

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121018AL\
 Data File : FD026792.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2018 16:27
 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
 12/11/2018 12:09:00 PM

Integration File: sample.E
 Quant Time: Dec 11 02:20:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 111518.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 16 08:39:32 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)	11.274	1800642	21.339 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
12) S 1-chlorooctadecane (S...	12.719	1358113	22.603 ug/ml
Spiked Amount 50.000		Recovery =	45.21%
Target Compounds			
1) T n-Nonane (C9)	3.093	1568530	20.003 ug/ml
2) T n-Decane (C10)	4.154	1607337	20.500 ug/ml
3) T A-Naphthalene (C11.7)	5.713	1826672	20.172 ug/ml
4) T n-Dodecane (C12)	6.165	1613150	21.226 ug/ml
5) T A~2-methylnaphthalene...	6.765	1828397	20.406 ug/ml
6) T n-Tetradecane (C14)	7.950	1619071	21.698 ug/ml
7) T n-Hexadecane (C16)	9.543	1600148	22.168 ug/ml
8) T n-Octadecane (C18)	10.977	1581877	23.115 ug/mlm
10) T n-Eicosane (C20)	12.281	1577999	23.025 ug/ml
11) T n-Heneicosane (C21)	12.891	1569217	23.388 ug/ml
13) T n-Docosane (C22)	13.474	1575836	23.526 ug/ml
14) T n-Tetracosane (C24)	14.572	1576019	23.501 ug/ml
15) T n-Hexacosane (C26)	15.589	1567134	23.393 ug/ml
16) T n-Octacosane (C28)	16.534	1571552	23.046 ug/ml
17) T n-Tricontane (C30)	17.418	1551014	22.675 ug/ml
18) T n-Dotriacontane (C32)	18.247	1462541	22.407 ug/ml
19) T n-Tetratriacontane (C34)	19.025	1284999	22.466 ug/ml
20) T n-Hexatriacontane (C36)	19.763	1132778	22.995 ug/ml
21) T n-Octatriacontane (C38)	20.462	1100662	23.248 ug/ml
22) T n-Tetracontane (C40)	21.255	1086668	24.429 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
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ALS Vial : 52 Sample Multiplier: 1

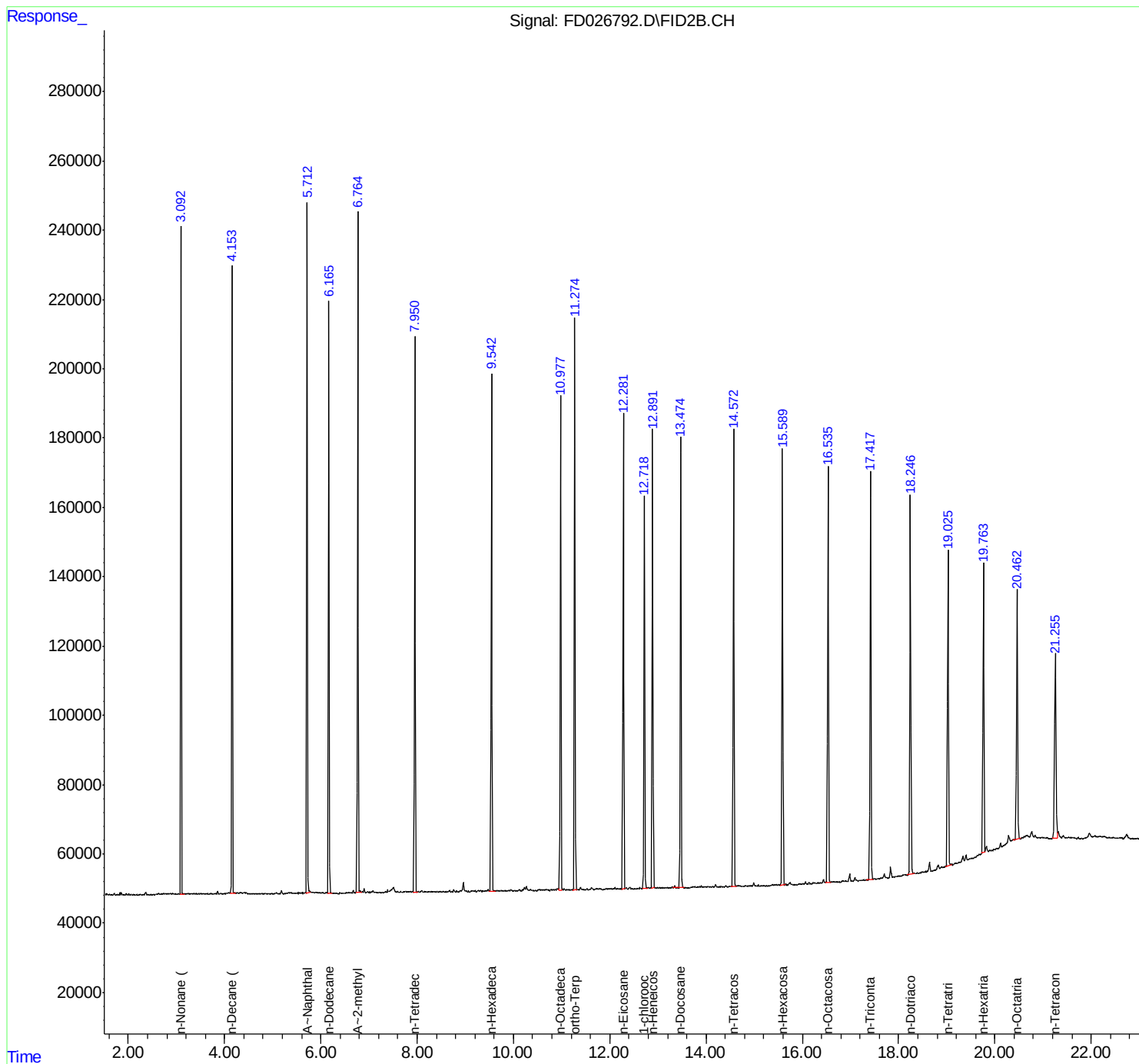
Instrument :
FID_D
ClientSampled :
20 PPM ALIPHATIC HC STD

