

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060722AL\
 Data File : FC060138.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2022 21:59
 Operator : UA/NP
 Sample : N3143-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

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 02:29:46 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...	12.015	3412407	27.522 ug/ml
Spiked Amount 50.000		Recovery =	55.04%
Target Compounds			
1) T n-Nonane (C9)	2.630	2945921	23.017 ug/ml
2) T n-Decane (C10)	3.627	3764099	29.423 ug/ml
4) T n-Dodecane (C12)	5.579	4505396	33.798 ug/ml
6) T n-Tetradecane (C14)	7.330	4938884	36.178 ug/ml
7) T n-Hexadecane (C16)	8.894	5611062	39.991 ug/ml
8) T n-Octadecane (C18)	10.302	6214027	43.422 ug/mlm
10) T n-Eicosane (C20)	11.582	6167541	43.229 ug/ml
11) T n-Heneicosane (C21)	12.180	6187975	43.171 ug/ml
13) T n-Docosane (C22)	12.753	6089292	42.732 ug/ml
14) T n-Tetracosane (C24)	13.832	6005193	42.793 ug/mlm
15) T n-Hexacosane (C26)	14.828	5782817	42.704 ug/ml
16) T n-Octacosane (C28)	15.756	5505826	42.276 ug/ml
17) T n-Tricontane (C30)	16.623	5216069	42.606 ug/ml
18) T n-Dotriacontane (C32)	17.436	4969666	44.573 ug/ml
19) T n-Tetratriacontane (C34)	18.200	4586297	44.966 ug/ml
20) T n-Hexatriacontane (C36)	18.925	4213465	44.493 ug/mlm
21) T n-Octatriacontane (C38)	19.606	3952032	42.835 ug/mlm
22) T n-Tetracontane (C40)	20.254	3921330	41.678 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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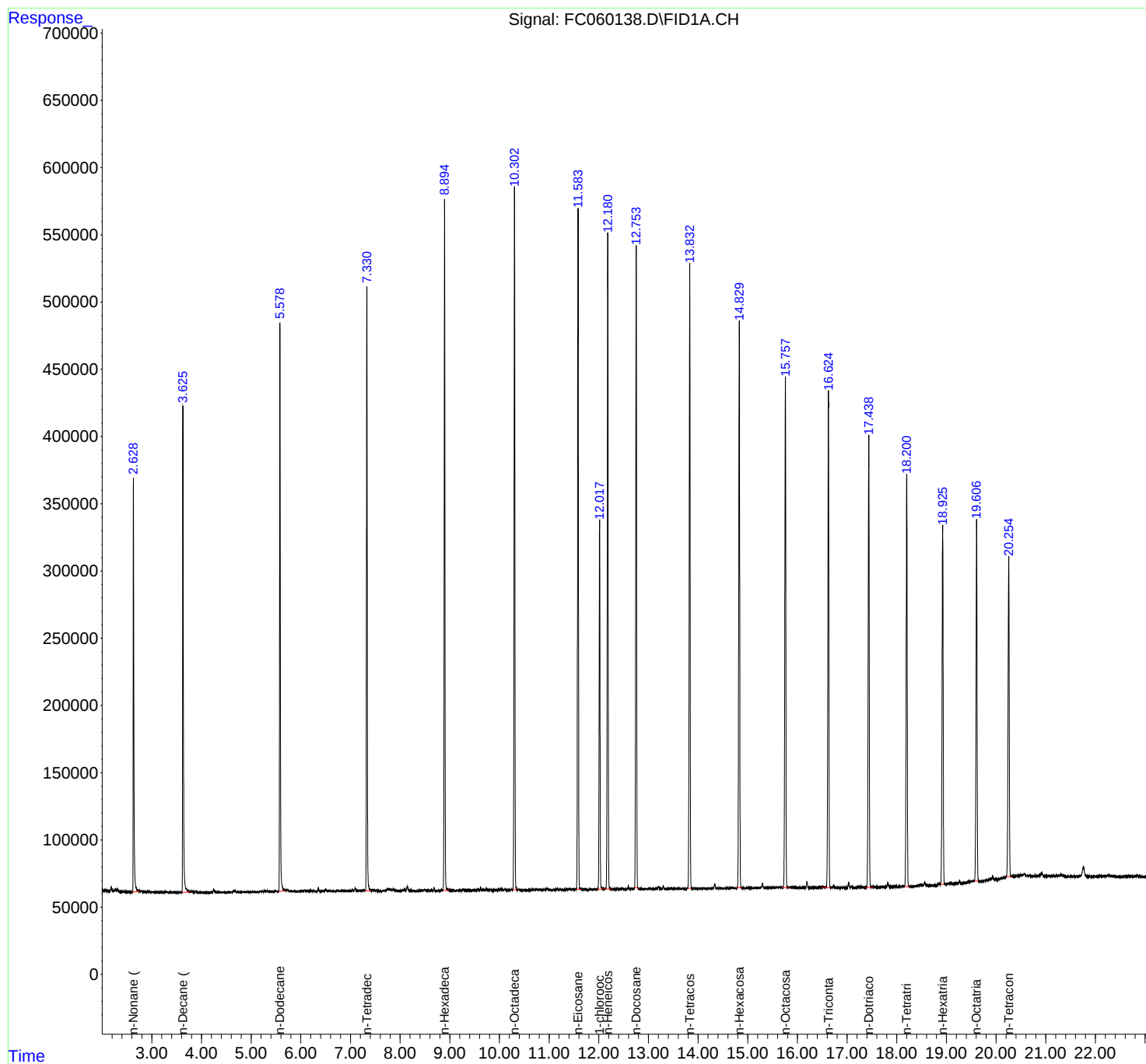
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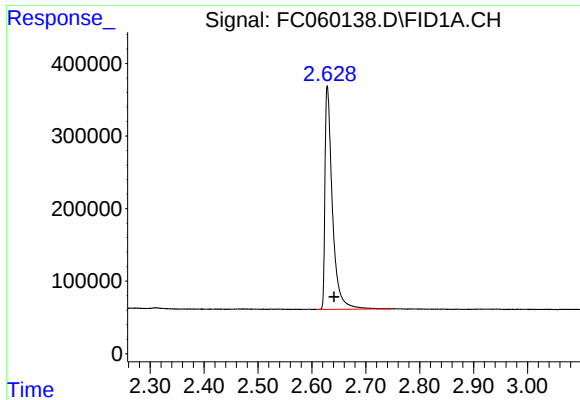
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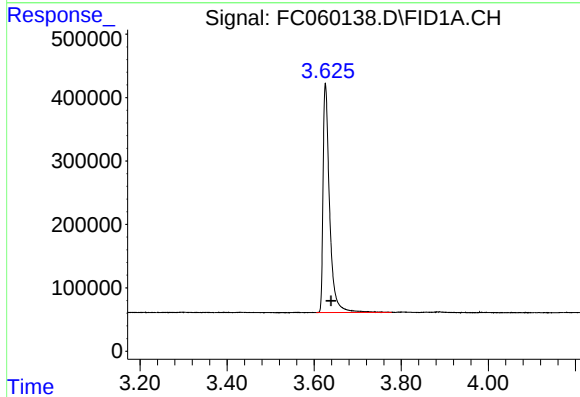
#1 n-Nonane (C9)

