

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031119AL\
 Data File : FD028179.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2019 11:06
 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
 3/12/2019 6:03:55 PM

Integration File: autoint1.e
 Quant Time: Mar 12 02:00:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:32:11 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)	11.202	2552466	18.341 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
12) S 1-chlorooctadecane (S...	12.646	1899260	17.683 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
Target Compounds			
1) T n-Nonane (C9)	3.046	1755898	19.212 ug/ml
2) T n-Decane (C10)	4.101	1795864	19.259 ug/ml
3) T A~Naphthalene (C11.7)	5.654	2103423	19.951 ug/ml
4) T n-Dodecane (C12)	6.106	1839739	19.490 ug/ml
5) T A~2-methylnaphthalene...	6.702	2147022	20.039 ug/ml
6) T n-Tetradecane (C14)	7.888	1923955	19.699 ug/ml
7) T n-Hexadecane (C16)	9.478	1975558	19.491 ug/ml
8) T n-Octadecane (C18)	10.910	1984400	18.749 ug/ml
10) T n-Eicosane (C20)	12.209	1964151	18.226 ug/ml
11) T n-Heneicosane (C21)	12.817	1927432	18.129 ug/ml
13) T n-Docosane (C22)	13.398	1906209	17.857 ug/ml
14) T n-Tetracosane (C24)	14.494	1834922	17.435 ug/ml
15) T n-Hexacosane (C26)	15.505	1779309	17.424 ug/ml
16) T n-Octacosane (C28)	16.449	1749438	17.642 ug/ml
17) T n-Tricontane (C30)	17.330	1706828	18.075 ug/ml
18) T n-Dotriacontane (C32)	18.156	1631111	18.911 ug/ml
19) T n-Tetratriacontane (C34)	18.933	1478414	19.857 ug/mlm
20) T n-Hexatriacontane (C36)	19.667	1273887	19.770 ug/ml
21) T n-Octatriacontane (C38)	20.361	1222994	20.304 ug/mlm
22) T n-Tetracontane (C40)	21.123	1197746	20.234 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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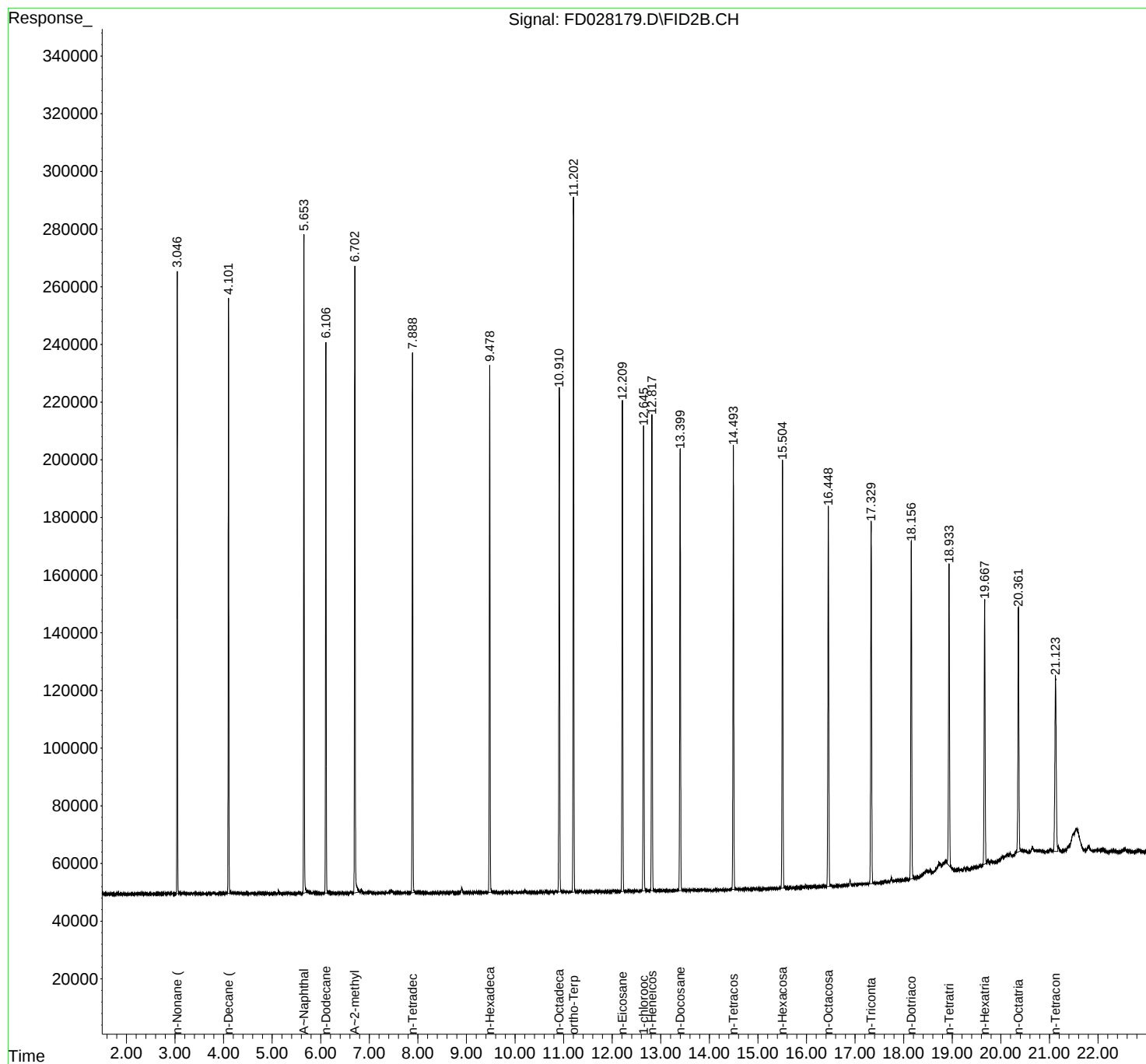
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20 PPM ALIPHATIC HC STD

