

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032223AL\
 Data File : FD045317.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2023 23:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 23 00:23:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 04:53:16 2023
 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)	11.446	3284627	21.213 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
12) S 1-chlorooctadecane (S...	12.879	2429639	21.675 ug/ml
Spiked Amount 50.000		Recovery =	43.35%
Target Compounds			
1) T n-Nonane (C9)	3.262	2922303	21.284 ug/ml
2) T n-Decane (C10)	4.321	2881727	21.305 ug/ml
3) T A~Naphthalene (C11.7)	5.888	3333032	21.273 ug/ml
4) T n-Dodecane (C12)	6.327	2921031	21.338 ug/ml
5) T A~2-methylnaphthalene...	6.938	3118061	21.283 ug/ml
6) T n-Tetradecane (C14)	8.112	2936708	21.338 ug/ml
7) T n-Hexadecane (C16)	9.704	3000518	21.299 ug/ml
8) T n-Octadecane (C18)	11.139	3032171	21.290 ug/ml
10) T n-Eicosane (C20)	12.440	2923165	21.441 ug/ml
11) T n-Heneicosane (C21)	13.049	2911229	21.332 ug/ml
13) T n-Docosane (C22)	13.631	2874276	21.440 ug/ml
14) T n-Tetracosane (C24)	14.726	2807656	21.573 ug/ml
15) T n-Hexacosane (C26)	15.740	2731886	21.855 ug/ml
16) T n-Octacosane (C28)	16.684	2683193	22.076 ug/ml
17) T n-Tricontane (C30)	17.563	2637264	22.218 ug/ml
18) T n-Dotriacontane (C32)	18.389	2623147	22.258 ug/ml
19) T n-Tetratriacontane (C34)	19.168	2551955	22.189 ug/ml
20) T n-Hexatriacontane (C36)	19.902	2332171	21.678 ug/ml
21) T n-Octatriacontane (C38)	20.606	2132513	20.540 ug/ml
22) T n-Tetracontane (C40)	21.441	1867980	18.875 ug/ml

