

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120825AL\
 Data File : FF016863.D
 Signal(s) : FID2B.ch
 Acq On : 08 Dec 2025 17:21
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File: autoint1.e
 Quant Time: Dec 09 04:35:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:19:27 2025
 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			
12) S 1-chlorooctadecane (S...	13.387	2053268	17.887 ug/mlm
Spiked Amount 50.000		Recovery =	35.77%
Target Compounds			
1) T n-Nonane (C9)	3.301	254334	2.120 ug/ml
2) T n-Decane (C10)	4.561	329118	2.692 ug/ml
4) T n-Dodecane (C12)	6.738	412727	3.351 ug/ml
6) T n-Tetradecane (C14)	8.571	412421	3.398 ug/ml
7) T n-Hexadecane (C16)	10.180	380827	2.996 ug/mlm
8) T n-Octadecane (C18)	11.626	419898	3.178 ug/ml
10) T n-Eicosane (C20)	12.939	475988	3.615 ug/ml
11) T n-Heneicosane (C21)	13.552	422610	3.237 ug/ml
13) T n-Docosane (C22)	14.141	450109	3.385 ug/ml
14) T n-Tetracosane (C24)	15.247	438085	3.149 ug/ml
15) T n-Hexacosane (C26)	16.272	432517	3.122 ug/ml
16) T n-Octacosane (C28)	17.226	413629	2.993 ug/ml
17) T n-Tricontane (C30)	18.116	444422	3.160 ug/ml
18) T n-Dotriacontane (C32)	18.953	420785	3.104 ug/ml
19) T n-Tetratriacontane (C34)	19.739	411568	3.479 ug/ml
20) T n-Hexatriacontane (C36)	20.481	417146	4.252 ug/ml
21) T n-Octatriacontane (C38)	21.236	372143	4.228 ug/mlm
22) T n-Tetracontane (C40)	22.174	380491	4.487 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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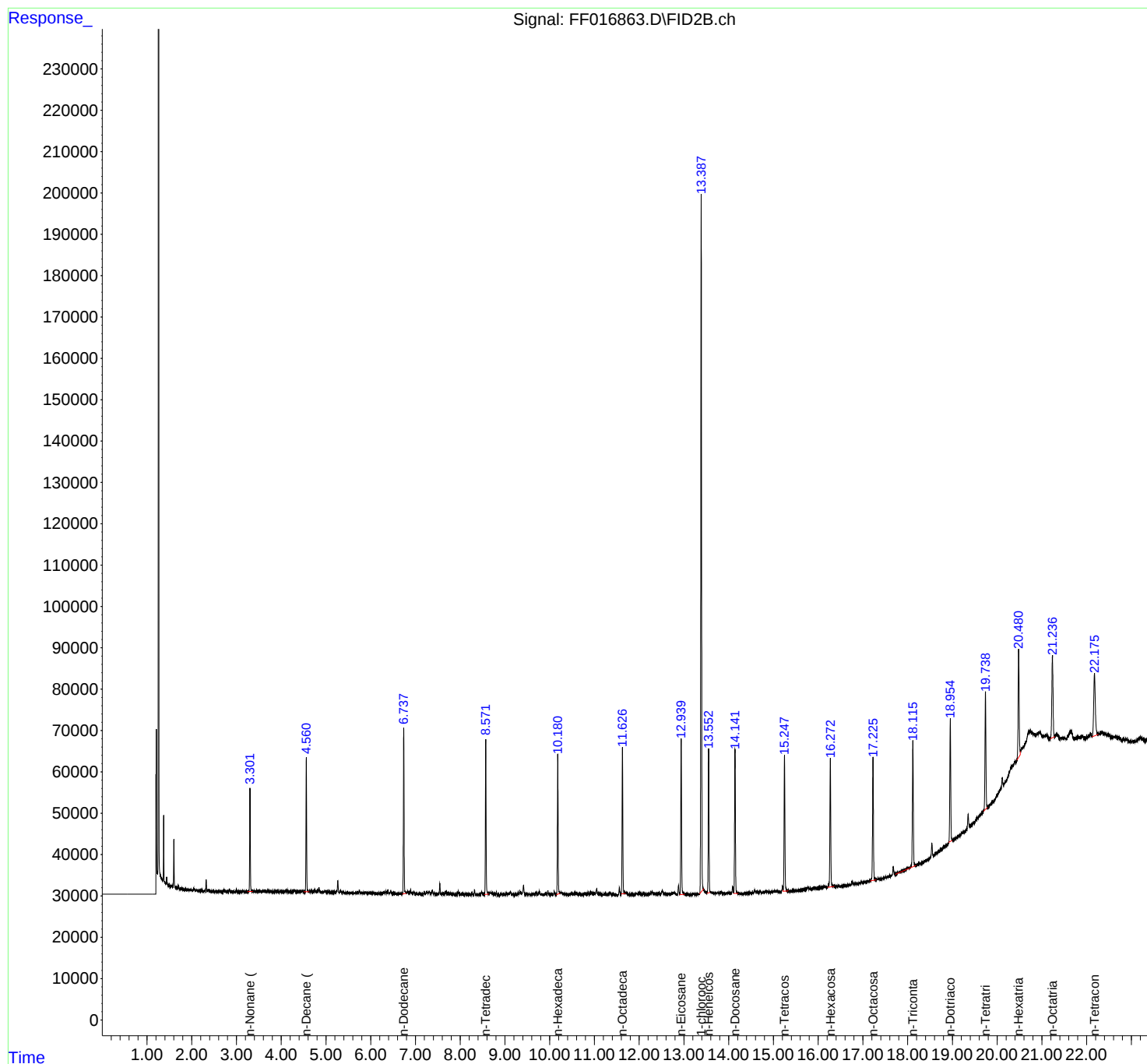
Instrument :
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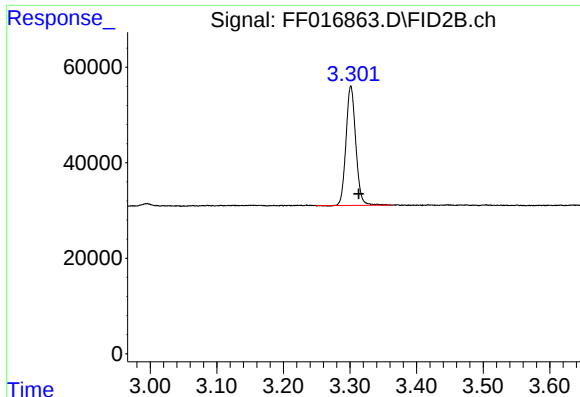
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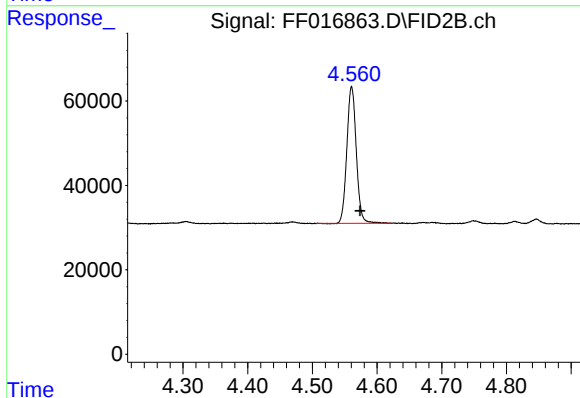
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.012 min
Response: 254334
Conc: 2.12 ug/ml

