

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060722AL\
 Data File : FC060132.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2022 17:47
 Operator : UA/NP
 Sample : PB145301BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145301BSD

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 02:28:42 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	3228982	26.043 ug/ml
Spiked Amount 50.000		Recovery =	52.09%
Target Compounds			
1) T n-Nonane (C9)	2.627	2685578	20.983 ug/ml
2) T n-Decane (C10)	3.625	3417157	26.711 ug/ml
4) T n-Dodecane (C12)	5.577	4121315	30.916 ug/ml
6) T n-Tetradecane (C14)	7.329	4447934	32.582 ug/ml
7) T n-Hexadecane (C16)	8.892	5055539	36.032 ug/ml
8) T n-Octadecane (C18)	10.302	5618237	39.259 ug/ml
10) T n-Eicosane (C20)	11.582	5569746	39.039 ug/ml
11) T n-Heneicosane (C21)	12.181	5581737	38.941 ug/ml
13) T n-Docosane (C22)	12.754	5506141	38.640 ug/ml
14) T n-Tetracosane (C24)	13.832	5370338	38.269 ug/ml
15) T n-Hexacosane (C26)	14.829	5181929	38.267 ug/ml
16) T n-Octacosane (C28)	15.757	4926347	37.826 ug/ml
17) T n-Tricontane (C30)	16.624	4678155	38.212 ug/ml
18) T n-Dotriacontane (C32)	17.437	4484527	40.222 ug/ml
19) T n-Tetratriacontane (C34)	18.202	4115449	40.350 ug/ml
20) T n-Hexatriacontane (C36)	18.925	3786031	39.980 ug/mlm
21) T n-Octatriacontane (C38)	19.605	3542775	38.399 ug/mlm
22) T n-Tetracontane (C40)	20.254	3471792	36.900 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
Sample : PB145301BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