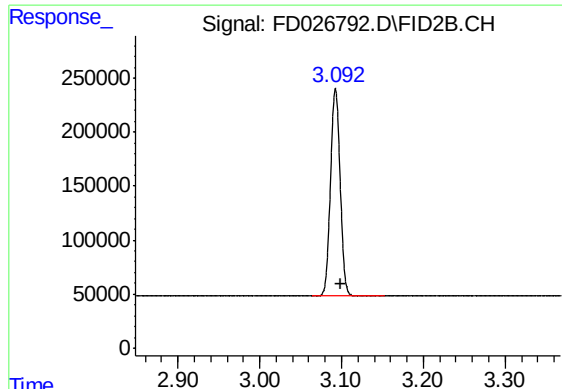
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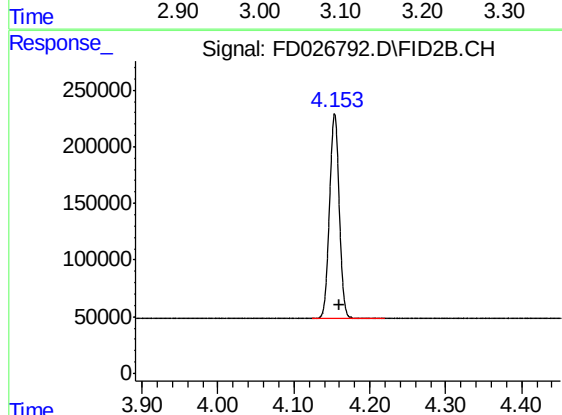
#1 n-Nonane (C9)

R.T.: 3.093 min
Delta R.T.: -0.006 min
Response: 1568530
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

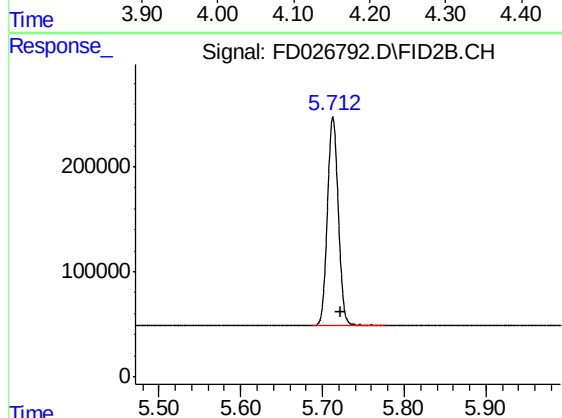
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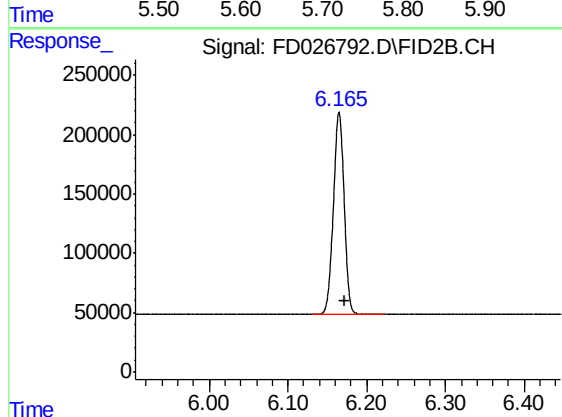
#2 n-Decane (C10)

