

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120825AL\
 Data File : FF016864.D
 Signal(s) : FID2B.ch
 Acq On : 08 Dec 2025 17:50
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-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 04:35:54 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...	13.385	2608701	22.726 ug/mlm
Spiked Amount 50.000		Recovery =	45.45%
Target Compounds			
1) T n-Nonane (C9)	3.301	393233	3.278 ug/ml
2) T n-Decane (C10)	4.560	507409	4.150 ug/ml
4) T n-Dodecane (C12)	6.738	621297	5.044 ug/ml
6) T n-Tetradecane (C14)	8.571	627479	5.170 ug/ml
7) T n-Hexadecane (C16)	10.179	589479	4.637 ug/mlm
8) T n-Octadecane (C18)	11.625	640123	4.845 ug/ml
10) T n-Eicosane (C20)	12.939	709349	5.388 ug/ml
11) T n-Heneicosane (C21)	13.552	646970	4.955 ug/ml
13) T n-Docosane (C22)	14.140	675348	5.079 ug/ml
14) T n-Tetracosane (C24)	15.247	648905	4.665 ug/ml
15) T n-Hexacosane (C26)	16.271	638078	4.606 ug/ml
16) T n-Octacosane (C28)	17.225	615214	4.451 ug/ml
17) T n-Tricontane (C30)	18.115	624156	4.438 ug/ml
18) T n-Dotriacontane (C32)	18.952	622455	4.592 ug/mlm
19) T n-Tetratriacontane (C34)	19.738	605078	5.115 ug/ml
20) T n-Hexatriacontane (C36)	20.482	595147	6.066 ug/ml
21) T n-Octatriacontane (C38)	21.235	556583	6.323 ug/ml
22) T n-Tetracontane (C40)	22.173	552900	6.520 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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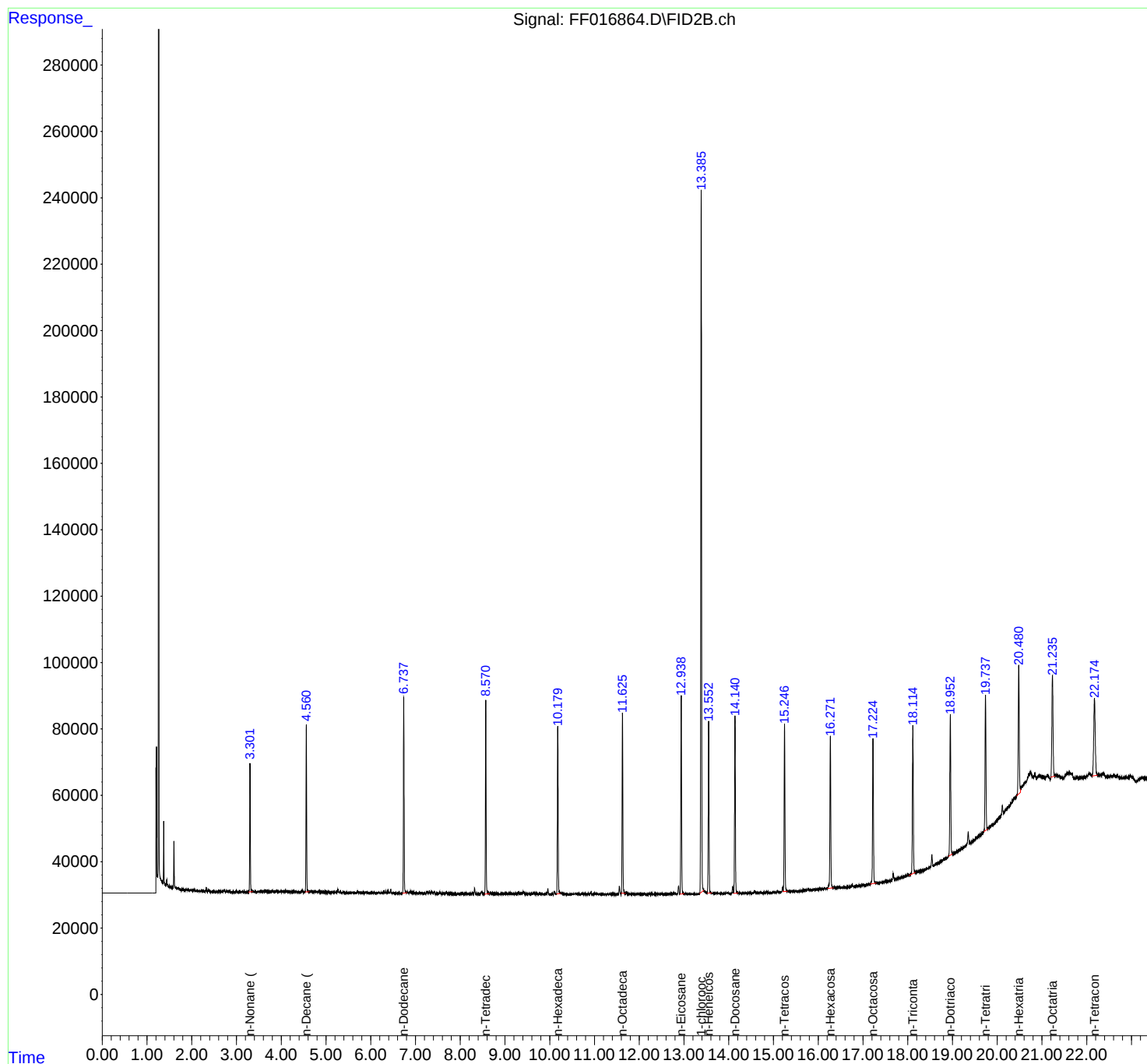
Instrument :
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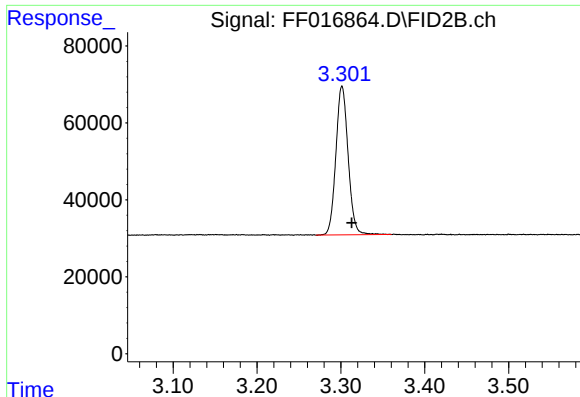
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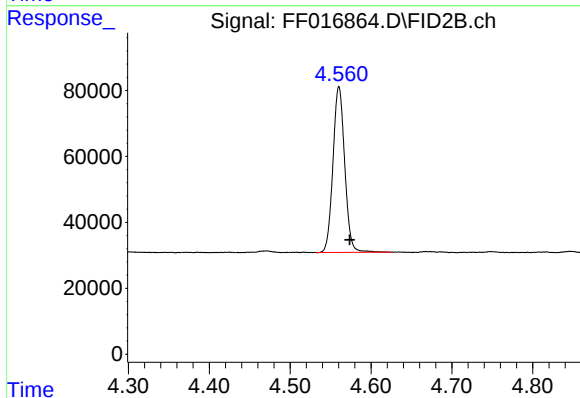
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.012 min
Response: 393233
Conc: 3.28 ug/ml

