

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
 Data File : FC066535.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2024 13:48
 Operator : YP/AJ
 Sample : EPH CARTRIDGES #4
 Misc : E3757
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES #4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e
 Quant Time: Jun 06 04:42:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 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...	12.995	4452327	38.963 ug/ml
Spiked Amount 50.000		Recovery =	77.93%
Target Compounds			
1) T n-Nonane (C9)	3.310	3322218	23.738 ug/ml
2) T n-Decane (C10)	4.379	4186092	29.093 ug/ml
4) T n-Dodecane (C12)	6.401	4621428	32.094 ug/ml
6) T n-Tetradecane (C14)	8.198	5276064	37.373 ug/ml
7) T n-Hexadecane (C16)	9.800	5955718	41.441 ug/ml
8) T n-Octadecane (C18)	11.243	6528311	45.619 ug/ml
10) T n-Eicosane (C20)	12.552	6721182	49.397 ug/ml
11) T n-Heneicosane (C21)	13.165	6501293	48.770 ug/ml
13) T n-Docosane (C22)	13.751	6459055	49.007 ug/ml
14) T n-Tetracosane (C24)	14.854	6386026	49.057 ug/ml
15) T n-Hexacosane (C26)	15.875	6273044	49.324 ug/ml
16) T n-Octacosane (C28)	16.824	6159995	49.618 ug/ml
17) T n-Tricontane (C30)	17.712	6185011	49.077 ug/ml
18) T n-Dotriacontane (C32)	18.545	6159966	50.049 ug/ml
19) T n-Tetratriacontane (C34)	19.329	6118097	51.016 ug/mlm
20) T n-Hexatriacontane (C36)	20.069	6151988	50.777 ug/ml
21) T n-Octatriacontane (C38)	20.803	5962040	51.538 ug/ml
22) T n-Tetracontane (C40)	21.713	5694563	46.488 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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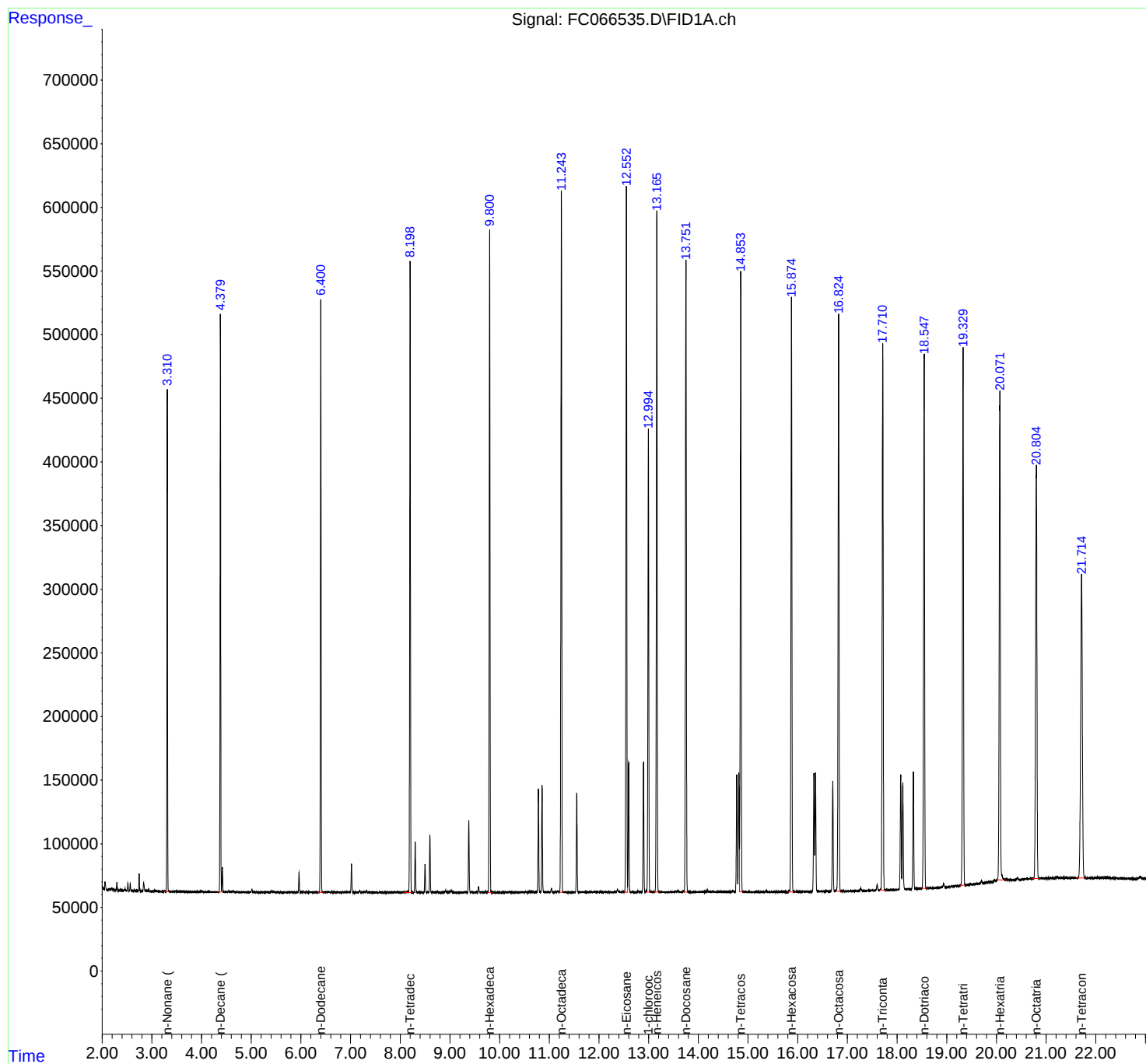
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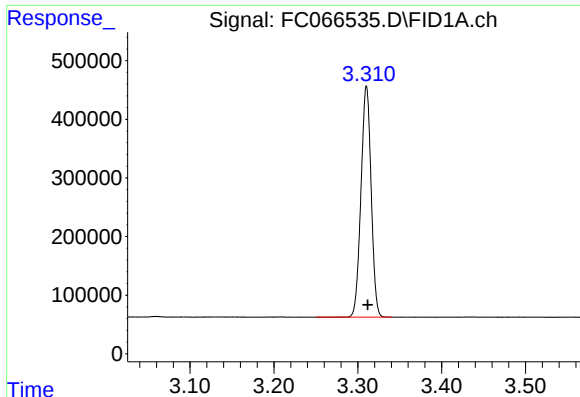
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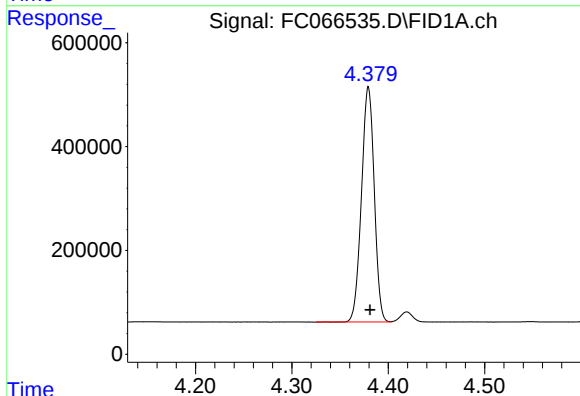
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 3322218
Conc: 23.74 ug/ml