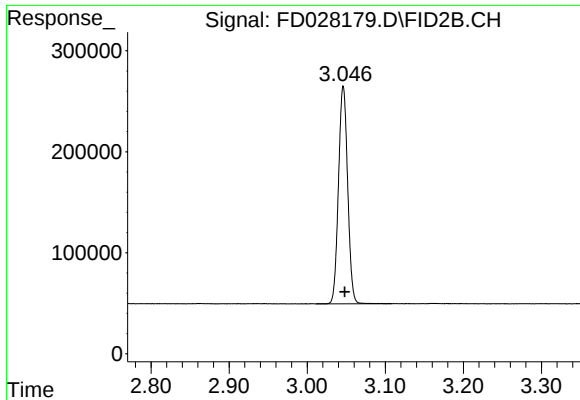
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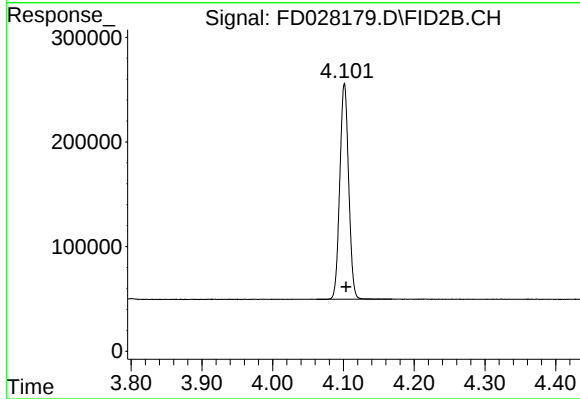
#1 n-Nonane (C9)

R.T.: 3.046 min
Delta R.T.: -0.002 min
Response: 1755898
Conc: 19.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

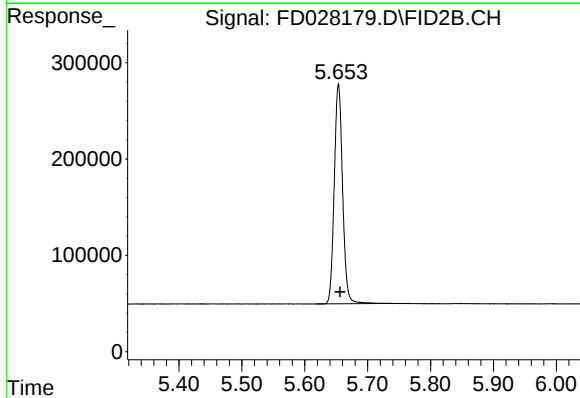
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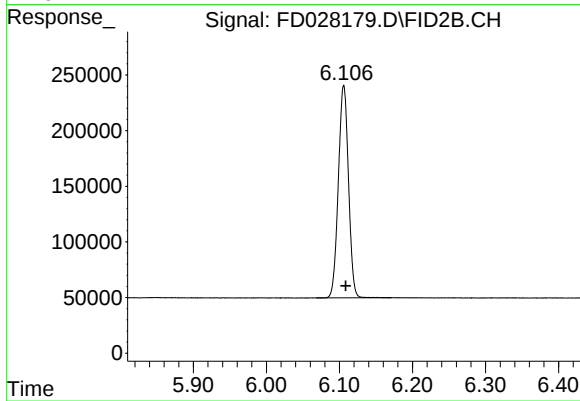
#2 n-Decane (C10)