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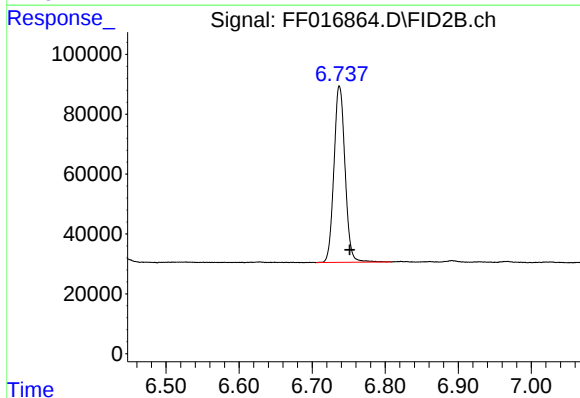
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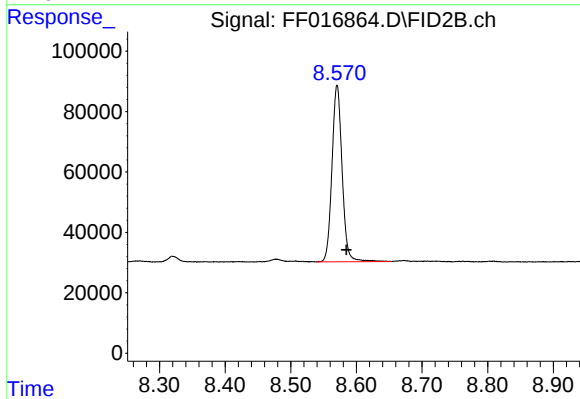
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.013 min
Response: 507409
Conc: 4.15 ug/ml



