

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010319AL\
 Data File : FD027083.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jan 2019 11:10
 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 11:41:04 AM

Integration File: sample.E
 Quant Time: Jan 04 01:14:01 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)	11.263	1881947	18.195 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
12) S 1-chlorooctadecane (S...	12.708	1411195	18.060 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
Target Compounds			
1) T n-Nonane (C9)	3.079	1534218	17.114 ug/ml
2) T n-Decane (C10)	4.143	1595490	17.398 ug/ml
3) T A-Naphthalene (C11.7)	5.705	1854215	17.471 ug/ml
4) T n-Dodecane (C12)	6.157	1631596	17.557 ug/ml
5) T A~2-methylnaphthalene...	6.756	1848982	17.412 ug/ml
6) T n-Tetradecane (C14)	7.941	1644102	17.527 ug/ml
7) T n-Hexadecane (C16)	9.533	1638938	17.657 ug/ml
8) T n-Octadecane (C18)	10.968	1638285	18.015 ug/ml
10) T n-Eicosane (C20)	12.271	1657021	18.295 ug/ml
11) T n-Heneicosane (C21)	12.880	1653133	18.414 ug/ml
13) T n-Docosane (C22)	13.463	1662142	18.555 ug/ml
14) T n-Tetracosane (C24)	14.561	1672871	18.775 ug/ml
15) T n-Hexacosane (C26)	15.577	1678240	18.953 ug/ml
16) T n-Octacosane (C28)	16.522	1684696	18.969 ug/ml
17) T n-Tricontane (C30)	17.406	1650485	18.985 ug/ml
18) T n-Dotriacontane (C32)	18.234	1518270	18.778 ug/ml
19) T n-Tetratriacontane (C34)	19.011	1308451	18.577 ug/mlm
20) T n-Hexatriacontane (C36)	19.750	1141766	17.957 ug/ml
21) T n-Octatriacontane (C38)	20.446	1052761	17.219 ug/mlm
22) T n-Tetracontane (C40)	21.237	946414	16.201 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

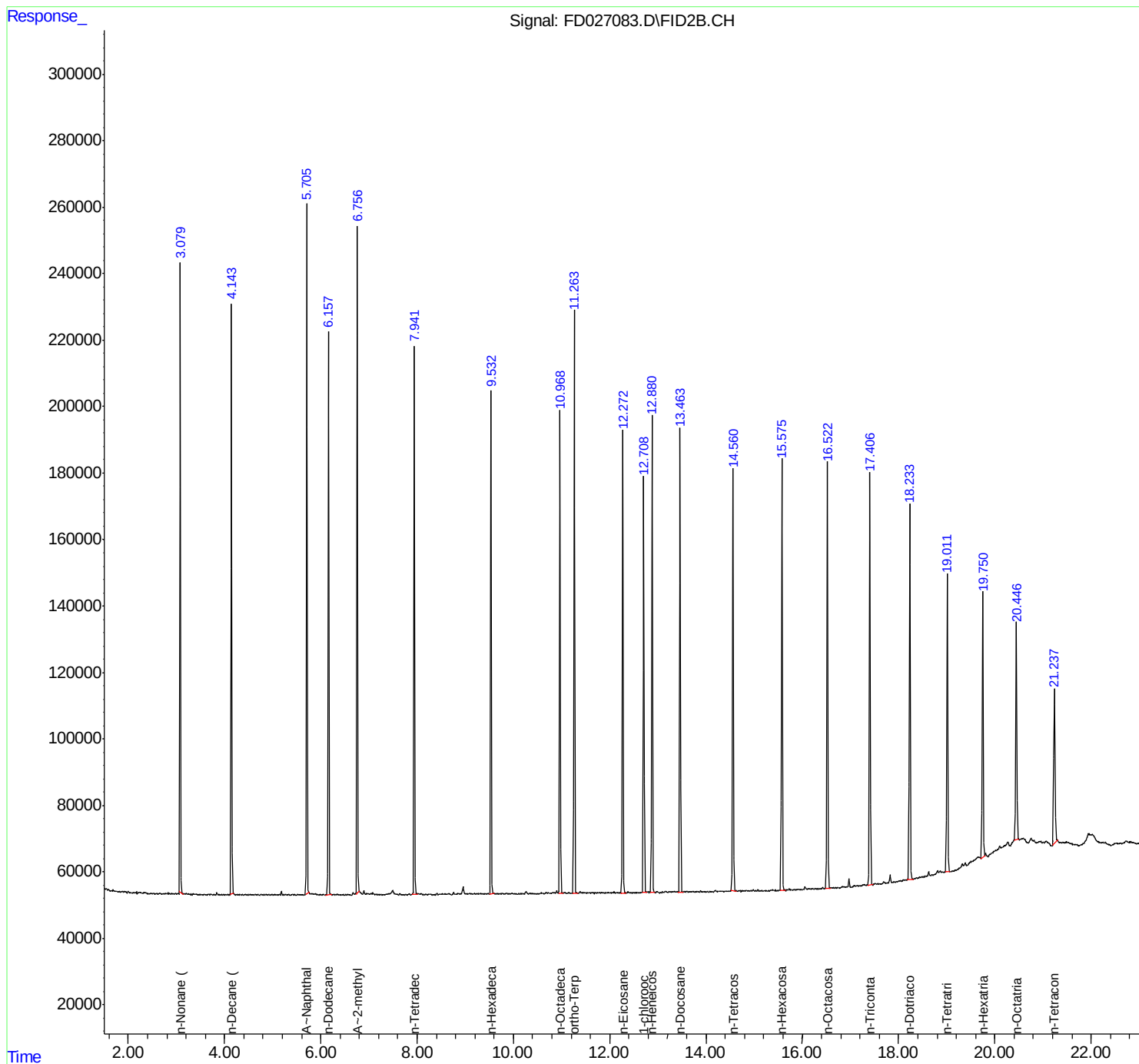
Instrument :
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20 PPM ALIPHATIC HC STD

