

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121318AL\
 Data File : FD026891.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2018 22:59
 Operator : AJ\SJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Dec 14 04:06:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 121318.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 14 03:50:00 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)	11.265	590768	5.712 ug/ml
Spiked Amount 50.000		Recovery =	11.42%
12) S 1-chlorooctadecane (S...	12.712	444130	5.684 ug/ml
Spiked Amount 50.000		Recovery =	11.37%
Target Compounds			
1) T n-Nonane (C9)	3.091	497314	5.547 ug/ml
2) T n-Decane (C10)	4.151	506569	5.524 ug/ml
3) T A~Naphthalene (C11.7)	5.710	591618	5.574 ug/ml
4) T n-Dodecane (C12)	6.160	513783	5.529 ug/ml
5) T A~2-methylnaphthalene...	6.759	588798	5.545 ug/ml
6) T n-Tetradecane (C14)	7.944	522714	5.572 ug/ml
7) T n-Hexadecane (C16)	9.537	525252	5.659 ug/ml
8) T n-Octadecane (C18)	10.970	515339	5.667 ug/ml
10) T n-Eicosane (C20)	12.274	517808	5.717 ug/ml
11) T n-Heneicosane (C21)	12.883	513751	5.723 ug/ml
13) T n-Docosane (C22)	13.467	513834	5.736 ug/ml
14) T n-Tetracosane (C24)	14.565	510210	5.726 ug/ml
15) T n-Hexacosane (C26)	15.581	506601	5.721 ug/ml
16) T n-Octacosane (C28)	16.526	511584	5.760 ug/ml
17) T n-Tricontane (C30)	17.410	502691	5.782 ug/ml
18) T n-Dotriacontane (C32)	18.238	470433	5.818 ug/ml
19) T n-Tetratriacontane (C34)	19.017	406036	5.765 ug/ml
20) T n-Hexatriacontane (C36)	19.753	363288	5.713 ug/ml
21) T n-Octatriacontane (C38)	20.452	347146	5.678 ug/ml
22) T n-Tetracontane (C40)	21.244	320867	5.493 ug/ml

(f)=RT Delta > 1/2 Window

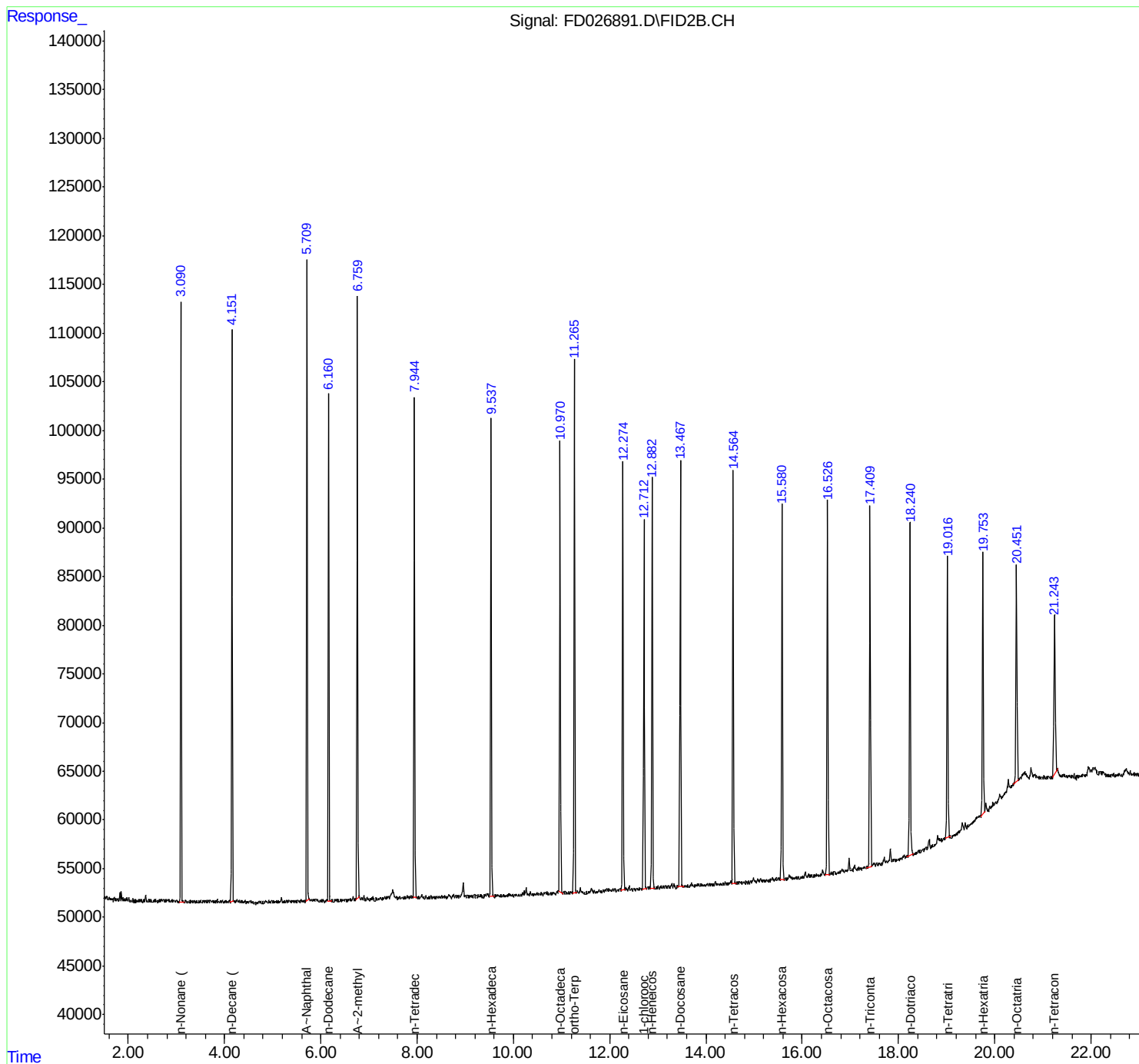
(m)=manual int.

