

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102622AL\
 Data File : FD044244.D
 Signal(s) : FID2B.ch
 Acq On : 26 Oct 2022 04:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2022
 Supervised By :Ankita Jodhani 10/27/2022

Integration File: autoint1.e
 Quant Time: Oct 26 04:54:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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)	11.297	3257016	20.692 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
12) S 1-chlorooctadecane (S...	12.714	2522910	20.061 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.135	2758279	20.428 ug/ml
2) T n-Decane (C10)	4.182	2827431	21.045 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2831435	21.192 ug/mlm
4) T n-Dodecane (C12)	6.178	2915454	20.981 ug/ml
5) T A~2-methylnaphthalene...	6.800	2817720	21.670 ug/mlm
6) T n-Tetradecane (C14)	7.957	2950012	21.189 ug/ml
7) T n-Hexadecane (C16)	9.545	2998037	21.255 ug/ml
8) T n-Octadecane (C18)	10.974	3053305	20.998 ug/ml
10) T n-Eicosane (C20)	12.273	3053728	20.593 ug/ml
11) T n-Heneicosane (C21)	12.879	3036882	20.242 ug/ml
13) T n-Docosane (C22)	13.460	3075297	20.455 ug/ml
14) T n-Tetracosane (C24)	14.552	3011657	19.953 ug/ml
15) T n-Hexacosane (C26)	15.563	2893894	19.113 ug/ml
16) T n-Octacosane (C28)	16.503	2792494	18.535 ug/ml
17) T n-Tricontane (C30)	17.381	2810030	18.333 ug/ml
18) T n-Dotriacontane (C32)	18.204	2789221	18.188 ug/ml
19) T n-Tetratriacontane (C34)	18.977	2597968	17.647 ug/ml
20) T n-Hexatriacontane (C36)	19.708	2545871	17.364 ug/ml
21) T n-Octatriacontane (C38)	20.400	2473366	17.729 ug/ml
22) T n-Tetracontane (C40)	21.157	2401950	18.468 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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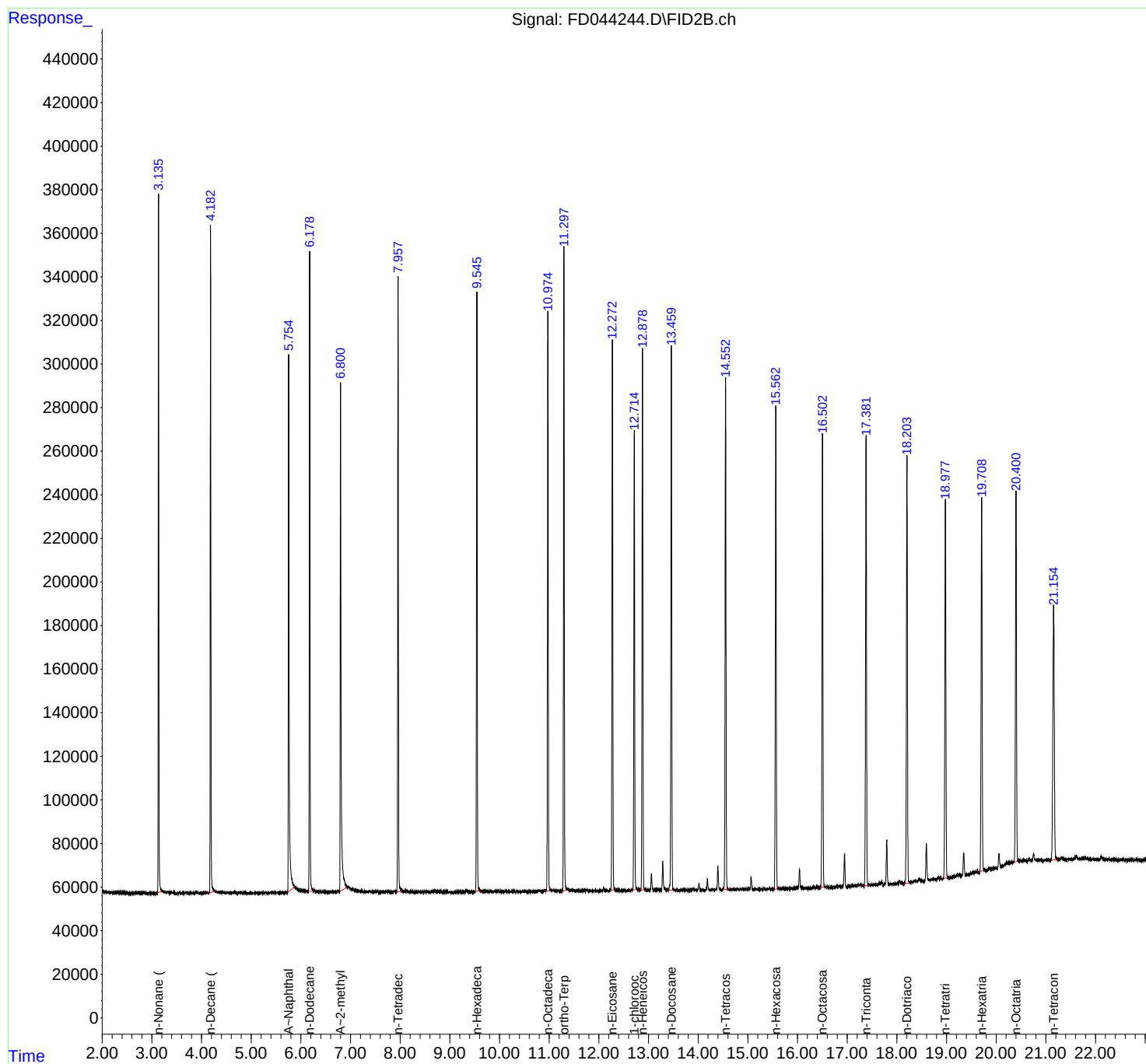
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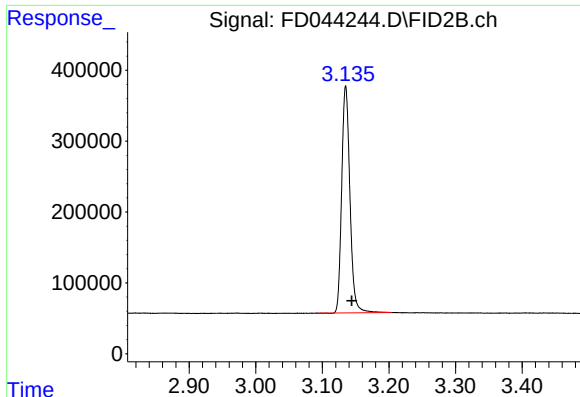
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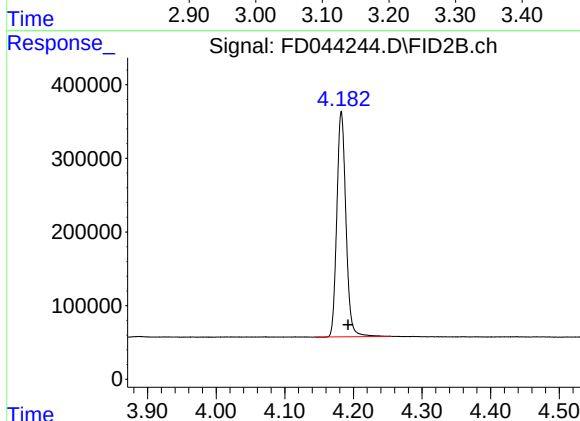
#1 n-Nonane (C9)

