

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100925AL\
 Data File : FC069965.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2025 13:43
 Operator : YP/AJ
 Sample : Q3301-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SOILMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2025
 Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E
 Quant Time: Oct 09 05:30:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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...	13.101	7263664	53.511 ug/mlm
Spiked Amount 50.000		Recovery =	107.02%
Target Compounds			
1) T n-Nonane (C9)	3.384	5703067	41.532 ug/mlm
2) T n-Decane (C10)	4.463	16257816	113.088 ug/ml
4) T n-Dodecane (C12)	6.506	48643461	317.358 ug/mlm
6) T n-Tetradecane (C14)	8.325f	80534695	506.368 ug/mlm
7) T n-Hexadecane (C16)	9.939f	96727676	573.980 ug/mlm
8) T n-Octadecane (C18)	11.381f	75810555	445.605 ug/mlm
10) T n-Eicosane (C20)	12.681	55138045	343.681 ug/mlm
11) T n-Heneicosane (C21)	13.285	44164231	284.429 ug/ml
13) T n-Docosane (C22)	13.862	30346364	197.188 ug/ml
14) T n-Tetracosane (C24)	14.951	13669221	90.148 ug/ml
15) T n-Hexacosane (C26)	15.966	8951510	61.845 ug/ml
16) T n-Octacosane (C28)	16.916	7711333	55.757 ug/ml
17) T n-Tricontane (C30)	17.803	7321175	53.622 ug/ml
18) T n-Dotriacontane (C32)	18.637	6890664	53.444 ug/ml
19) T n-Tetratriacontane (C34)	19.420	6694728	58.674 ug/ml
20) T n-Hexatriacontane (C36)	20.159	6223638	64.353 ug/ml
21) T n-Octatriacontane (C38)	20.919	6011611	68.973 ug/ml
22) T n-Tetracontane (C40)	21.873	5765701	70.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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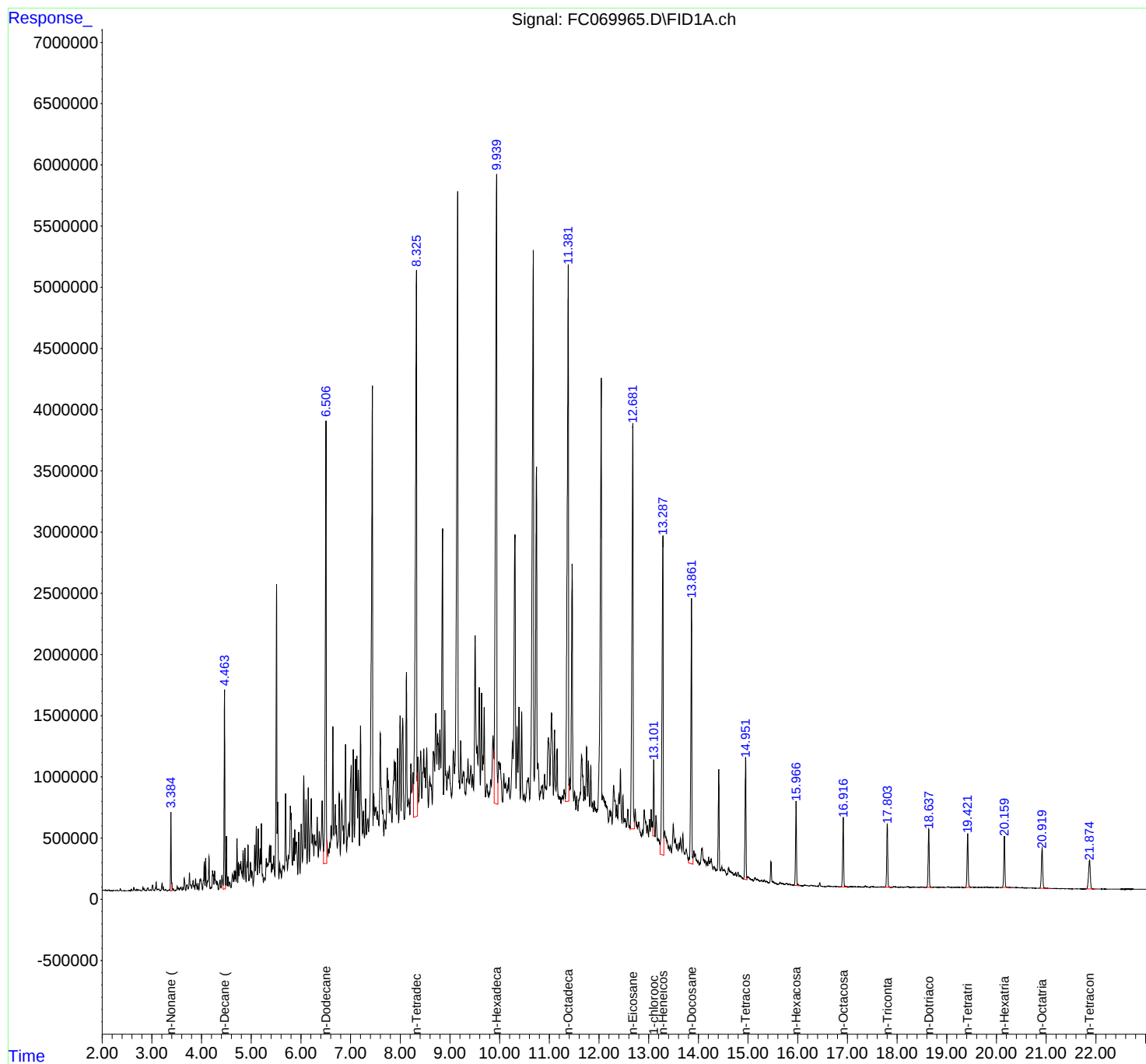
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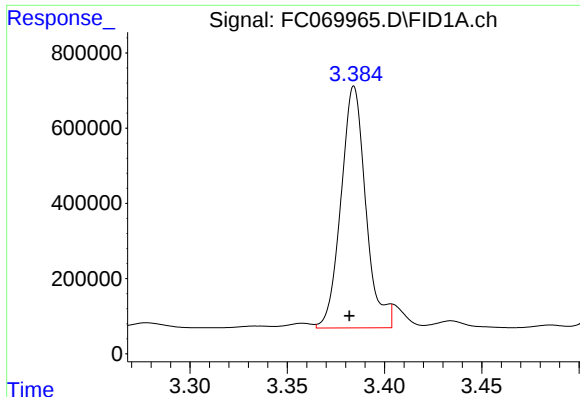
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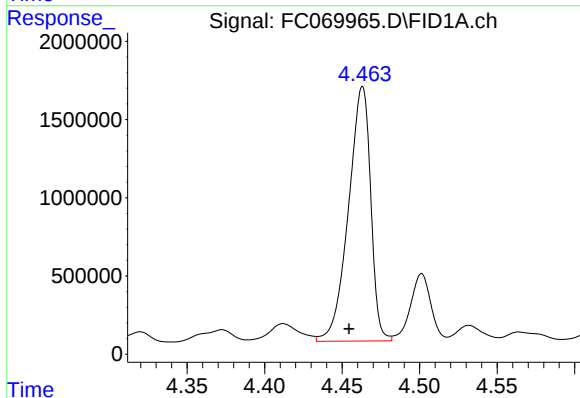
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 5703067
Conc: 41.53 ug/ml

