

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066393.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2024 12:38
 Operator : YP/AJ
 Sample : P2430-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1011UMR-SS003-1224-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 13 01:40:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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...	13.000	2852406	23.255 ug/ml
Spiked Amount 50.000		Recovery =	46.51%
Target Compounds			
1) T n-Nonane (C9)	3.315	3180326	21.058 ug/ml
2) T n-Decane (C10)	4.383	4054647	26.366 ug/ml
4) T n-Dodecane (C12)	6.406	5147162	33.492 ug/ml
6) T n-Tetradecane (C14)	8.203	5677601	37.516 ug/ml
7) T n-Hexadecane (C16)	9.804	5811644	38.008 ug/ml
8) T n-Octadecane (C18)	11.248	5901914	38.882 ug/ml
10) T n-Eicosane (C20)	12.558	5842377	40.613 ug/ml
11) T n-Heneicosane (C21)	13.170	5640394	40.126 ug/ml
13) T n-Docosane (C22)	13.757	5583885	39.883 ug/ml
14) T n-Tetracosane (C24)	14.860	5458042	38.770 ug/ml
15) T n-Hexacosane (C26)	15.882	5347979	39.098 ug/ml
16) T n-Octacosane (C28)	16.832	5301705	39.589 ug/ml
17) T n-Tricontane (C30)	17.721	5417146	40.198 ug/ml
18) T n-Dotriacontane (C32)	18.554	5173926	40.184 ug/ml
19) T n-Tetratriacontane (C34)	19.339	5219905	44.119 ug/ml
20) T n-Hexatriacontane (C36)	20.077	5222566	45.436 ug/mlm
21) T n-Octatriacontane (C38)	20.815	5105541	47.434 ug/ml
22) T n-Tetracontane (C40)	21.729	4867042	45.387 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P2430-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

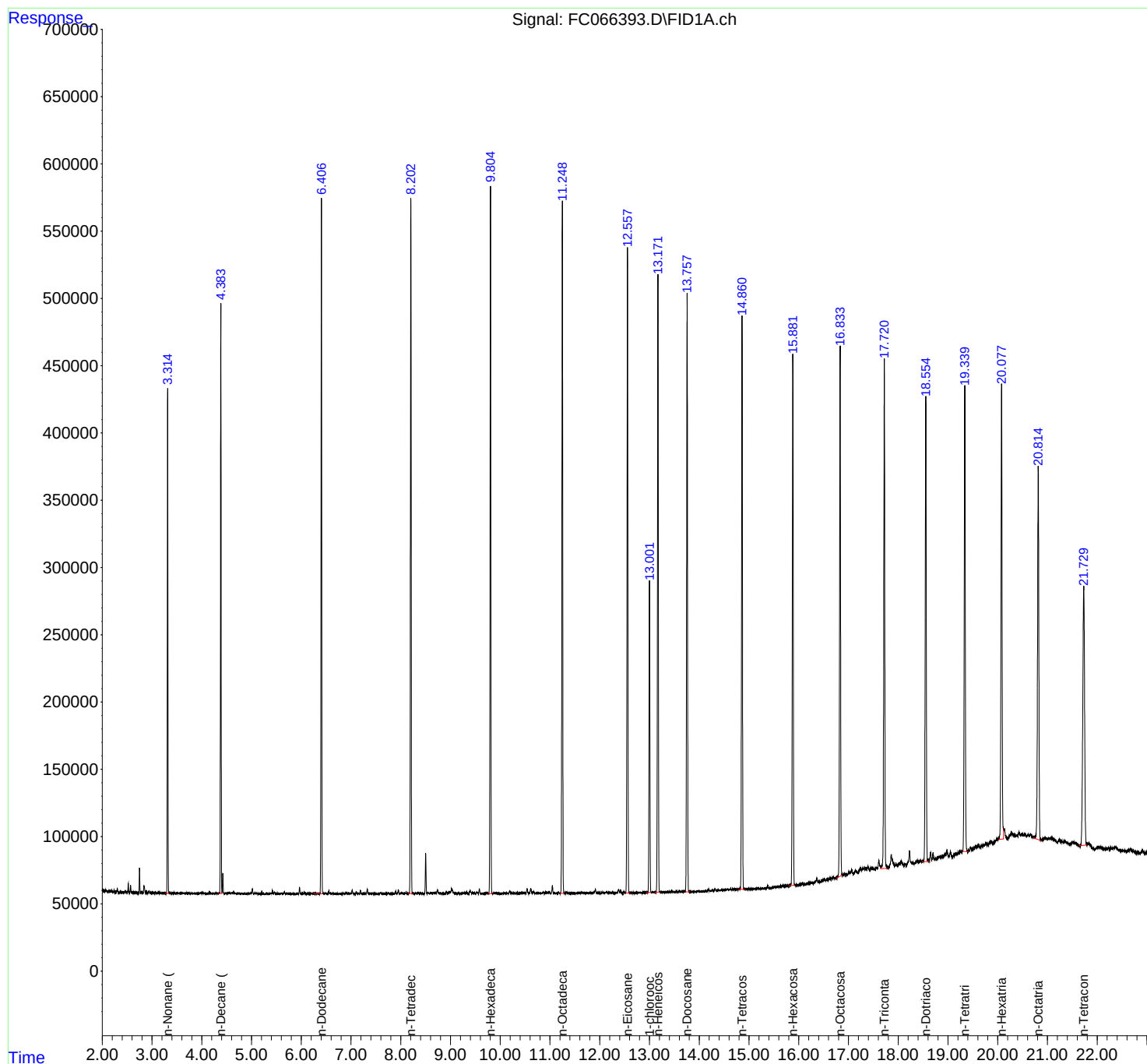
Instrument :
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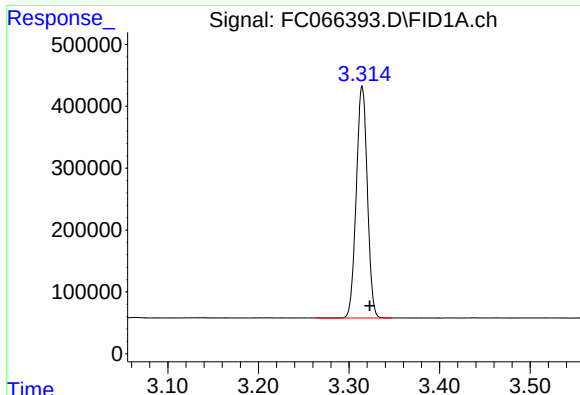
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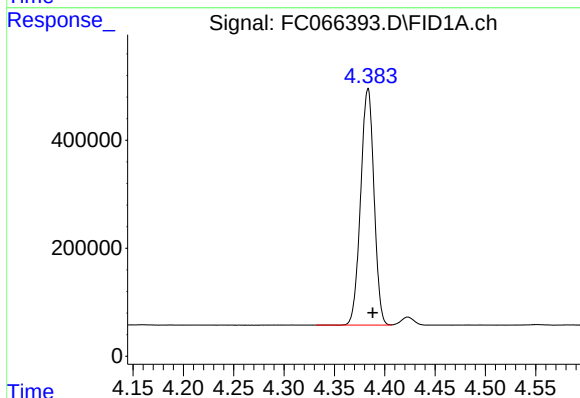
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 3180326
Conc: 21.06 ug/ml

