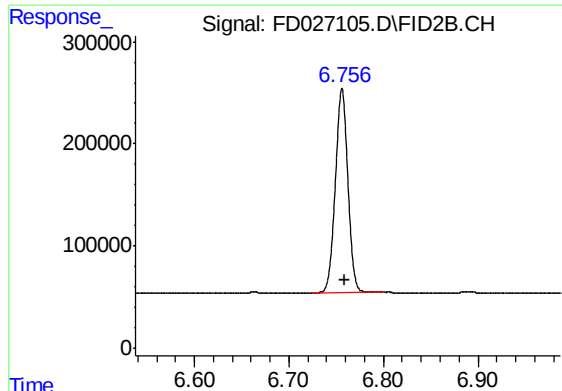
#3 A-Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 1842164
Conc: 17.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 1591535
Conc: 17.13 ug/ml



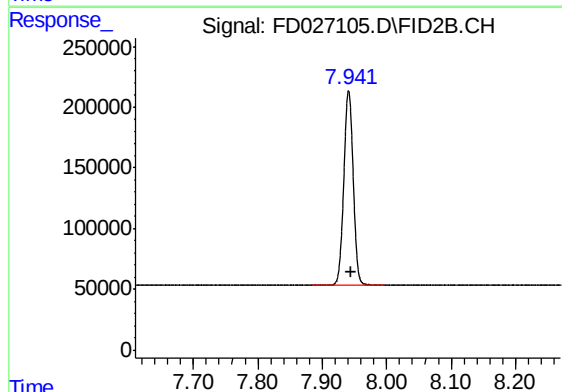
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 1853564
Conc: 17.45 ug/ml

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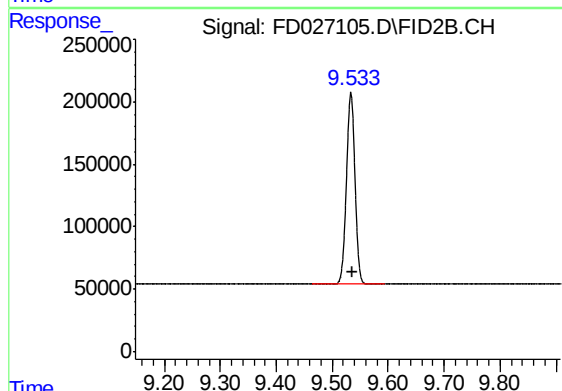
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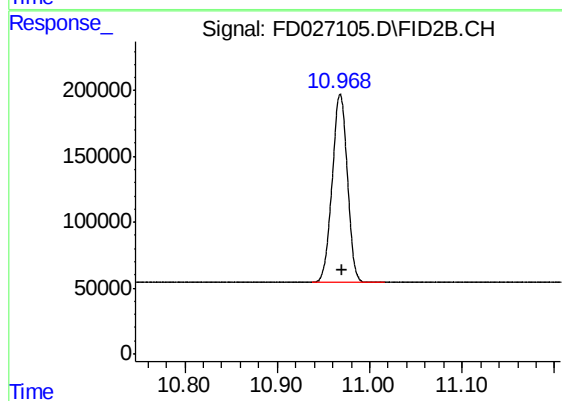
#6 n-Tetradecane (C14)

R.T.: 7.941 min
Delta R.T.: -0.003 min
Response: 1623332
Conc: 17.31 ug/ml



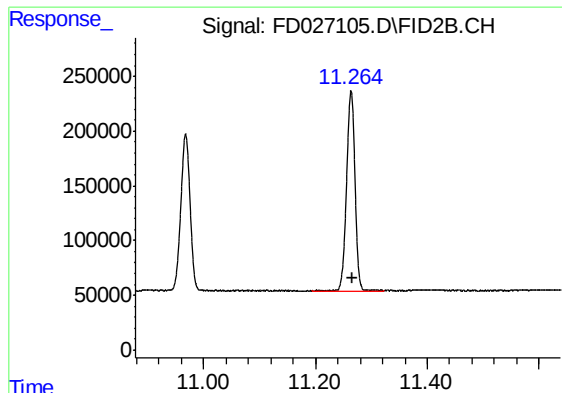
#7 n-Hexadecane (C16)