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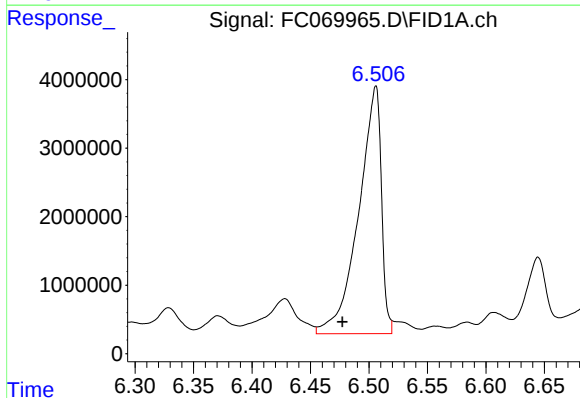
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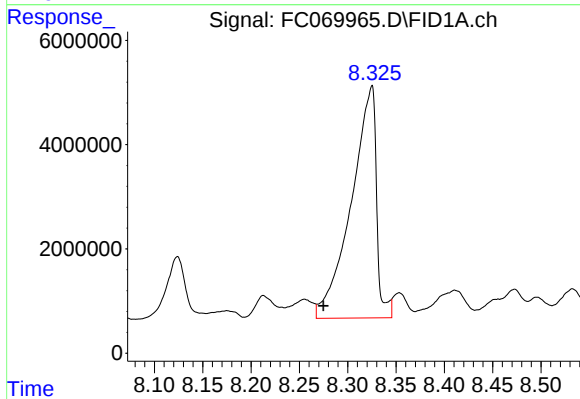
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: 0.008 min
Response: 16257816
Conc: 113.09 ug/ml