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 1795864
Conc: 19.26 ug/ml



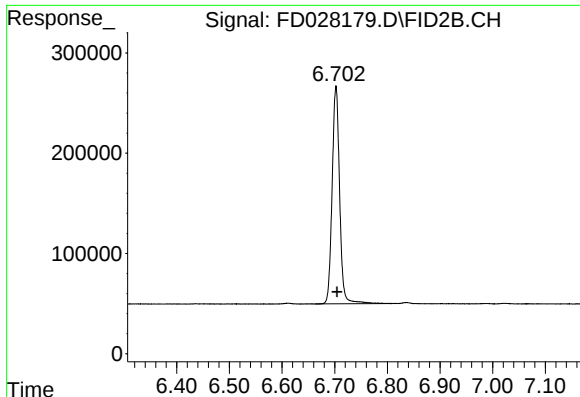
#3 A~Naphthalene (C11.7)

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 2103423
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 1839739
Conc: 19.49 ug/ml



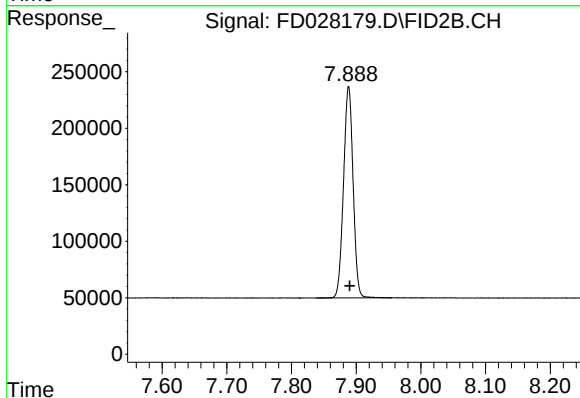
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 2147022
Conc: 20.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

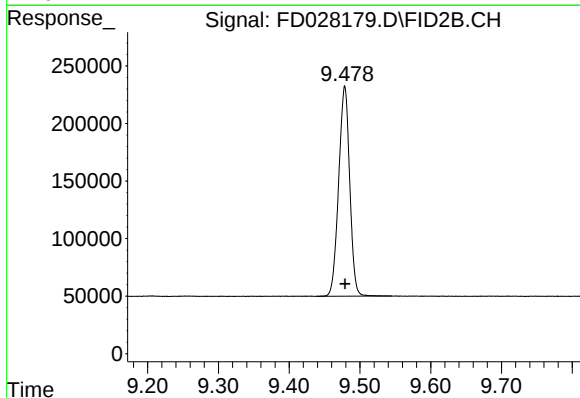
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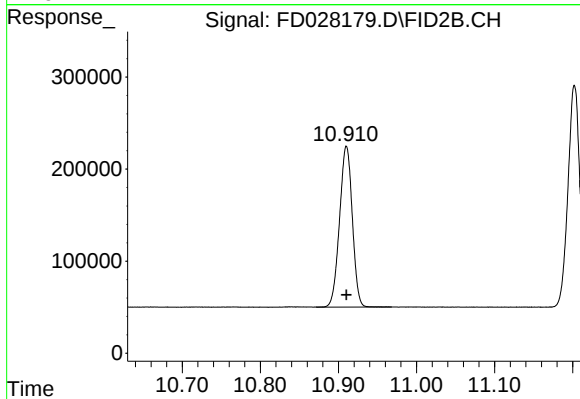
#6 n-Tetradecane (C14)