Instrument :
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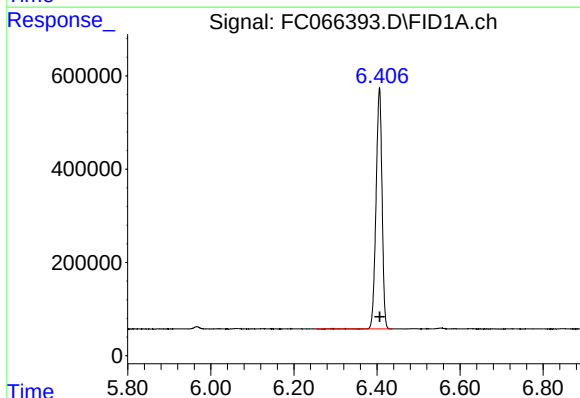
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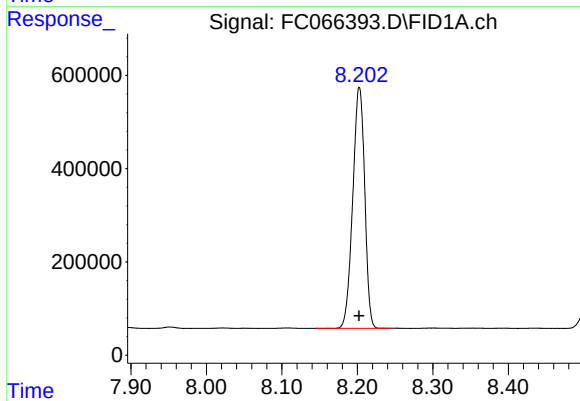
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 4054647
Conc: 26.37 ug/ml