R.T.: 4.154 min
Delta R.T.: -0.007 min
Response: 1607337
Conc: 20.50 ug/ml



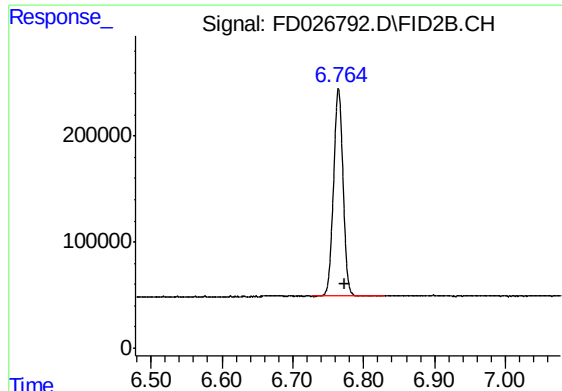
#3 A~Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: -0.009 min
Response: 1826672
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.165 min
Delta R.T.: -0.007 min
Response: 1613150
Conc: 21.23 ug/ml



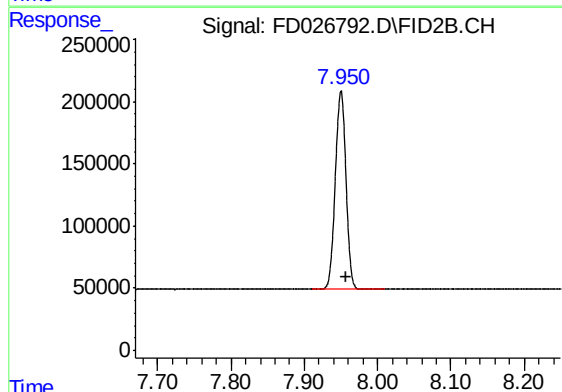
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.008 min
Response: 1828397
Conc: 20.41 ug/ml

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20 PPM ALIPHATIC HC STD

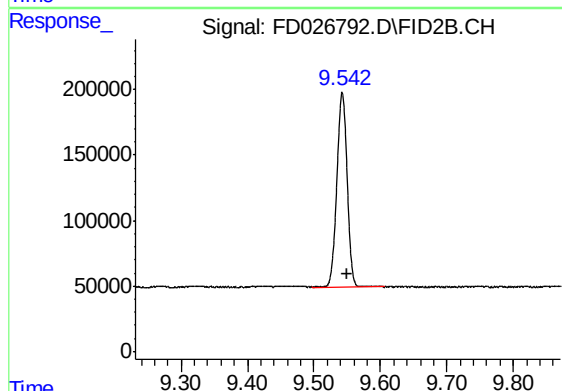
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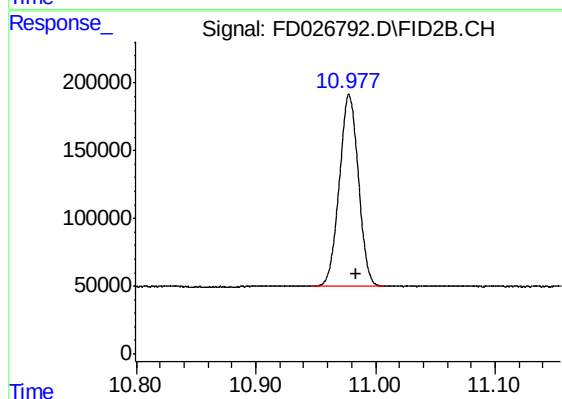
#6 n-Tetradecane (C14)