R.T.: 3.135 min
Delta R.T.: -0.009 min
Response: 2758279
Conc: 20.43 ug/ml

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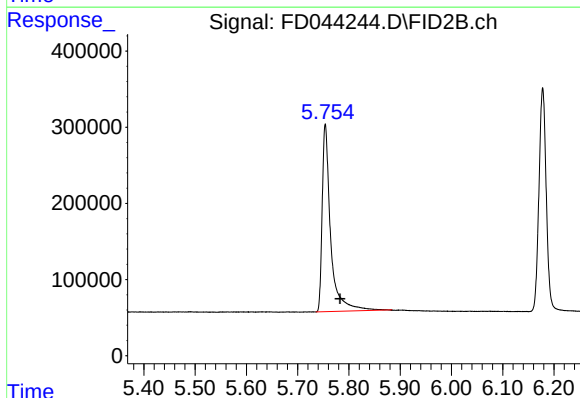
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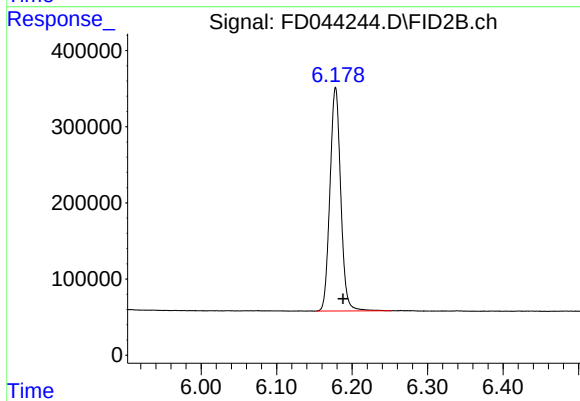
#2 n-Decane (C10)