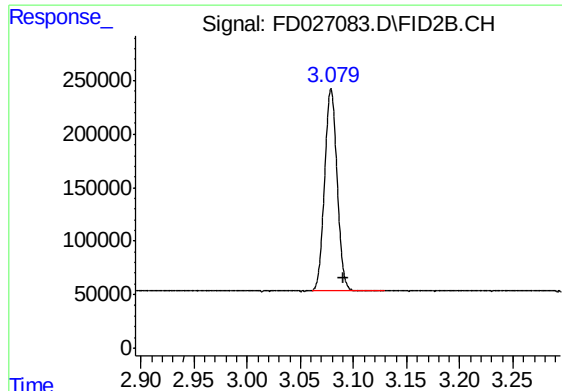
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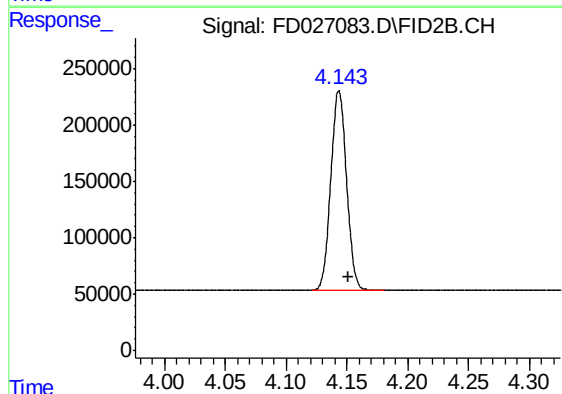
#1 n-Nonane (C9)

R.T.: 3.079 min
Delta R.T.: -0.012 min
Response: 1534218
Conc: 17.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

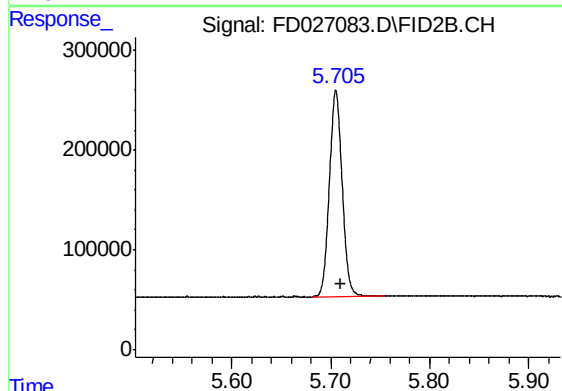
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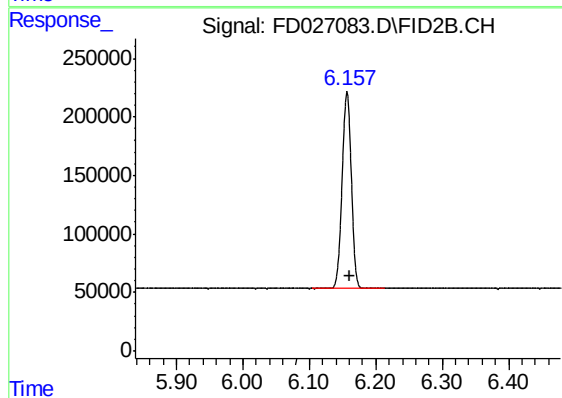
#2 n-Decane (C10)