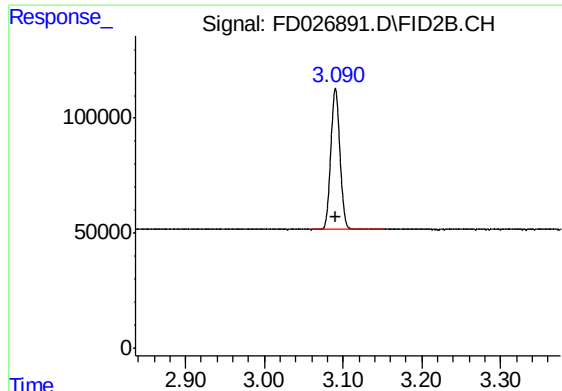
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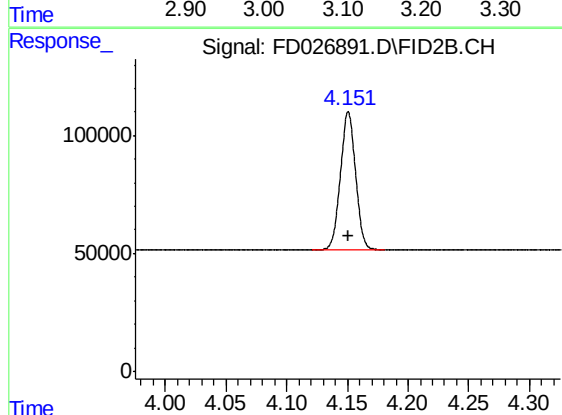




#1 n-Nonane (C9)

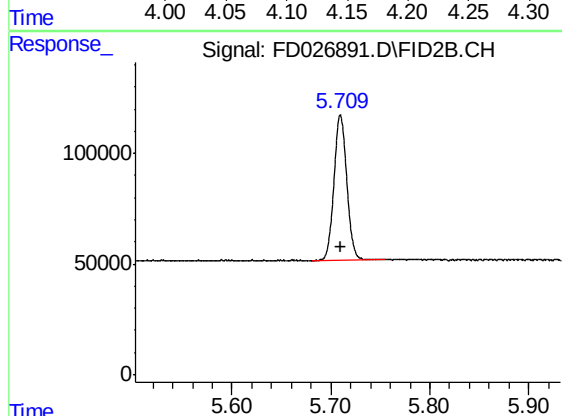
R.T.: 3.091 min
Delta R.T.: 0.000 min
Response: 497314
Conc: 5.55 ug/ml

Instrument :
FID_D
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5 PPM ALIPHATIC HC STD5