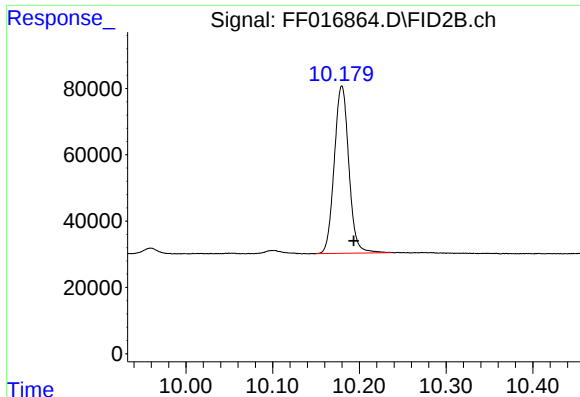
#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: -0.014 min
Response: 621297
Conc: 5.04 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.014 min
Response: 627479
Conc: 5.17 ug/ml



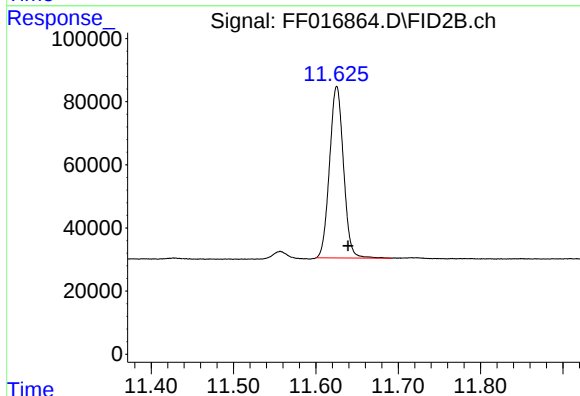
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.014 min
Response: 589479
Conc: 4.64 ug/ml