R.T.: 4.182 min
Delta R.T.: -0.010 min
Response: 2827431
Conc: 21.04 ug/ml



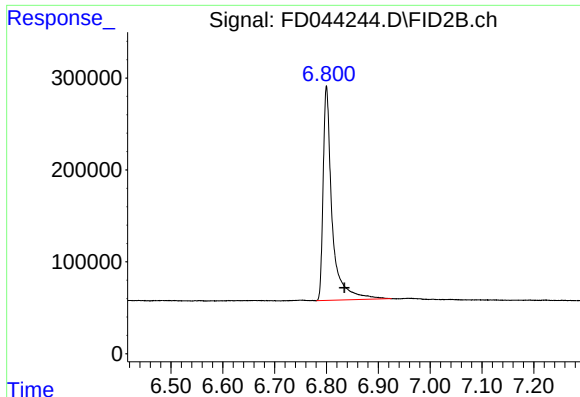
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.029 min
Response: 2831435
Conc: 21.19 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 2915454
Conc: 20.98 ug/ml



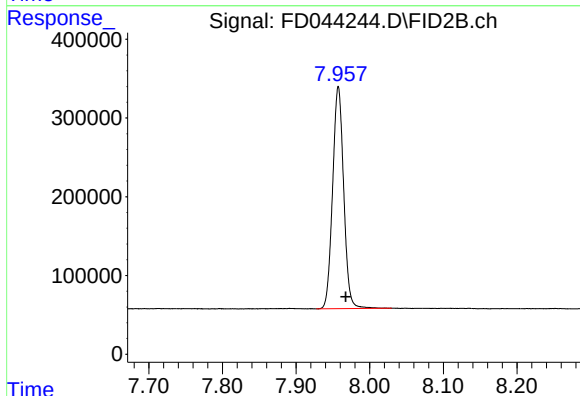
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.035 min
Response: 2817720
Conc: 21.67 ug/ml

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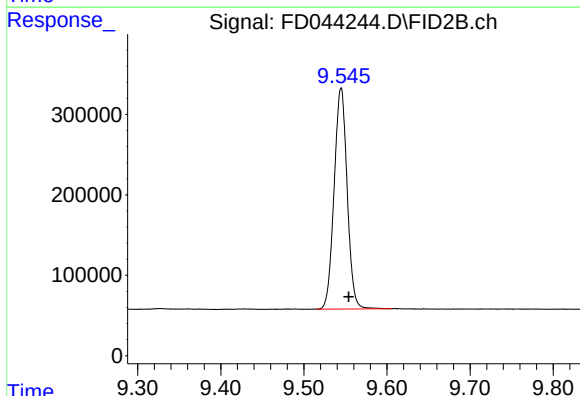
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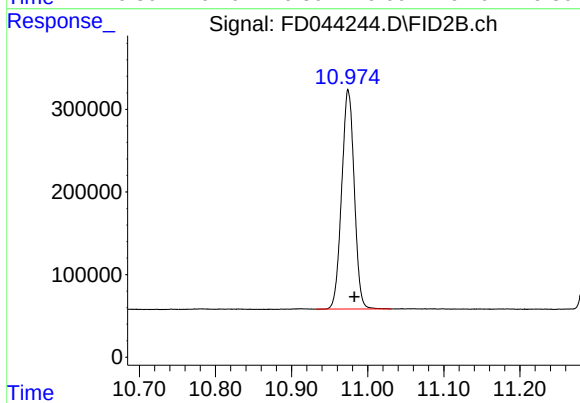
#6 n-Tetradecane (C14)