(f)=RT Delta > 1/2 Window

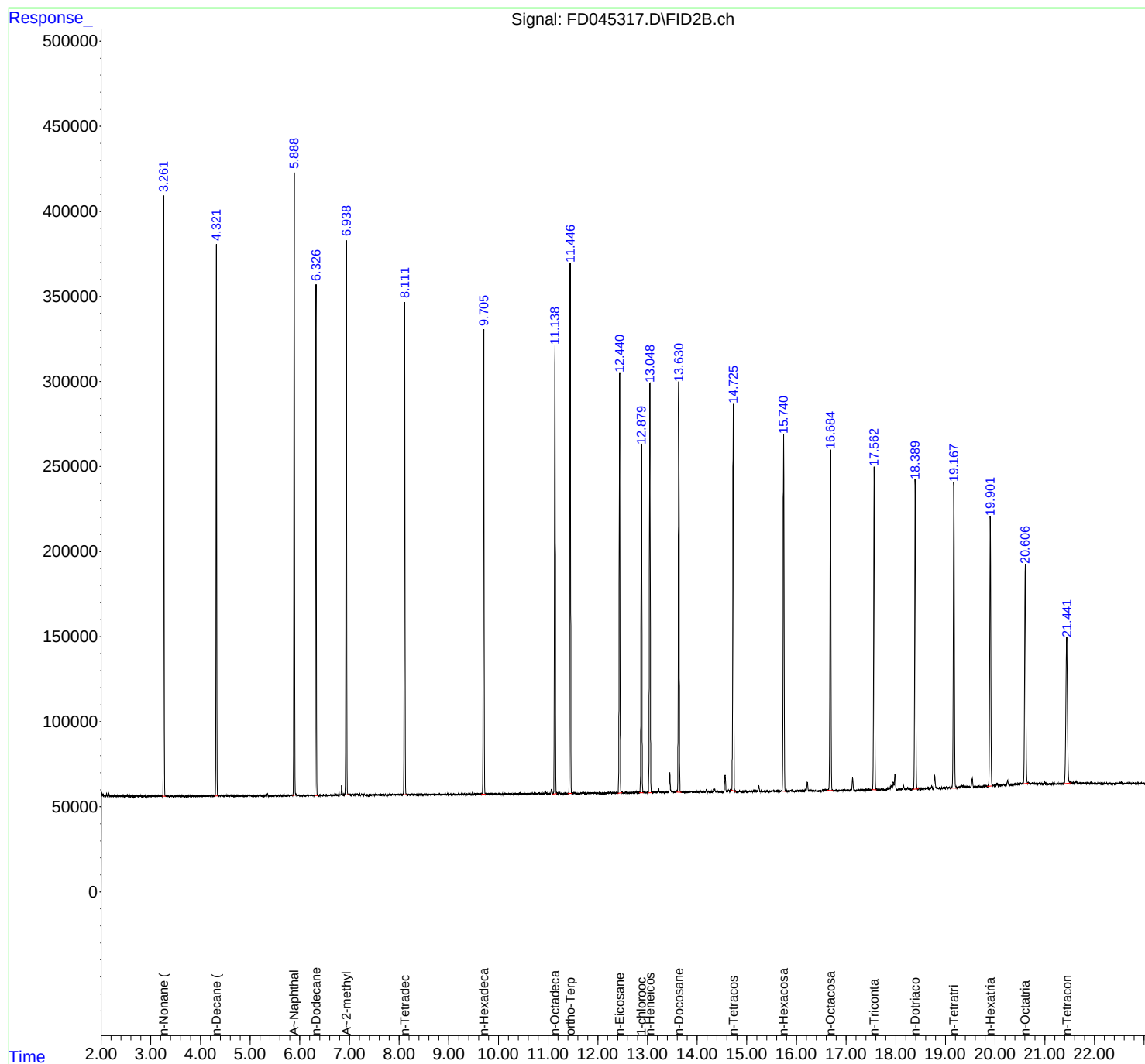
(m)=manual int.

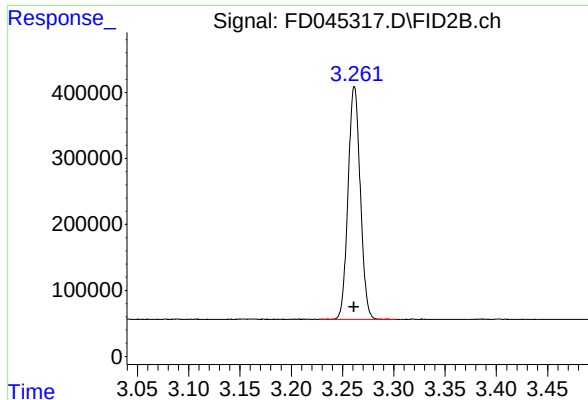
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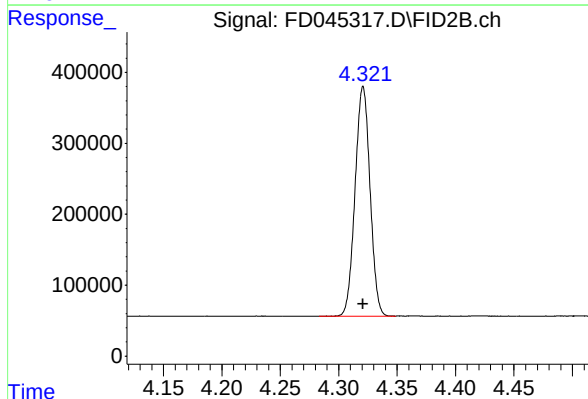




#1 n-Nonane (C9)

