

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090825AL\
 Data File : FF016346.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2025 14:24
 Operator : YP\AJ
 Sample : Q2893-09
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2025
 Supervised By :mohammad ahmed 09/12/2025

Integration File: autoint1.e
 Quant Time: Sep 09 02:01:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 03:35:42 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...	13.411	3230789	28.964 ug/mlm
Spiked Amount 50.000		Recovery =	57.93%
Target Compounds			
1) T n-Nonane (C9)	3.330	153569	1.314 ug/ml
2) T n-Decane (C10)	4.590	176523	1.490 ug/ml
4) T n-Dodecane (C12)	6.767	211714	1.764 ug/ml
6) T n-Tetradecane (C14)	8.599	265520	2.203 ug/ml
7) T n-Hexadecane (C16)	10.208	221124	1.771 ug/mlm
8) T n-Octadecane (C18)	11.652	259224	2.001 ug/mlm
10) T n-Eicosane (C20)	12.966	277232	2.168 ug/ml
11) T n-Heneicosane (C21)	13.579	253251	1.995 ug/ml
13) T n-Docosane (C22)	14.167	267004	2.103 ug/ml
14) T n-Tetracosane (C24)	15.271	269129	2.104 ug/mlm
15) T n-Hexacosane (C26)	16.294	253896	2.031 ug/mlm
16) T n-Octacosane (C28)	17.248	251799	2.055 ug/ml
17) T n-Tricontane (C30)	18.136	263955	2.119 ug/mlm
18) T n-Dotriacontane (C32)	18.972	272395	2.260 ug/ml
19) T n-Tetratriacontane (C34)	19.758	254249	2.332 ug/ml
20) T n-Hexatriacontane (C36)	20.502	224355	2.404 ug/ml
21) T n-Octatriacontane (C38)	21.261	203431	2.419 ug/ml
22) T n-Tetracontane (C40)	22.215	180653	2.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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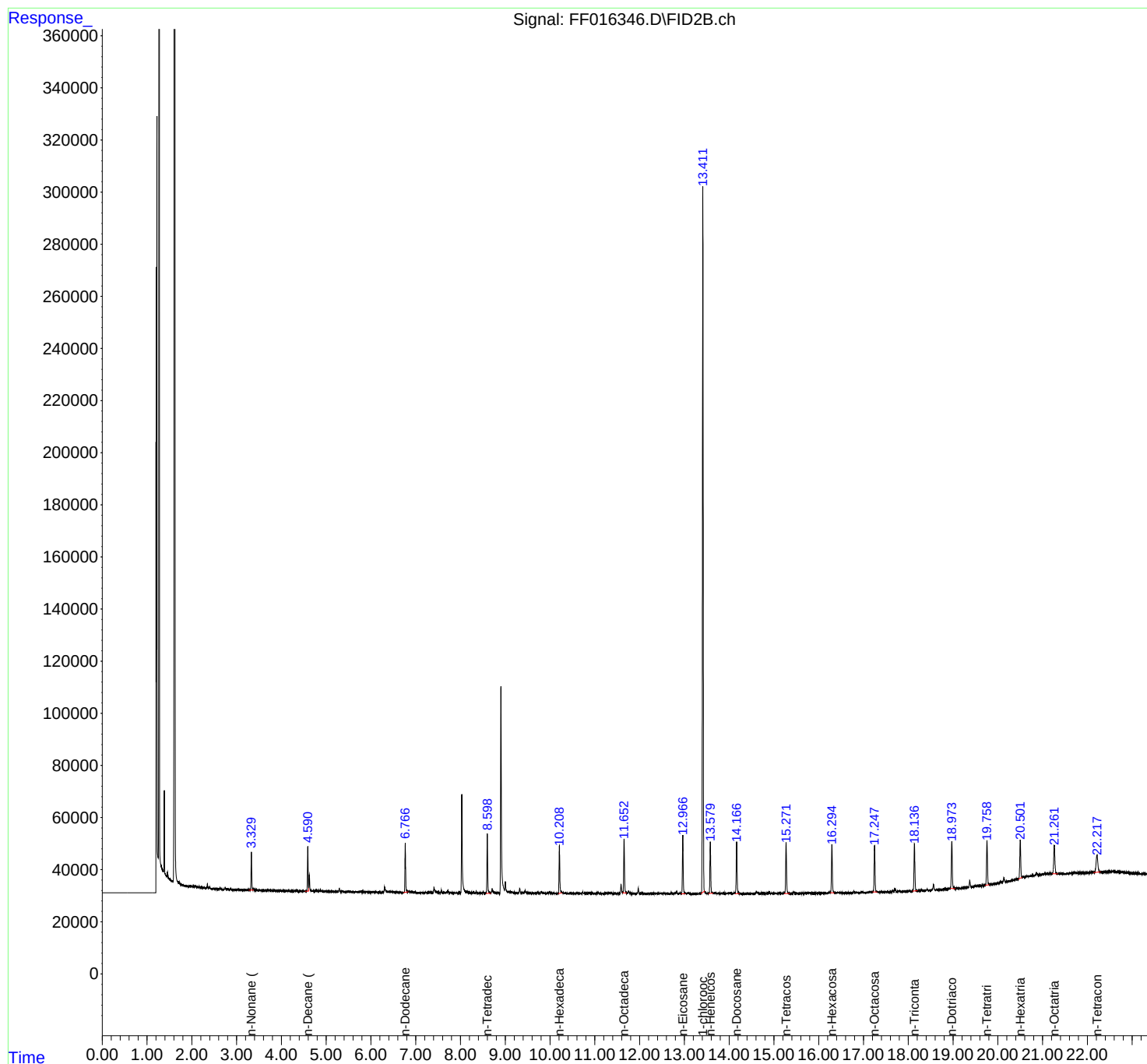
Instrument :
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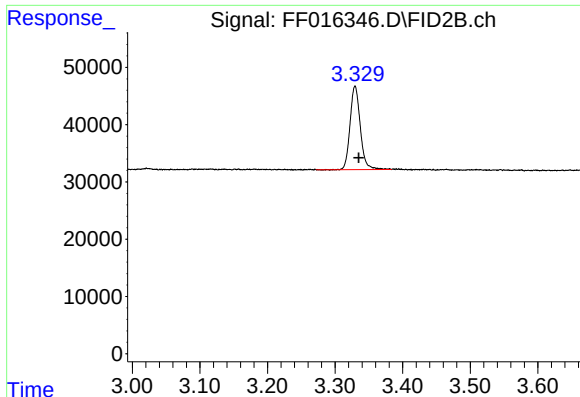
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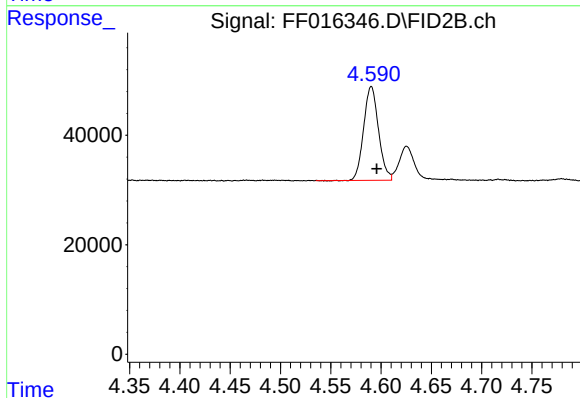
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 153569
Conc: 1.31 ug/ml