R.T.: 7.957 min
Delta R.T.: -0.010 min
Response: 2950012
Conc: 21.19 ug/ml



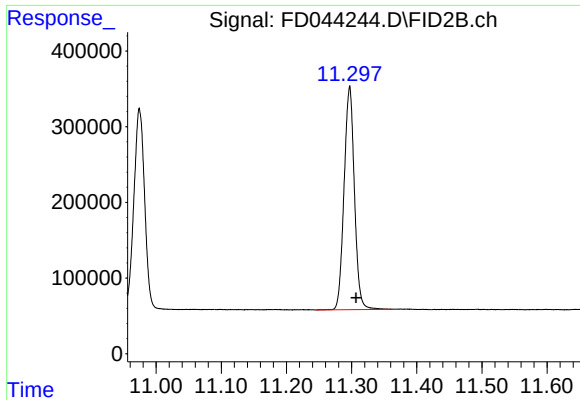
#7 n-Hexadecane (C16)

R.T.: 9.545 min
Delta R.T.: -0.009 min
Response: 2998037
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.974 min
Delta R.T.: -0.008 min
Response: 3053305
Conc: 21.00 ug/ml



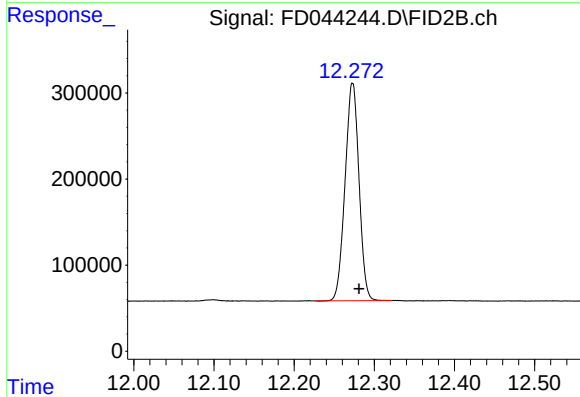
#9 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.010 min
Response: 3257016
Conc: 20.69 ug/ml

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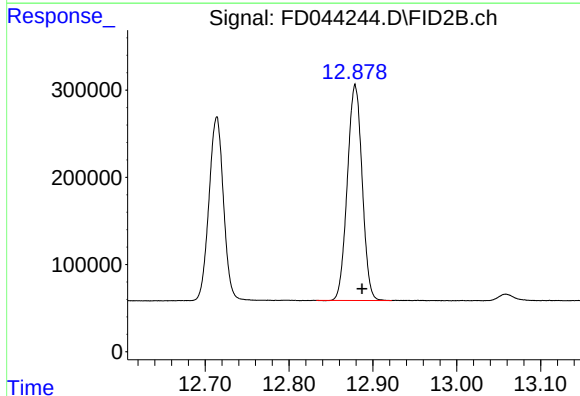
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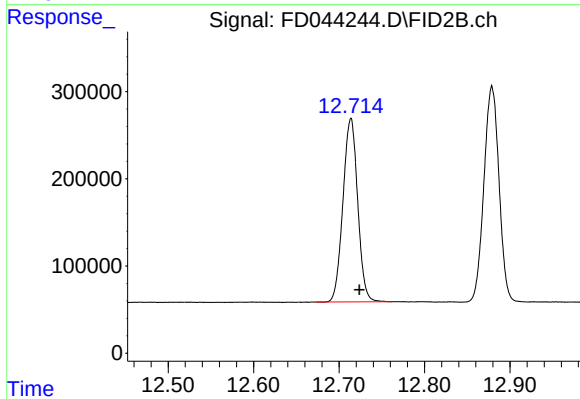
#10 n-Eicosane (C20)

R.T.: 12.273 min
Delta R.T.: -0.008 min
Response: 3053728
Conc: 20.59 ug/ml



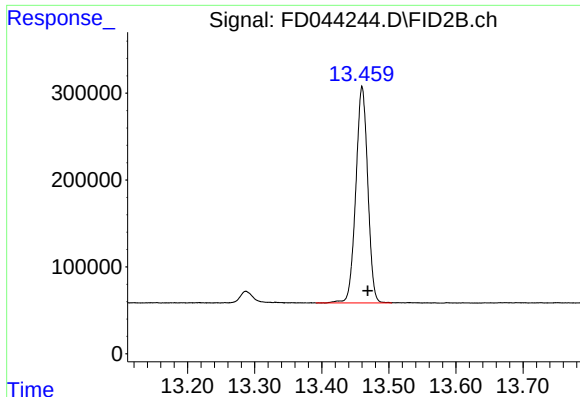
#11 n-Heneicosane (C21)

