

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048446.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 13:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 10 13:48:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 13:47:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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	4110729	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.706	3121463	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.126	3462081	20.000 ug/ml
2) T n-Decane (C10)	4.171	3581427	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.719	3909361	20.000 ug/ml
4) T n-Dodecane (C12)	6.165	3625136	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.765	3791451	20.000 ug/ml
6) T n-Tetradecane (C14)	7.946	3604222	20.000 ug/ml
7) T n-Hexadecane (C16)	9.535	3739992	20.000 ug/ml
8) T n-Octadecane (C18)	10.967	3777074	20.000 ug/ml
10) T n-Eicosane (C20)	12.268	3620374	20.000 ug/ml
11) T n-Heneicosane (C21)	12.876	3555315	20.000 ug/ml
13) T n-Docosane (C22)	13.459	3549279	20.000 ug/ml
14) T n-Tetracosane (C24)	14.555	3523874	20.000 ug/ml
15) T n-Hexacosane (C26)	15.570	3416215	20.000 ug/ml
16) T n-Octacosane (C28)	16.515	3384178	20.000 ug/ml
17) T n-Tricontane (C30)	17.397	3520520	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.224	3460142	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.003	3029543	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.738	2559211	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.435	2492172	20.000 ug/ml
22) T n-Tetracontane (C40)	21.217	2402874	20.000 ug/ml

(f)=RT Delta > 1/2 Window

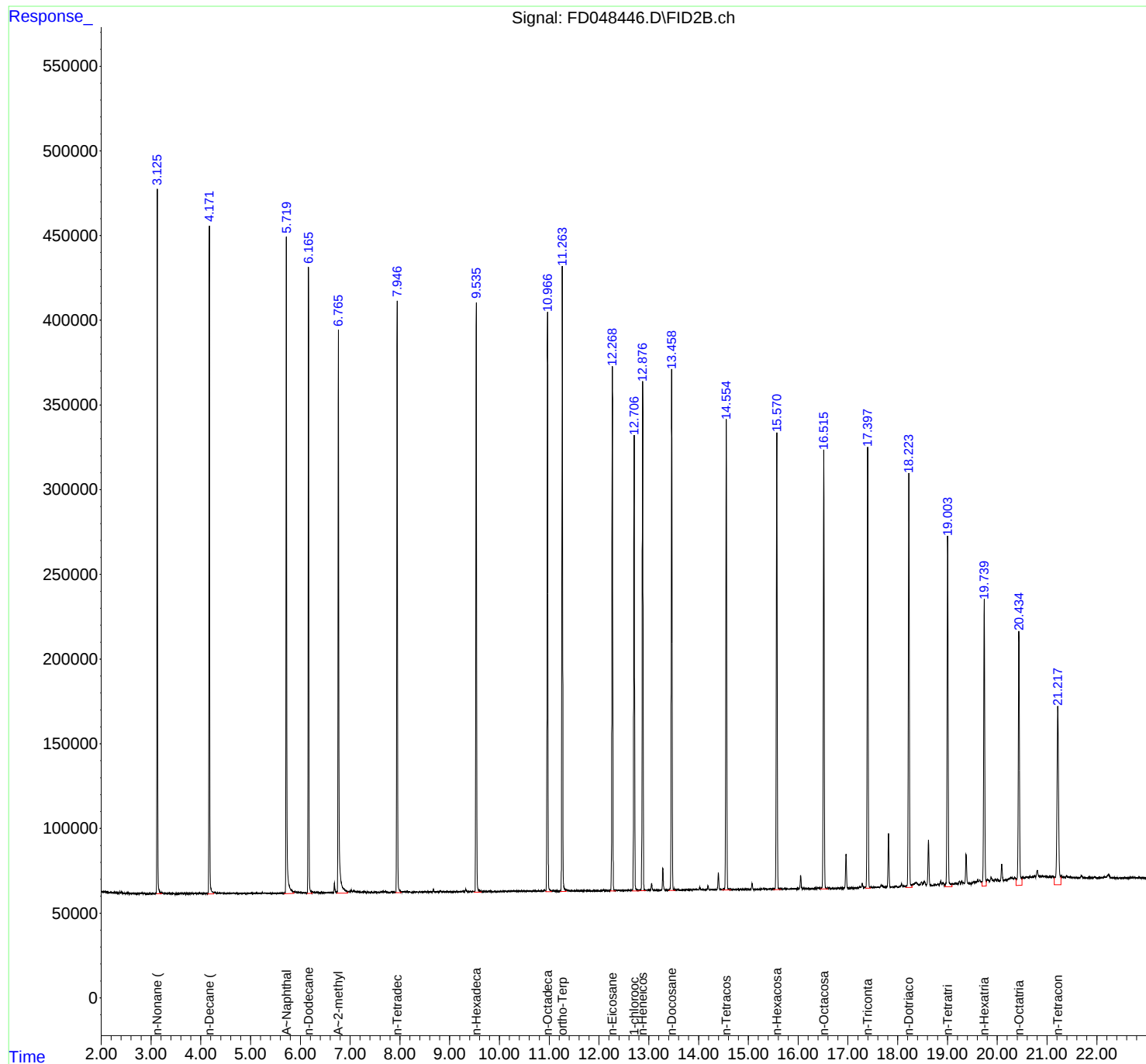
(m)=manual int.