Instrument :
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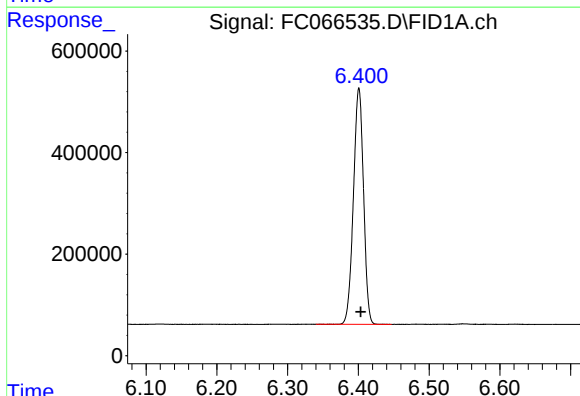
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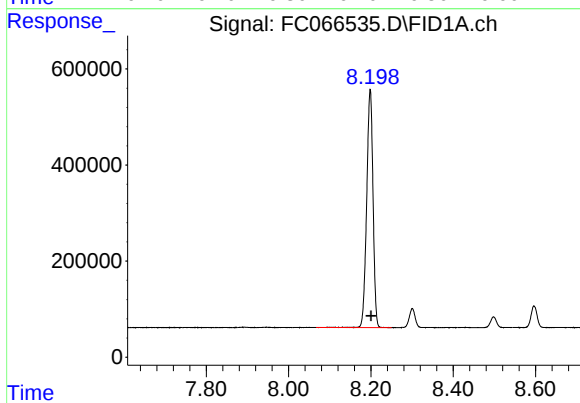
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 4186092
Conc: 29.09 ug/ml