R.T.: 7.950 min
Delta R.T.: -0.007 min
Response: 1619071
Conc: 21.70 ug/ml



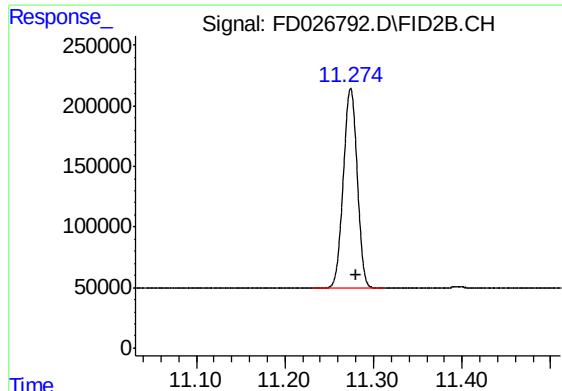
#7 n-Hexadecane (C16)

R.T.: 9.543 min
Delta R.T.: -0.008 min
Response: 1600148
Conc: 22.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: -0.007 min
Response: 1581877
Conc: 23.12 ug/ml m



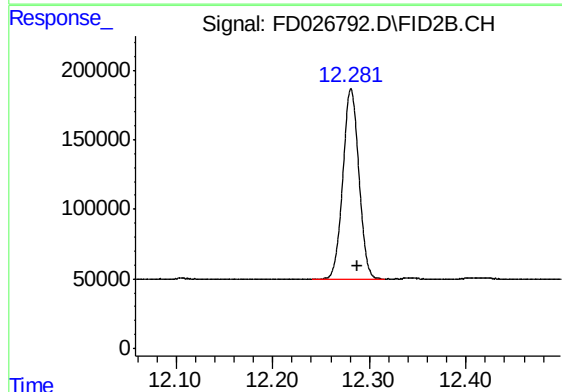
#9 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.007 min
Response: 1800642
Conc: 21.34 ug/ml

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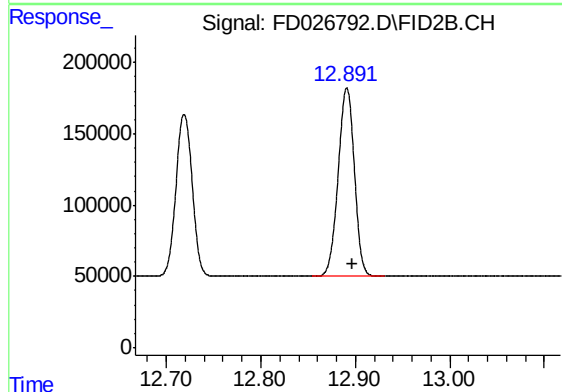
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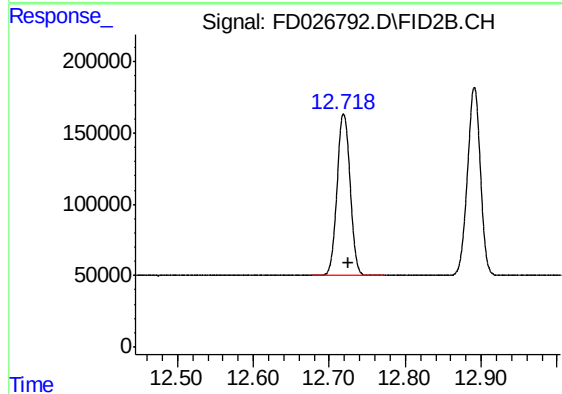
#10 n-Eicosane (C20)

R.T.: 12.281 min
Delta R.T.: -0.007 min
Response: 1577999
Conc: 23.03 ug/ml



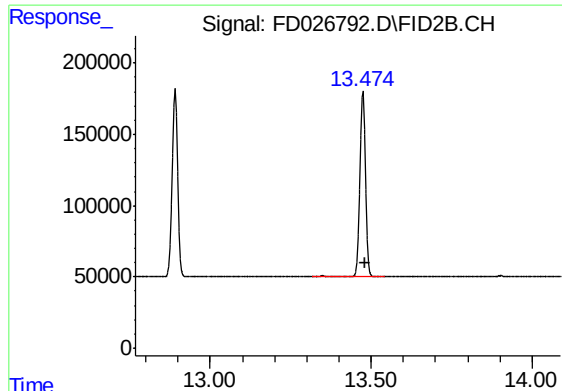
#11 n-Heneicosane (C21)