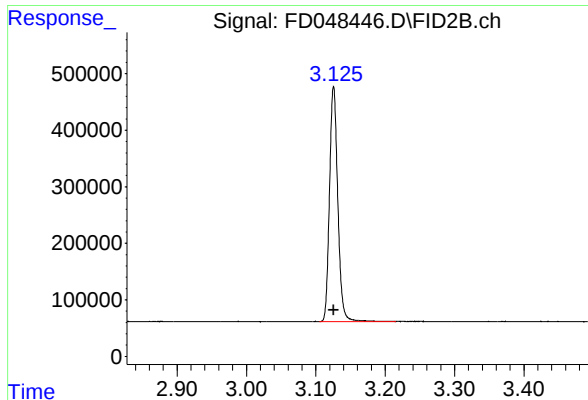
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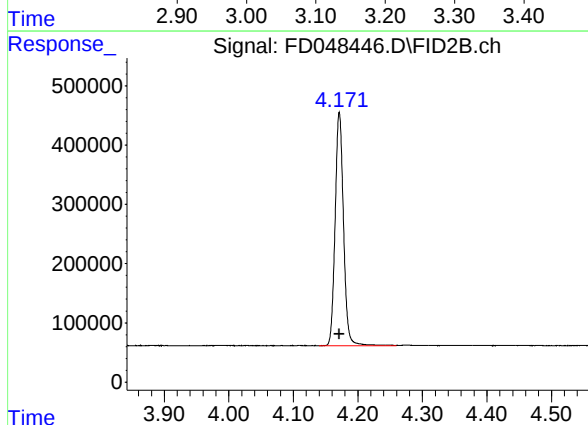




#1 n-Nonane (C9)

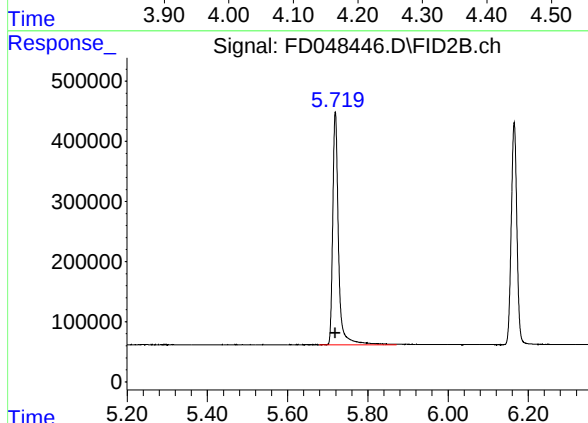
R.T.: 3.126 min
Delta R.T.: 0.000 min
Response: 3462081
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



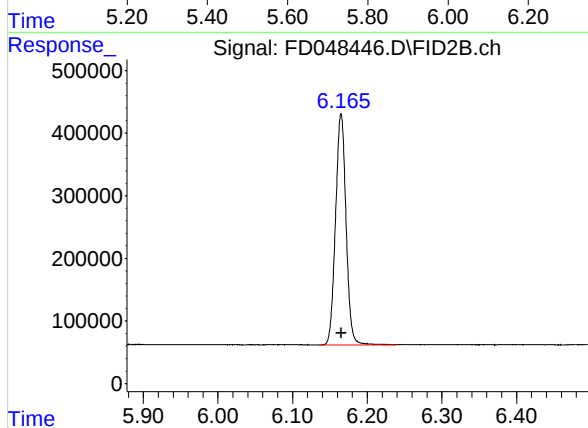
#2 n-Decane (C10)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 3581427
Conc: 20.00 ug/ml