Instrument :
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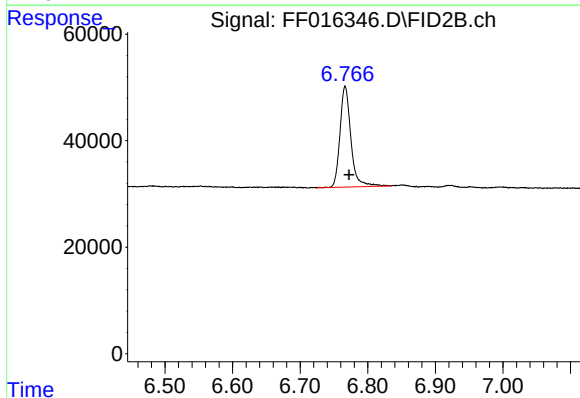
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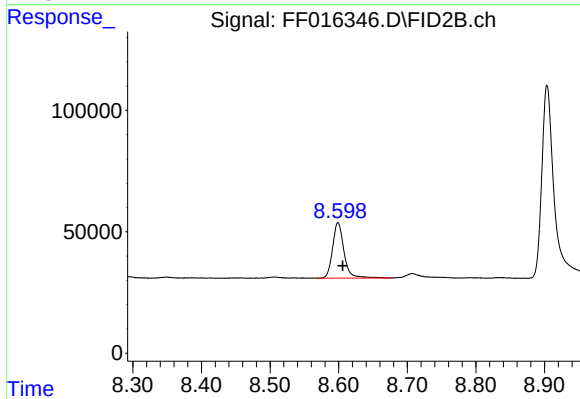
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.005 min
Response: 176523
Conc: 1.49 ug/ml