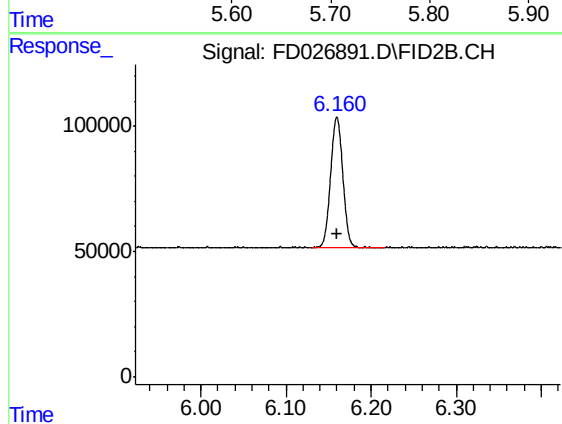
#2 n-Decane (C10)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 506569
Conc: 5.52 ug/ml



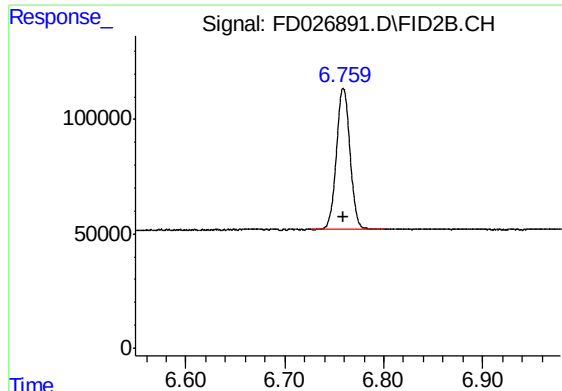
#3 A~Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 591618
Conc: 5.57 ug/ml



#4 n-Dodecane (C12)

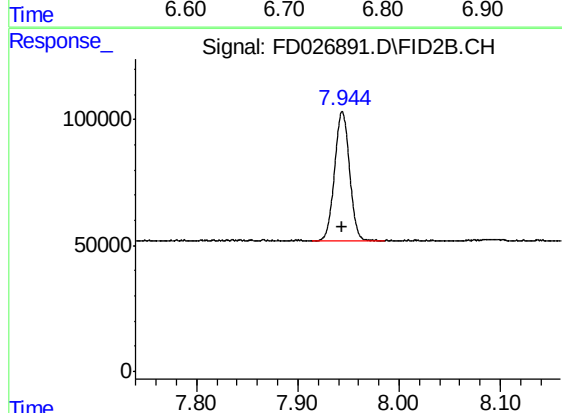
R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 513783
Conc: 5.53 ug/ml



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

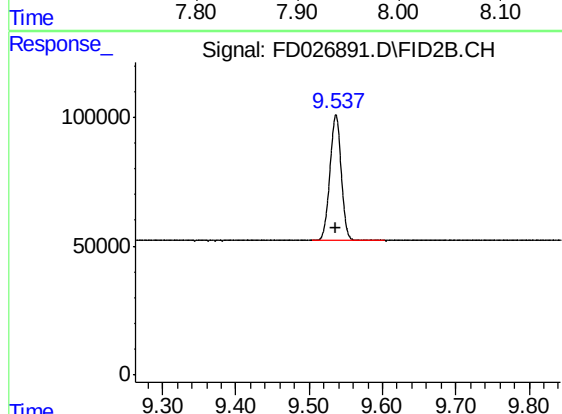
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 588798
Conc: 5.54 ug/ml

Instrument :
FID_D
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5 PPM ALIPHATIC HC STD5



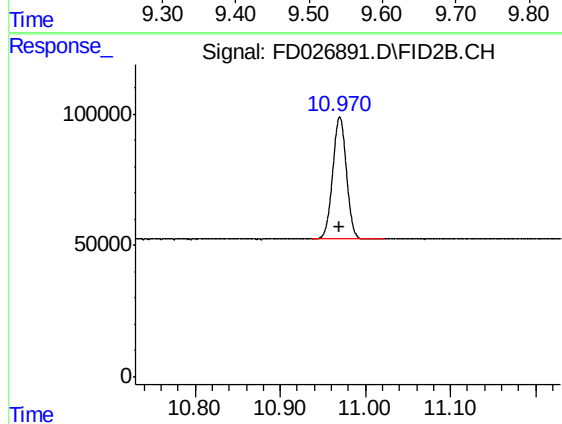
#6 n-Tetradecane (C14)