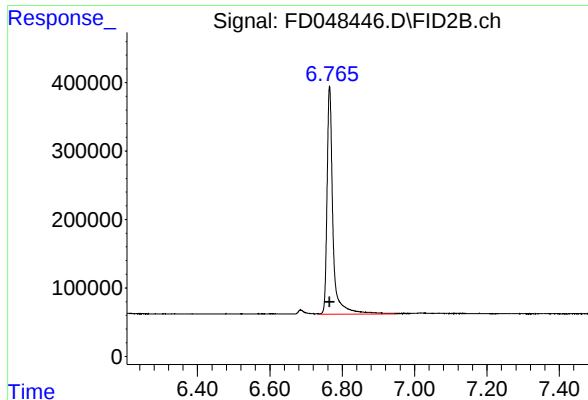
#3 A~Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3909361
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

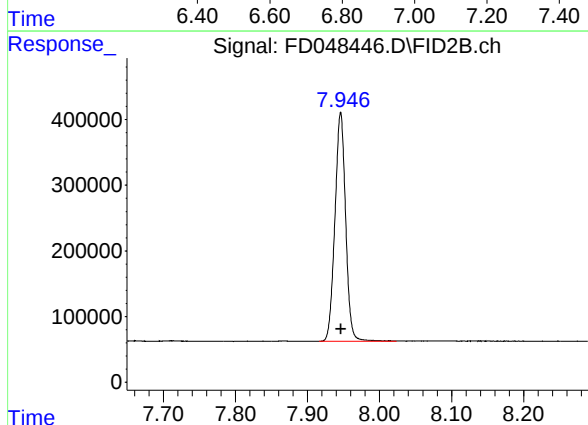
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 3625136
Conc: 20.00 ug/ml



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

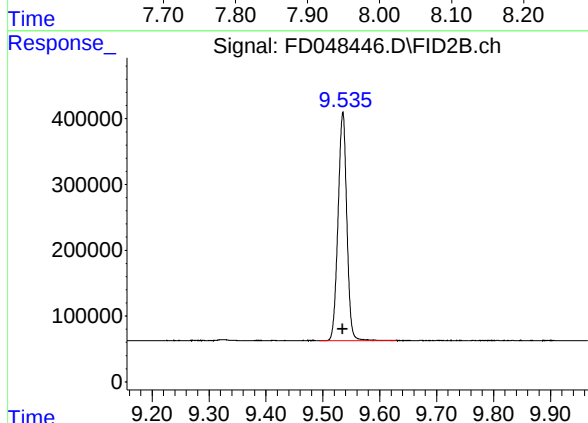
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 3791451
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



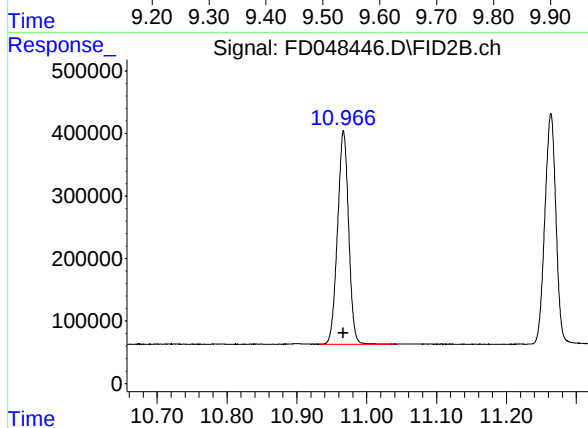
#6 n-Tetradecane (C14)

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 3604222
Conc: 20.00 ug/ml



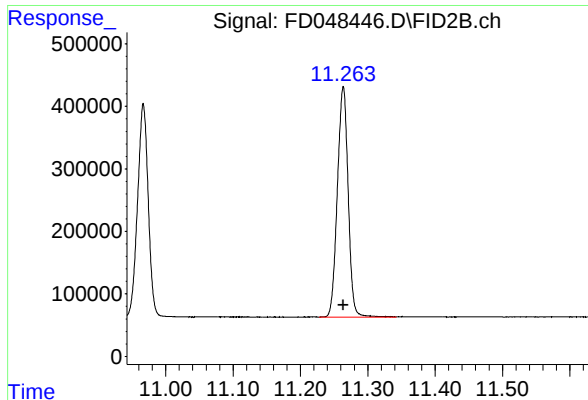
#7 n-Hexadecane (C16)