R.T.: 4.143 min
Delta R.T.: -0.008 min
Response: 1595490
Conc: 17.40 ug/ml



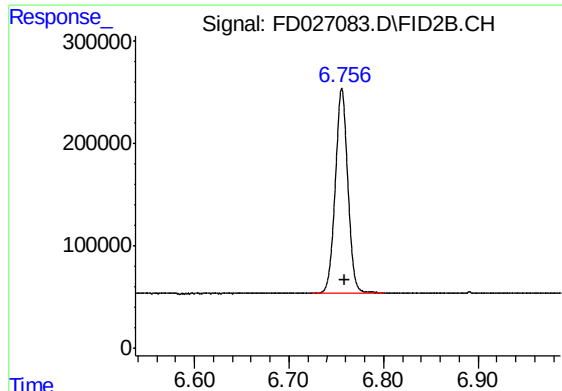
#3 A-Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 1854215
Conc: 17.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 1631596
Conc: 17.56 ug/ml



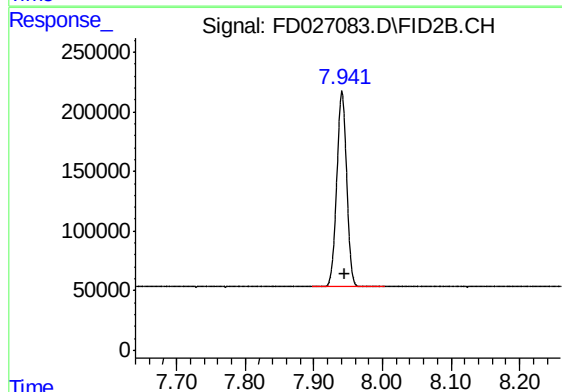
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 1848982
Conc: 17.41 ug/ml

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20 PPM ALIPHATIC HC STD

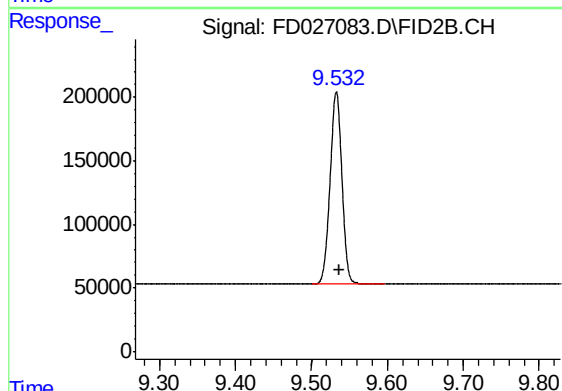
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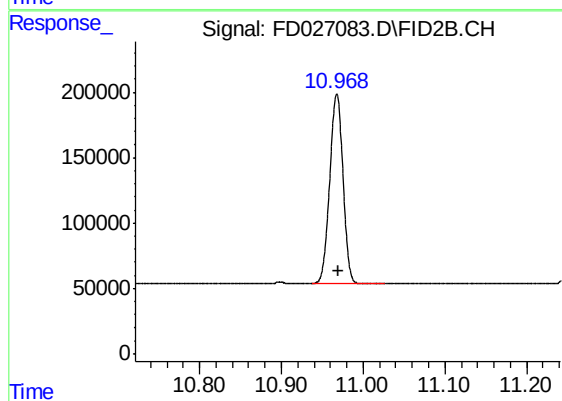
#6 n-Tetradecane (C14)