R.T.: 9.534 min
Delta R.T.: -0.003 min
Response: 1625145
Conc: 17.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.968 min
Delta R.T.: -0.002 min
Response: 1628849
Conc: 17.91 ug/ml



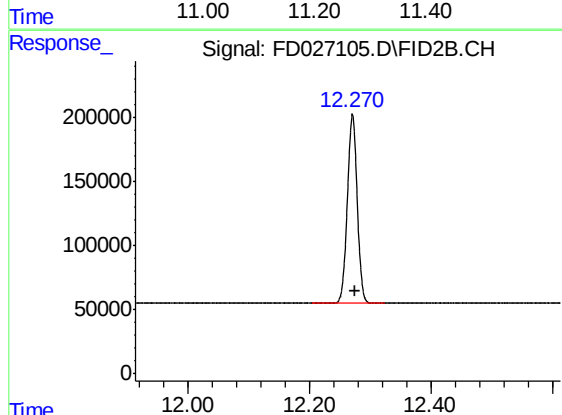
#9 ortho-Terphenyl (SURR)

R.T.: 11.264 min
Delta R.T.: -0.001 min
Response: 1894305
Conc: 18.31 ug/ml

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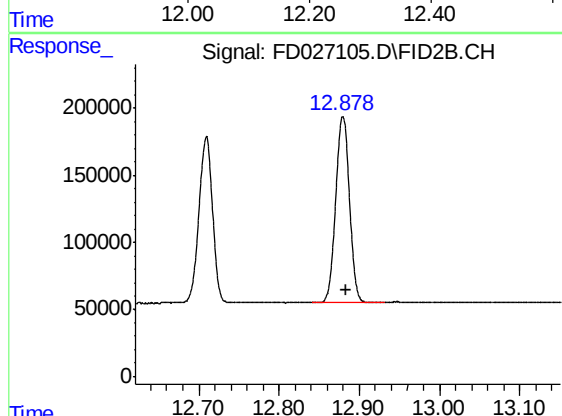
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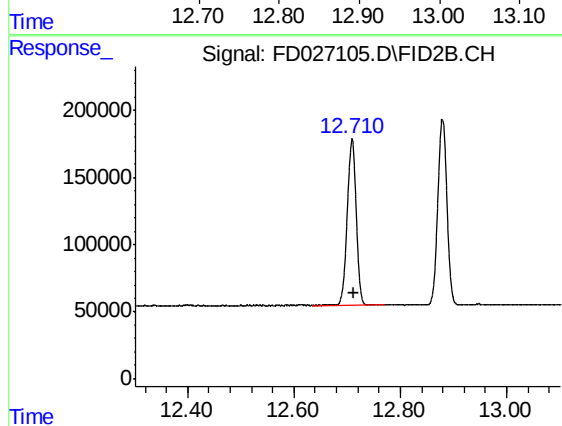
#10 n-Eicosane (C20)

R.T.: 12.271 min
Delta R.T.: -0.003 min
Response: 1655644
Conc: 18.28 ug/ml



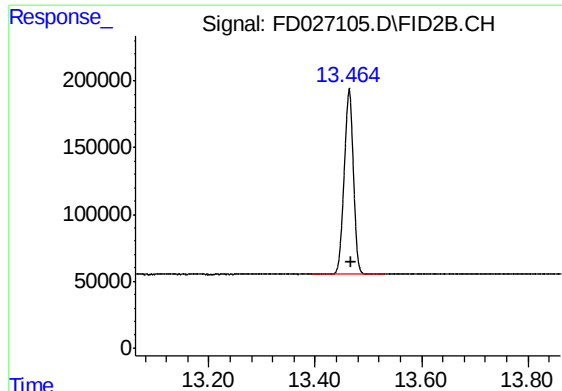
#11 n-Heneicosane (C21)

R.T.: 12.880 min
Delta R.T.: -0.003 min
Response: 1651374
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.709 min
Delta R.T.: -0.003 min
Response: 1453764
Conc: 18.60 ug/ml