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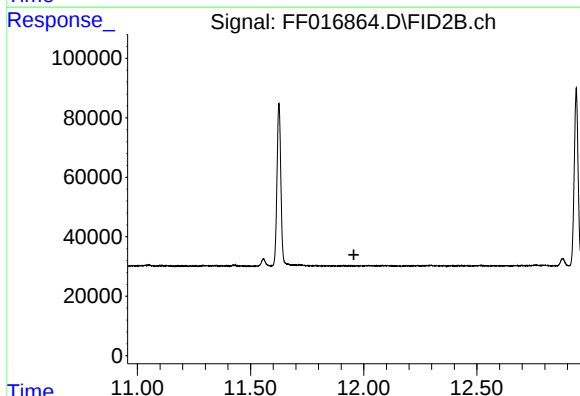
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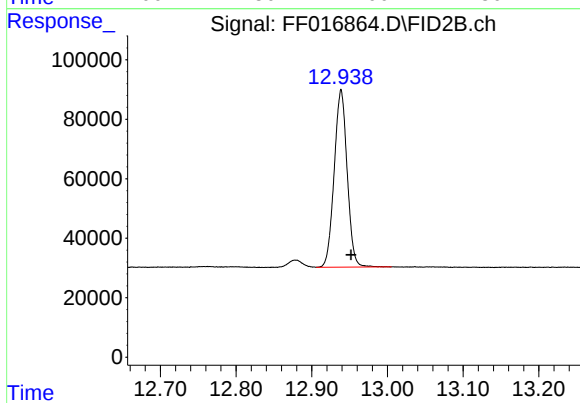
#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: -0.014 min
Response: 640123
Conc: 4.84 ug/ml



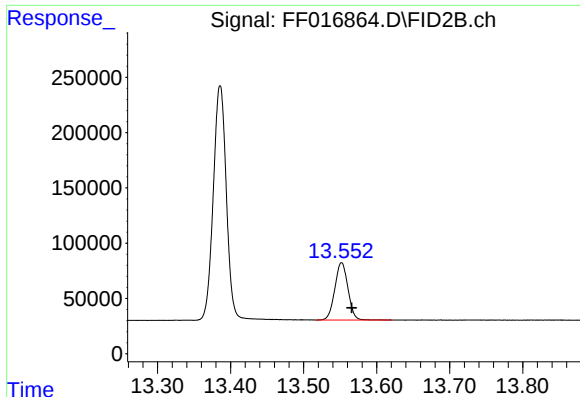
#9 ortho-Terphenyl (SURR)

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: 709349
Conc: 5.39 ug/ml



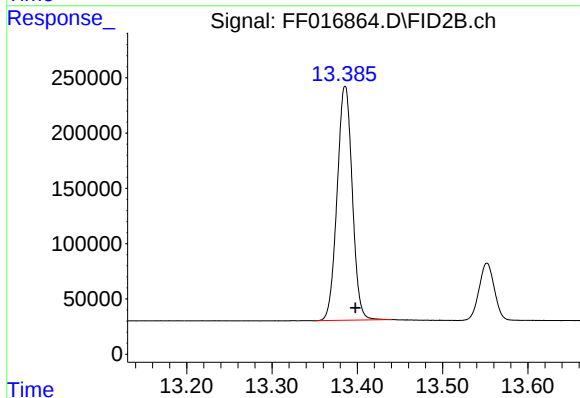
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.014 min
Response: 646970
Conc: 4.96 ug/ml

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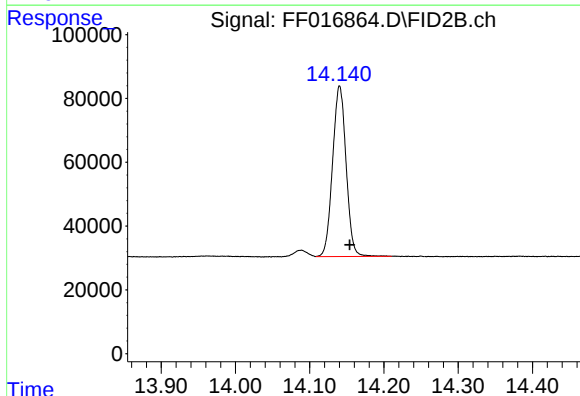
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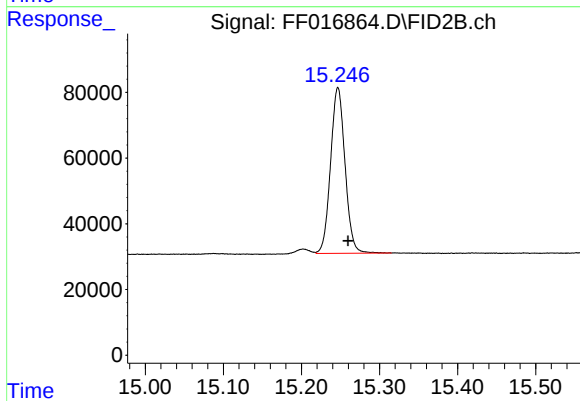
#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.013 min
Response: 2608701
Conc: 22.73 ug/ml m