R.T.: 7.888 min
Delta R.T.: -0.002 min
Response: 1923955
Conc: 19.70 ug/ml



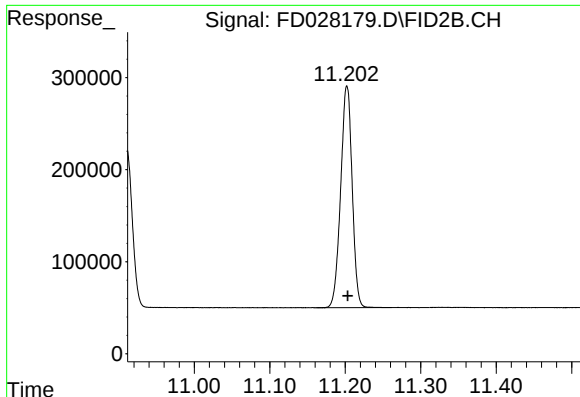
#7 n-Hexadecane (C16)

R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 1975558
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.910 min
Delta R.T.: 0.000 min
Response: 1984400
Conc: 18.75 ug/ml



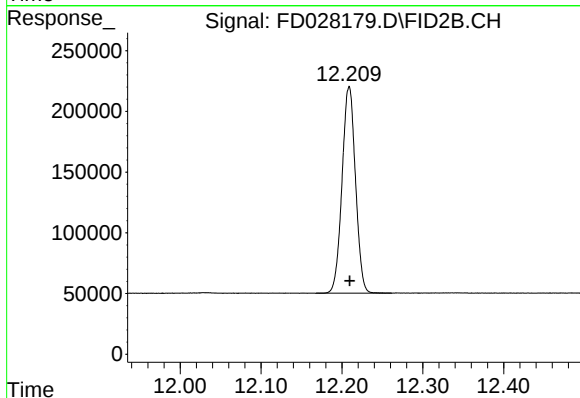
#9 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: -0.001 min
Response: 2552466
Conc: 18.34 ug/ml

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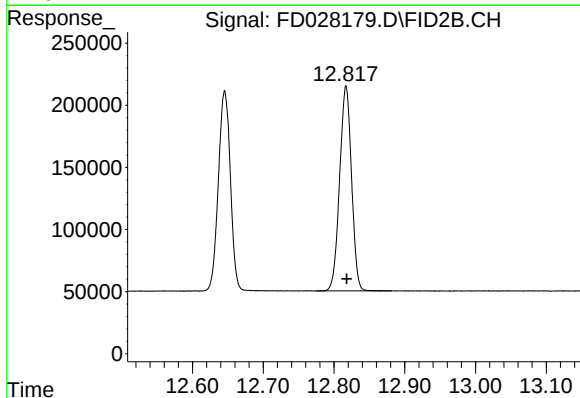
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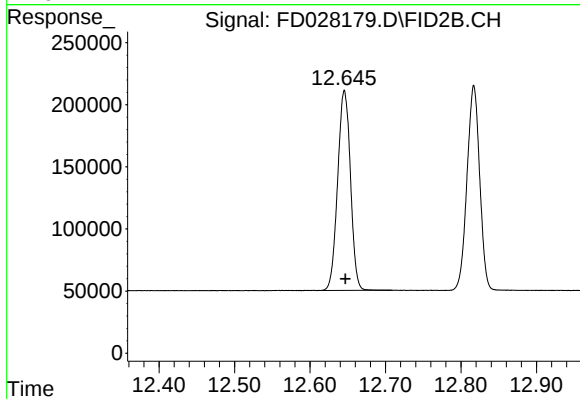
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: 0.000 min
Response: 1964151
Conc: 18.23 ug/ml



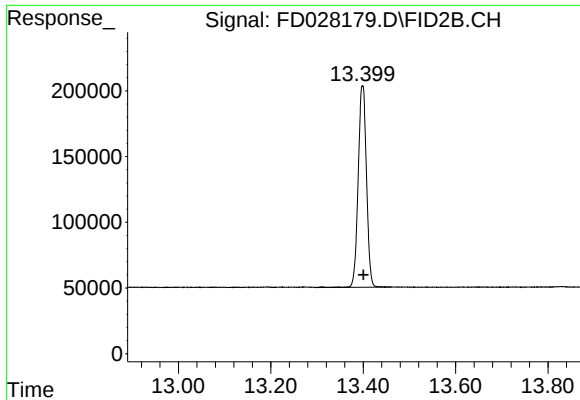
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 1927432
Conc: 18.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.646 min
Delta R.T.: -0.001 min
Response: 1899260
Conc: 17.68 ug/ml



