

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090825AL\
 Data File : FF016347.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2025 14:54
 Operator : YP\AJ
 Sample : Q2893-08
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-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 02:02:18 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...	13.412	3280044	29.406 ug/mlm
Spiked Amount 50.000		Recovery =	58.81%
Target Compounds			
1) T n-Nonane (C9)	3.330	294669	2.520 ug/ml
2) T n-Decane (C10)	4.589	354353	2.992 ug/mlm
4) T n-Dodecane (C12)	6.766	394047	3.283 ug/ml
6) T n-Tetradecane (C14)	8.598	469137	3.893 ug/ml
7) T n-Hexadecane (C16)	10.208	449993	3.603 ug/mlm
8) T n-Octadecane (C18)	11.652	505239	3.900 ug/mlm
10) T n-Eicosane (C20)	12.965	561072	4.388 ug/ml
11) T n-Heneicosane (C21)	13.579	517917	4.079 ug/ml
13) T n-Docosane (C22)	14.166	532514	4.194 ug/ml
14) T n-Tetracosane (C24)	15.271	532680	4.164 ug/ml
15) T n-Hexacosane (C26)	16.295	502826	4.022 ug/mlm
16) T n-Octacosane (C28)	17.247	504989	4.122 ug/ml
17) T n-Tricontane (C30)	18.137	524817	4.214 ug/ml
18) T n-Dotriacontane (C32)	18.972	522634	4.336 ug/ml
19) T n-Tetratriacontane (C34)	19.758	497320	4.561 ug/ml
20) T n-Hexatriacontane (C36)	20.501	446709	4.786 ug/ml
21) T n-Octatriacontane (C38)	21.259	406112	4.829 ug/ml
22) T n-Tetracontane (C40)	22.208	360456	4.591 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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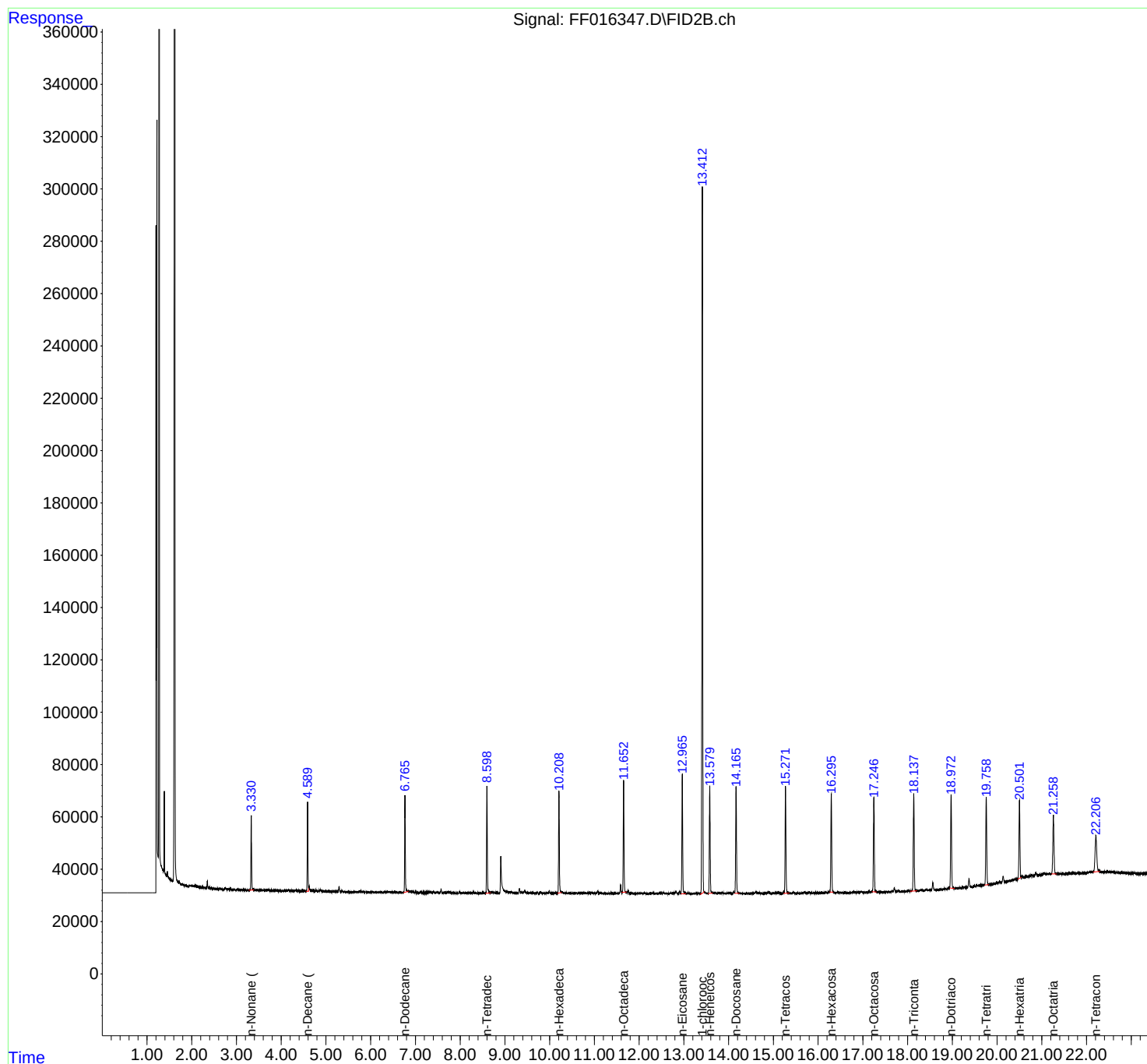
Instrument :
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ClientSampleId :
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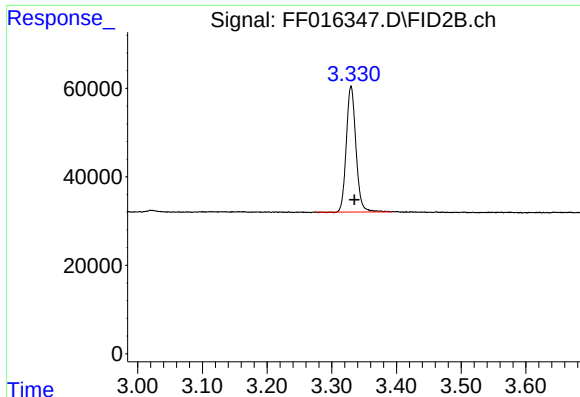
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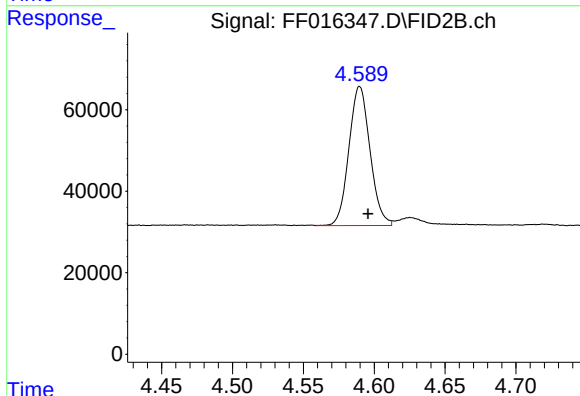
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 294669
Conc: 2.52 ug/ml