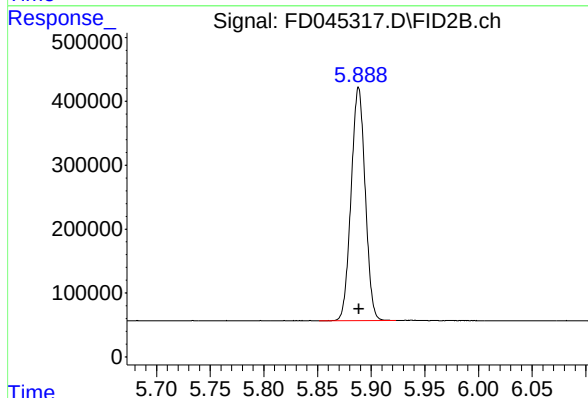
R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 2922303
Conc: 21.28 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



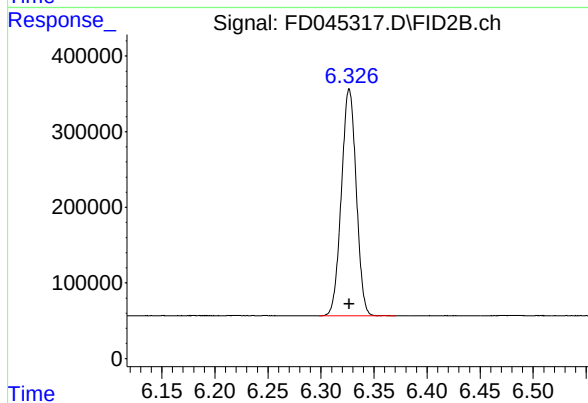
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 2881727
Conc: 21.31 ug/ml



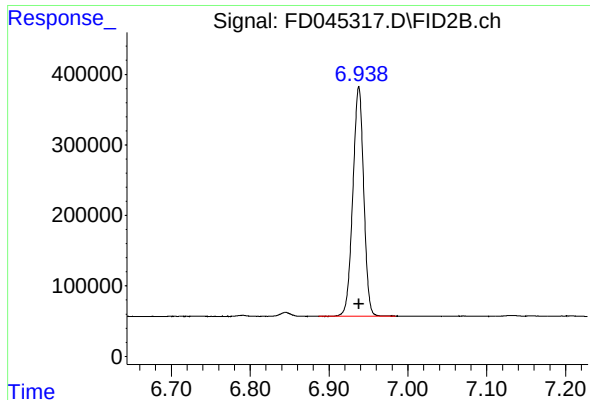
#3 A~Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 3333032
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

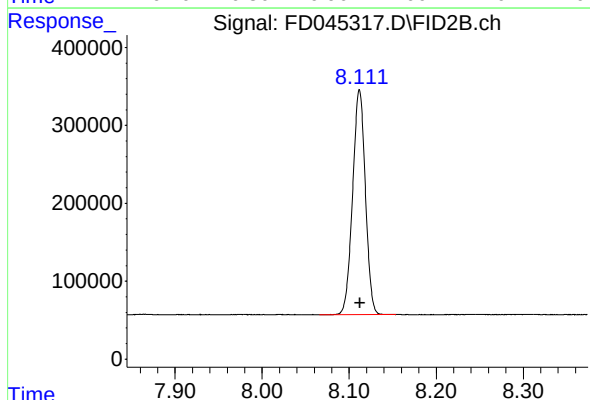
R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 2921031
Conc: 21.34 ug/ml



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

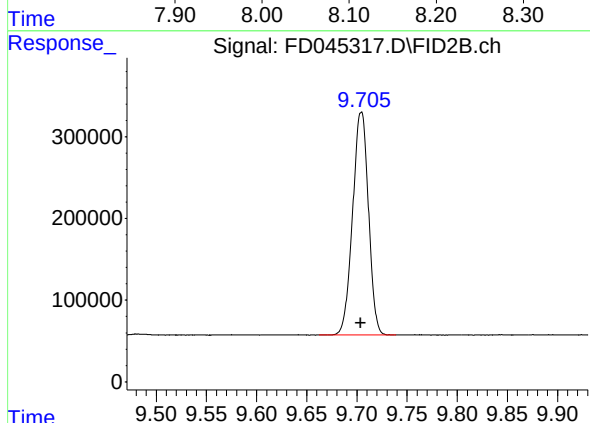
R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 3118061
Conc: 21.28 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



