

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060722AL\
 Data File : FC060139.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2022 22:41
 Operator : UA/NP
 Sample : N3143-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e
 Quant Time: Jun 08 02:29:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.016	3465767	27.952 ug/ml
Spiked Amount 50.000		Recovery =	55.90%
Target Compounds			
1) T n-Nonane (C9)	2.625	2973913	23.236 ug/ml
2) T n-Decane (C10)	3.624	3785656	29.591 ug/ml
4) T n-Dodecane (C12)	5.577	4545095	34.095 ug/ml
6) T n-Tetradecane (C14)	7.328	5024269	36.804 ug/ml
7) T n-Hexadecane (C16)	8.892	5658651	40.330 ug/ml
8) T n-Octadecane (C18)	10.302	6299901	44.022 ug/ml
10) T n-Eicosane (C20)	11.582	6215945	43.569 ug/ml
11) T n-Heneicosane (C21)	12.181	6229453	43.460 ug/ml
13) T n-Docosane (C22)	12.753	6130565	43.022 ug/ml
14) T n-Tetracosane (C24)	13.832	6027895	42.955 ug/mlm
15) T n-Hexacosane (C26)	14.829	5795373	42.797 ug/ml
16) T n-Octacosane (C28)	15.757	5513431	42.334 ug/ml
17) T n-Tricontane (C30)	16.624	5215478	42.601 ug/ml
18) T n-Dotriacontane (C32)	17.437	4986764	44.726 ug/ml
19) T n-Tetratriacontane (C34)	18.202	4606674	45.166 ug/ml
20) T n-Hexatriacontane (C36)	18.924	4244489	44.821 ug/mlm
21) T n-Octatriacontane (C38)	19.606	4007254	43.433 ug/mlm
22) T n-Tetracontane (C40)	20.254	3931341	41.785 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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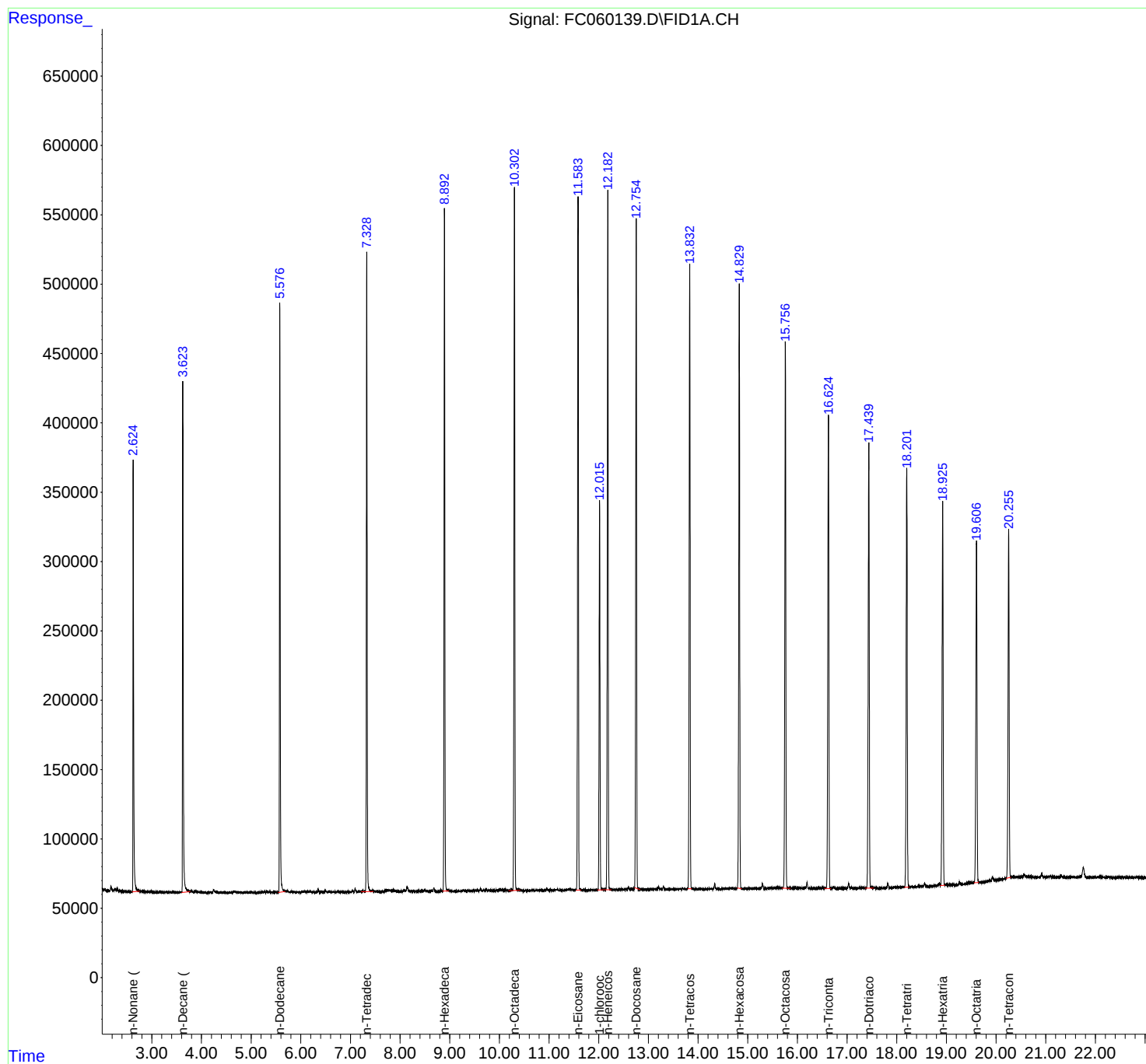
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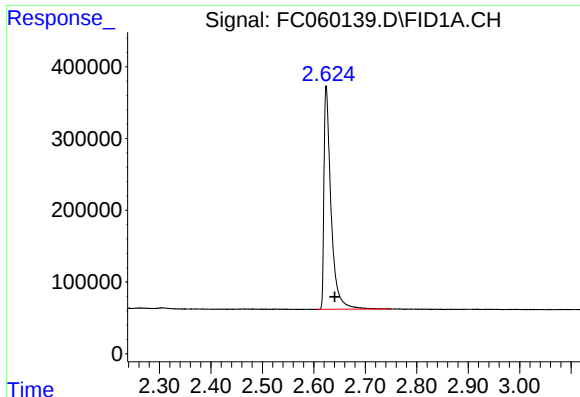
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#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.016 min
Response: 2973913
Conc: 23.24 ug/ml