R.T.: 2.630 min
Delta R.T.: -0.011 min
Response: 2945921
Conc: 23.02 ug/ml

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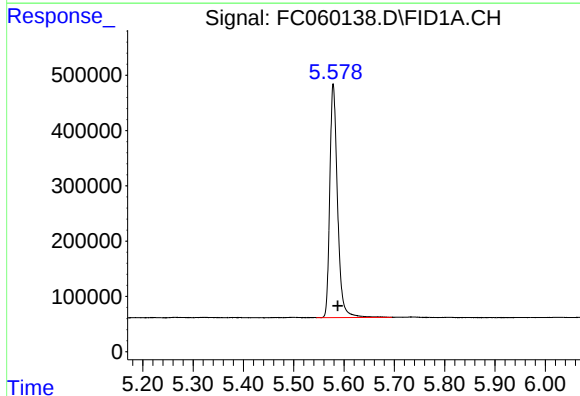
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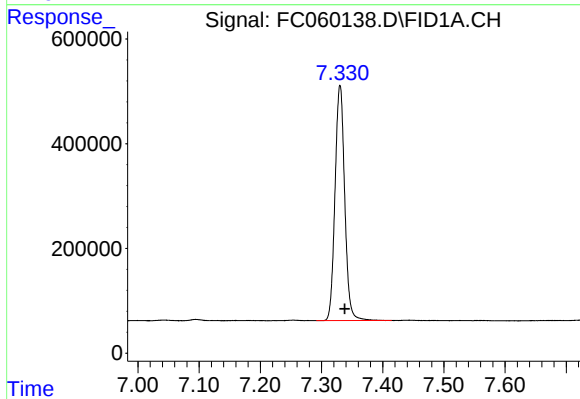
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.012 min
Response: 3764099
Conc: 29.42 ug/ml



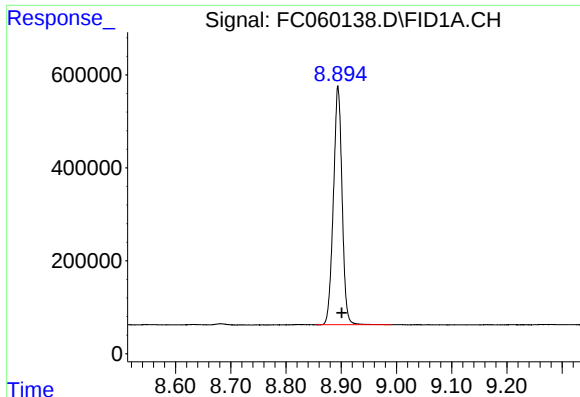
#4 n-Dodecane (C12)

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 4505396
Conc: 33.80 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.330 min
Delta R.T.: -0.007 min
Response: 4938884
Conc: 36.18 ug/ml



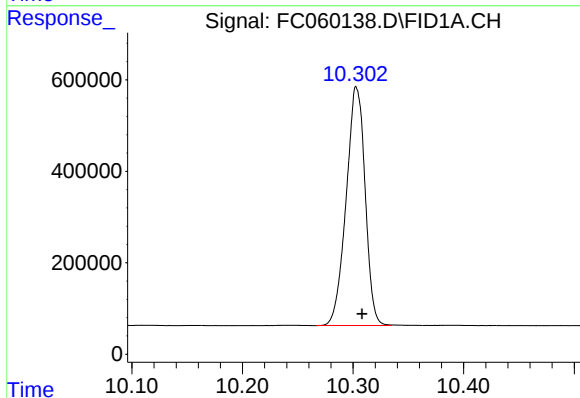
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.007 min
Response: 5611062
Conc: 39.99 ug/ml

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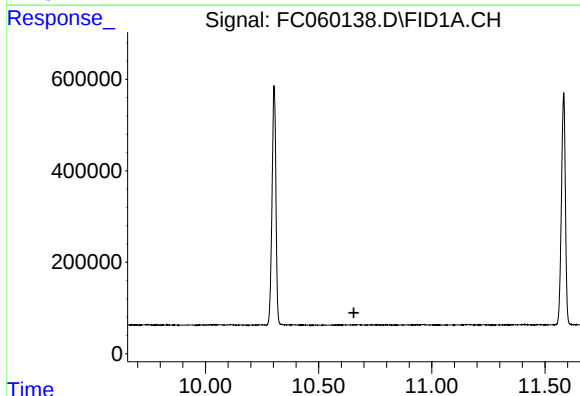
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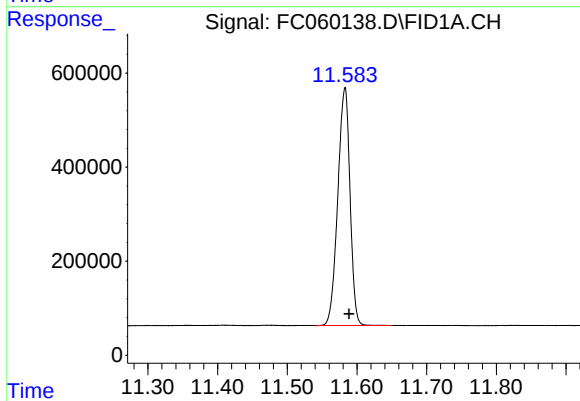
#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.006 min
Response: 6214027
Conc: 43.42 ug/ml m