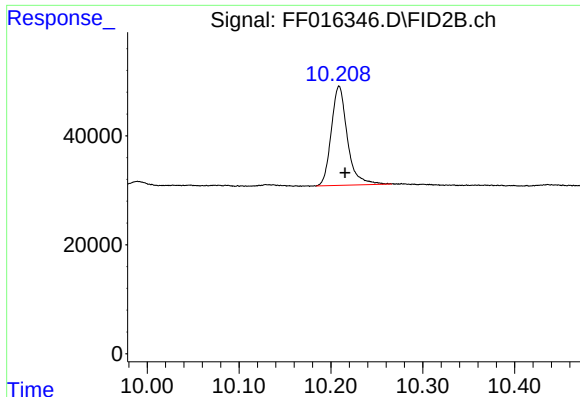
#4 n-Dodecane (C12)

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 211714
Conc: 1.76 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.007 min
Response: 265520
Conc: 2.20 ug/ml



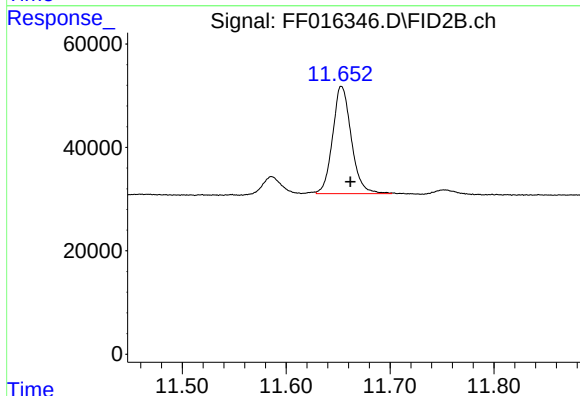
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.007 min
Response: 221124
Conc: 1.77 ug/ml