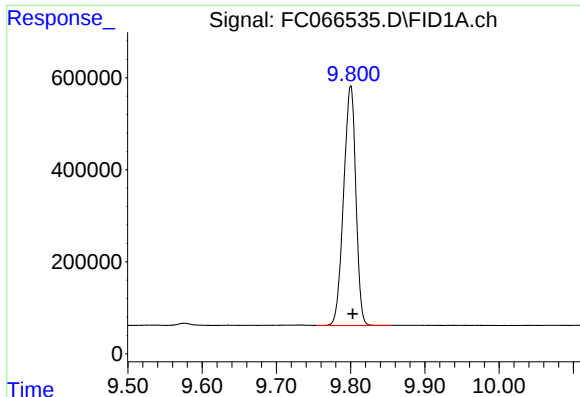
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 4621428
Conc: 32.09 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.002 min
Response: 5276064
Conc: 37.37 ug/ml



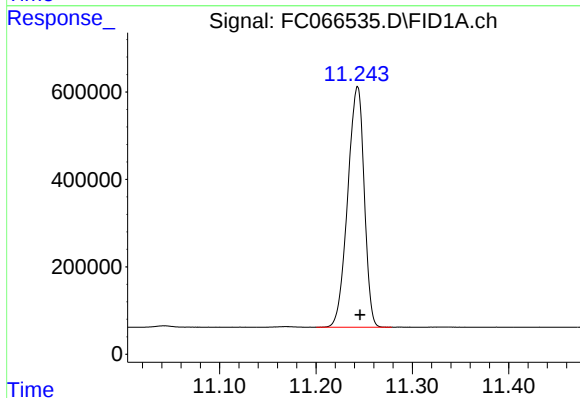
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.003 min
Response: 5955718
Conc: 41.44 ug/ml

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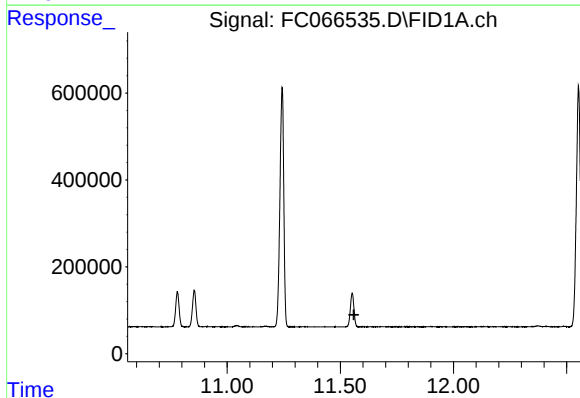
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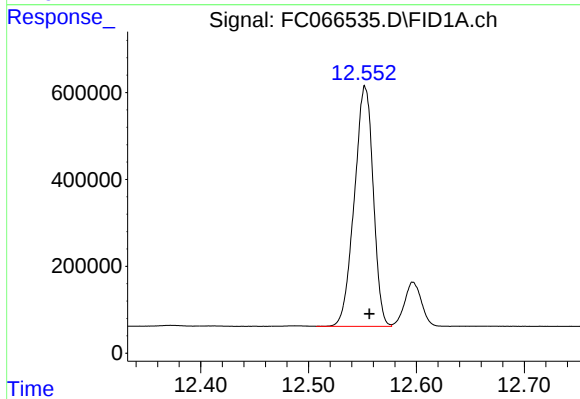
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.003 min
Response: 6528311
Conc: 45.62 ug/ml



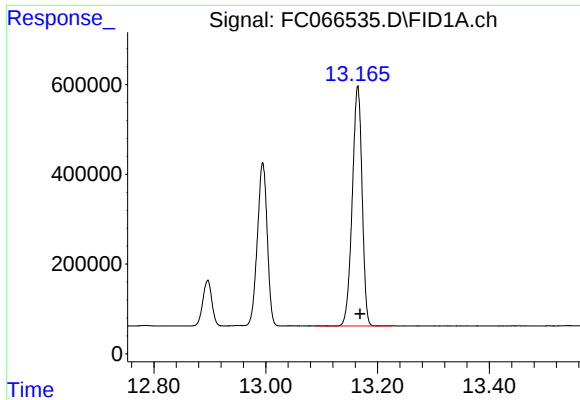
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.560 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.004 min
Response: 6721182
Conc: 49.40 ug/ml