Instrument :

FID_C

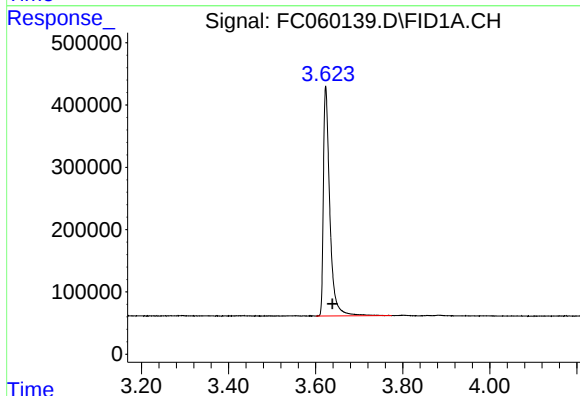
ClientSampleId :

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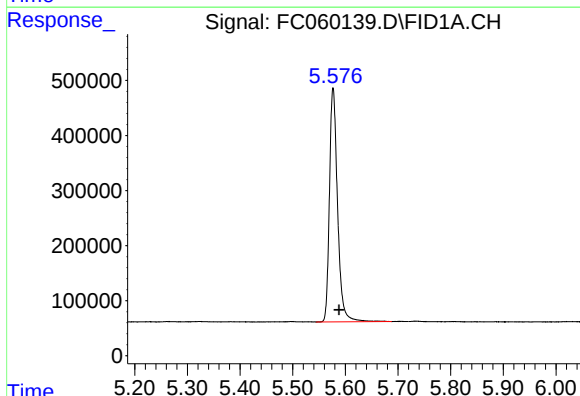
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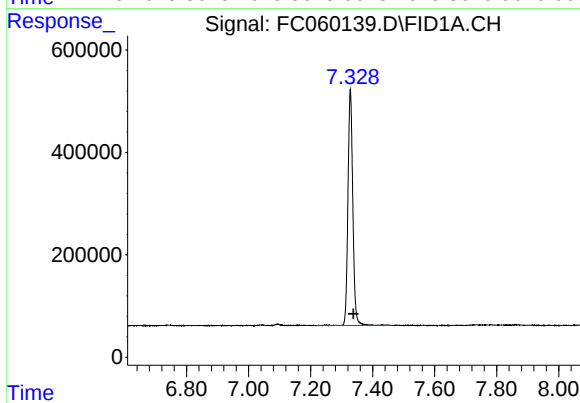
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.015 min
Response: 3785656
Conc: 29.59 ug/ml



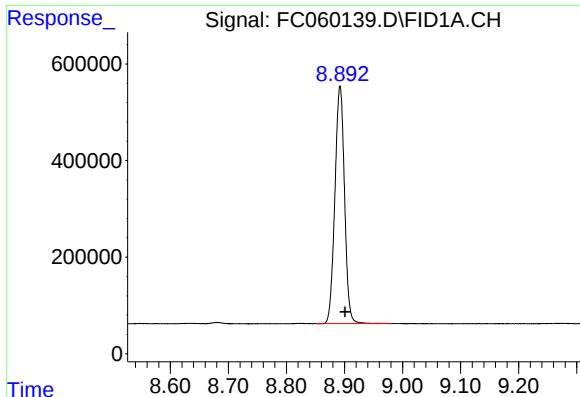
#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 4545095
Conc: 34.10 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 5024269
Conc: 36.80 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 5658651
Conc: 40.33 ug/ml

Instrument :

FID_C

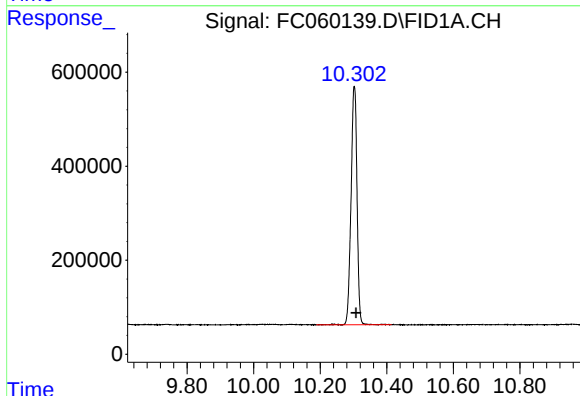
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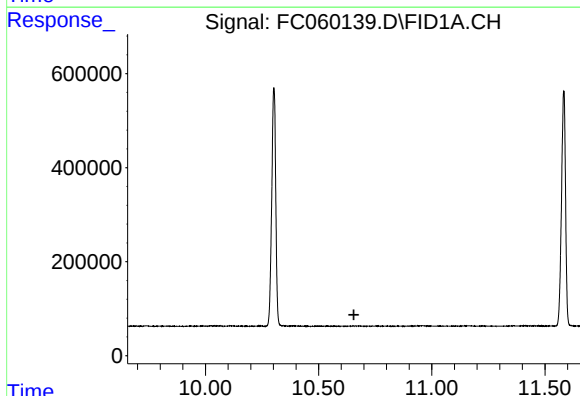
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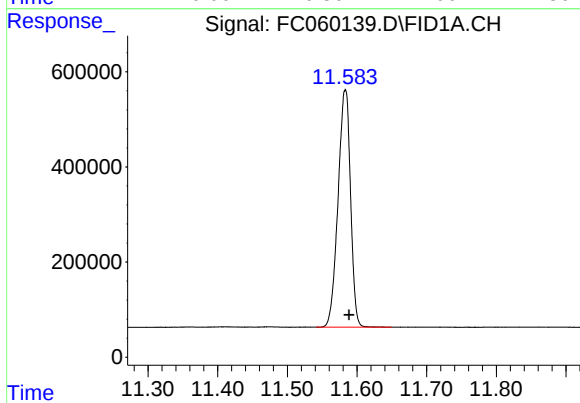
#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.006 min
Response: 6299901
Conc: 44.02 ug/ml



