

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
 Data File : FC066539.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2024 17:02
 Operator : YP/AJ
 Sample : PB161326BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161326BS

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 04:43:53 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	4493640	39.325 ug/ml
Spiked Amount 50.000		Recovery =	78.65%
Target Compounds			
1) T n-Nonane (C9)	3.310	3399730	24.292 ug/ml
2) T n-Decane (C10)	4.379	4278561	29.736 ug/ml
4) T n-Dodecane (C12)	6.401	4715093	32.745 ug/ml
6) T n-Tetradecane (C14)	8.197	5359605	37.965 ug/ml
7) T n-Hexadecane (C16)	9.799	6048843	42.089 ug/ml
8) T n-Octadecane (C18)	11.242	6614304	46.219 ug/ml
10) T n-Eicosane (C20)	12.552	6792525	49.921 ug/ml
11) T n-Heneicosane (C21)	13.164	6569656	49.283 ug/ml
13) T n-Docosane (C22)	13.751	6515757	49.437 ug/ml
14) T n-Tetracosane (C24)	14.854	6427913	49.379 ug/ml
15) T n-Hexacosane (C26)	15.874	6304085	49.568 ug/ml
16) T n-Octacosane (C28)	16.824	6194765	49.898 ug/ml
17) T n-Tricontane (C30)	17.712	6224954	49.394 ug/ml
18) T n-Dotriacontane (C32)	18.545	6202253	50.393 ug/ml
19) T n-Tetratriacontane (C34)	19.327	6163568	51.395 ug/ml
20) T n-Hexatriacontane (C36)	20.068	5973821	49.307 ug/ml
21) T n-Octatriacontane (C38)	20.802	6002716	51.890 ug/ml
22) T n-Tetracontane (C40)	21.712	5726268	46.747 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB161326BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