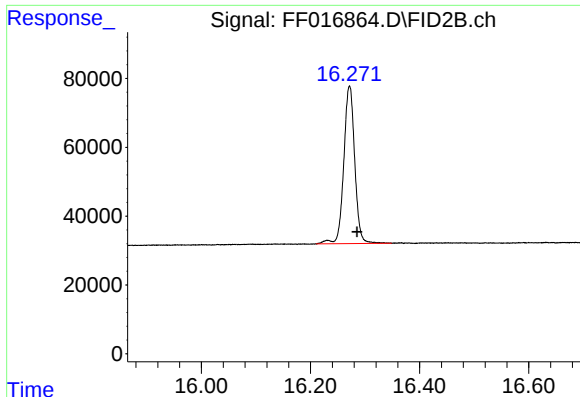
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: -0.014 min
Response: 675348
Conc: 5.08 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.013 min
Response: 648905
Conc: 4.66 ug/ml



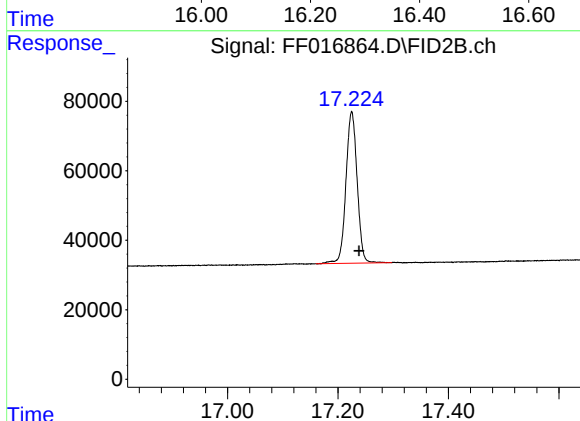
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.014 min
Response: 638078
Conc: 4.61 ug/ml

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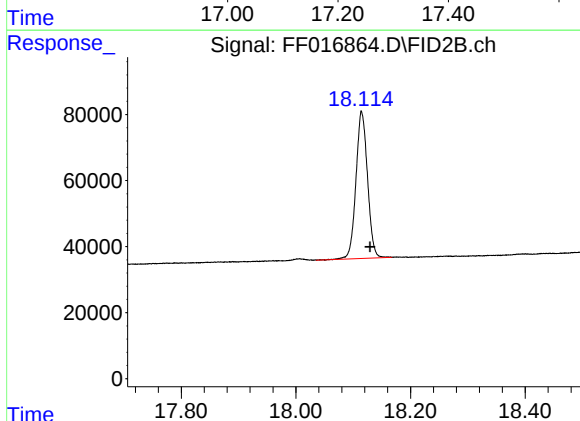
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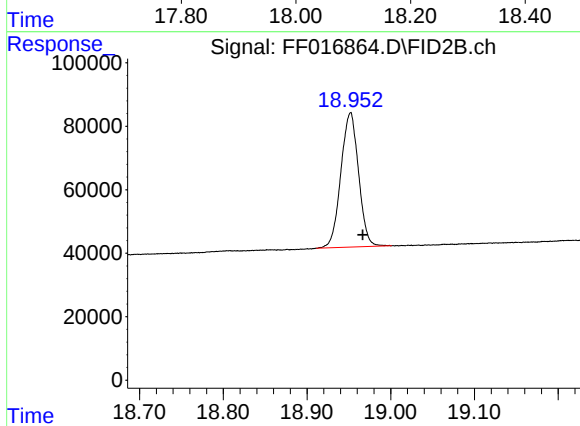
#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.014 min
Response: 615214
Conc: 4.45 ug/ml