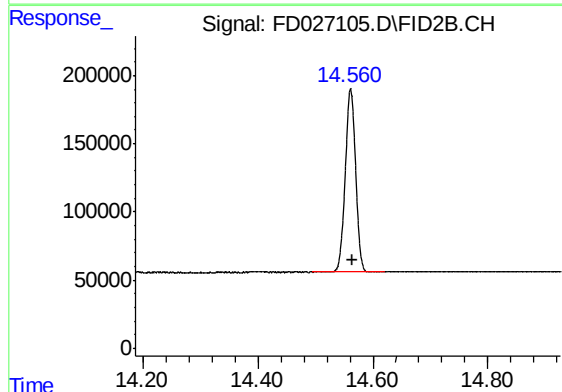
#13 n-Docosane (C22)

R.T.: 13.464 min
Delta R.T.: -0.003 min
Response: 1665826
Conc: 18.60 ug/ml

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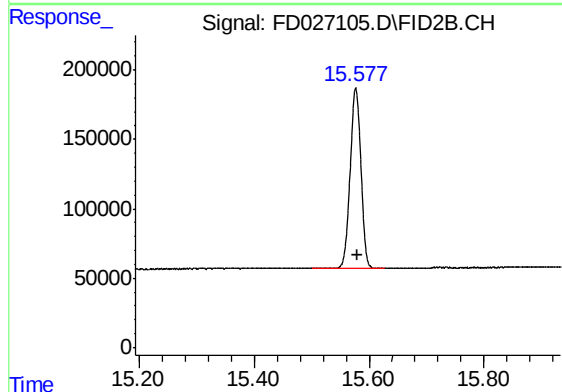
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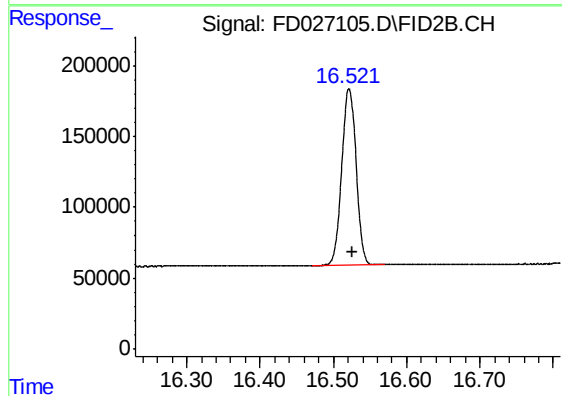
#14 n-Tetracosane (C24)

R.T.: 14.561 min
Delta R.T.: -0.003 min
Response: 1677039
Conc: 18.82 ug/ml



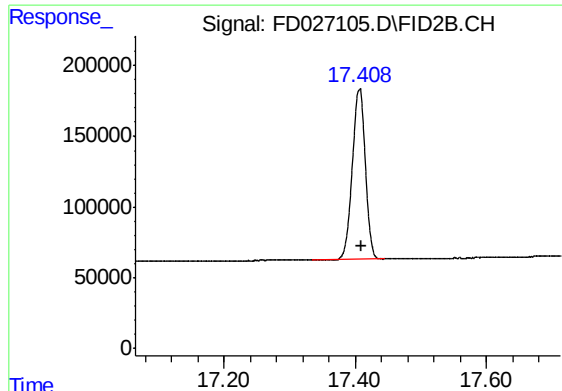
#15 n-Hexacosane (C26)

R.T.: 15.577 min
Delta R.T.: -0.004 min
Response: 1680557
Conc: 18.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.522 min
Delta R.T.: -0.004 min
Response: 1695570
Conc: 19.09 ug/ml



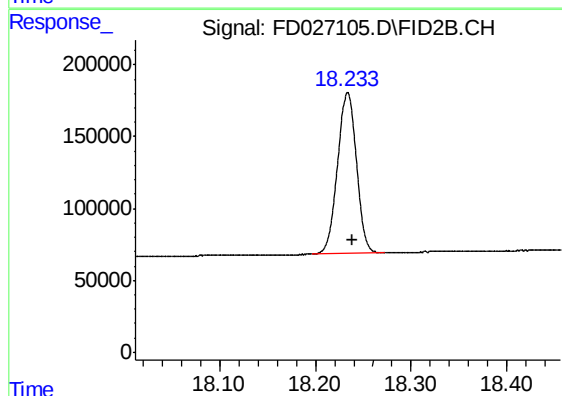
#17 n-Tricontane (C30)