Instrument :
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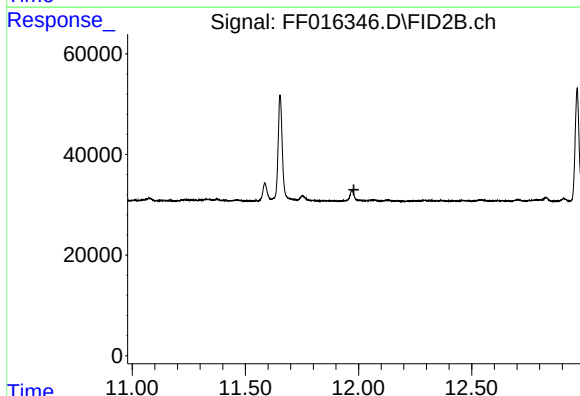
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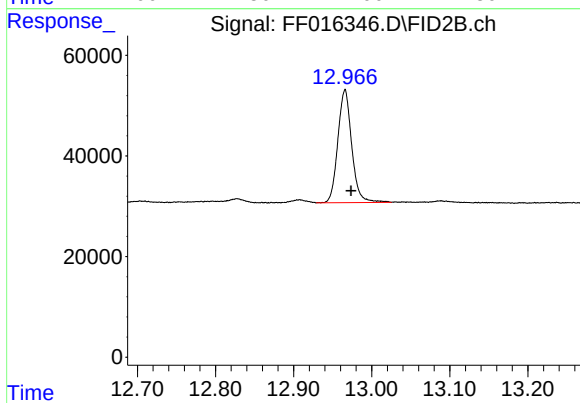
#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.010 min
Response: 259224
Conc: 2.00 ug/ml m



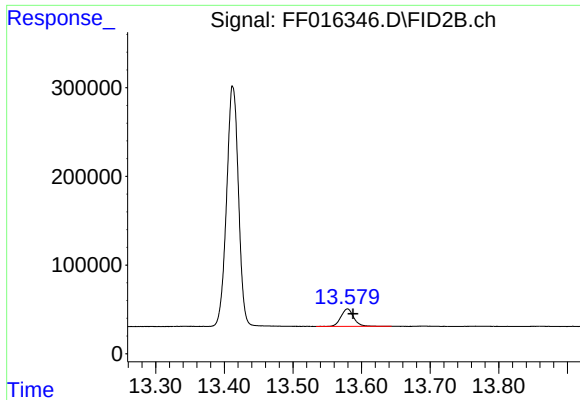
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.980 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.008 min
Response: 277232
Conc: 2.17 ug/ml



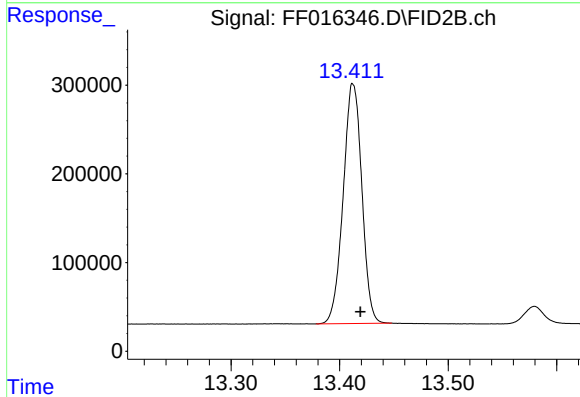
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.008 min
Response: 253251
Conc: 1.99 ug/ml

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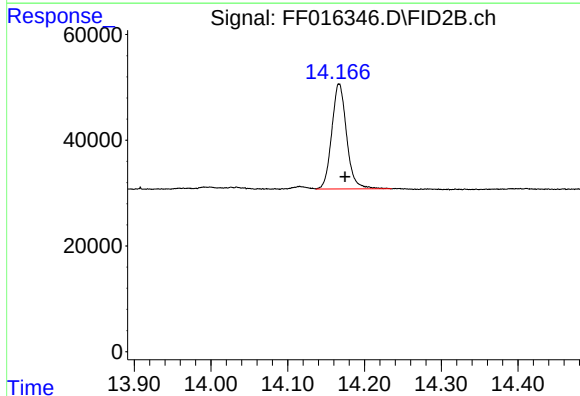
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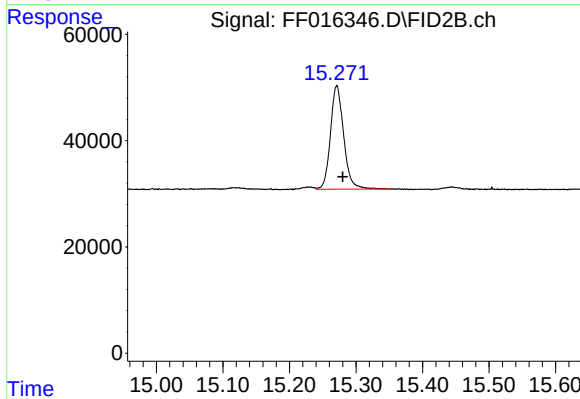
#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: -0.008 min
Response: 3230789
Conc: 28.96 ug/ml m