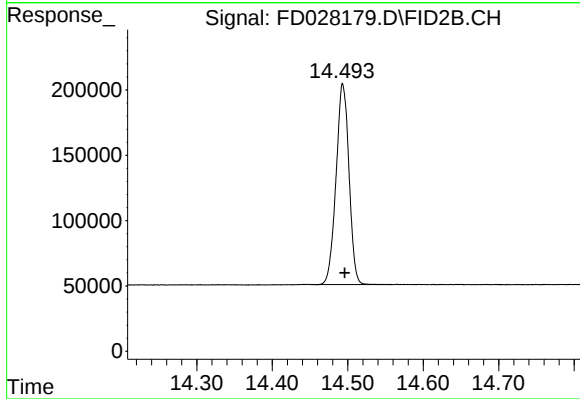
#13 n-Docosane (C22)

R.T.: 13.398 min
Delta R.T.: -0.002 min
Response: 1906209
Conc: 17.86 ug/ml

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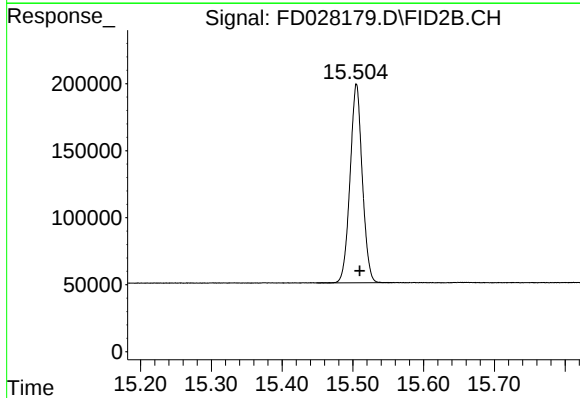
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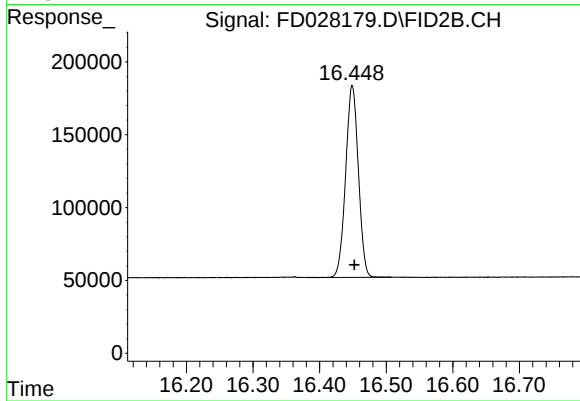
#14 n-Tetracosane (C24)

R.T.: 14.494 min
Delta R.T.: -0.002 min
Response: 1834922
Conc: 17.44 ug/ml



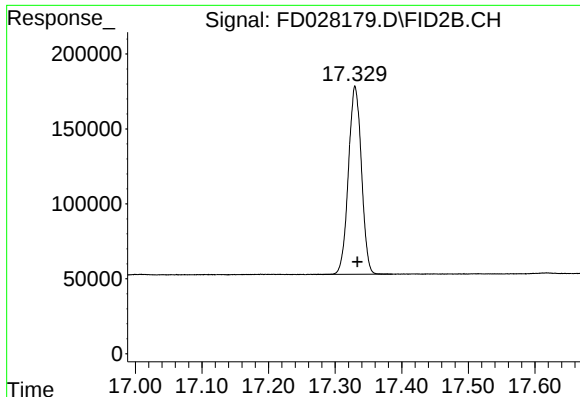
#15 n-Hexacosane (C26)

R.T.: 15.505 min
Delta R.T.: -0.005 min
Response: 1779309
Conc: 17.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.449 min
Delta R.T.: -0.003 min
Response: 1749438
Conc: 17.64 ug/ml



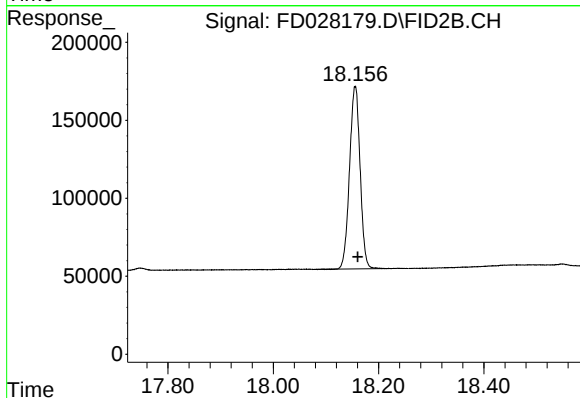
#17 n-Tricontane (C30)