Instrument :
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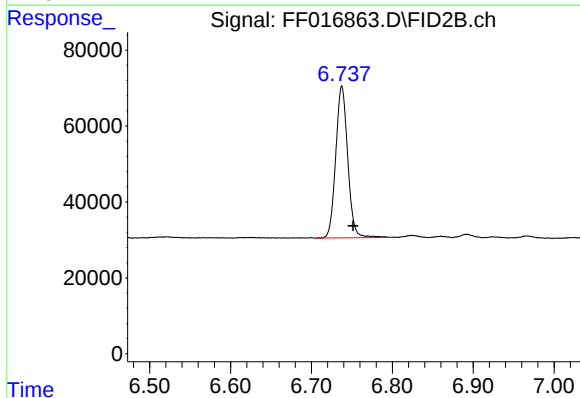
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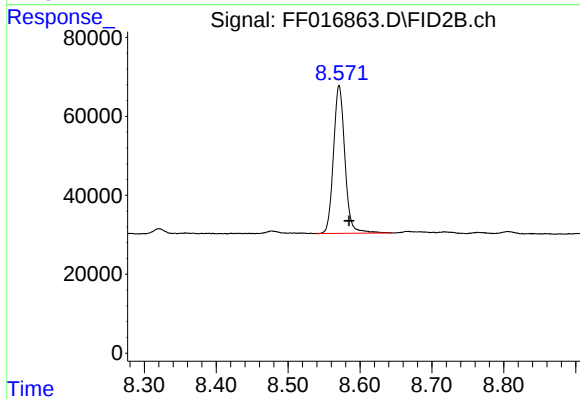
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.013 min
Response: 329118
Conc: 2.69 ug/ml