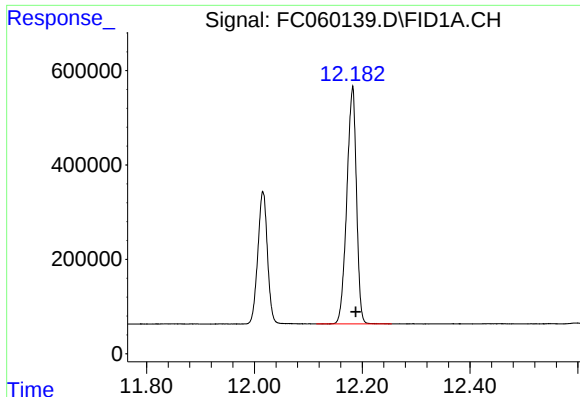
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.656 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.582 min
Delta R.T.: -0.006 min
Response: 6215945
Conc: 43.57 ug/ml



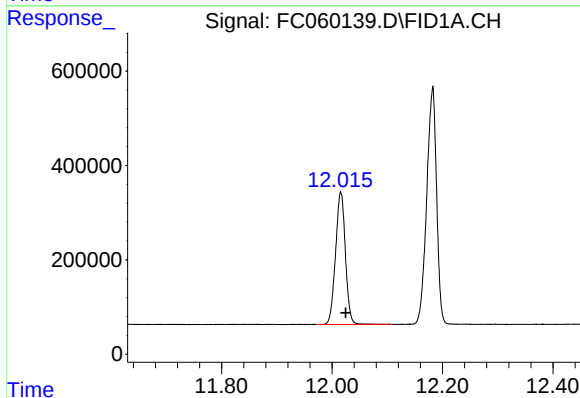
#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.007 min
Response: 6229453
Conc: 43.46 ug/ml

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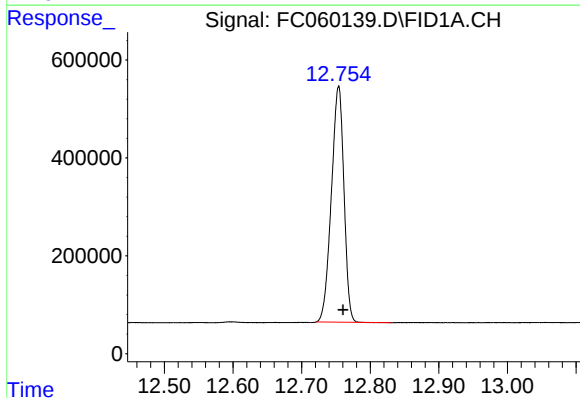
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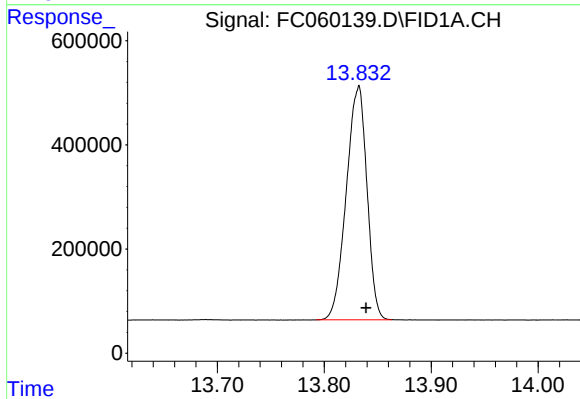
#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.009 min
Response: 3465767
Conc: 27.95 ug/ml