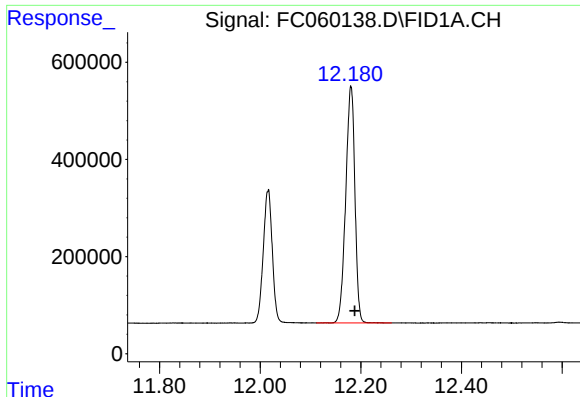
#9 ortho-Terphenyl (SURR)

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.: -0.007 min
Response: 6167541
Conc: 43.23 ug/ml



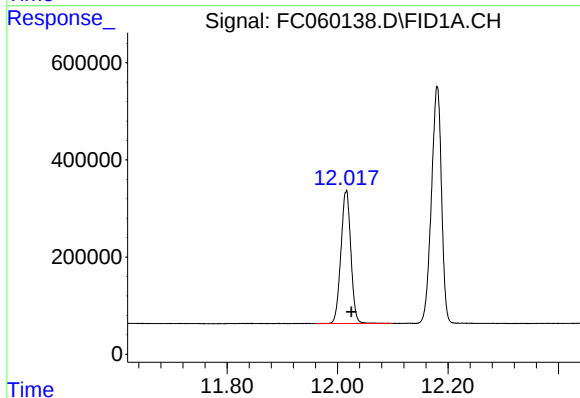
#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.008 min
Response: 6187975
Conc: 43.17 ug/ml

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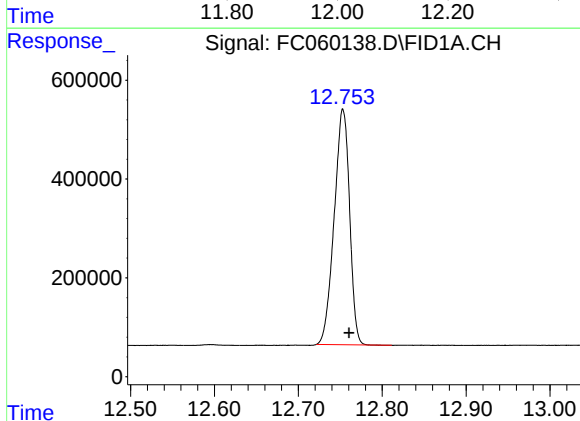
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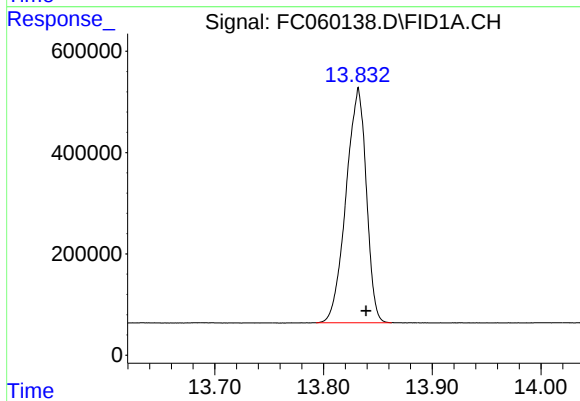
#12 1-chlorooctadecane (SURR)