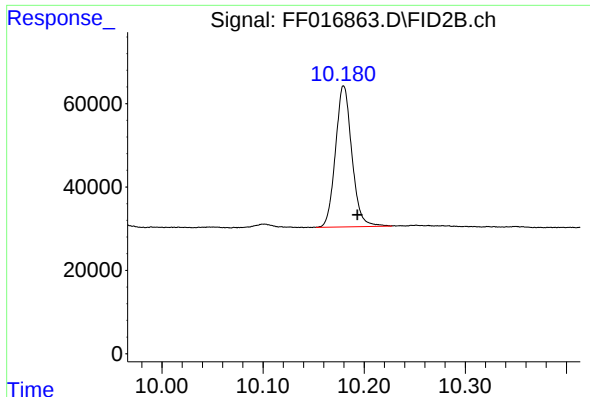
#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: -0.014 min
Response: 412727
Conc: 3.35 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.014 min
Response: 412421
Conc: 3.40 ug/ml



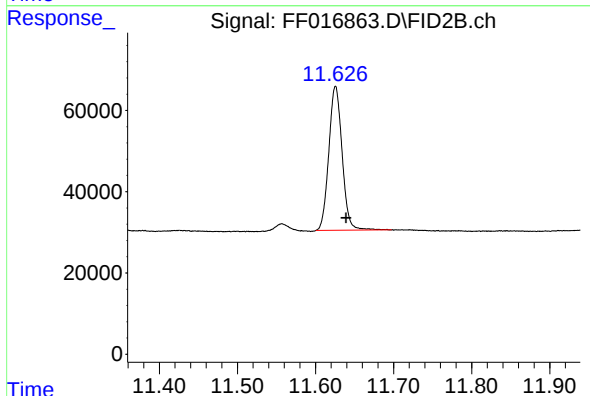
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.014 min
Response: 380827
Conc: 3.00 ug/ml