R.T.: 17.406 min
Delta R.T.: -0.004 min
Response: 1670751
Conc: 19.22 ug/ml

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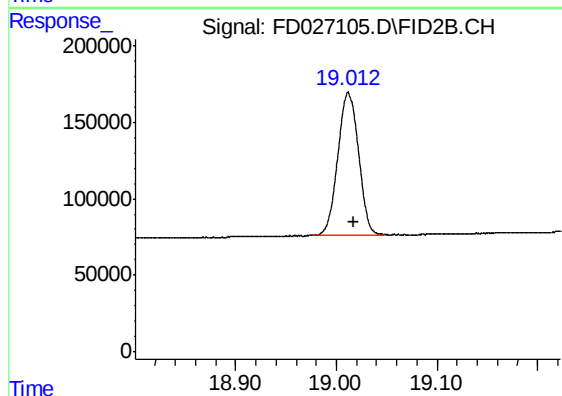
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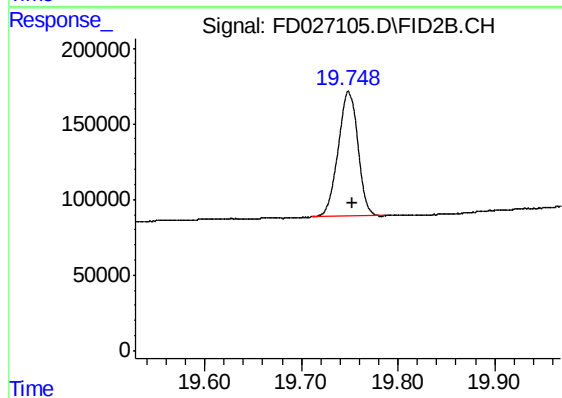
#18 n-Dotriacontane (C32)

R.T.: 18.233 min
Delta R.T.: -0.005 min
Response: 1544872
Conc: 19.11 ug/ml m



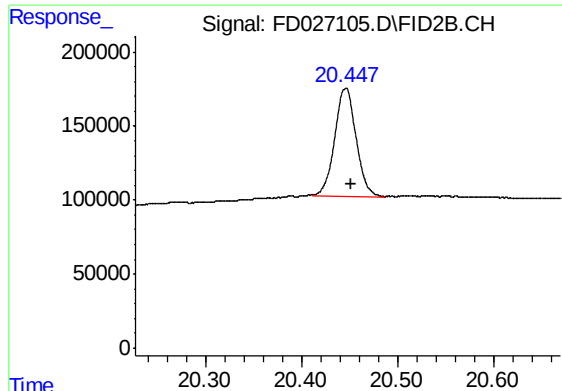
#19 n-Tetratriacontane (C34)

R.T.: 19.012 min
Delta R.T.: -0.006 min
Response: 1338640
Conc: 19.01 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.749 min
Delta R.T.: -0.004 min
Response: 1179937
Conc: 18.56 ug/ml



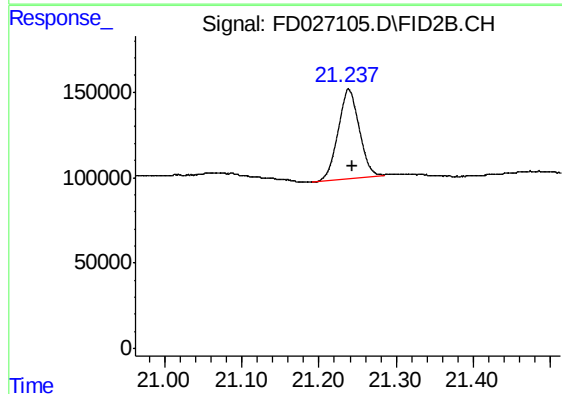
#21 n-Octatriacontane (C38)

R.T.: 20.447 min
Delta R.T.: -0.004 min
Response: 1123550
Conc: 18.38 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.239 min
Delta R.T.: -0.005 min
Response: 992039
Conc: 16.98 ug/ml