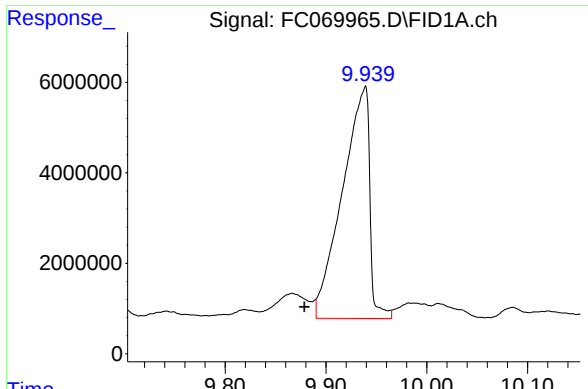
#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.029 min
Response: 48643461
Conc: 317.36 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.325 min
Delta R.T.: 0.050 min
Response: 80534695
Conc: 506.37 ug/ml m



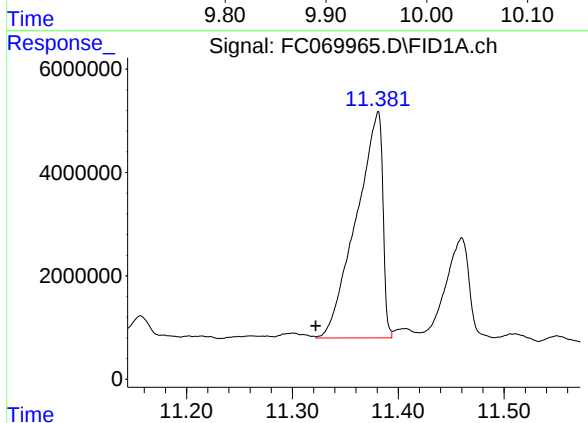
#7 n-Hexadecane (C16)

R.T.: 9.939 min
Delta R.T.: 0.061 min
Response: 96727676
Conc: 573.98 ug/ml

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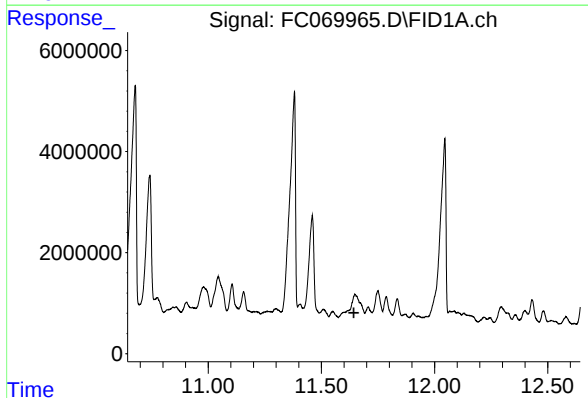
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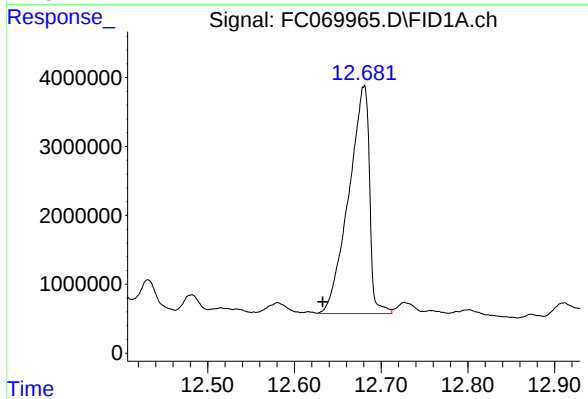
#8 n-Octadecane (C18)