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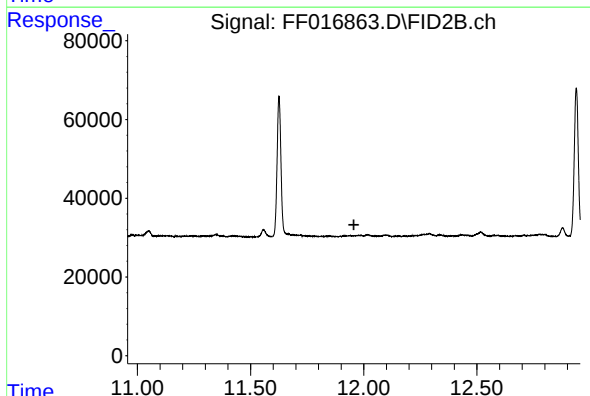
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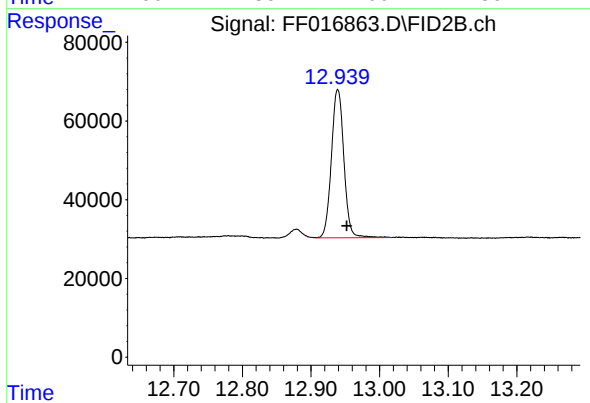
#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: -0.013 min
Response: 419898
Conc: 3.18 ug/ml



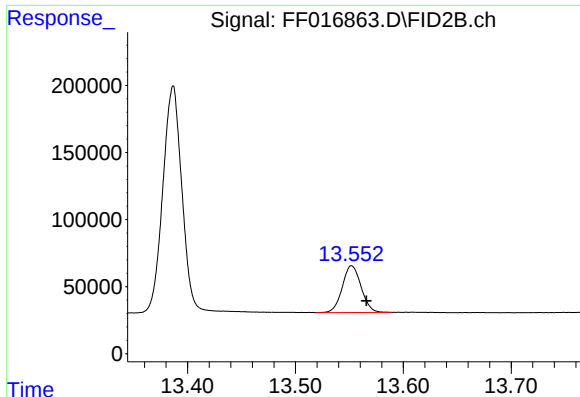
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.957 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: -0.013 min
Response: 475988
Conc: 3.62 ug/ml



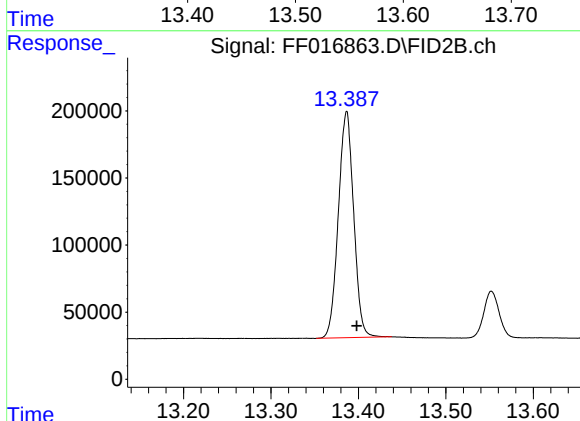
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.013 min
Response: 422610
Conc: 3.24 ug/ml

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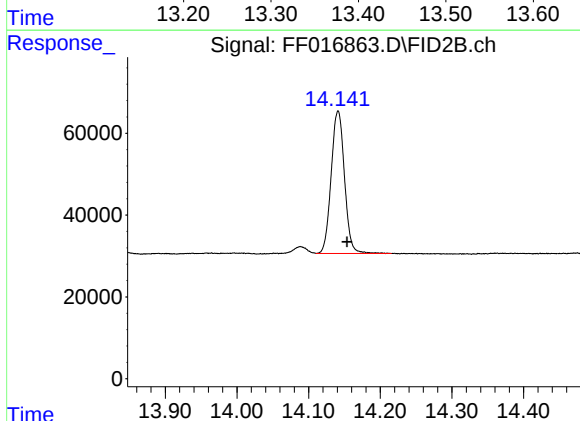
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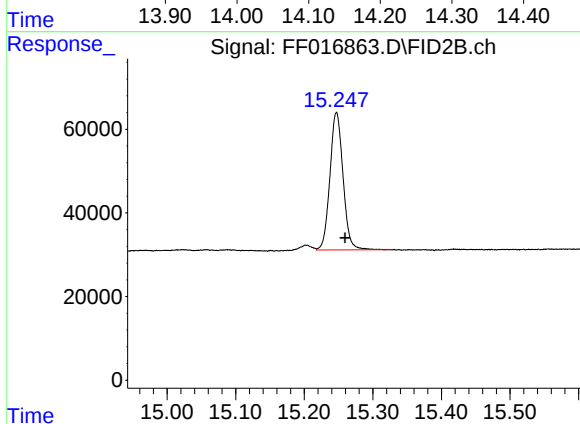
#12 1-chlorooctadecane (SURR)