R.T.: 7.941 min
Delta R.T.: -0.003 min
Response: 1644102
Conc: 17.53 ug/ml



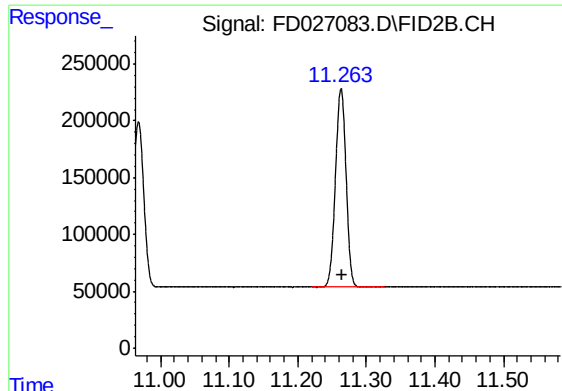
#7 n-Hexadecane (C16)

R.T.: 9.533 min
Delta R.T.: -0.004 min
Response: 1638938
Conc: 17.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.968 min
Delta R.T.: -0.002 min
Response: 1638285
Conc: 18.01 ug/ml



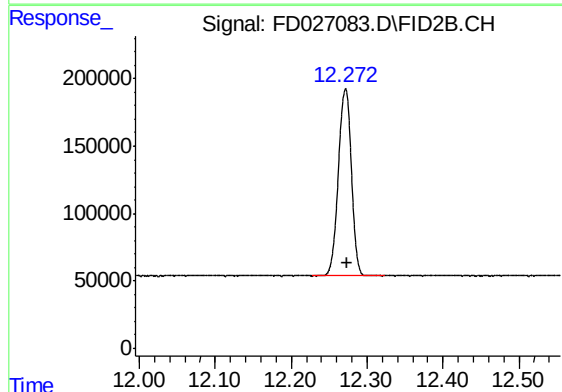
#9 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: -0.002 min
Response: 1881947
Conc: 18.20 ug/ml

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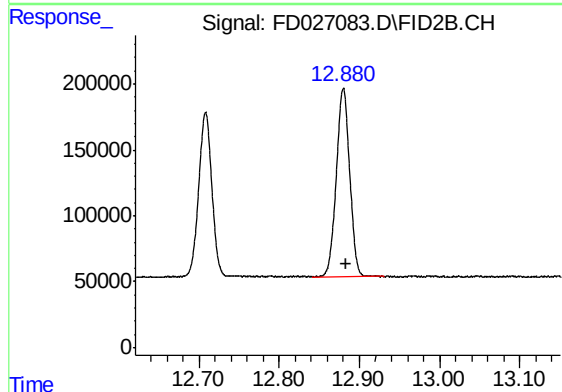
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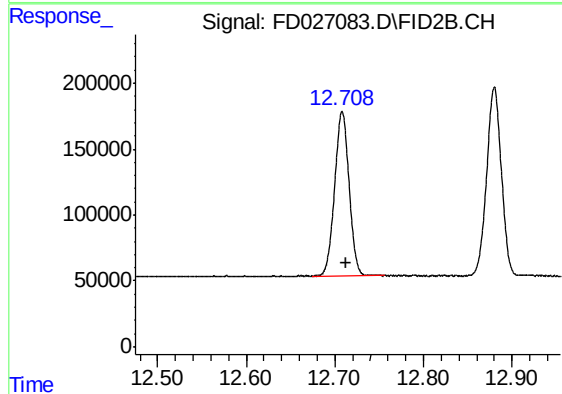
#10 n-Eicosane (C20)

R.T.: 12.271 min
Delta R.T.: -0.003 min
Response: 1657021
Conc: 18.29 ug/ml



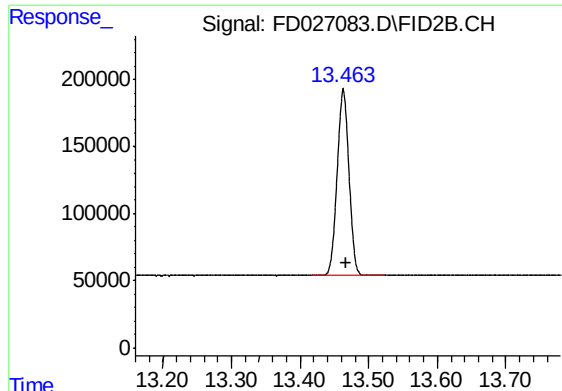
#11 n-Heneicosane (C21)

R.T.: 12.880 min
Delta R.T.: -0.003 min
Response: 1653133
Conc: 18.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.708 min
Delta R.T.: -0.004 min
Response: 1411195
Conc: 18.06 ug/ml