R.T.: 11.381 min
Delta R.T.: 0.059 min
Response: 75810555
Conc: 445.61 ug/ml m



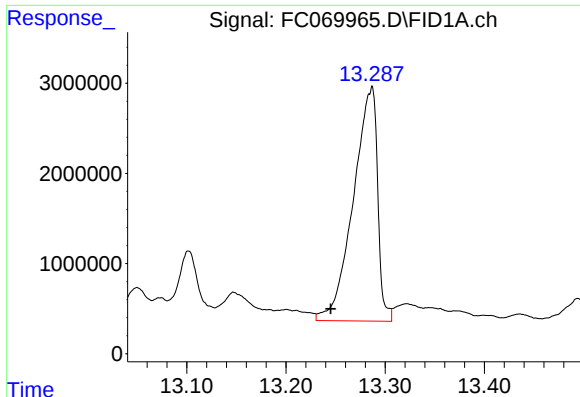
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.644 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: 0.048 min
Response: 55138045
Conc: 343.68 ug/ml m



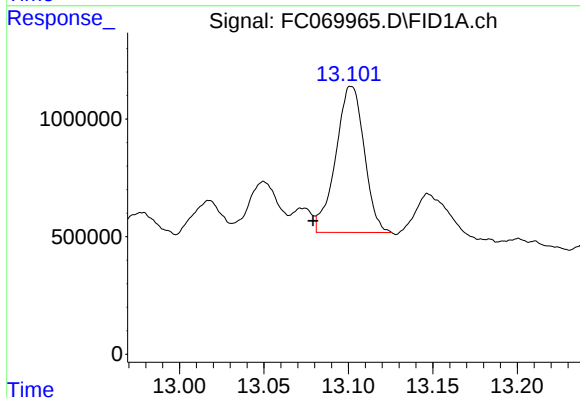
#11 n-Heneicosane (C21)

R.T.: 13.285 min
Delta R.T.: 0.040 min
Response: 44164231
Conc: 284.43 ug/ml

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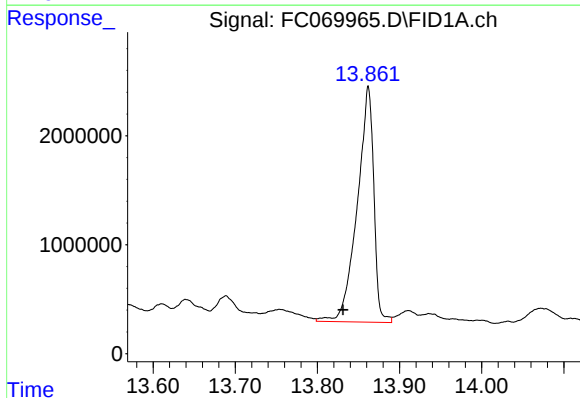
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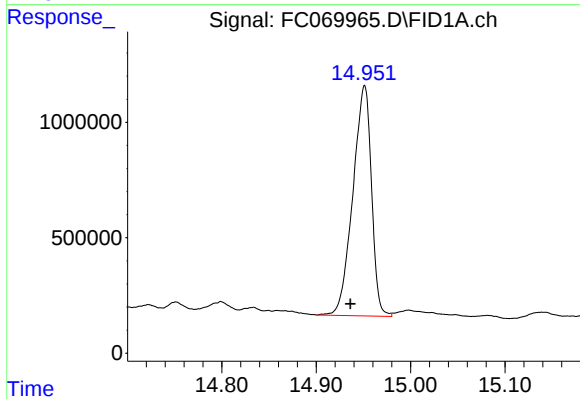
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: 0.021 min
Response: 7263664
Conc: 53.51 ug/ml m