R.T.: 13.387 min
Delta R.T.: -0.011 min
Response: 2053268
Conc: 17.89 ug/ml m



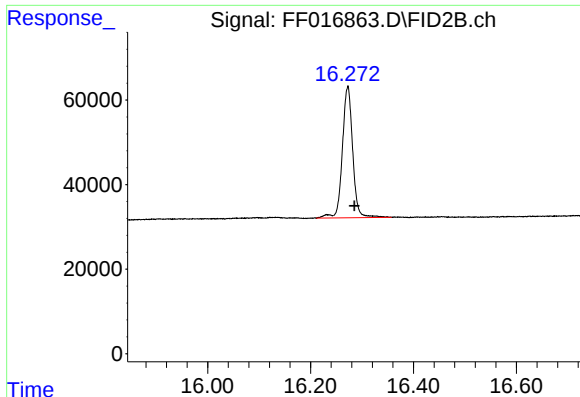
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: -0.013 min
Response: 450109
Conc: 3.38 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.013 min
Response: 438085
Conc: 3.15 ug/ml



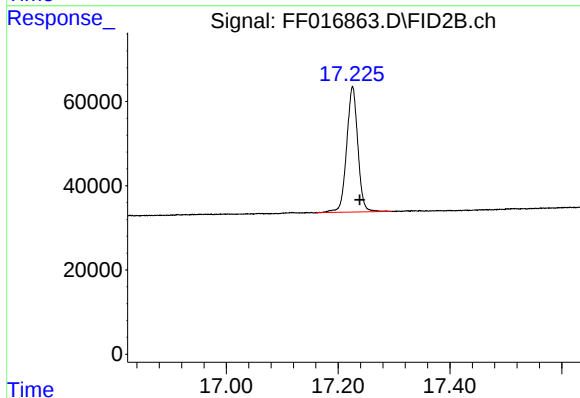
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.013 min
Response: 432517
Conc: 3.12 ug/ml

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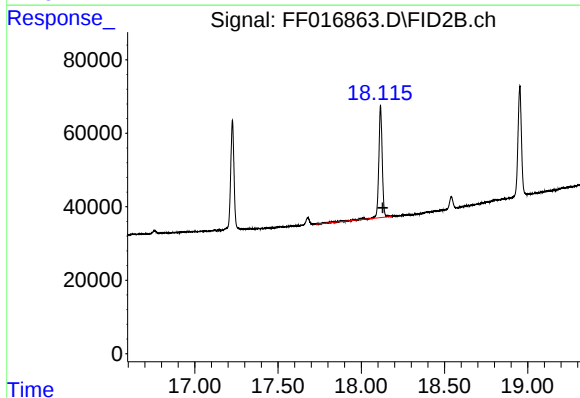
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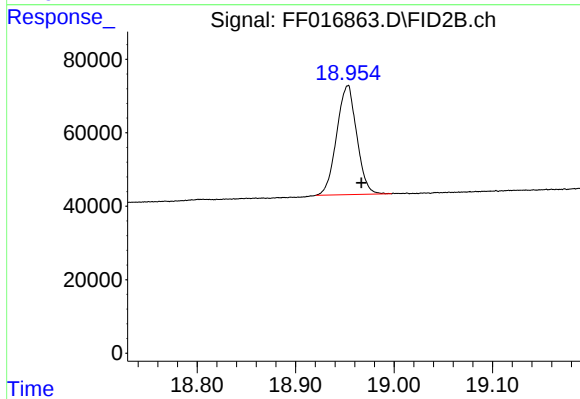
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.013 min
Response: 413629
Conc: 2.99 ug/ml