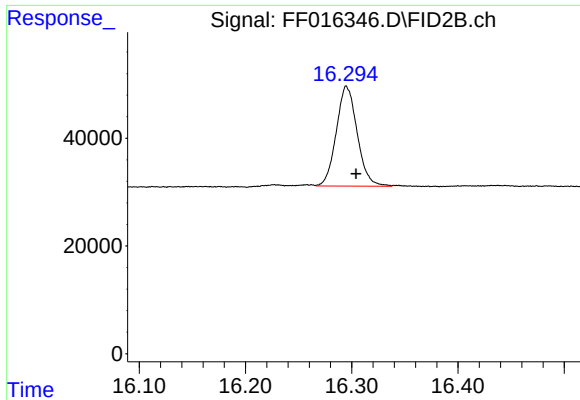
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: -0.007 min
Response: 267004
Conc: 2.10 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.009 min
Response: 269129
Conc: 2.10 ug/ml m



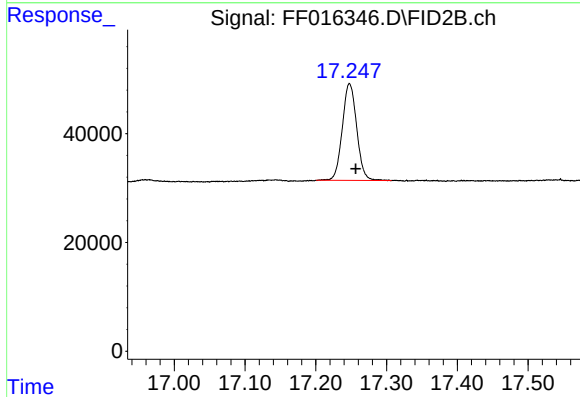
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: -0.010 min
Response: 253896
Conc: 2.03 ug/ml

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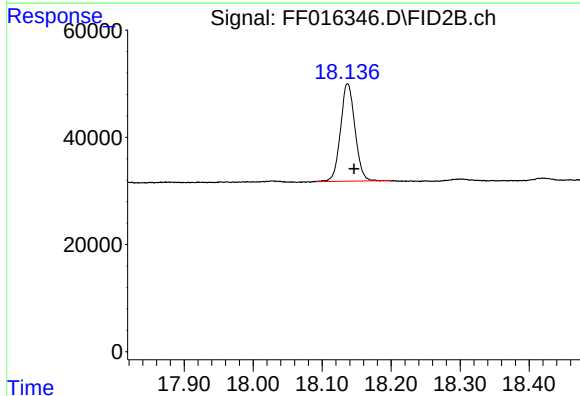
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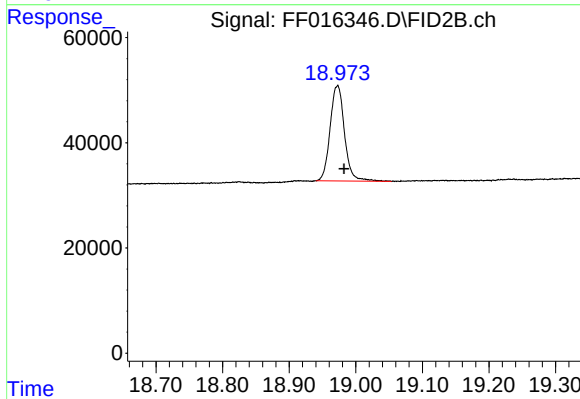
#16 n-Octacosane (C28)