Instrument :
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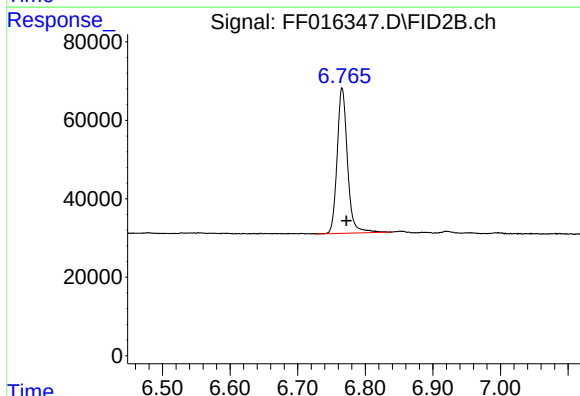
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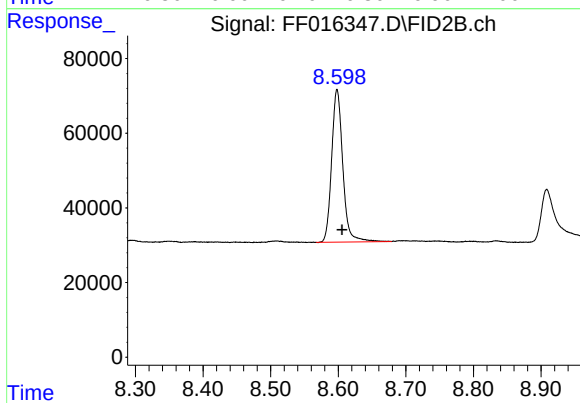
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.006 min
Response: 354353
Conc: 2.99 ug/ml m