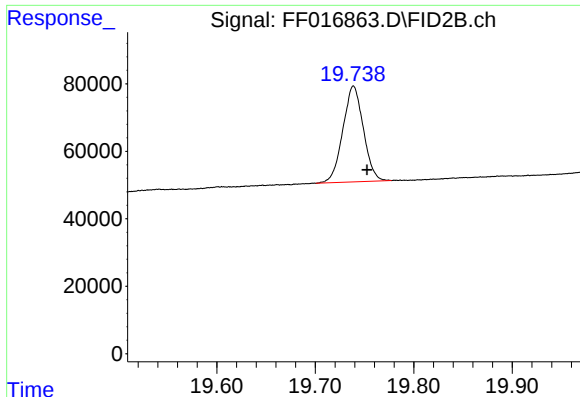
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.014 min
Response: 444422
Conc: 3.16 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: -0.014 min
Response: 420785
Conc: 3.10 ug/ml



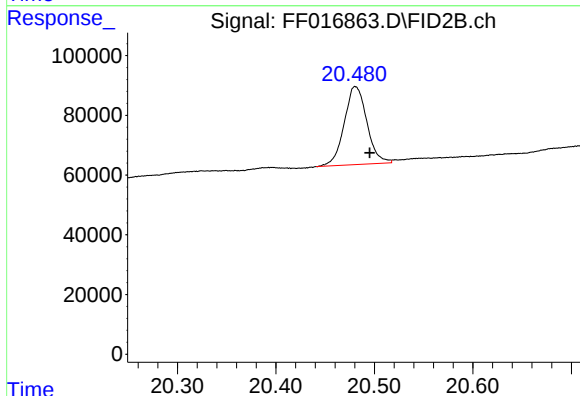
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: -0.014 min
Response: 411568
Conc: 3.48 ug/ml

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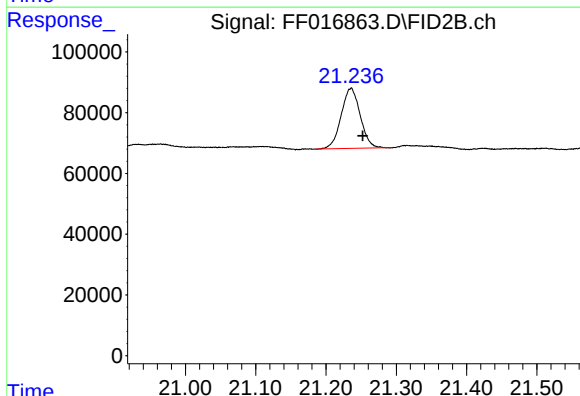
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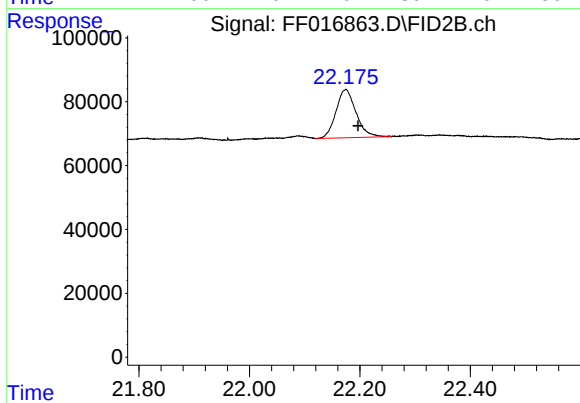
#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: -0.014 min
Response: 417146
Conc: 4.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: -0.016 min
Response: 372143
Conc: 4.23 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.174 min
Delta R.T.: -0.023 min
Response: 380491
Conc: 4.49 ug/ml