R.T.: 12.015 min
Delta R.T.: -0.009 min
Response: 3412407
Conc: 27.52 ug/ml



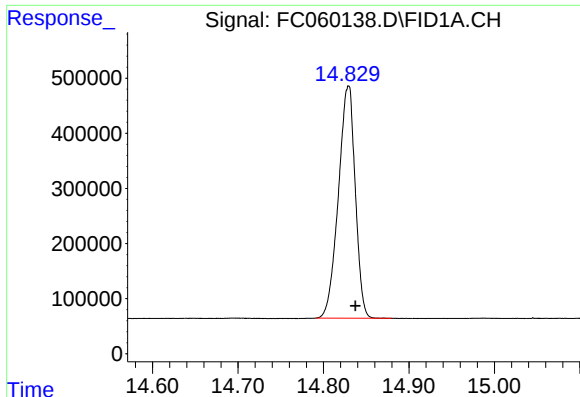
#13 n-Docosane (C22)

R.T.: 12.753 min
Delta R.T.: -0.008 min
Response: 6089292
Conc: 42.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 6005193
Conc: 42.79 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 14.828 min
Delta R.T.: -0.009 min
Response: 5782817
Conc: 42.70 ug/ml

Instrument :

FID_C

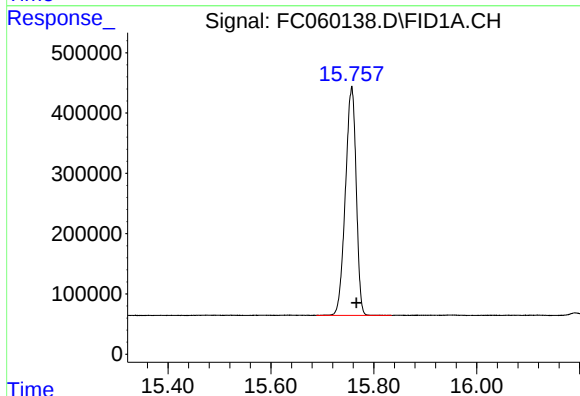
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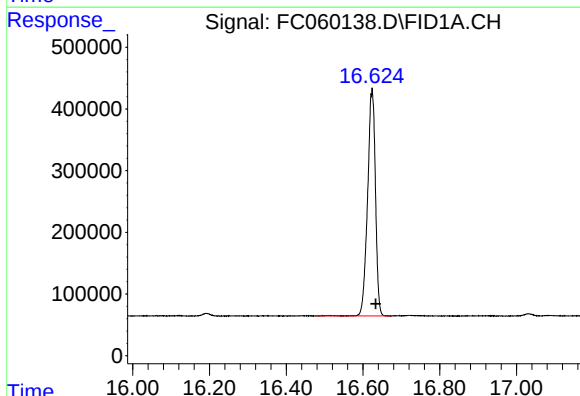
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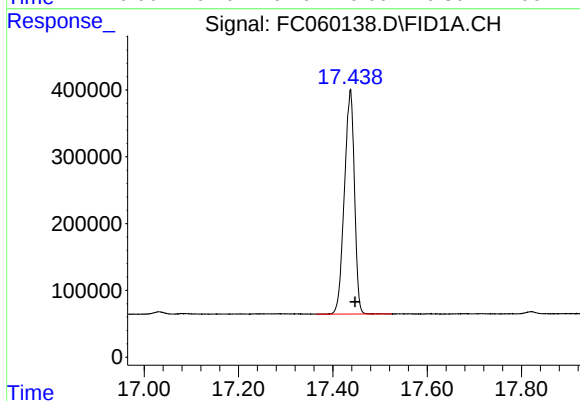
#16 n-Octacosane (C28)