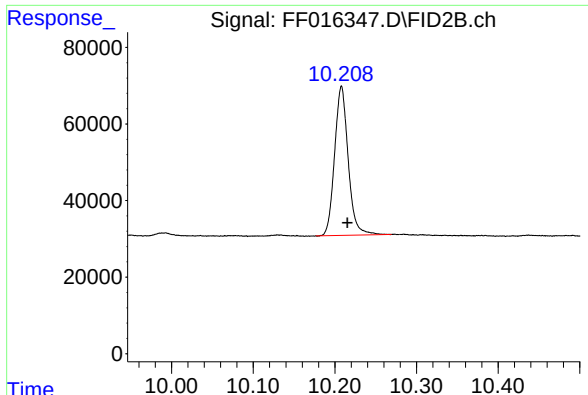
#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 394047
Conc: 3.28 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.008 min
Response: 469137
Conc: 3.89 ug/ml



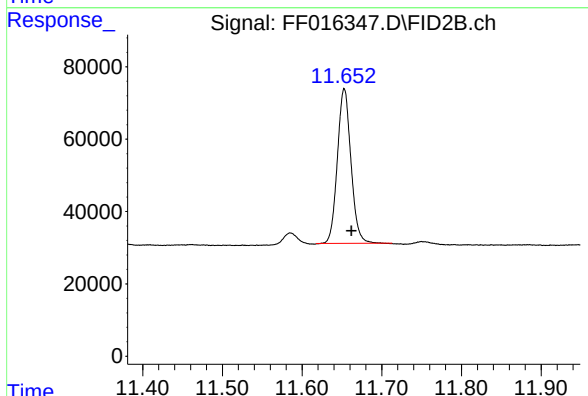
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.007 min
Response: 449993
Conc: 3.60 ug/ml

Instrument :
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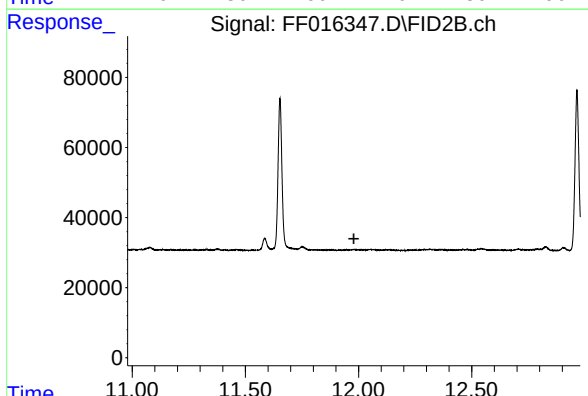
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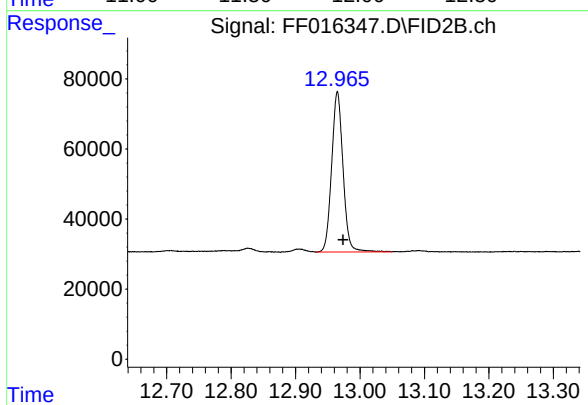
#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.010 min
Response: 505239
Conc: 3.90 ug/ml m