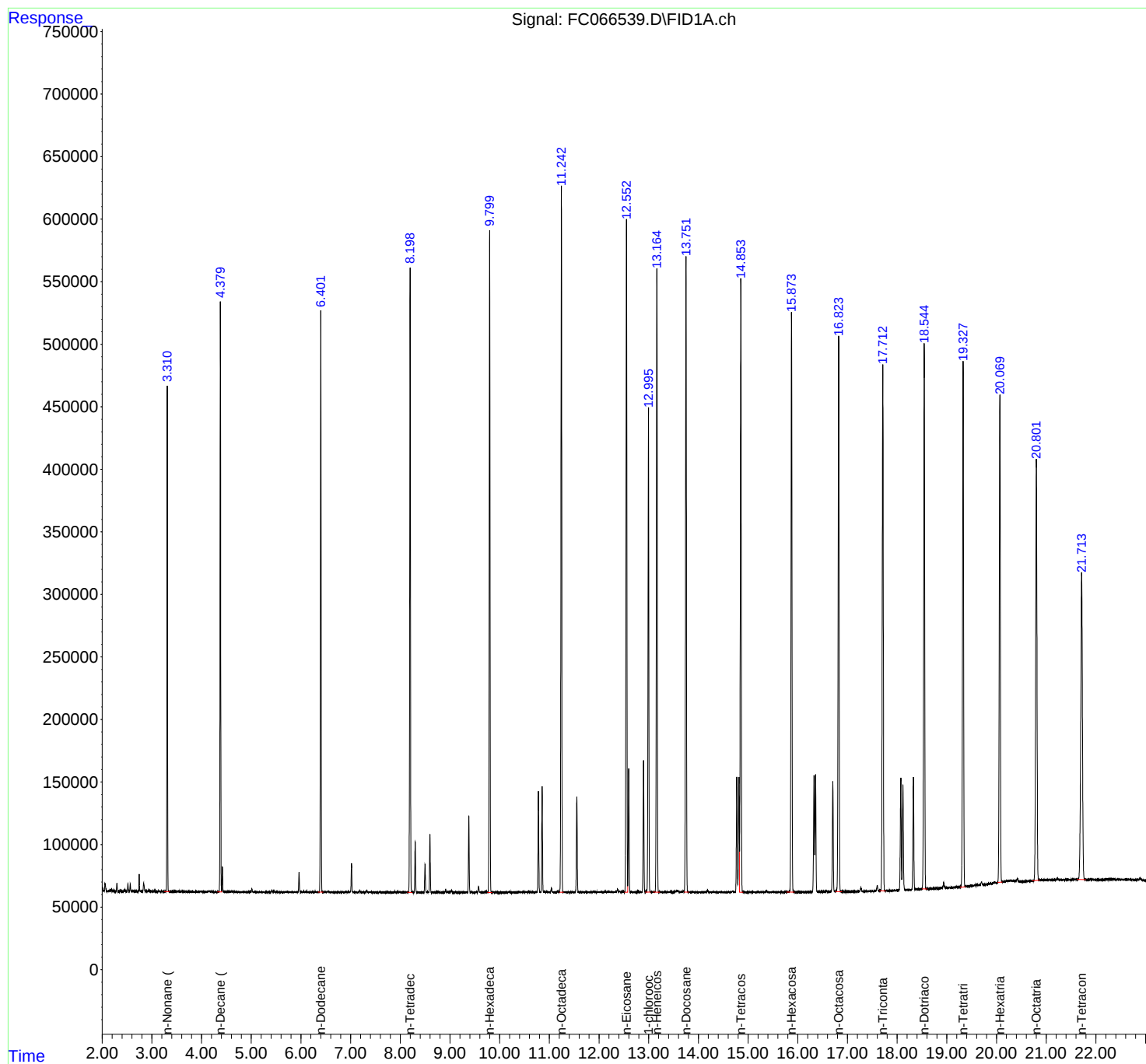
Instrument :
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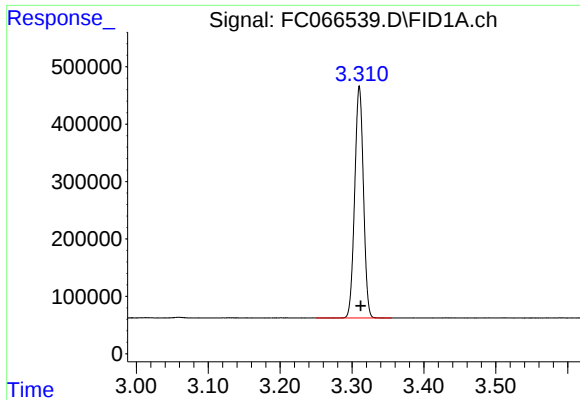
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#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 3399730
Conc: 24.29 ug/ml

Instrument :

FID_C

ClientSampleId :