R.T.: 12.879 min
Delta R.T.: -0.008 min
Response: 3036882
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.714 min
Delta R.T.: -0.010 min
Response: 2522910
Conc: 20.06 ug/ml



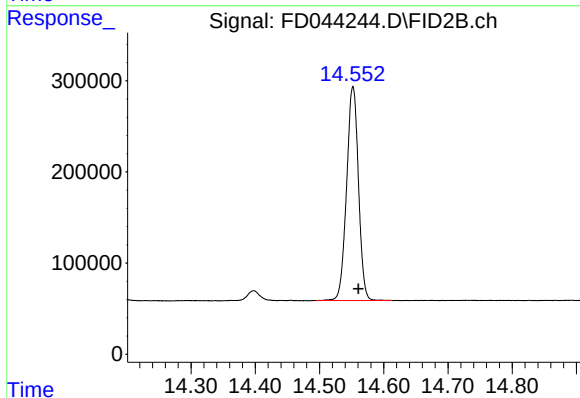
#13 n-Docosane (C22)

R.T.: 13.460 min
Delta R.T.: -0.009 min
Response: 3075297
Conc: 20.45 ug/ml

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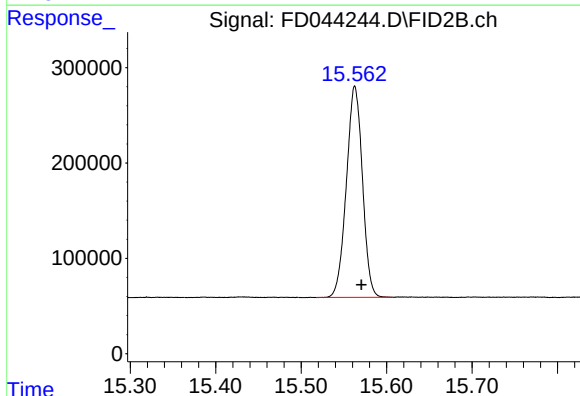
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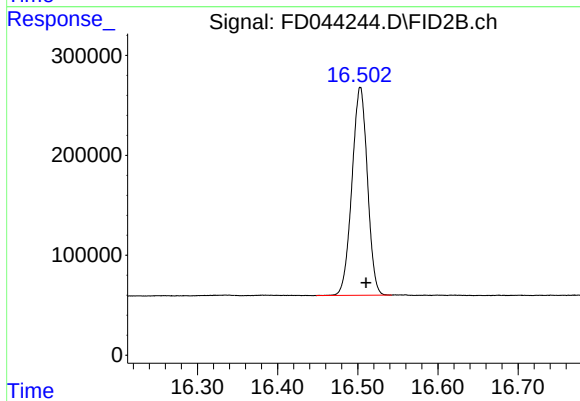
#14 n-Tetracosane (C24)

R.T.: 14.552 min
Delta R.T.: -0.009 min
Response: 3011657
Conc: 19.95 ug/ml



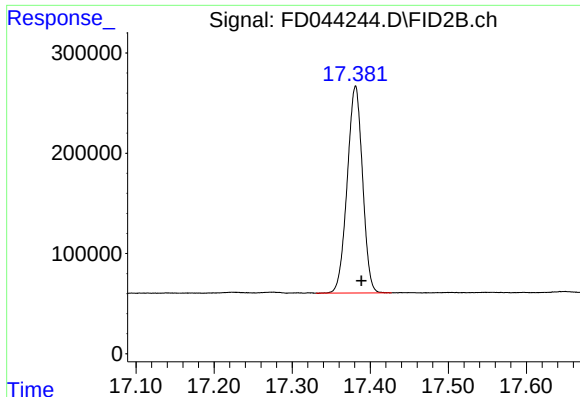
#15 n-Hexacosane (C26)

R.T.: 15.563 min
Delta R.T.: -0.008 min
Response: 2893894
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.503 min
Delta R.T.: -0.007 min
Response: 2792494
Conc: 18.54 ug/ml



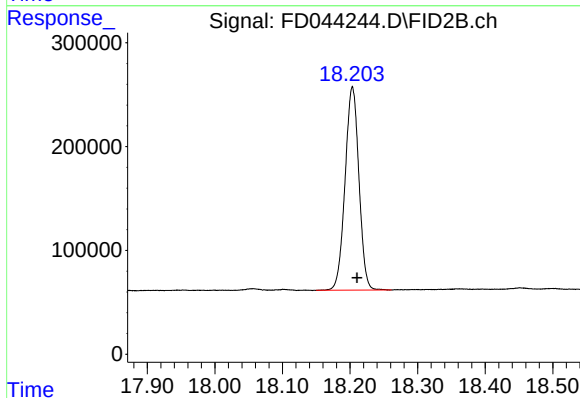
#17 n-Tricontane (C30)