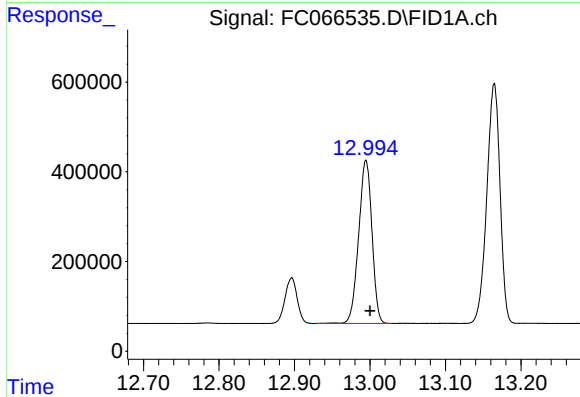
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.004 min
Response: 6501293
Conc: 48.77 ug/ml

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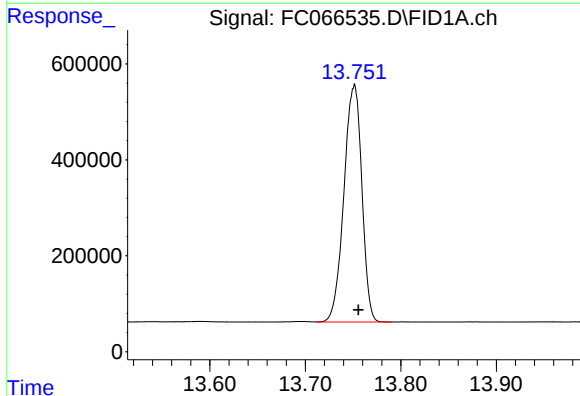
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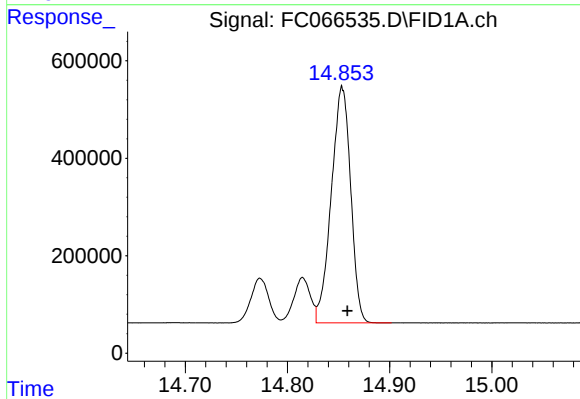
#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: -0.005 min
Response: 4452327
Conc: 38.96 ug/ml



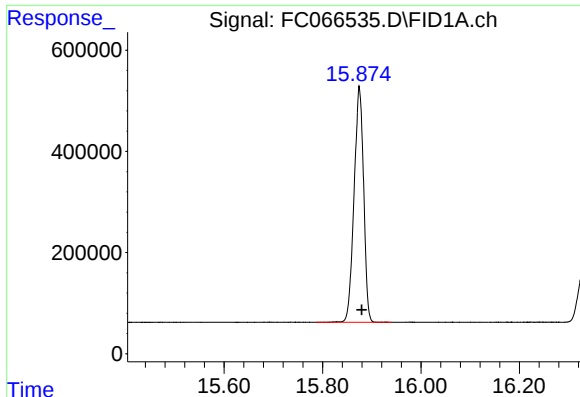
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.005 min
Response: 6459055
Conc: 49.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.005 min
Response: 6386026
Conc: 49.06 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.005 min
Response: 6273044
Conc: 49.32 ug/ml

Instrument :

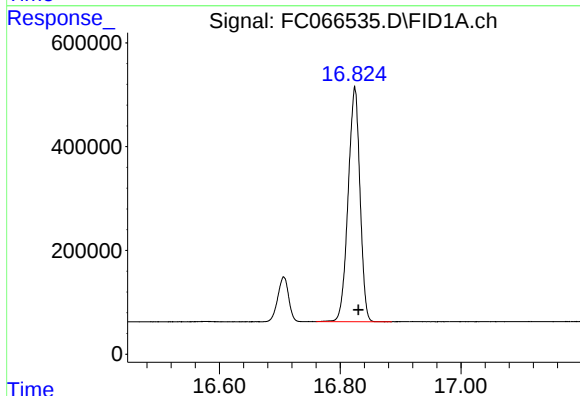
FID_C

ClientSampleId :