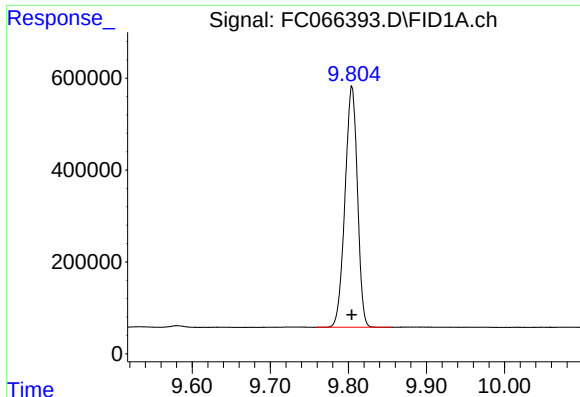
#4 n-Dodecane (C12)

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 5147162
Conc: 33.49 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 5677601
Conc: 37.52 ug/ml



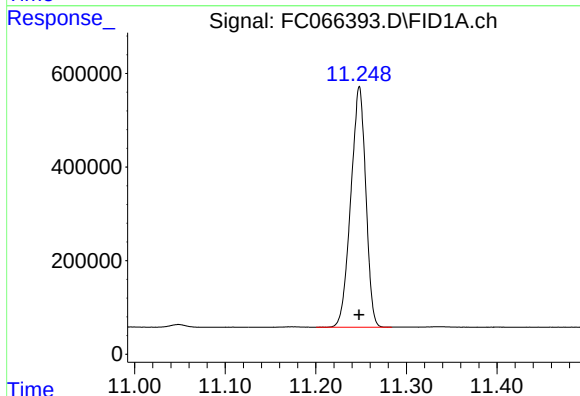
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 5811644
Conc: 38.01 ug/ml

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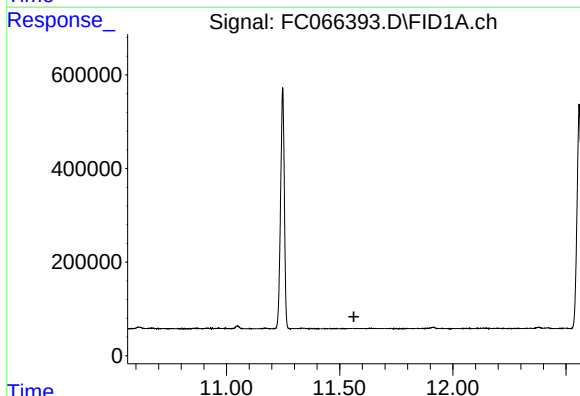
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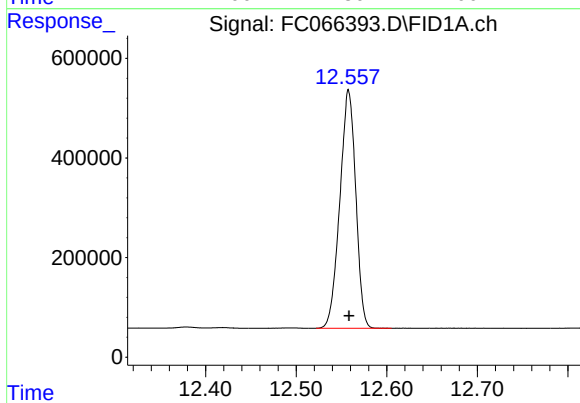
#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 5901914
Conc: 38.88 ug/ml



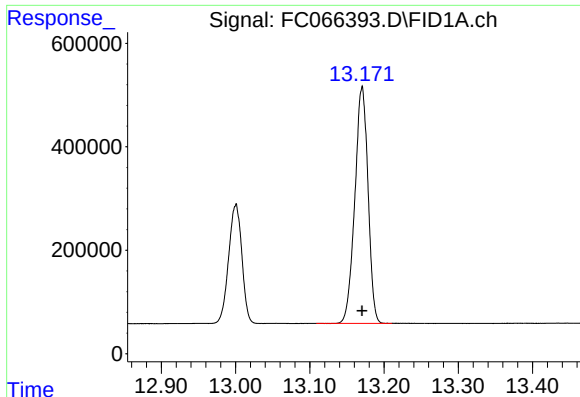
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 5842377
Conc: 40.61 ug/ml



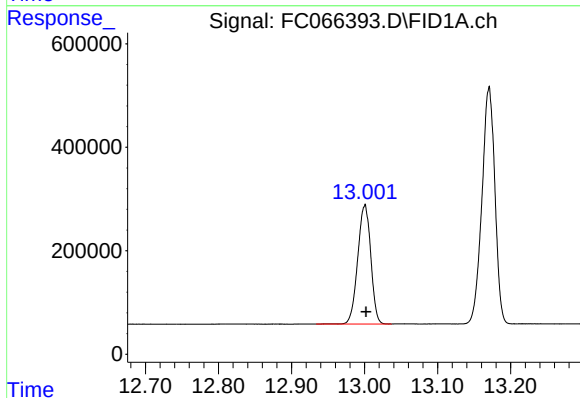
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 5640394
Conc: 40.13 ug/ml