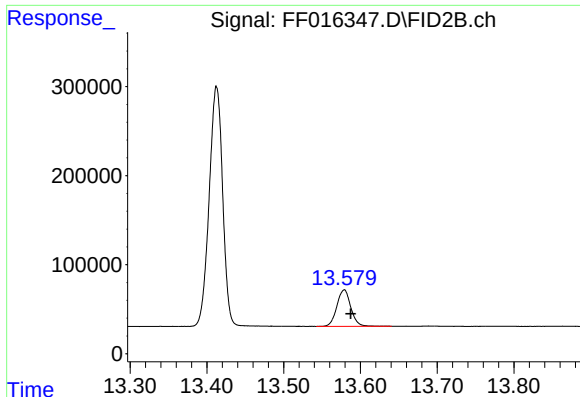
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.009 min
Response: 561072
Conc: 4.39 ug/ml



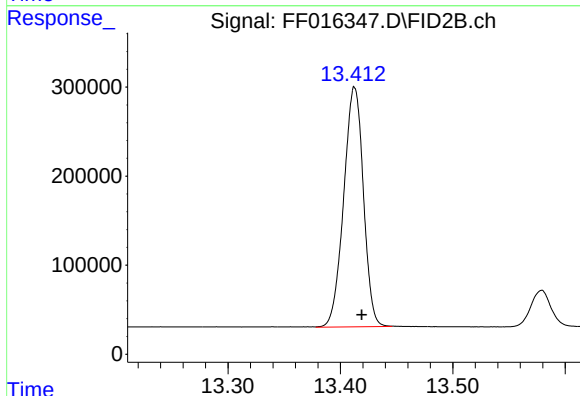
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.009 min
Response: 517917
Conc: 4.08 ug/ml

Instrument :
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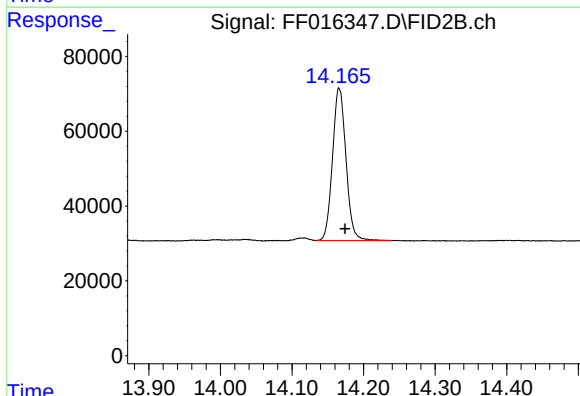
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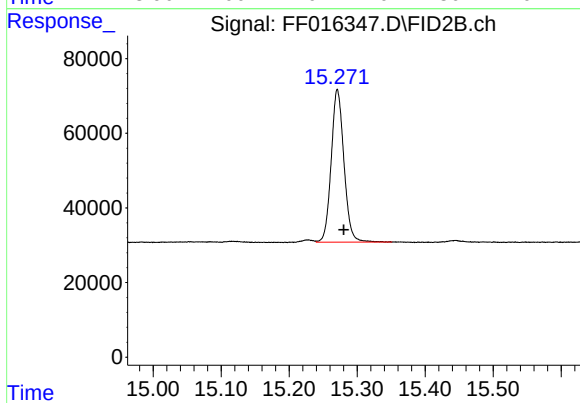
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: -0.008 min
Response: 3280044
Conc: 29.41 ug/ml m