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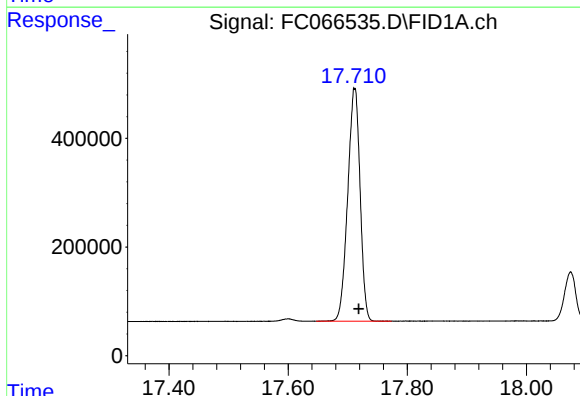
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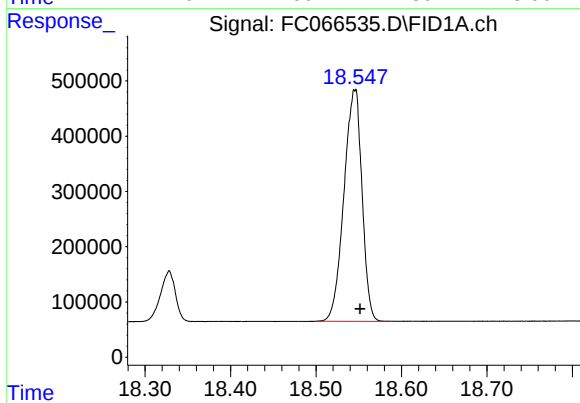
#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: -0.006 min
Response: 6159995
Conc: 49.62 ug/ml



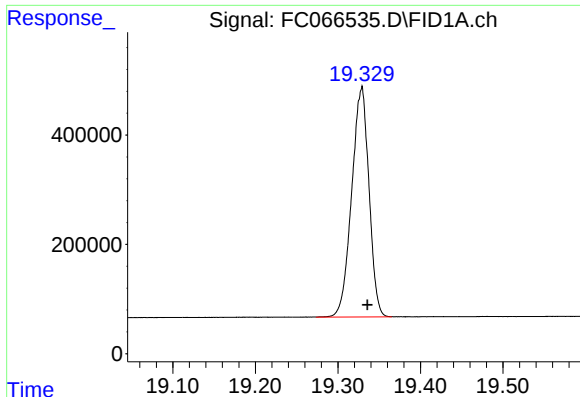
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.007 min
Response: 6185011
Conc: 49.08 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.007 min
Response: 6159966
Conc: 50.05 ug/ml



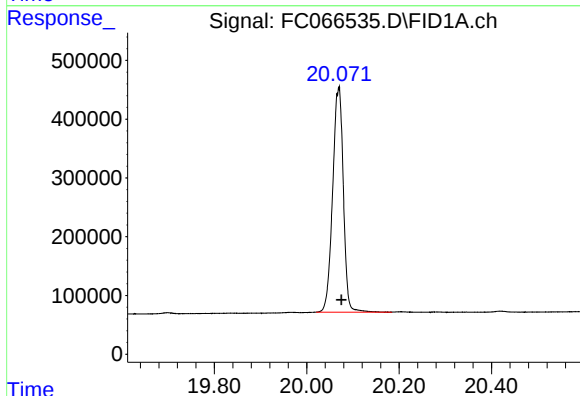
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: -0.007 min
Response: 6118097
Conc: 51.02 ug/ml

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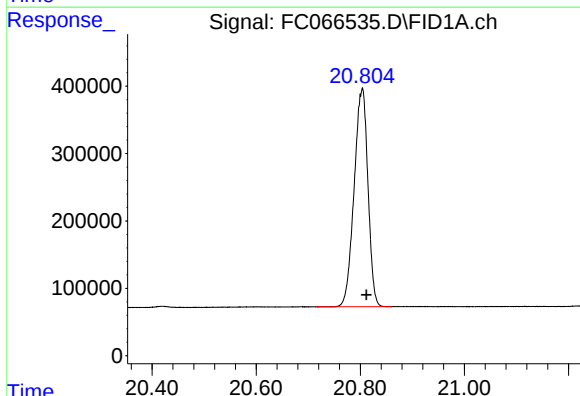
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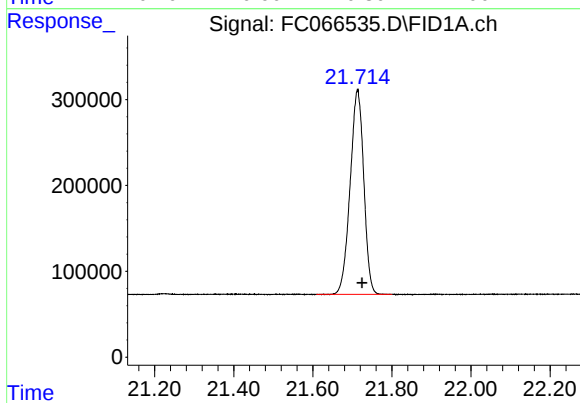
#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.007 min
Response: 6151988
Conc: 50.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: -0.008 min
Response: 5962040
Conc: 51.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: -0.012 min
Response: 5694563
Conc: 46.49 ug/ml