R.T.: 17.381 min
Delta R.T.: -0.008 min
Response: 2810030
Conc: 18.33 ug/ml

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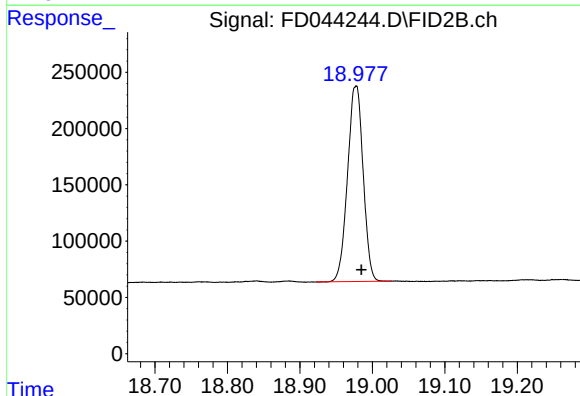
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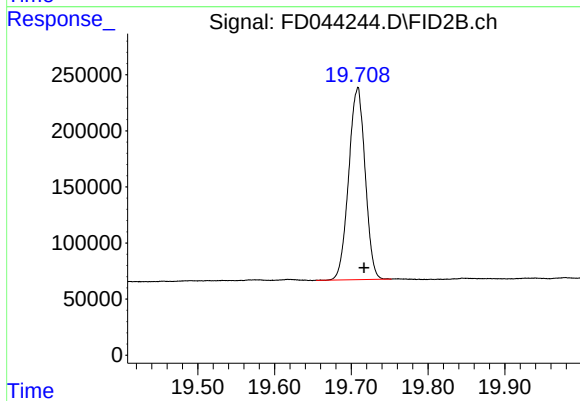
#18 n-Dotriacontane (C32)

R.T.: 18.204 min
Delta R.T.: -0.007 min
Response: 2789221
Conc: 18.19 ug/ml



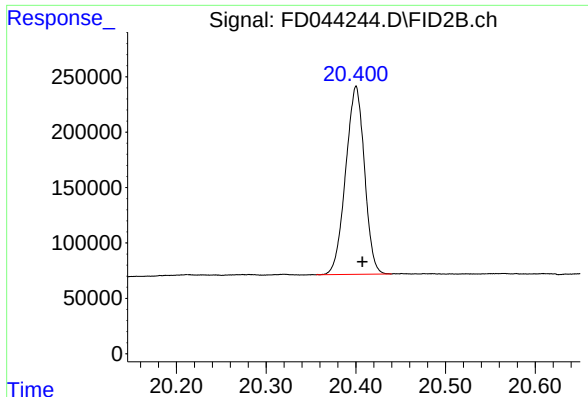
#19 n-Tetratriacontane (C34)

R.T.: 18.977 min
Delta R.T.: -0.007 min
Response: 2597968
Conc: 17.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.708 min
Delta R.T.: -0.008 min
Response: 2545871
Conc: 17.36 ug/ml



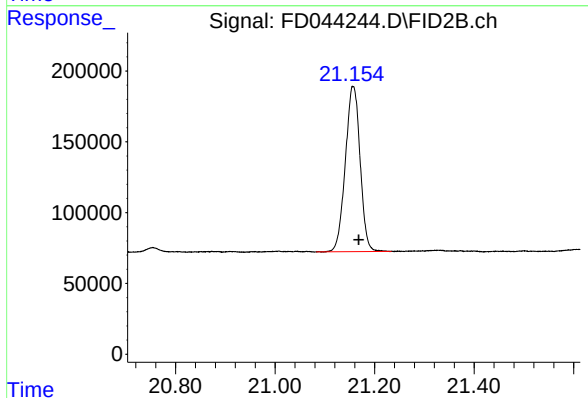
#21 n-Octatriacontane (C38)

R.T.: 20.400 min
Delta R.T.: -0.007 min
Response: 2473366
Conc: 17.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.157 min
Delta R.T.: -0.012 min
Response: 2401950
Conc: 18.47 ug/ml