R.T.: 17.248 min
Delta R.T.: -0.009 min
Response: 251799
Conc: 2.06 ug/ml



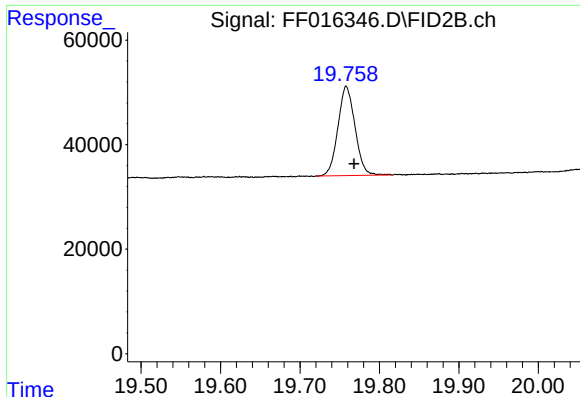
#17 n-Tricontane (C30)

R.T.: 18.136 min
Delta R.T.: -0.010 min
Response: 263955
Conc: 2.12 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.972 min
Delta R.T.: -0.010 min
Response: 272395
Conc: 2.26 ug/ml



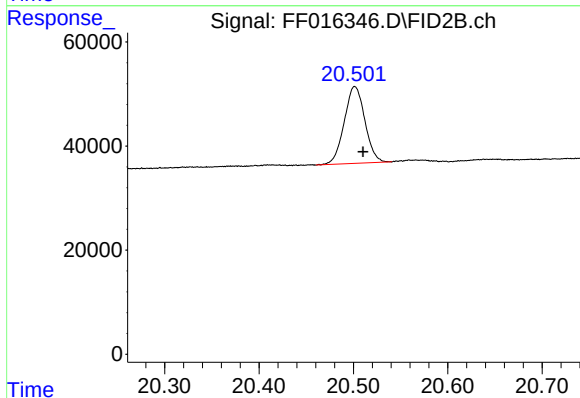
#19 n-Tetratriacontane (C34)

R.T.: 19.758 min
Delta R.T.: -0.010 min
Response: 254249
Conc: 2.33 ug/ml

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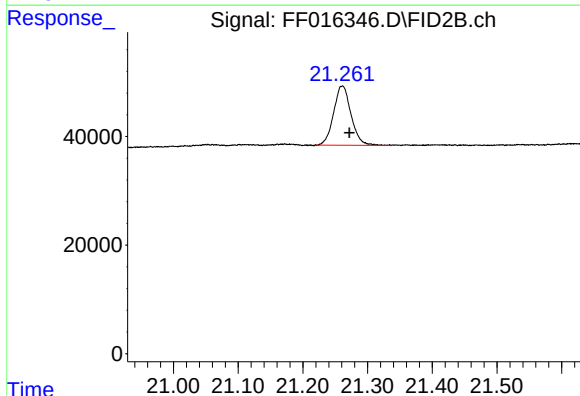
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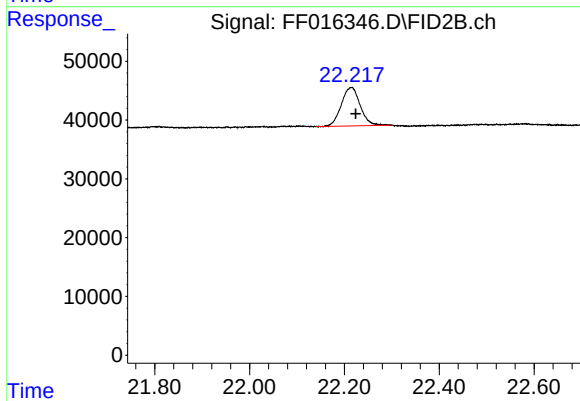
#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: -0.009 min
Response: 224355
Conc: 2.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: -0.011 min
Response: 203431
Conc: 2.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.215 min
Delta R.T.: -0.010 min
Response: 180653
Conc: 2.30 ug/ml