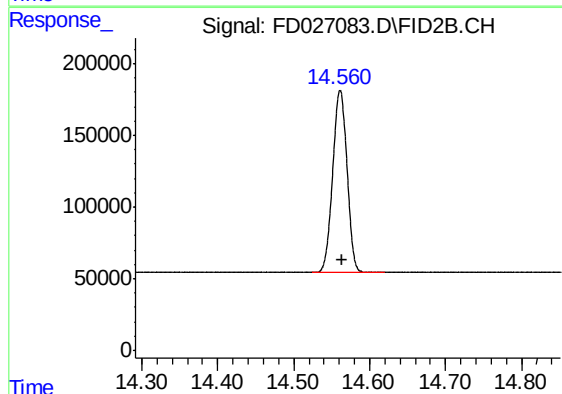
#13 n-Docosane (C22)

R.T.: 13.463 min
Delta R.T.: -0.004 min
Response: 1662142
Conc: 18.55 ug/ml

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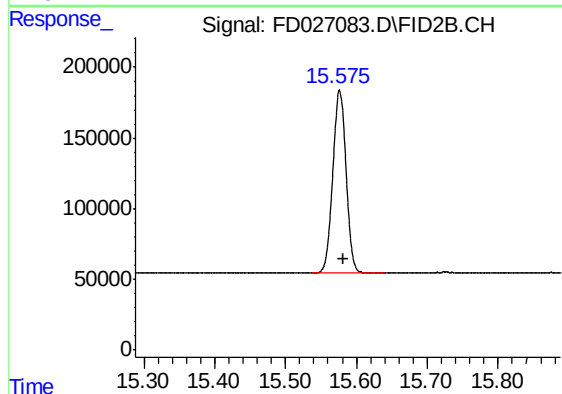
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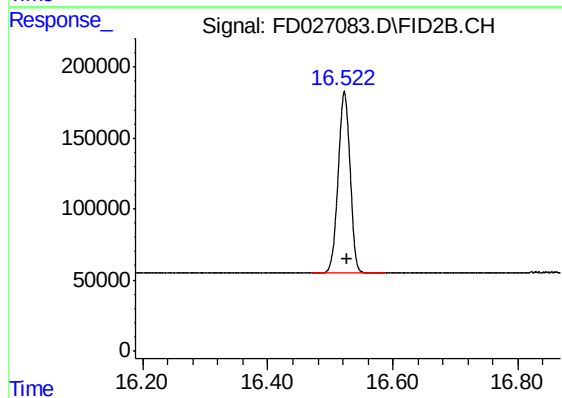
#14 n-Tetracosane (C24)

R.T.: 14.561 min
Delta R.T.: -0.003 min
Response: 1672871
Conc: 18.77 ug/ml



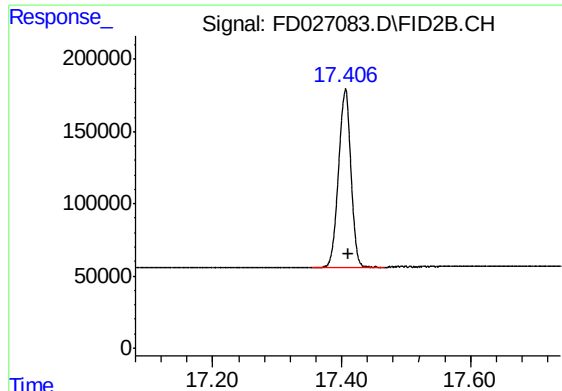
#15 n-Hexacosane (C26)

R.T.: 15.577 min
Delta R.T.: -0.004 min
Response: 1678240
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.522 min
Delta R.T.: -0.004 min
Response: 1684696
Conc: 18.97 ug/ml



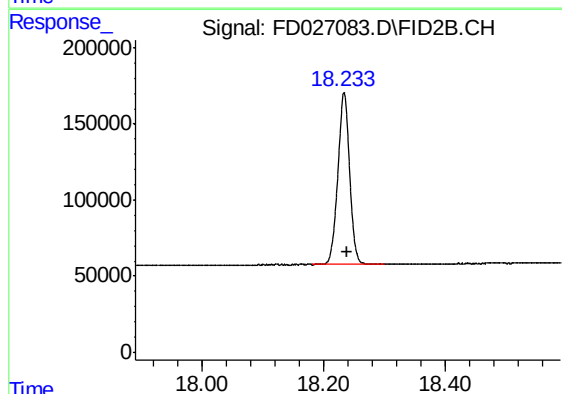
#17 n-Tricontane (C30)