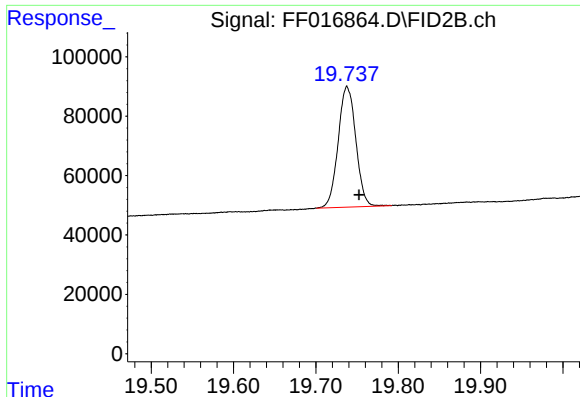
#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.015 min
Response: 624156
Conc: 4.44 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.014 min
Response: 622455
Conc: 4.59 ug/ml m



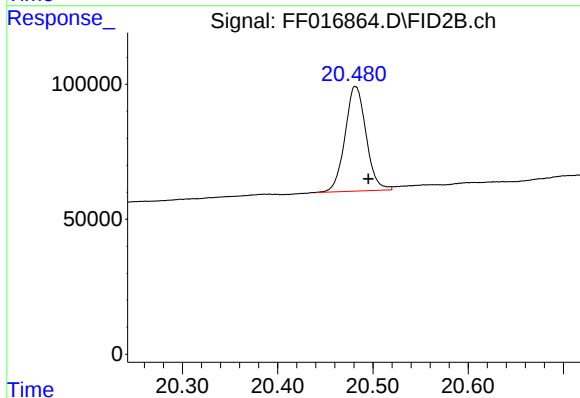
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: -0.014 min
Response: 605078
Conc: 5.11 ug/ml

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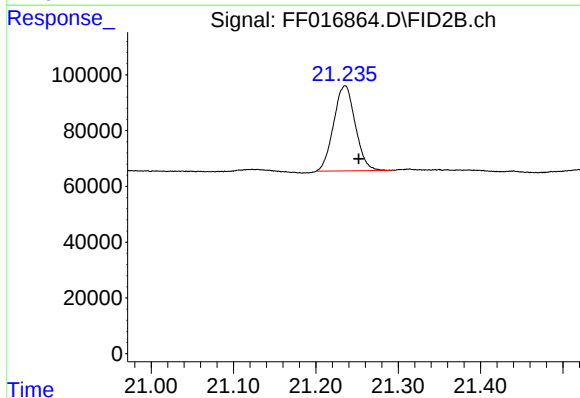
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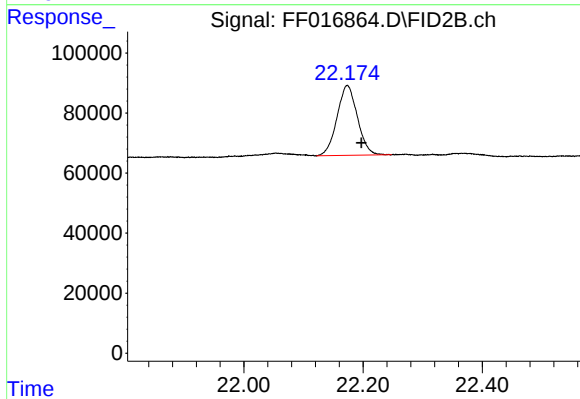
#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: -0.013 min
Response: 595147
Conc: 6.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.235 min
Delta R.T.: -0.017 min
Response: 556583
Conc: 6.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: -0.024 min
Response: 552900
Conc: 6.52 ug/ml