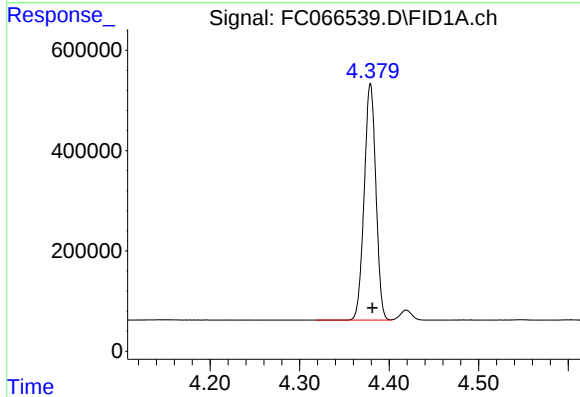
PB161326BS

Manual Integrations

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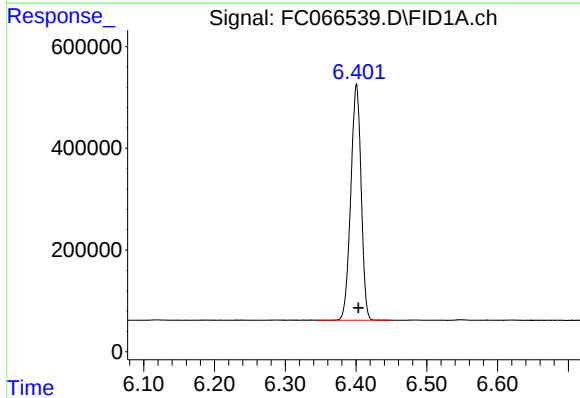
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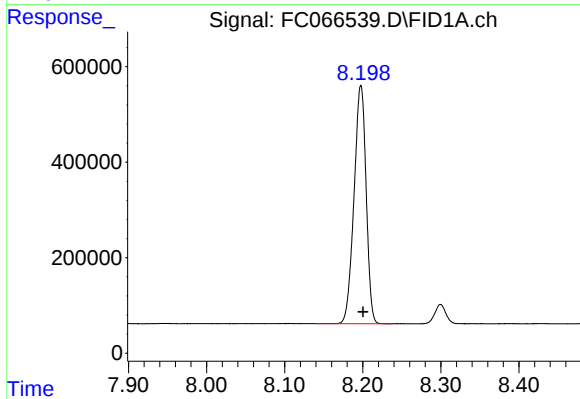
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 4278561
Conc: 29.74 ug/ml



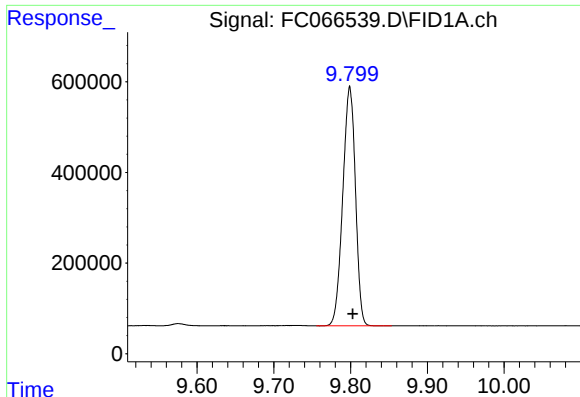
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 4715093
Conc: 32.74 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.003 min
Response: 5359605
Conc: 37.96 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.004 min
Response: 6048843
Conc: 42.09 ug/ml

Instrument :

FID_C

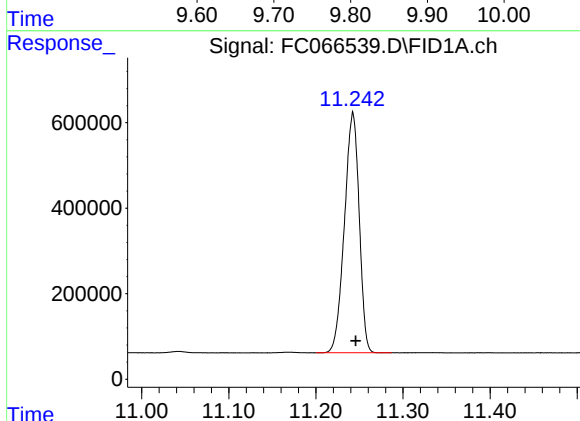
ClientSampleId :