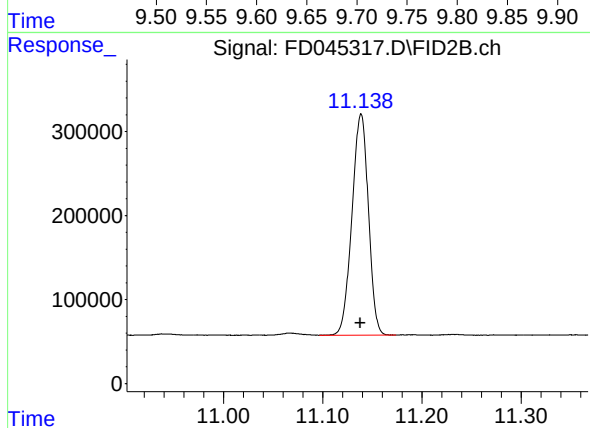
#6 n-Tetradecane (C14)

R.T.: 8.112 min
Delta R.T.: 0.000 min
Response: 2936708
Conc: 21.34 ug/ml



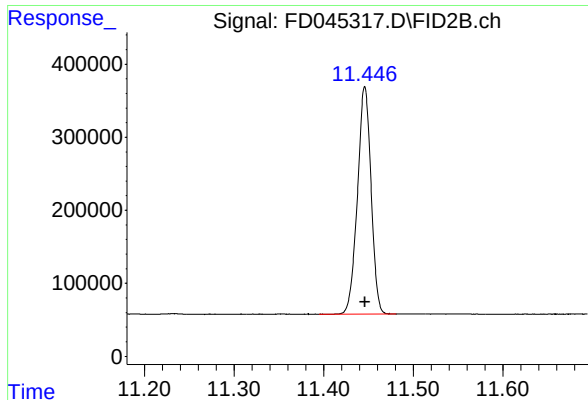
#7 n-Hexadecane (C16)

R.T.: 9.704 min
Delta R.T.: 0.000 min
Response: 3000518
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

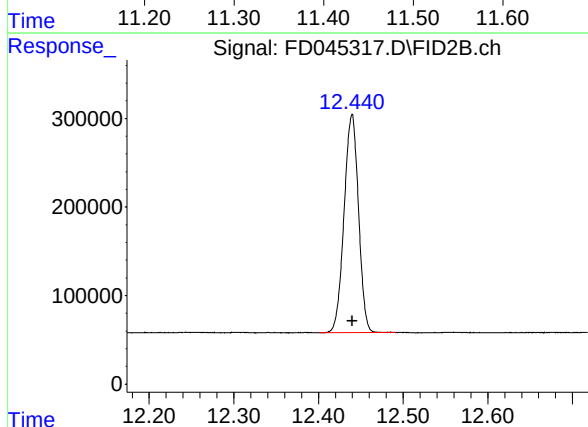
R.T.: 11.139 min
Delta R.T.: 0.000 min
Response: 3032171
Conc: 21.29 ug/ml



#9 ortho-Terphenyl (SURR)

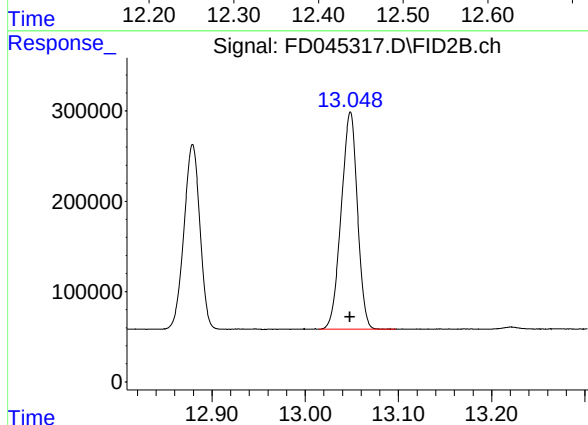
R.T.: 11.446 min
Delta R.T.: 0.000 min
Response: 3284627
Conc: 21.21 ug/ml