R.T.: 15.756 min
Delta R.T.: -0.010 min
Response: 5505826
Conc: 42.28 ug/ml



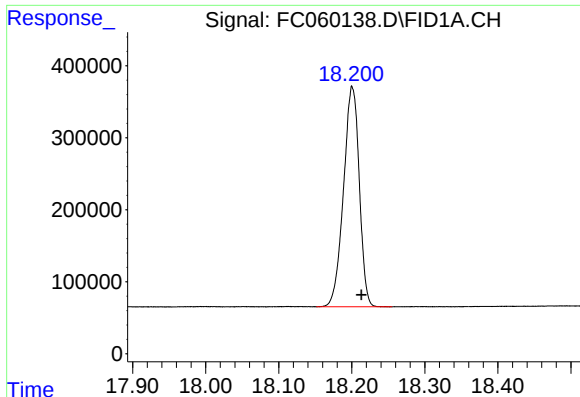
#17 n-Tricontane (C30)

R.T.: 16.623 min
Delta R.T.: -0.010 min
Response: 5216069
Conc: 42.61 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.436 min
Delta R.T.: -0.011 min
Response: 4969666
Conc: 44.57 ug/ml



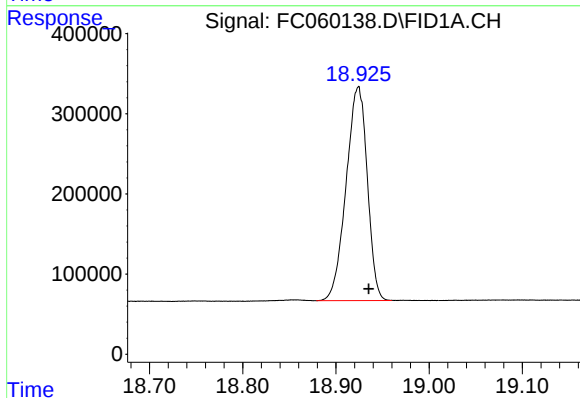
#19 n-Tetratriacontane (C34)

R.T.: 18.200 min
Delta R.T.: -0.013 min
Response: 4586297
Conc: 44.97 ug/ml

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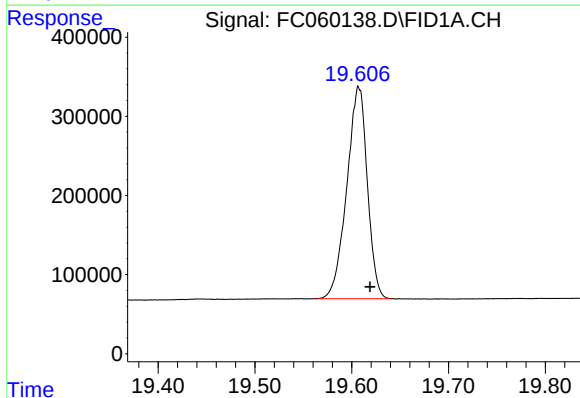
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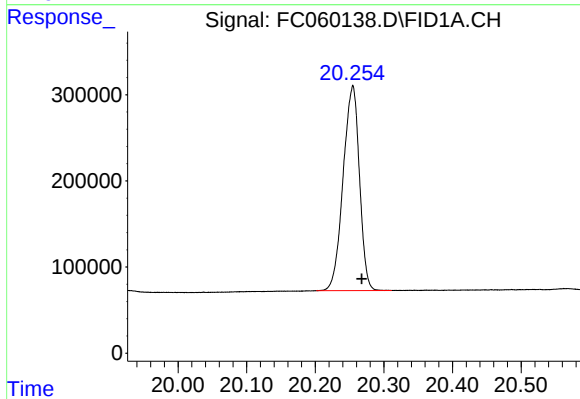
#20 n-Hexatriacontane (C36)

R.T.: 18.925 min
Delta R.T.: -0.010 min
Response: 4213465
Conc: 44.49 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.606 min
Delta R.T.: -0.013 min
Response: 3952032
Conc: 42.83 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.254 min
Delta R.T.: -0.014 min
Response: 3921330
Conc: 41.68 ug/ml