R.T.: 9.535 min
Delta R.T.: 0.000 min
Response: 3739992
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

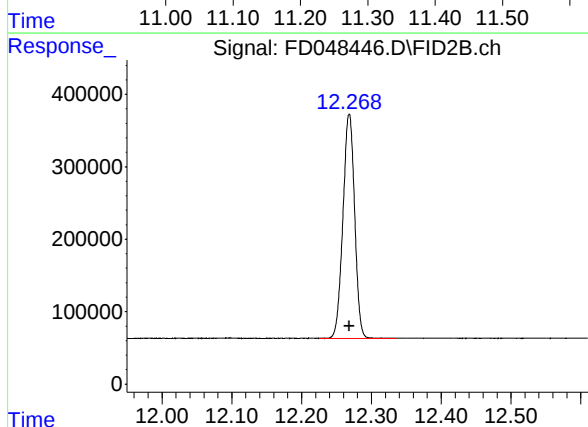
R.T.: 10.967 min
Delta R.T.: 0.000 min
Response: 3777074
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

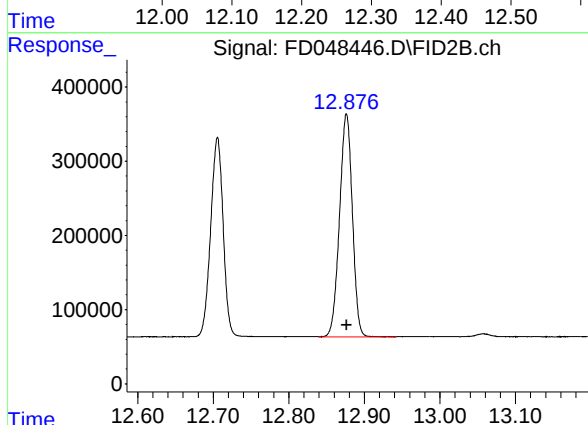
R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 4110729
Conc: 20.00 ug/ml

Instrument :
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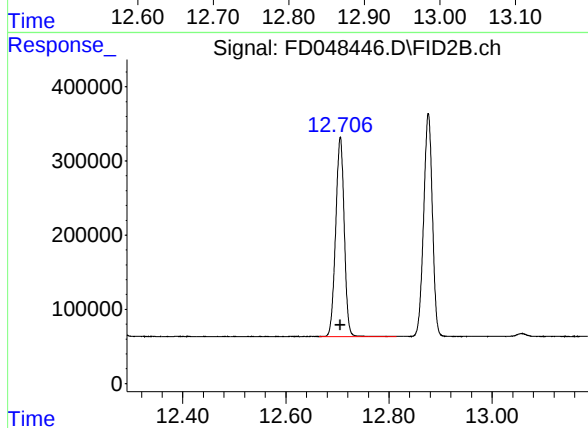
#10 n-Eicosane (C20)

R.T.: 12.268 min
Delta R.T.: 0.000 min
Response: 3620374
Conc: 20.00 ug/ml



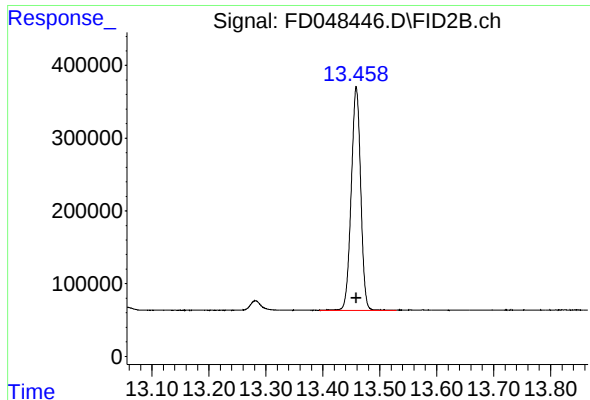
#11 n-Heneicosane (C21)

R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 3555315
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