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 522714
Conc: 5.57 ug/ml



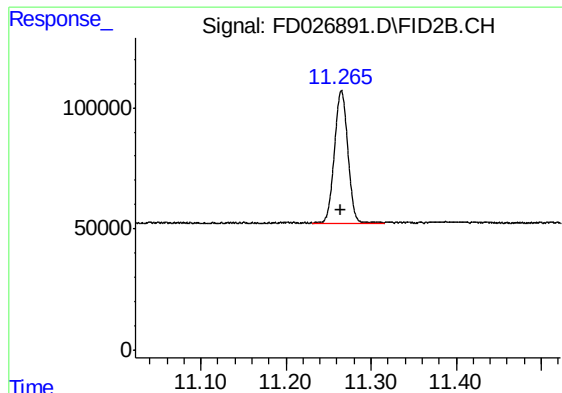
#7 n-Hexadecane (C16)

R.T.: 9.537 min
Delta R.T.: 0.000 min
Response: 525252
Conc: 5.66 ug/ml



#8 n-Octadecane (C18)

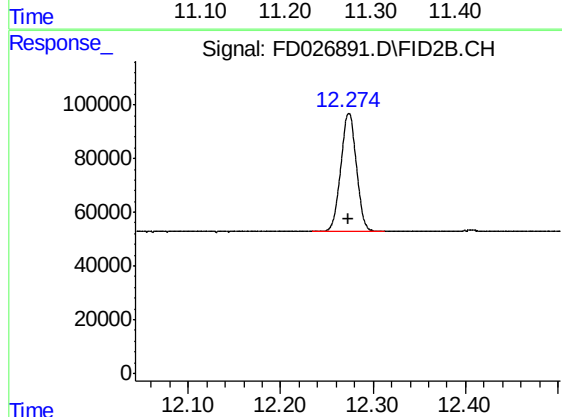
R.T.: 10.970 min
Delta R.T.: 0.000 min
Response: 515339
Conc: 5.67 ug/ml



#9 ortho-Terphenyl (SURR)

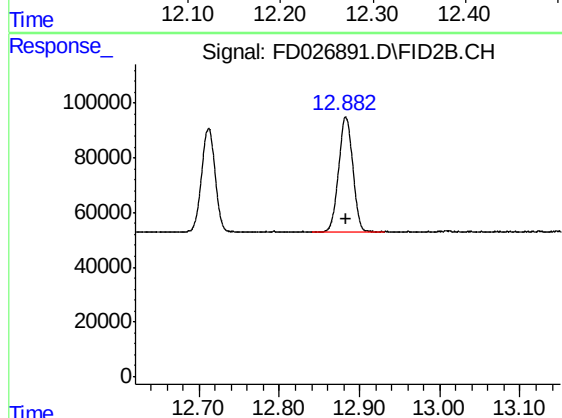
R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 590768
Conc: 5.71 ug/ml

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ClientSampleId :
5 PPM ALIPHATIC HC STD5



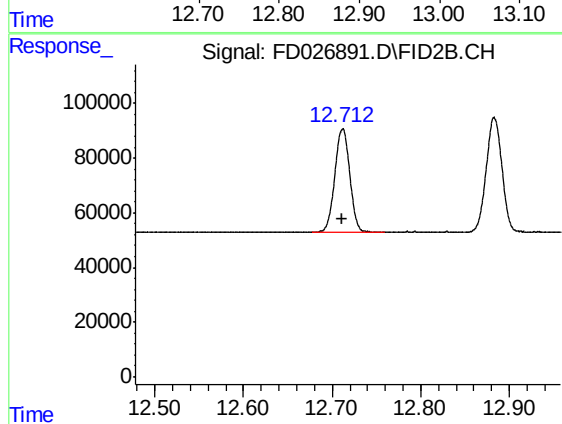
#10 n-Eicosane (C20)

R.T.: 12.274 min
Delta R.T.: 0.000 min
Response: 517808
Conc: 5.72 ug/ml



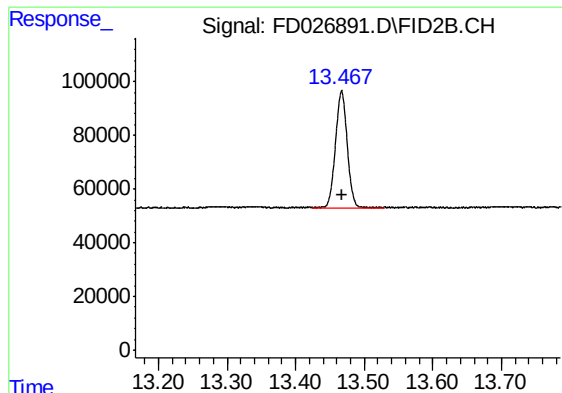
#11 n-Heneicosane (C21)