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20 PPM ALIPHATIC HC STD



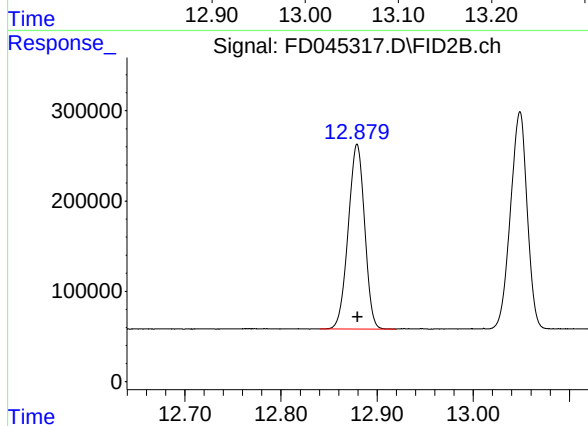
#10 n-Eicosane (C20)

R.T.: 12.440 min
Delta R.T.: 0.000 min
Response: 2923165
Conc: 21.44 ug/ml



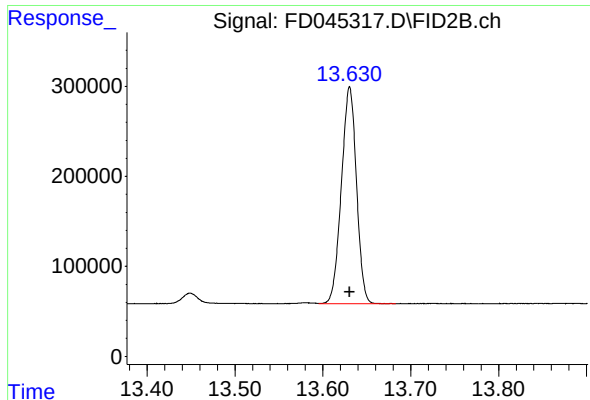
#11 n-Heneicosane (C21)

R.T.: 13.049 min
Delta R.T.: 0.000 min
Response: 2911229
Conc: 21.33 ug/ml



#12 1-chlorooctadecane (SURR)

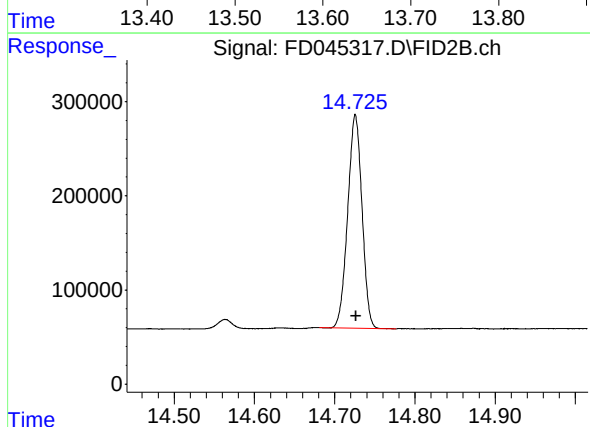
R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 2429639
Conc: 21.68 ug/ml



#13 n-Docosane (C22)