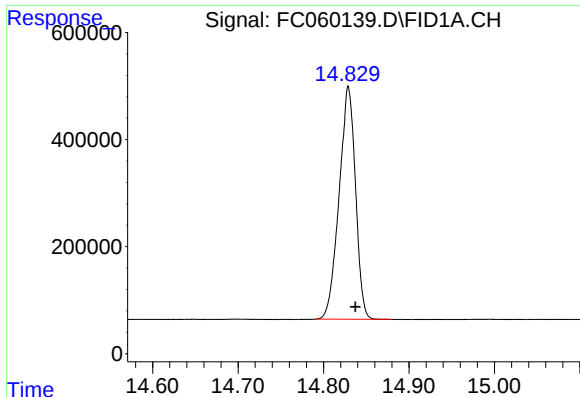
#13 n-Docosane (C22)

R.T.: 12.753 min
Delta R.T.: -0.007 min
Response: 6130565
Conc: 43.02 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 6027895
Conc: 42.96 ug/ml m



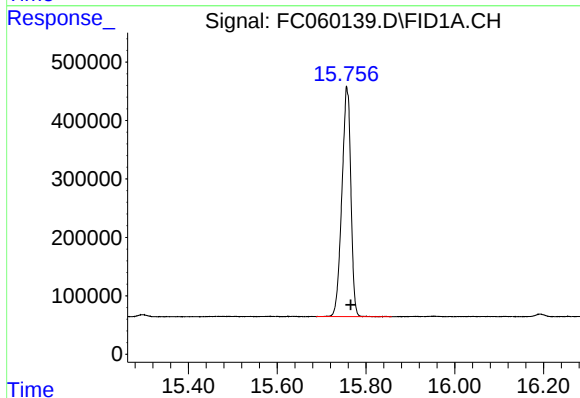
#15 n-Hexacosane (C26)

R.T.: 14.829 min
Delta R.T.: -0.009 min
Response: 5795373
Conc: 42.80 ug/ml

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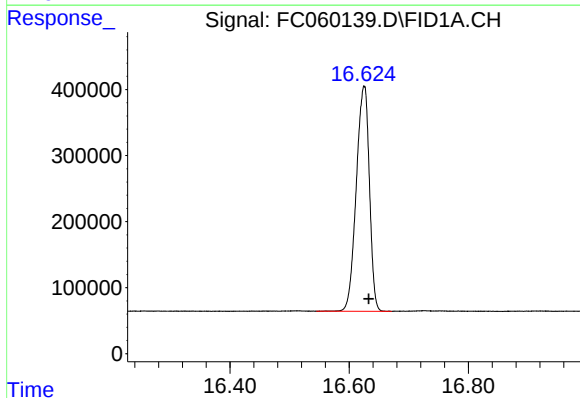
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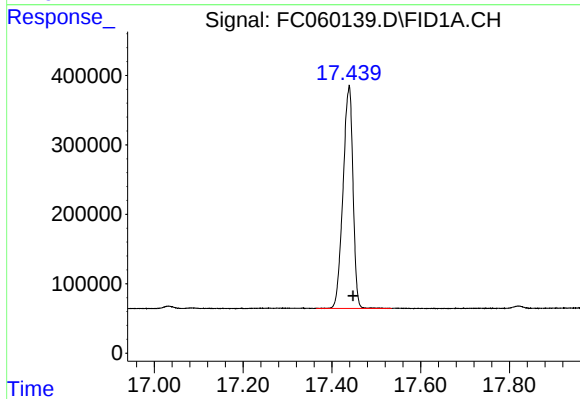
#16 n-Octacosane (C28)