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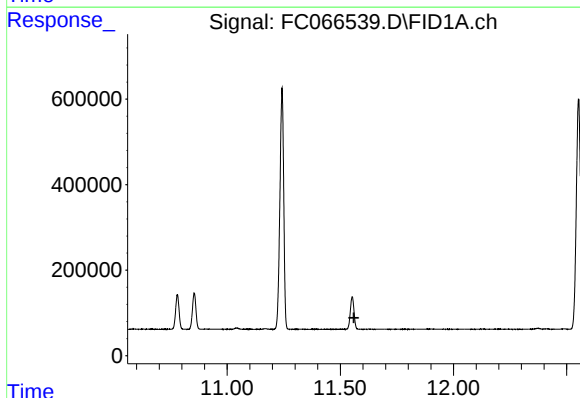
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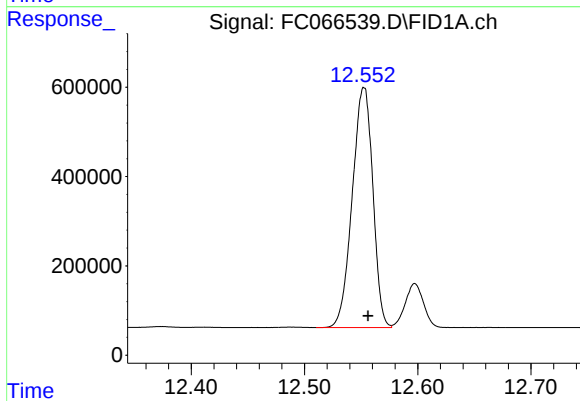
#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.004 min
Response: 6614304
Conc: 46.22 ug/ml



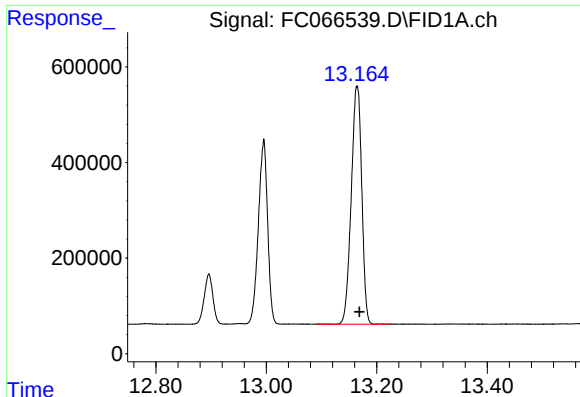
#9 ortho-Terphenyl (SURR)

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: 6792525
Conc: 49.92 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.004 min
Response: 6569656
Conc: 49.28 ug/ml

Instrument :

FID_C

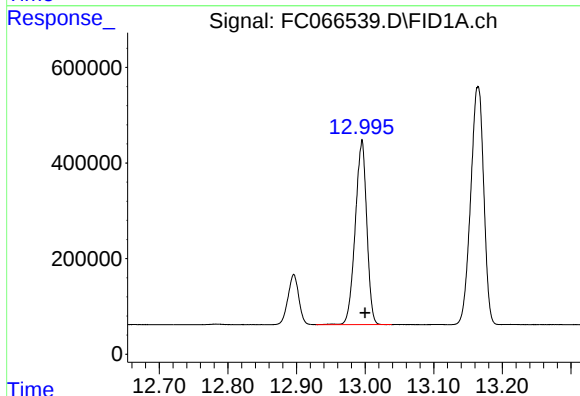
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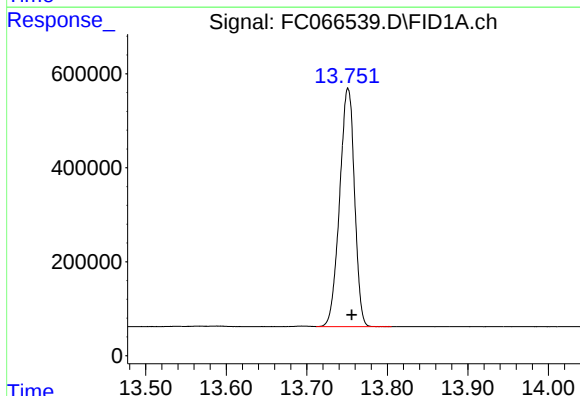
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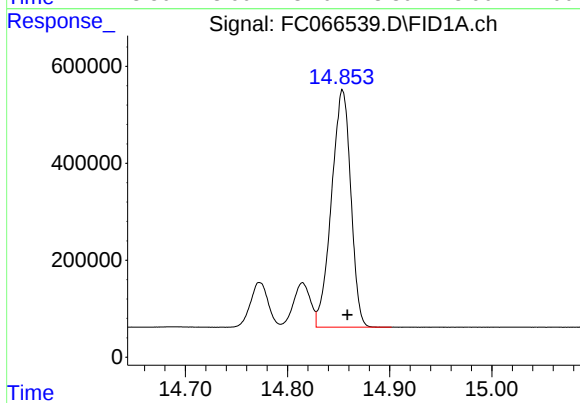
#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: -0.005 min
Response: 4493640
Conc: 39.33 ug/ml