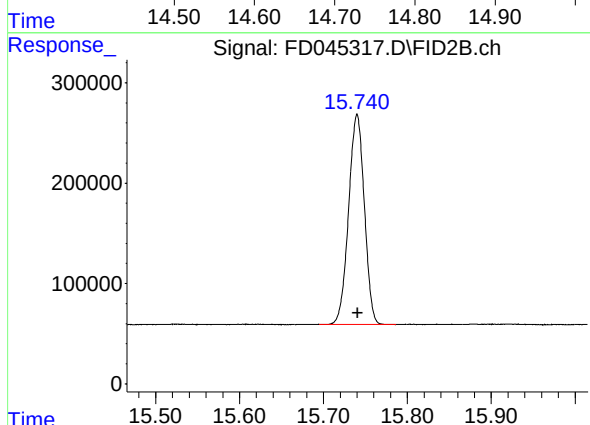
R.T.: 13.631 min
Delta R.T.: 0.000 min
Response: 2874276
Conc: 21.44 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



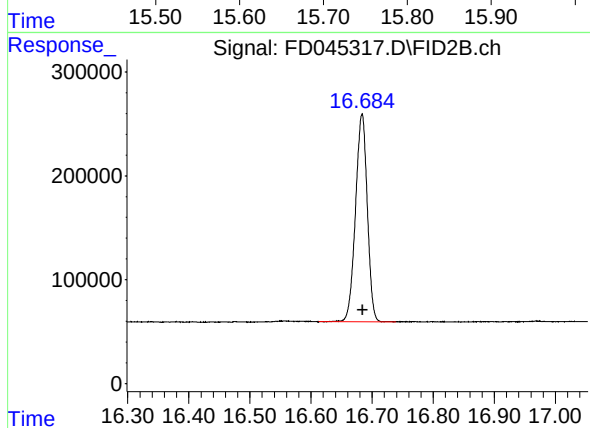
#14 n-Tetracosane (C24)

R.T.: 14.726 min
Delta R.T.: 0.000 min
Response: 2807656
Conc: 21.57 ug/ml



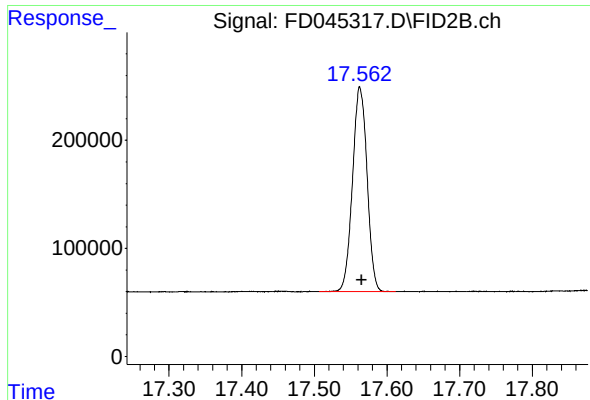
#15 n-Hexacosane (C26)

R.T.: 15.740 min
Delta R.T.: 0.000 min
Response: 2731886
Conc: 21.85 ug/ml



#16 n-Octacosane (C28)

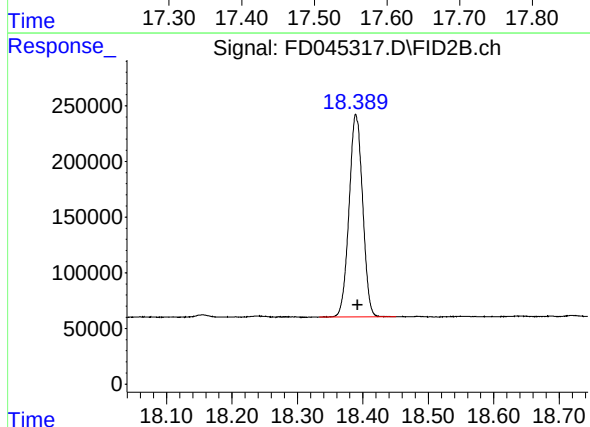
R.T.: 16.684 min
Delta R.T.: 0.000 min
Response: 2683193
Conc: 22.08 ug/ml



#17 n-Tricontane (C30)