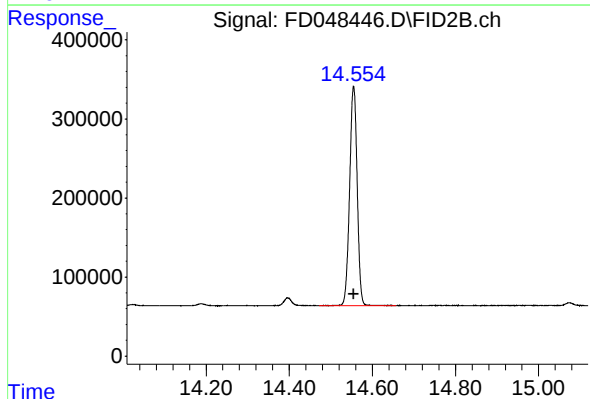
R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 3121463
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

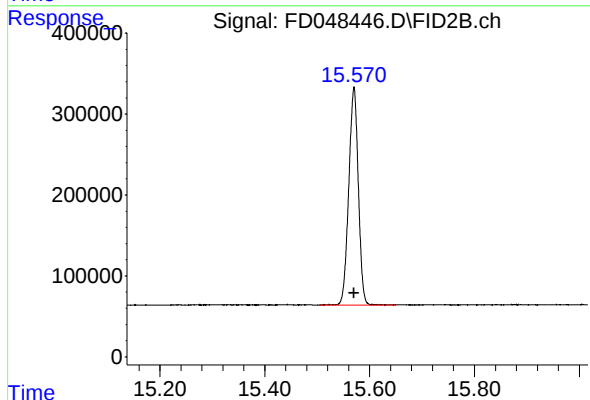
R.T.: 13.459 min
Delta R.T.: 0.000 min
Response: 3549279
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



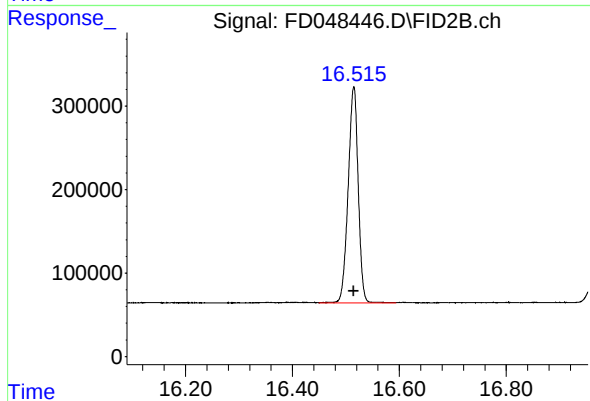
#14 n-Tetracosane (C24)

R.T.: 14.555 min
Delta R.T.: 0.000 min
Response: 3523874
Conc: 20.00 ug/ml



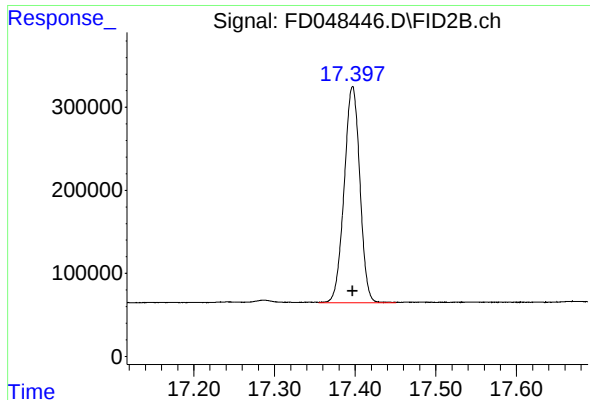
#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: 0.000 min
Response: 3416215
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

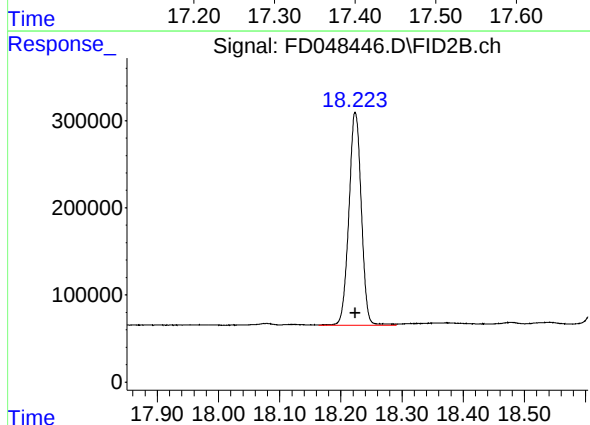
R.T.: 16.515 min
Delta R.T.: 0.000 min
Response: 3384178
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