R.T.: 12.883 min
Delta R.T.: 0.000 min
Response: 513751
Conc: 5.72 ug/ml



#12 1-chlorooctadecane (SURR)

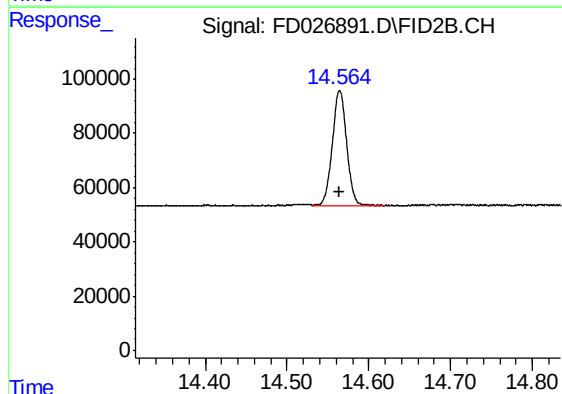
R.T.: 12.712 min
Delta R.T.: 0.000 min
Response: 444130
Conc: 5.68 ug/ml



#13 n-Docosane (C22)

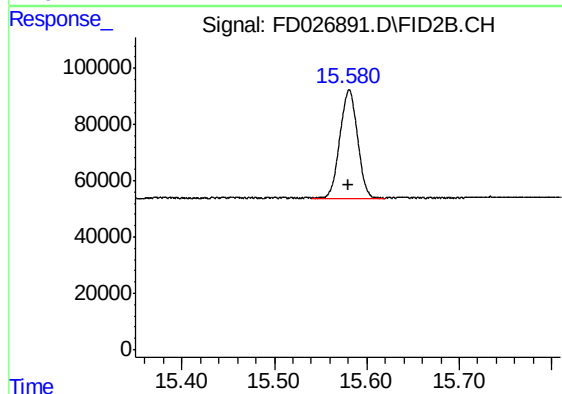
R.T.: 13.467 min
Delta R.T.: 0.000 min
Response: 513834
Conc: 5.74 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



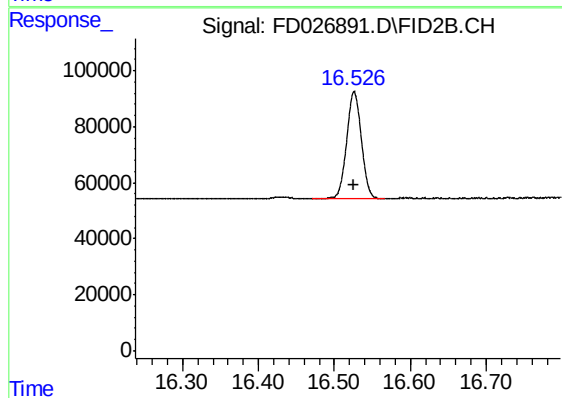
#14 n-Tetracosane (C24)

R.T.: 14.565 min
Delta R.T.: 0.000 min
Response: 510210
Conc: 5.73 ug/ml



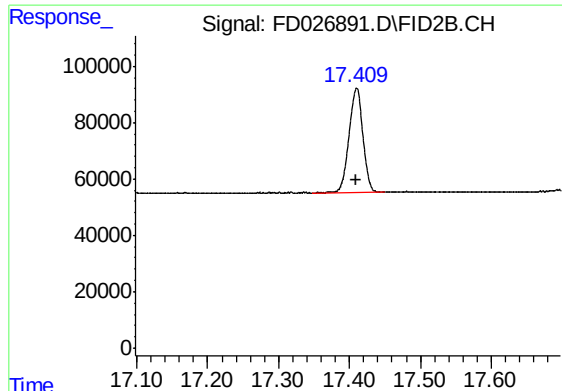
#15 n-Hexacosane (C26)

R.T.: 15.581 min
Delta R.T.: 0.000 min
Response: 506601
Conc: 5.72 ug/ml



#16 n-Octacosane (C28)