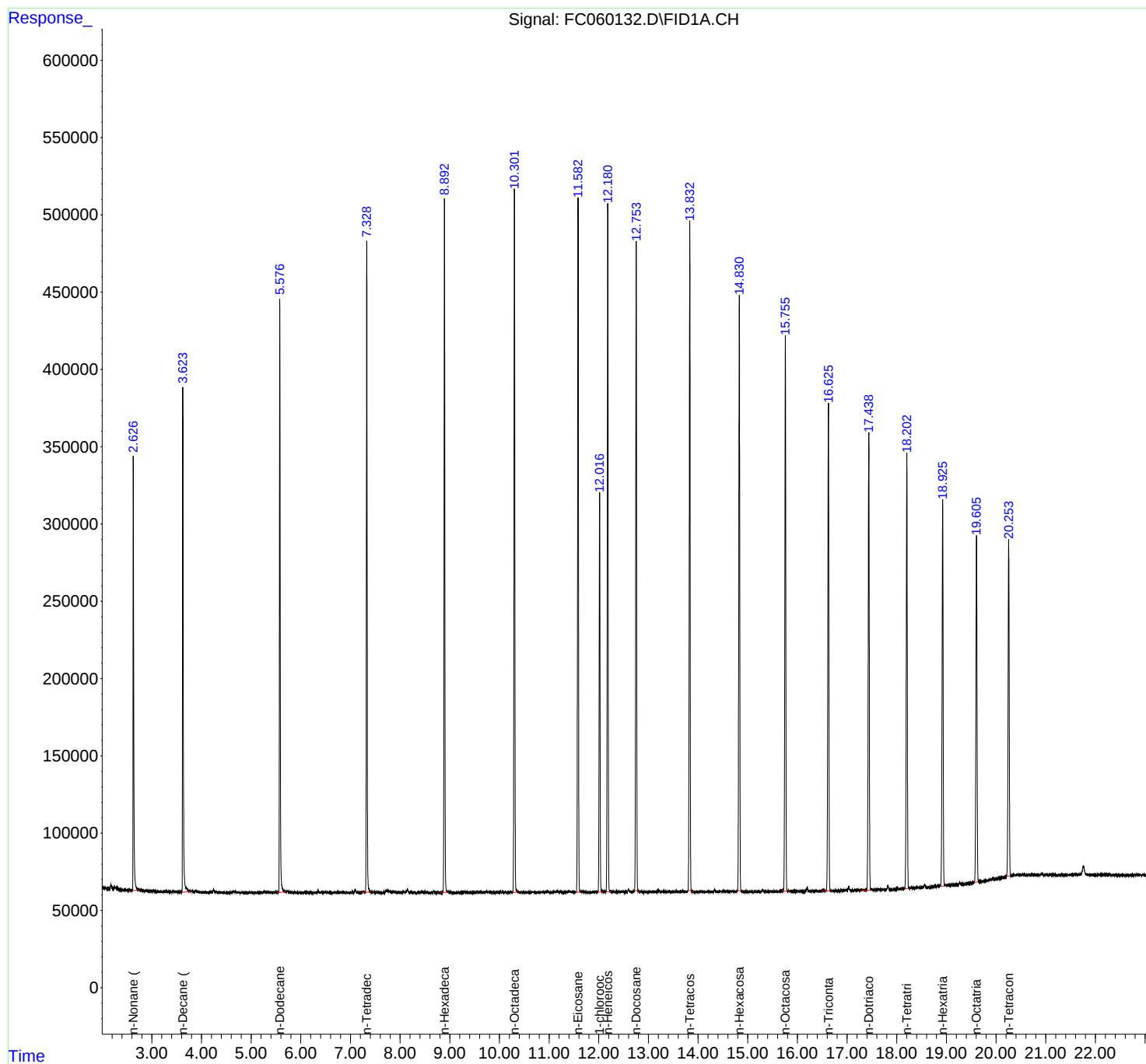
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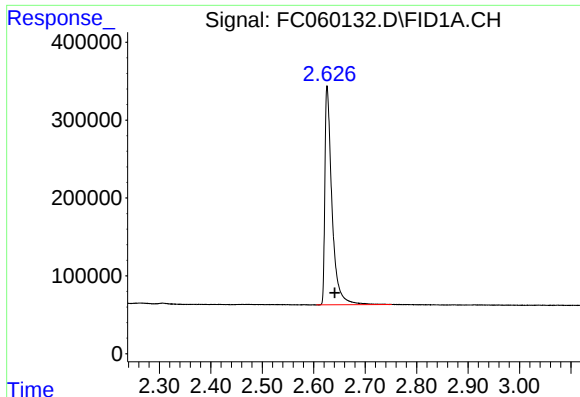
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.014 min
Response: 2685578
Conc: 20.98 ug/ml

Instrument :

FID_C

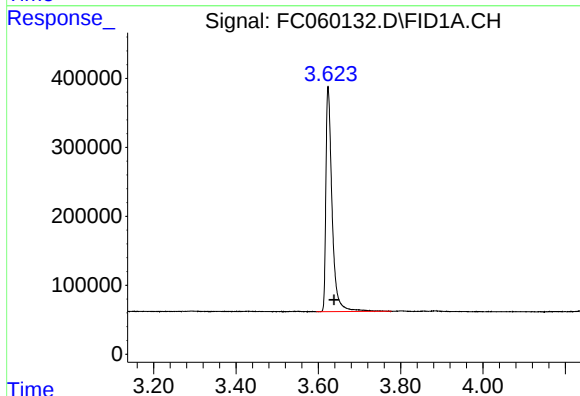
ClientSampleId :