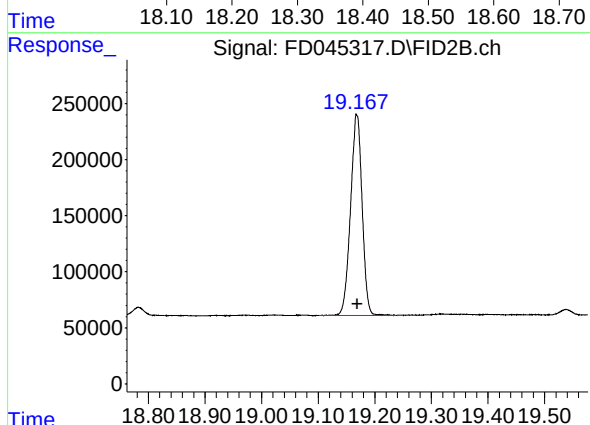
R.T.: 17.563 min
Delta R.T.: -0.003 min
Response: 2637264
Conc: 22.22 ug/ml

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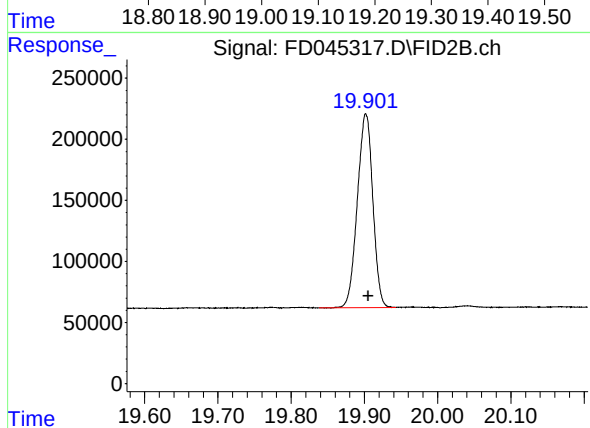
#18 n-Dotriacontane (C32)

R.T.: 18.389 min
Delta R.T.: -0.003 min
Response: 2623147
Conc: 22.26 ug/ml



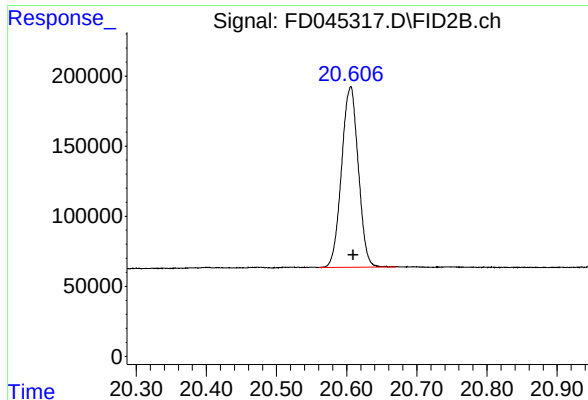
#19 n-Tetatriacontane (C34)

R.T.: 19.168 min
Delta R.T.: -0.001 min
Response: 2551955
Conc: 22.19 ug/ml



#20 n-Hexatriacontane (C36)

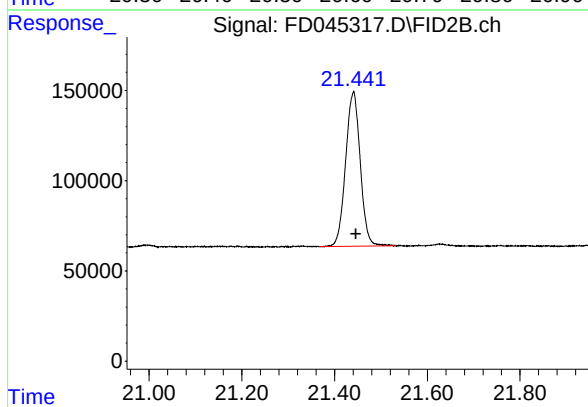
R.T.: 19.902 min
Delta R.T.: -0.004 min
Response: 2332171
Conc: 21.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.004 min
Response: 2132513
Conc: 20.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.441 min
Delta R.T.: -0.005 min
Response: 1867980
Conc: 18.88 ug/ml