R.T.: 15.757 min
Delta R.T.: -0.009 min
Response: 5513431
Conc: 42.33 ug/ml



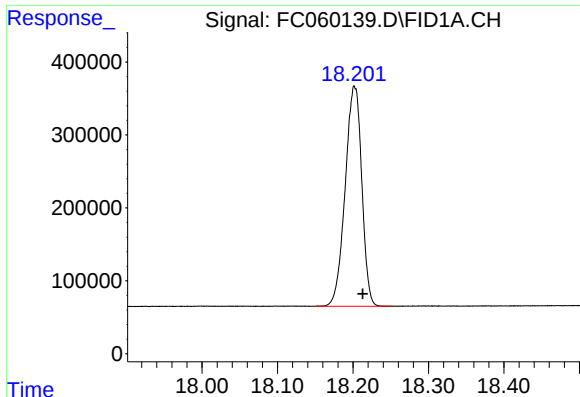
#17 n-Tricontane (C30)

R.T.: 16.624 min
Delta R.T.: -0.009 min
Response: 5215478
Conc: 42.60 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.437 min
Delta R.T.: -0.010 min
Response: 4986764
Conc: 44.73 ug/ml



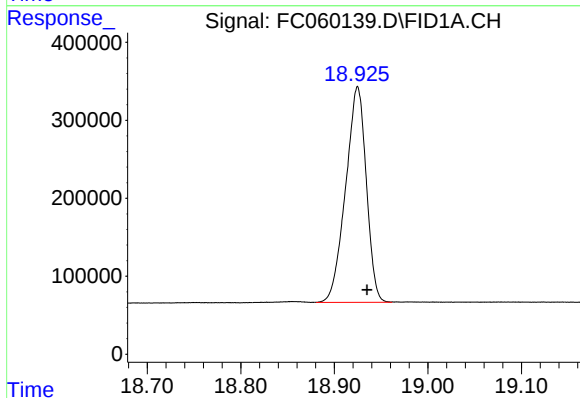
#19 n-Tetratriacontane (C34)

R.T.: 18.202 min
Delta R.T.: -0.012 min
Response: 4606674
Conc: 45.17 ug/ml

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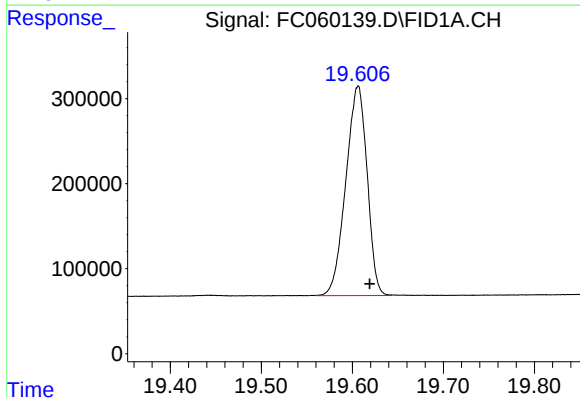
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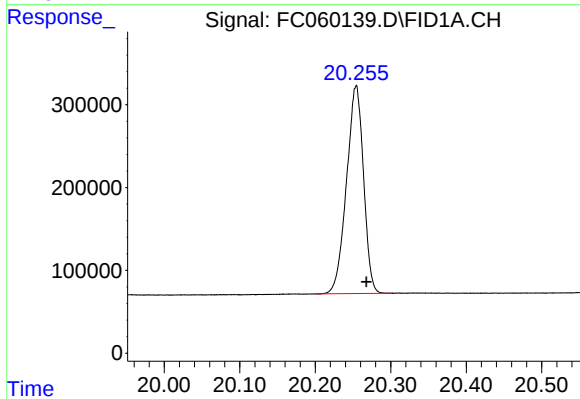
#20 n-Hexatriacontane (C36)

R.T.: 18.924 min
Delta R.T.: -0.010 min
Response: 4244489
Conc: 44.82 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.606 min
Delta R.T.: -0.013 min
Response: 4007254
Conc: 43.43 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.254 min
Delta R.T.: -0.014 min
Response: 3931341
Conc: 41.78 ug/ml