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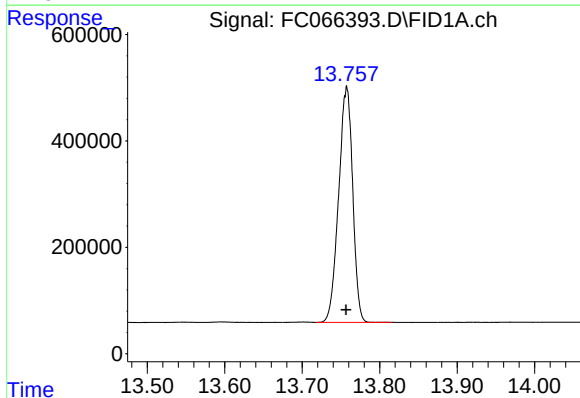
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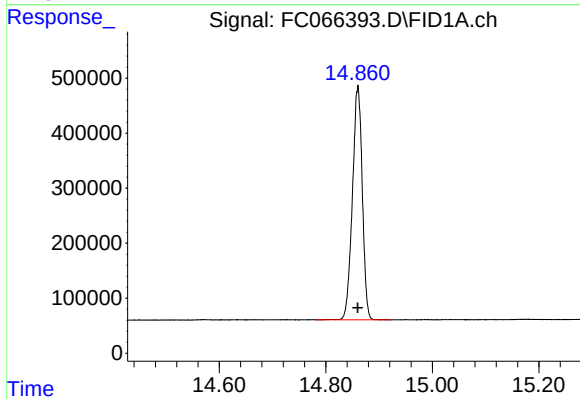
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.002 min
Response: 2852406
Conc: 23.25 ug/ml



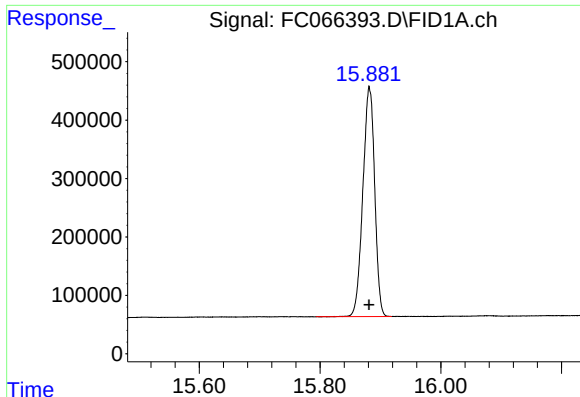
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: 0.000 min
Response: 5583885
Conc: 39.88 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 5458042
Conc: 38.77 ug/ml



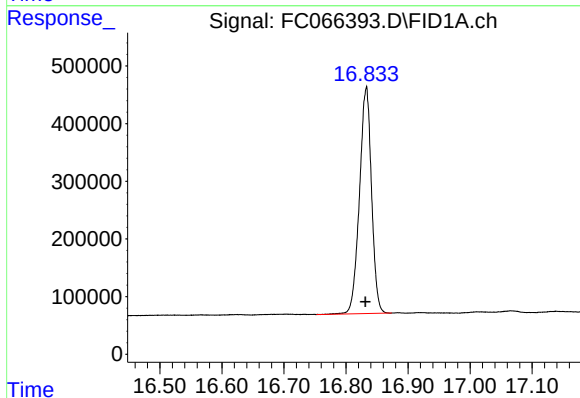
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: 0.000 min
Response: 5347979
Conc: 39.10 ug/ml