R.T.: 12.891 min
Delta R.T.: -0.006 min
Response: 1569217
Conc: 23.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.719 min
Delta R.T.: -0.007 min
Response: 1358113
Conc: 22.60 ug/ml



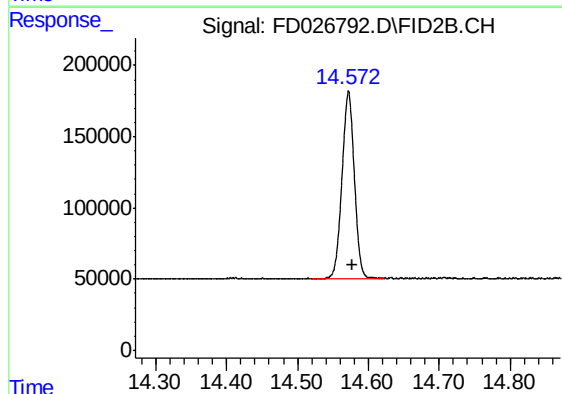
#13 n-Docosane (C22)

R.T.: 13.474 min
Delta R.T.: -0.007 min
Response: 1575836
Conc: 23.53 ug/ml

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20 PPM ALIPHATIC HC STD

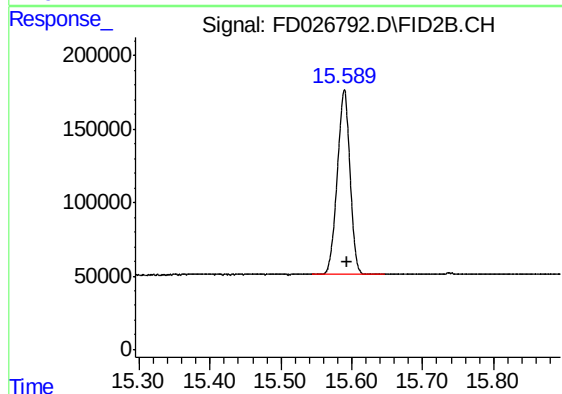
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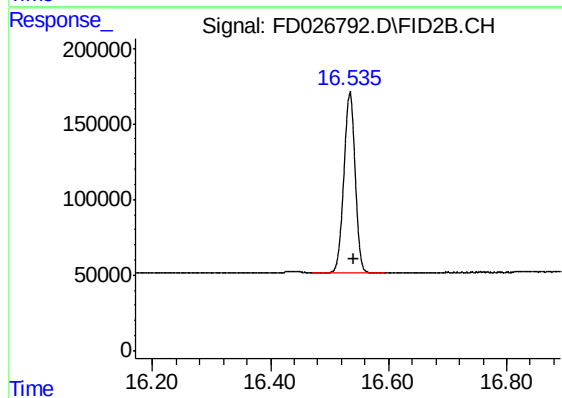
#14 n-Tetracosane (C24)

R.T.: 14.572 min
Delta R.T.: -0.006 min
Response: 1576019
Conc: 23.50 ug/ml



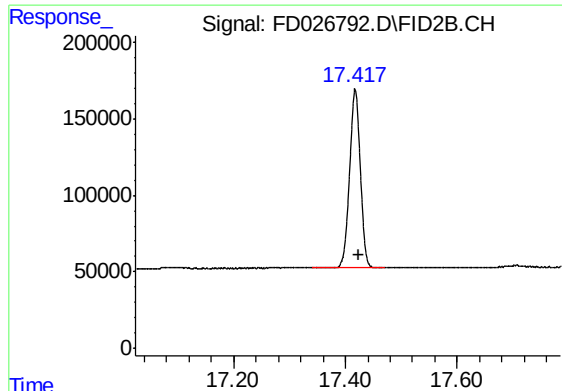
#15 n-Hexacosane (C26)

R.T.: 15.589 min
Delta R.T.: -0.004 min
Response: 1567134
Conc: 23.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.534 min
Delta R.T.: -0.005 min
Response: 1571552
Conc: 23.05 ug/ml



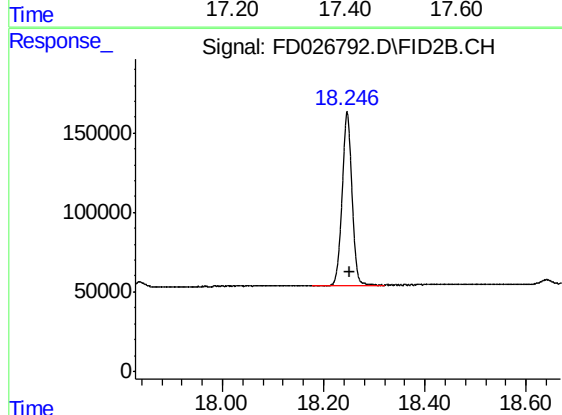
#17 n-Tricontane (C30)