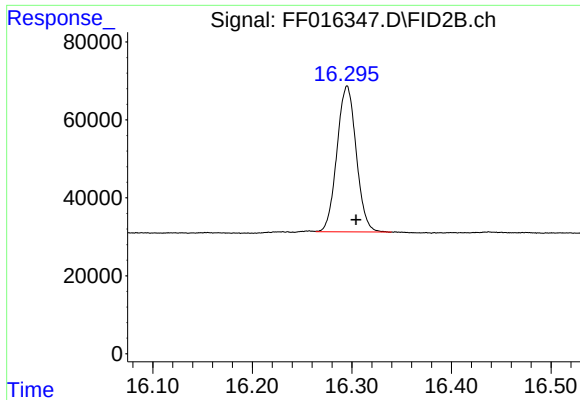
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: -0.008 min
Response: 532514
Conc: 4.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.009 min
Response: 532680
Conc: 4.16 ug/ml



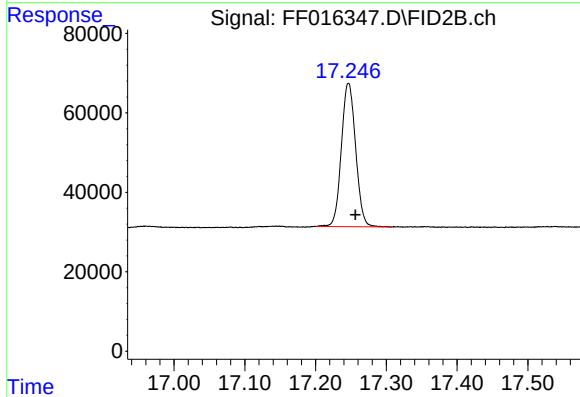
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: -0.009 min
Response: 502826
Conc: 4.02 ug/ml

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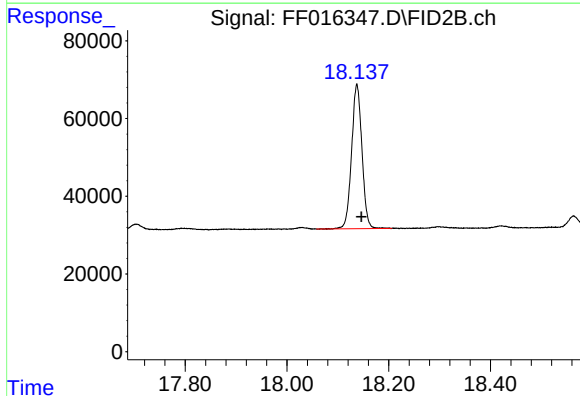
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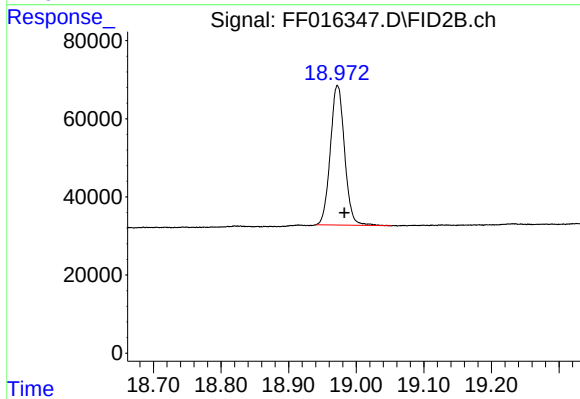
#16 n-Octacosane (C28)