R.T.: 17.330 min
Delta R.T.: -0.003 min
Response: 1706828
Conc: 18.07 ug/ml

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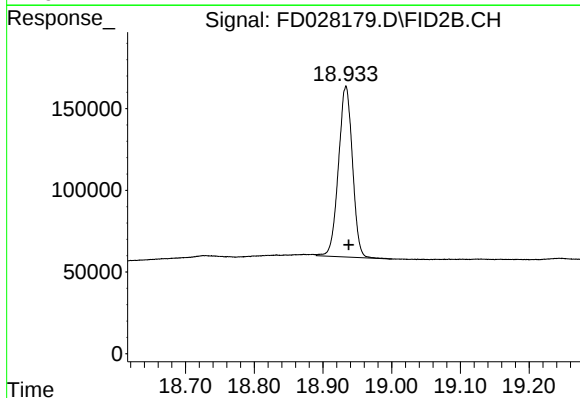
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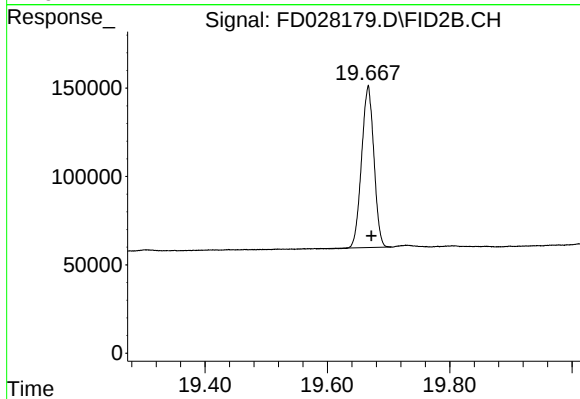
#18 n-Dotriacontane (C32)

R.T.: 18.156 min
Delta R.T.: -0.005 min
Response: 1631111
Conc: 18.91 ug/ml



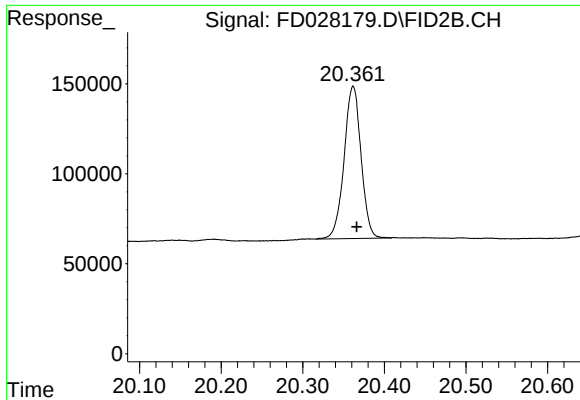
#19 n-Tetratriacontane (C34)

R.T.: 18.933 min
Delta R.T.: -0.004 min
Response: 1478414
Conc: 19.86 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.667 min
Delta R.T.: -0.005 min
Response: 1273887
Conc: 19.77 ug/ml



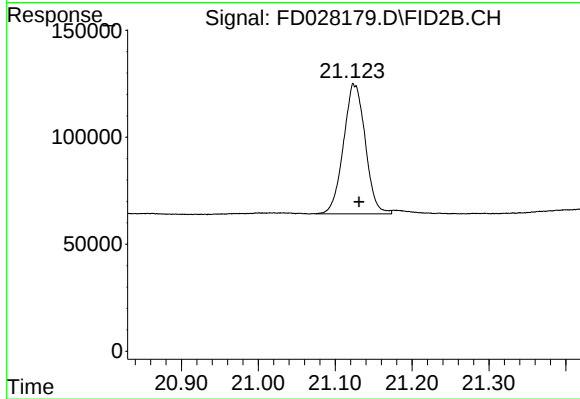
#21 n-Octatriacontane (C38)

R.T.: 20.361 min
Delta R.T.: -0.005 min
Response: 1222994
Conc: 20.30 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.123 min
Delta R.T.: -0.008 min
Response: 1197746
Conc: 20.23 ug/ml m