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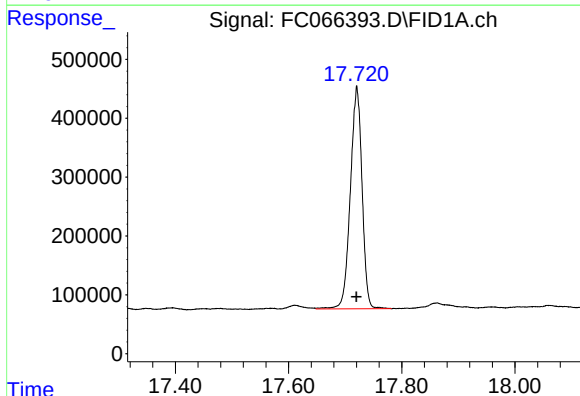
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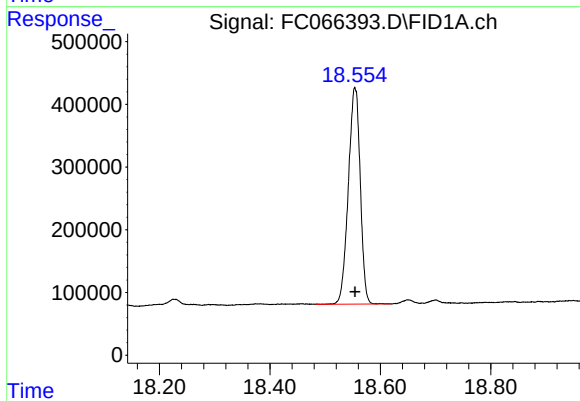
#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.001 min
Response: 5301705
Conc: 39.59 ug/ml



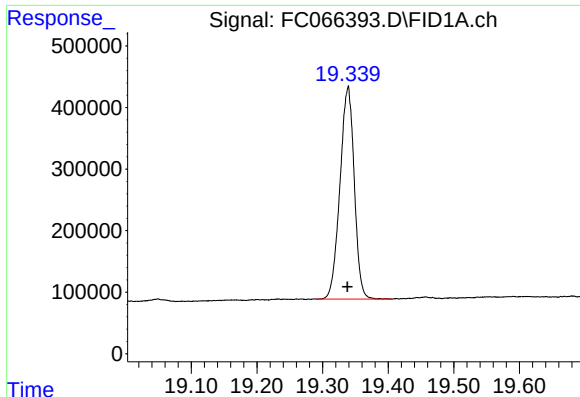
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: 0.000 min
Response: 5417146
Conc: 40.20 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: 0.000 min
Response: 5173926
Conc: 40.18 ug/ml



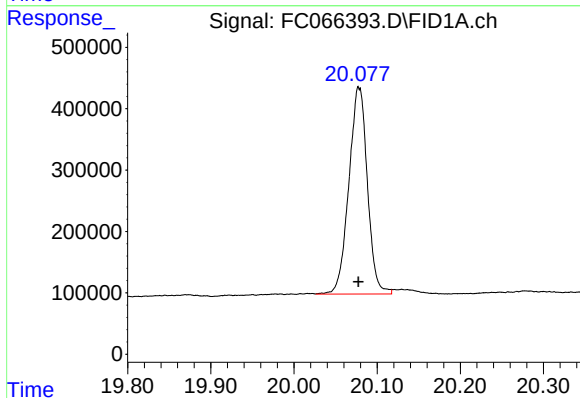
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: 0.000 min
Response: 5219905
Conc: 44.12 ug/ml

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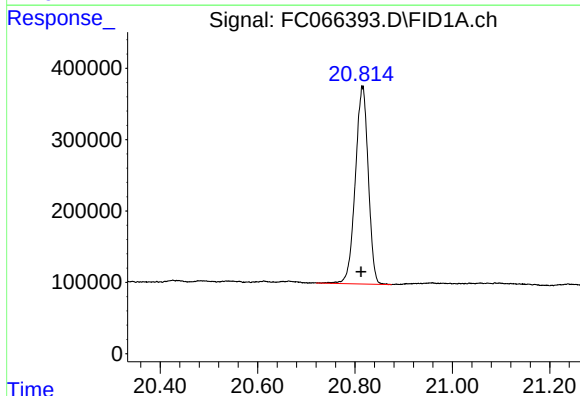
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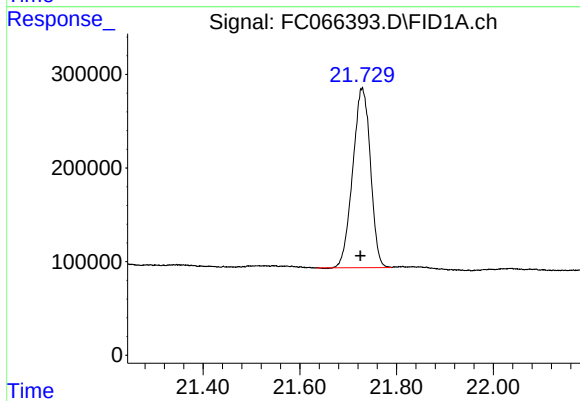
#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.000 min
Response: 5222566
Conc: 45.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.003 min
Response: 5105541
Conc: 47.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.729 min
Delta R.T.: 0.004 min
Response: 4867042
Conc: 45.39 ug/ml