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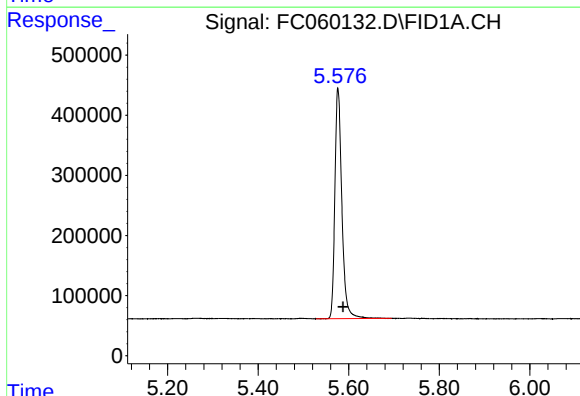
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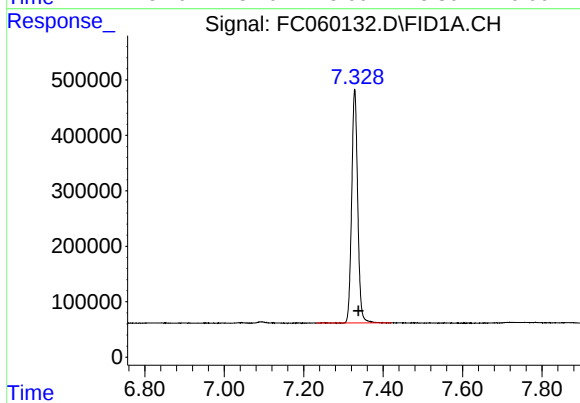
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 3417157
Conc: 26.71 ug/ml



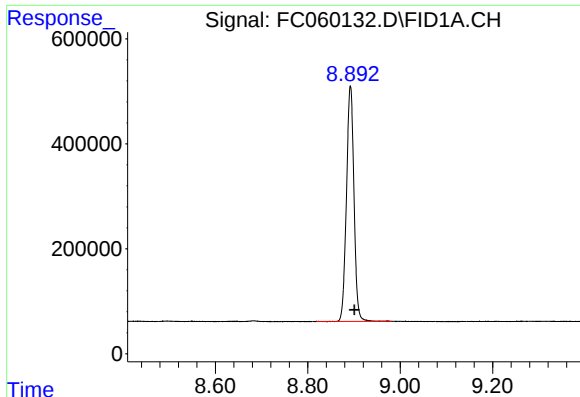
#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 4121315
Conc: 30.92 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 4447934
Conc: 32.58 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 5055539
Conc: 36.03 ug/ml

Instrument :

FID_C

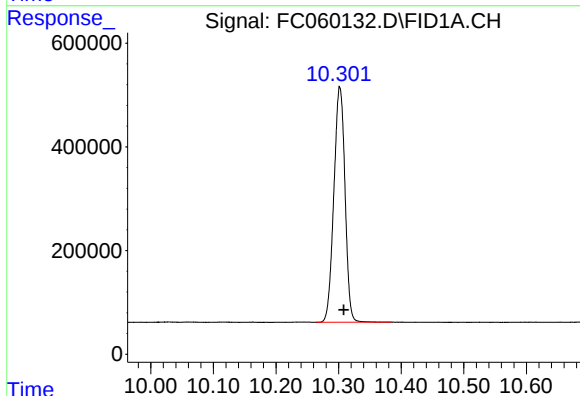
ClientSampleId :

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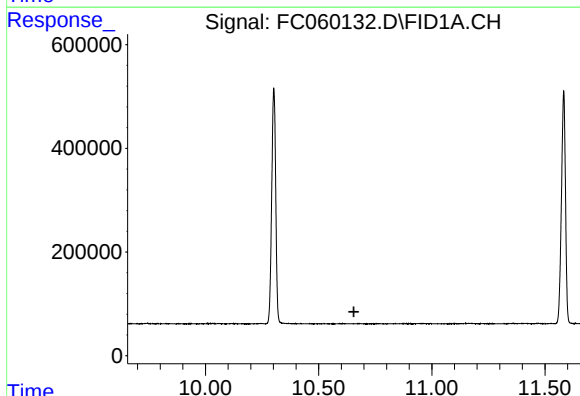
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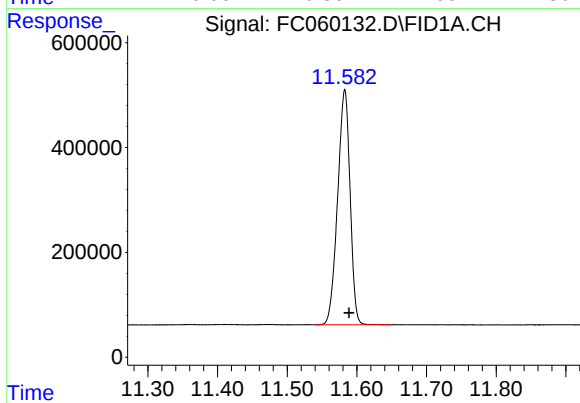
#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.006 min
Response: 5618237
Conc: 39.26 ug/ml