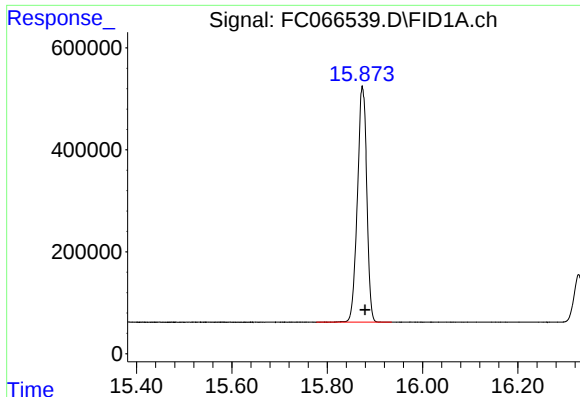
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.004 min
Response: 6515757
Conc: 49.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.005 min
Response: 6427913
Conc: 49.38 ug/ml



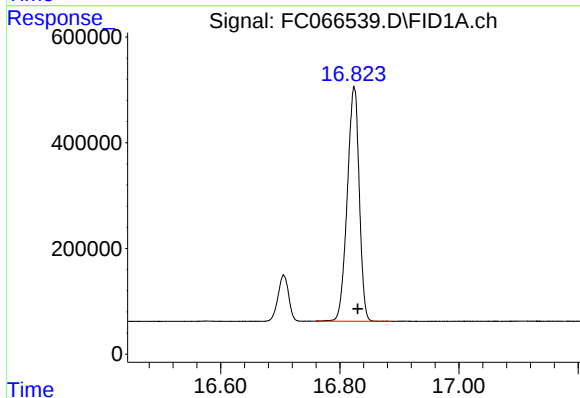
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.006 min
Response: 6304085
Conc: 49.57 ug/ml

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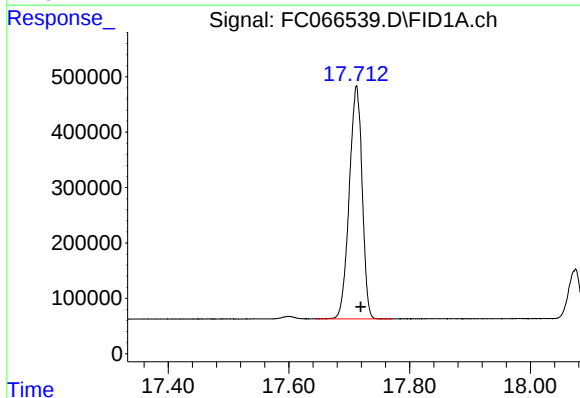
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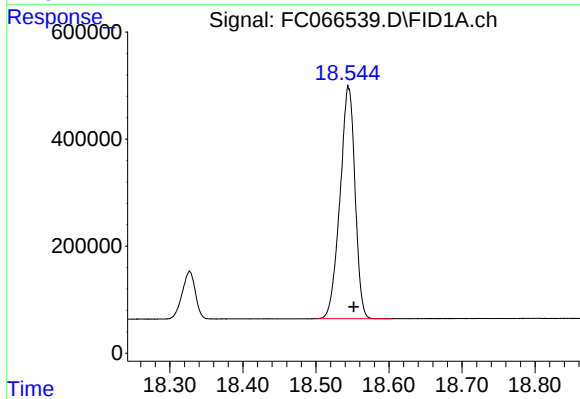
#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: -0.006 min
Response: 6194765
Conc: 49.90 ug/ml