R.T.: 17.418 min
Delta R.T.: -0.005 min
Response: 1551014
Conc: 22.68 ug/ml

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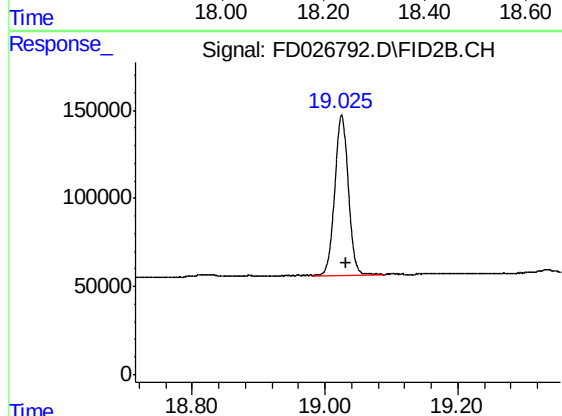
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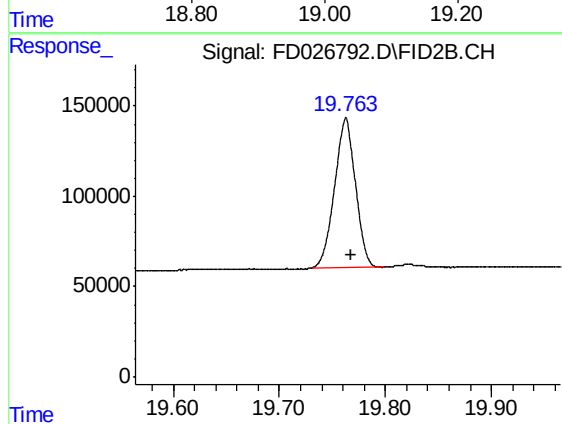
#18 n-Dotriacontane (C32)

R.T.: 18.247 min
Delta R.T.: -0.004 min
Response: 1462541
Conc: 22.41 ug/ml



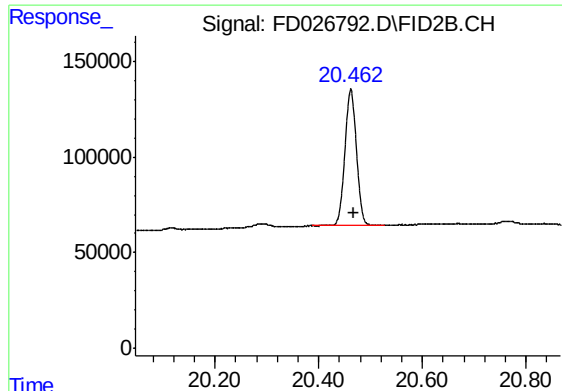
#19 n-Tetatriacontane (C34)

R.T.: 19.025 min
Delta R.T.: -0.006 min
Response: 1284999
Conc: 22.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.763 min
Delta R.T.: -0.005 min
Response: 1132778
Conc: 22.99 ug/ml



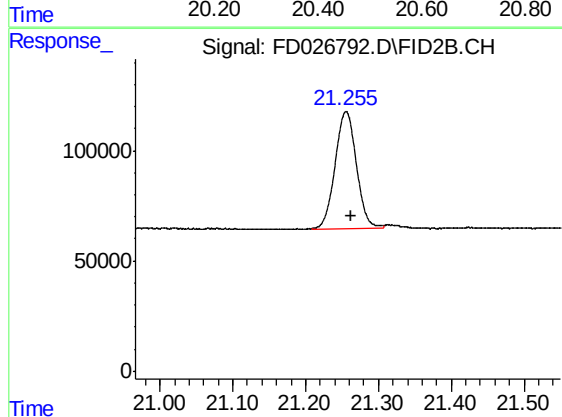
#21 n-Octatriacontane (C38)

R.T.: 20.462 min
Delta R.T.: -0.005 min
Response: 1100662
Conc: 23.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.255 min
Delta R.T.: -0.008 min
Response: 1086668
Conc: 24.43 ug/ml m