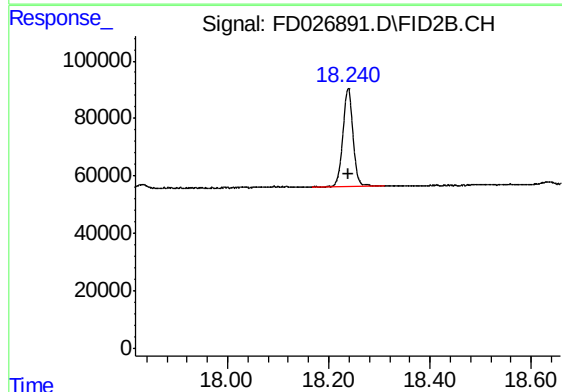
R.T.: 16.526 min
Delta R.T.: 0.000 min
Response: 511584
Conc: 5.76 ug/ml



#17 n-Tricontane (C30)

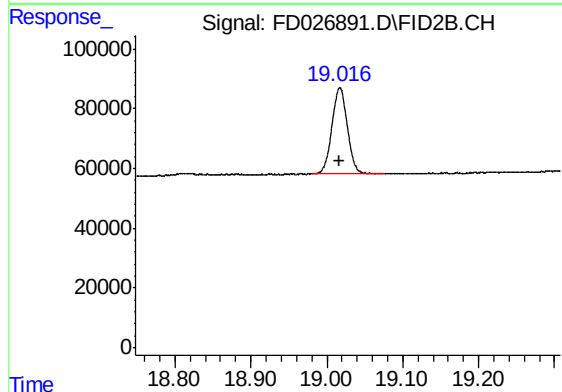
R.T.: 17.410 min
Delta R.T.: 0.000 min
Response: 502691
Conc: 5.78 ug/ml

Instrument :
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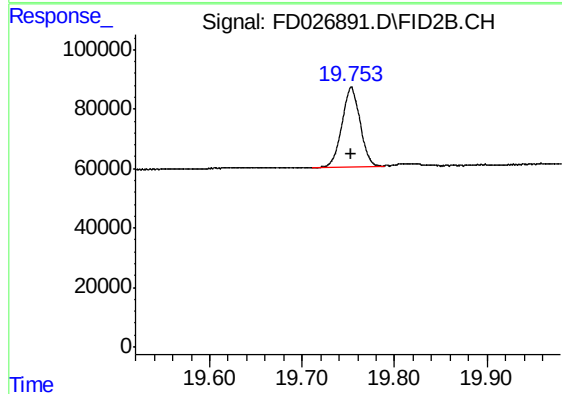
#18 n-Dotriacontane (C32)

R.T.: 18.238 min
Delta R.T.: 0.000 min
Response: 470433
Conc: 5.82 ug/ml



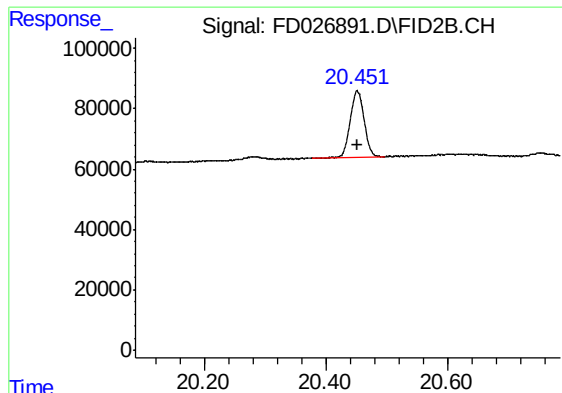
#19 n-Tetatriacontane (C34)

R.T.: 19.017 min
Delta R.T.: 0.000 min
Response: 406036
Conc: 5.76 ug/ml



#20 n-Hexatriacontane (C36)

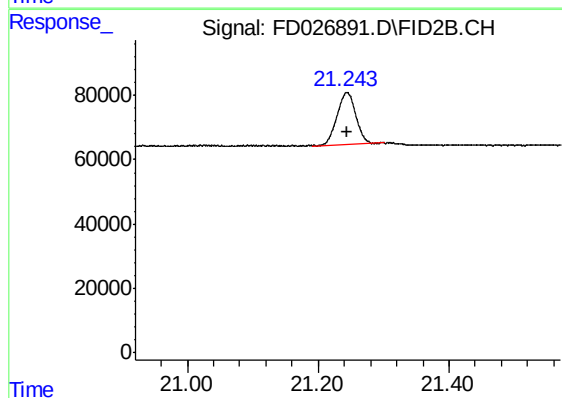
R.T.: 19.753 min
Delta R.T.: 0.000 min
Response: 363288
Conc: 5.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.452 min
Delta R.T.: 0.000 min
Response: 347146
Conc: 5.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.244 min
Delta R.T.: 0.000 min
Response: 320867
Conc: 5.49 ug/ml