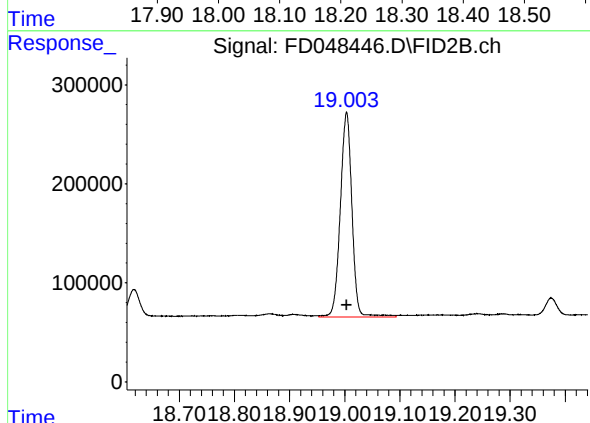
R.T.: 17.397 min
Delta R.T.: 0.000 min
Response: 3520520
Conc: 20.00 ug/ml

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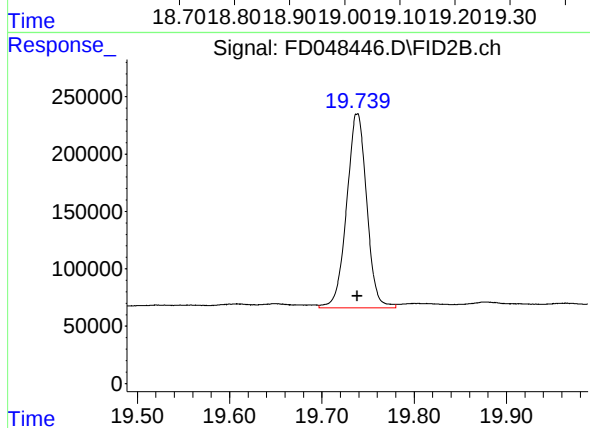
#18 n-Dotriacontane (C32)

R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 3460142
Conc: 20.00 ug/ml



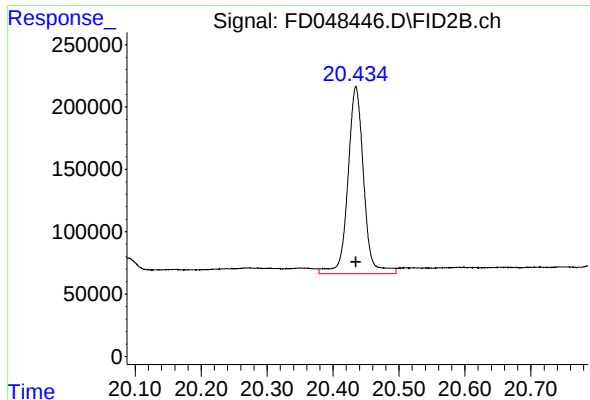
#19 n-Tetratriacontane (C34)

R.T.: 19.003 min
Delta R.T.: 0.000 min
Response: 3029543
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

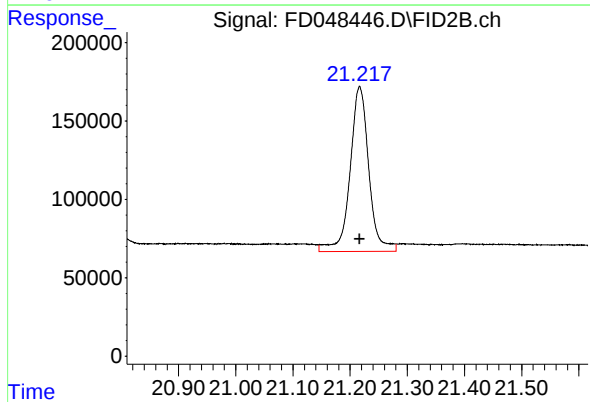
R.T.: 19.738 min
Delta R.T.: 0.000 min
Response: 2559211
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 2492172
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.217 min
Delta R.T.: 0.000 min
Response: 2402874
Conc: 20.00 ug/ml