R.T.: 17.247 min
Delta R.T.: -0.010 min
Response: 504989
Conc: 4.12 ug/ml



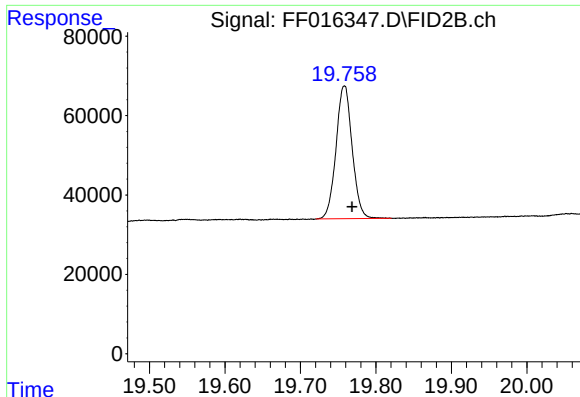
#17 n-Tricontane (C30)

R.T.: 18.137 min
Delta R.T.: -0.009 min
Response: 524817
Conc: 4.21 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.972 min
Delta R.T.: -0.010 min
Response: 522634
Conc: 4.34 ug/ml



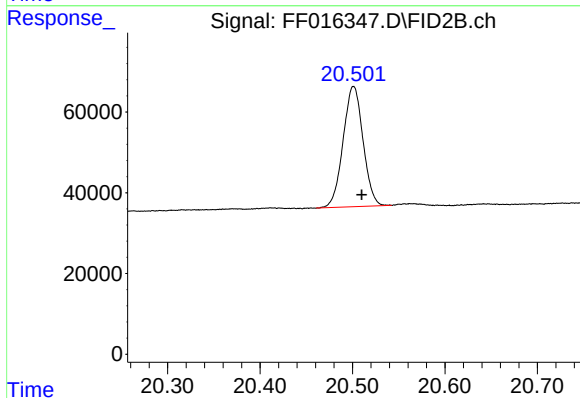
#19 n-Tetratriacontane (C34)

R.T.: 19.758 min
Delta R.T.: -0.010 min
Response: 497320
Conc: 4.56 ug/ml

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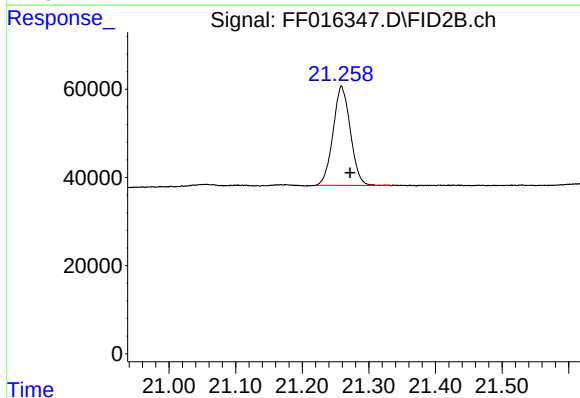
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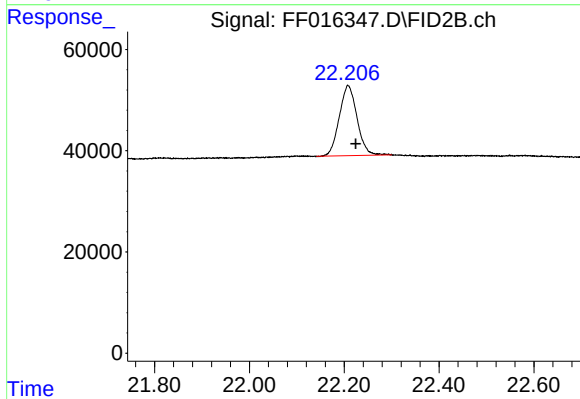
#20 n-Hexatriacontane (C36)

R.T.: 20.501 min
Delta R.T.: -0.009 min
Response: 446709
Conc: 4.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: -0.013 min
Response: 406112
Conc: 4.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: -0.016 min
Response: 360456
Conc: 4.59 ug/ml