R.T.: 17.406 min
Delta R.T.: -0.005 min
Response: 1650485
Conc: 18.98 ug/ml

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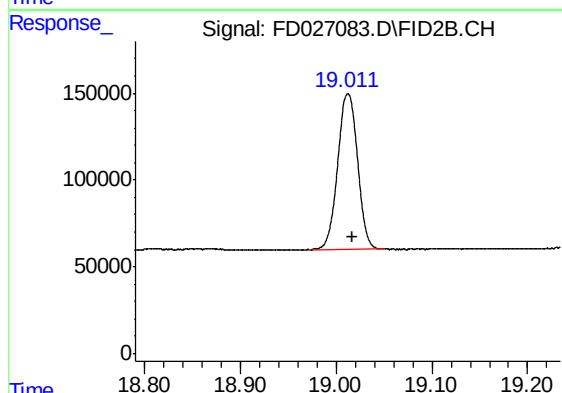
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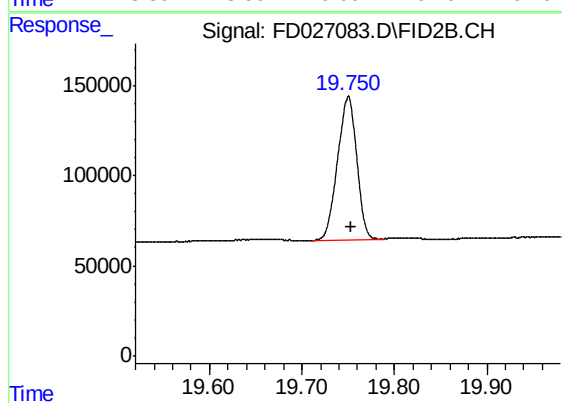
#18 n-Dotriacontane (C32)

R.T.: 18.234 min
Delta R.T.: -0.005 min
Response: 1518270
Conc: 18.78 ug/ml



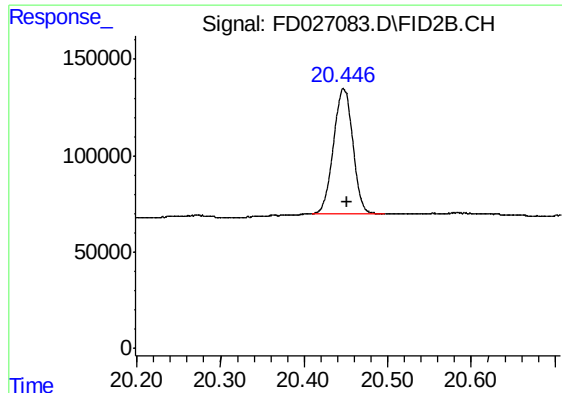
#19 n-Tetratriacontane (C34)

R.T.: 19.011 min
Delta R.T.: -0.006 min
Response: 1308451
Conc: 18.58 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.750 min
Delta R.T.: -0.003 min
Response: 1141766
Conc: 17.96 ug/ml



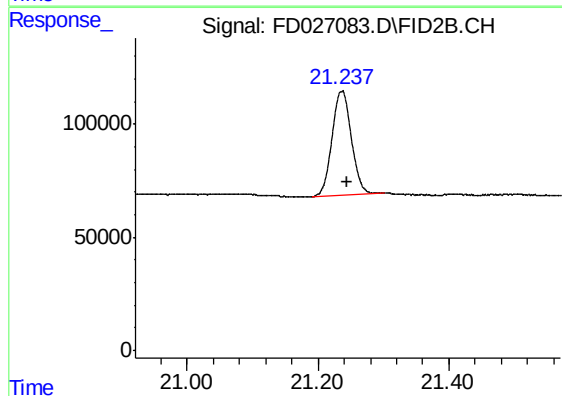
#21 n-Octatriacontane (C38)

R.T.: 20.446 min
Delta R.T.: -0.006 min
Response: 1052761
Conc: 17.22 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.237 min
Delta R.T.: -0.008 min
Response: 946414
Conc: 16.20 ug/ml