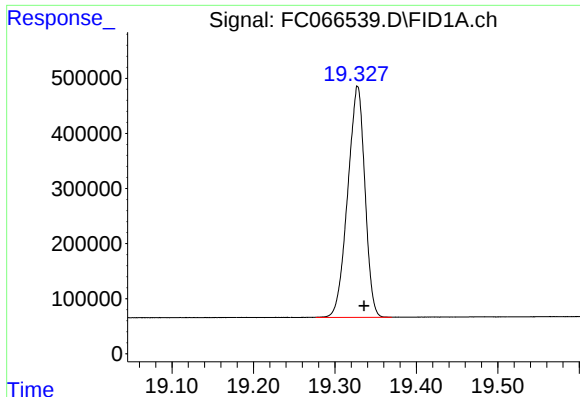
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.007 min
Response: 6224954
Conc: 49.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.007 min
Response: 6202253
Conc: 50.39 ug/ml



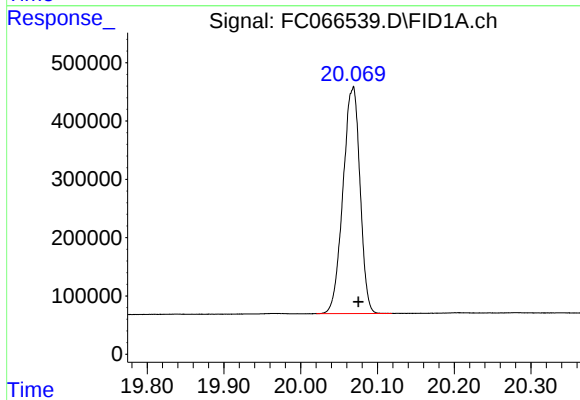
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.009 min
Response: 6163568
Conc: 51.40 ug/ml

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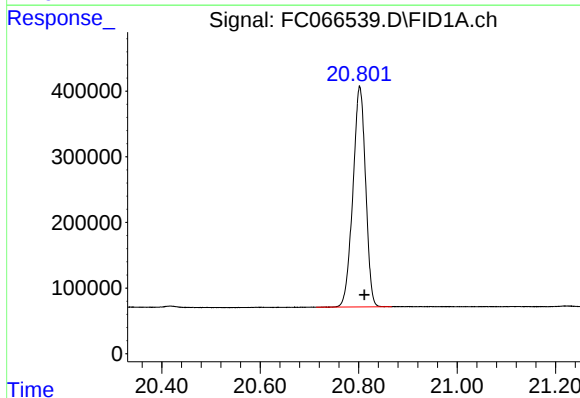
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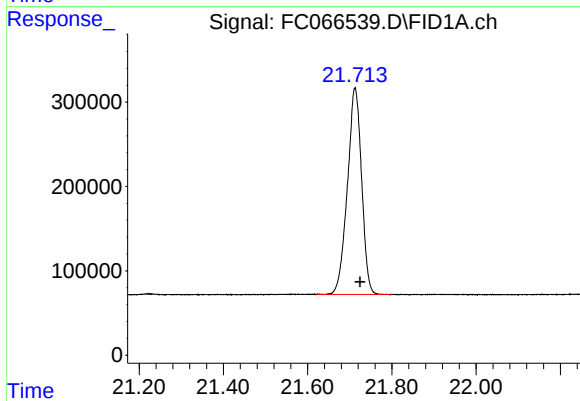
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: -0.008 min
Response: 5973821
Conc: 49.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.009 min
Response: 6002716
Conc: 51.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: -0.012 min
Response: 5726268
Conc: 46.75 ug/ml