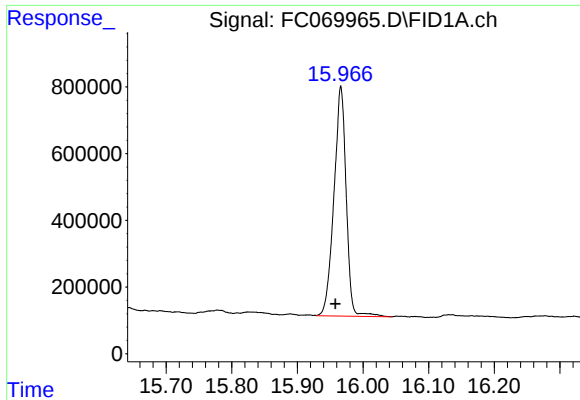
#13 n-Docosane (C22)

R.T.: 13.862 min
Delta R.T.: 0.030 min
Response: 30346364
Conc: 197.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.015 min
Response: 13669221
Conc: 90.15 ug/ml



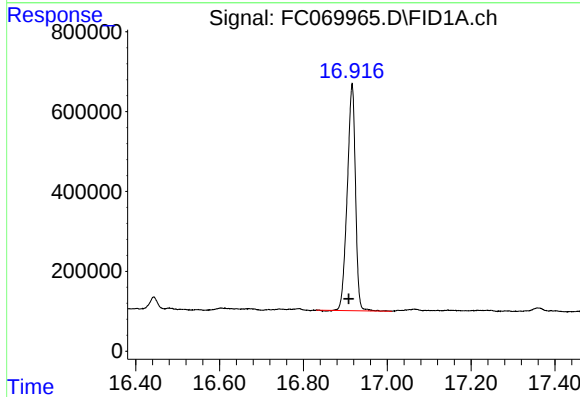
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: 0.008 min
Response: 8951510
Conc: 61.85 ug/ml

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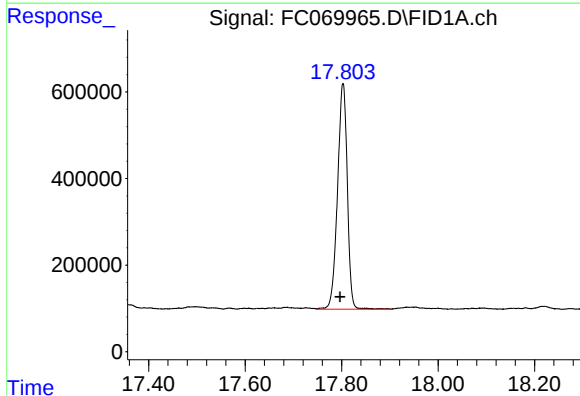
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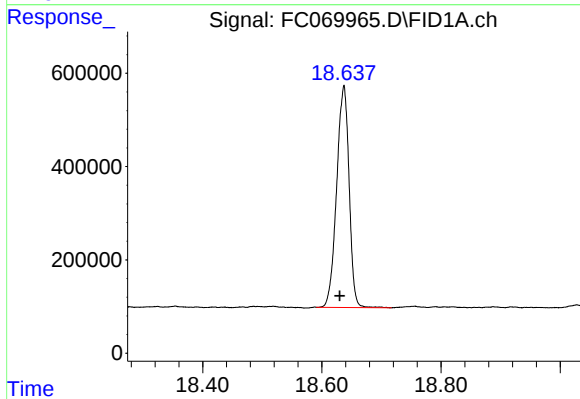
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: 0.008 min
Response: 7711333
Conc: 55.76 ug/ml



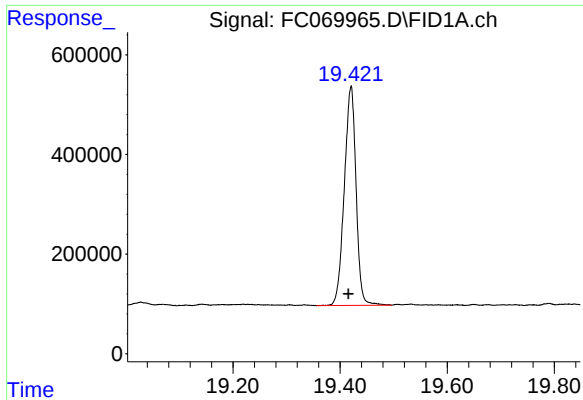
#17 n-Tricontane (C30)

R.T.: 17.803 min
Delta R.T.: 0.006 min
Response: 7321175
Conc: 53.62 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: 0.006 min
Response: 6890664
Conc: 53.44 ug/ml



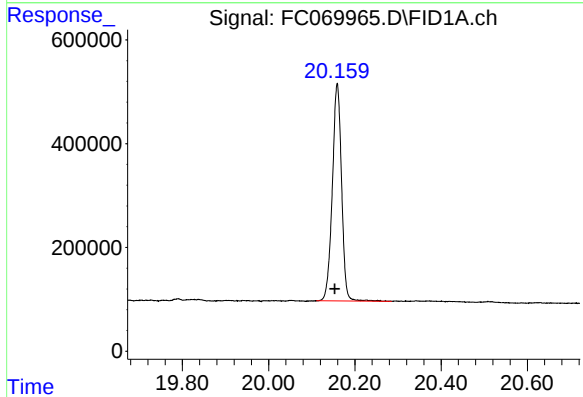
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min
Delta R.T.: 0.005 min
Response: 6694728
Conc: 58.67 ug/ml

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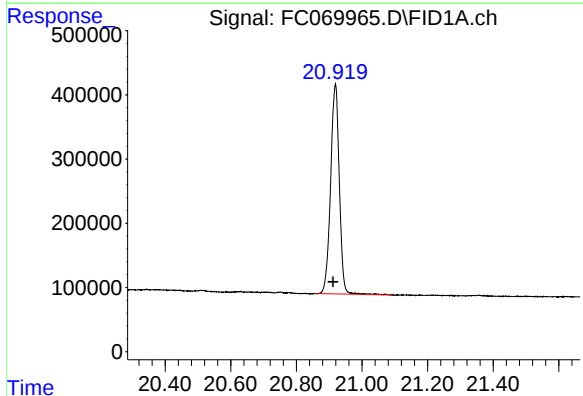
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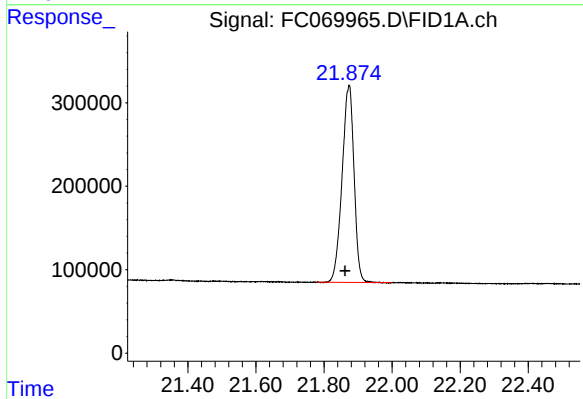
#20 n-Hexatriacontane (C36)

R.T.: 20.159 min
Delta R.T.: 0.006 min
Response: 6223638
Conc: 64.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: 0.007 min
Response: 6011611
Conc: 68.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: 0.012 min
Response: 5765701
Conc: 70.17 ug/ml