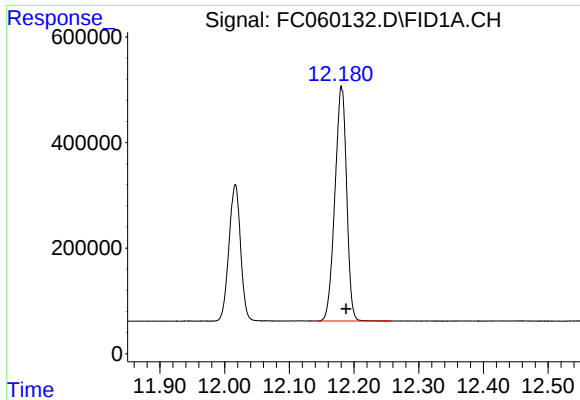
#9 ortho-Terphenyl (SURR)

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: 5569746
Conc: 39.04 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.007 min
Response: 5581737
Conc: 38.94 ug/ml

Instrument :

FID_C

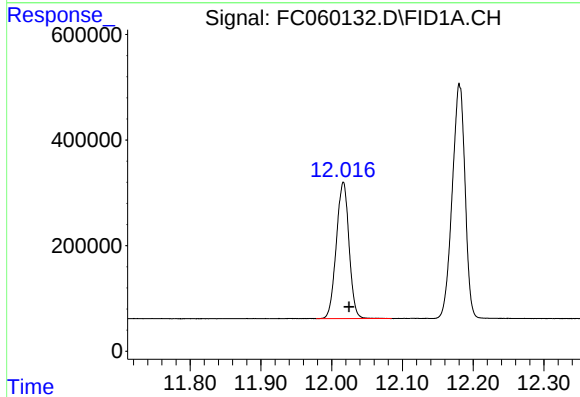
ClientSampleId :

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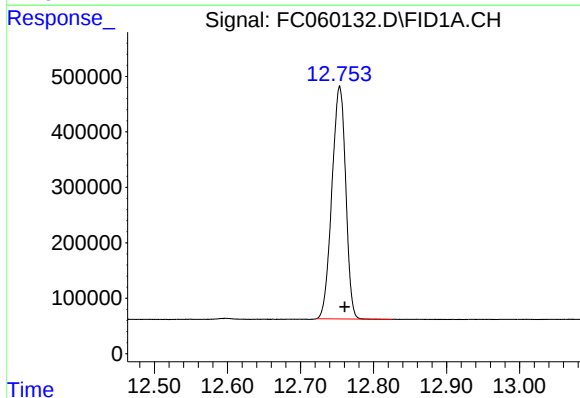
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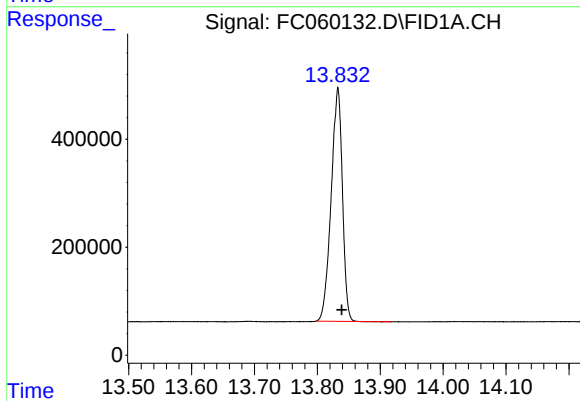
#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.009 min
Response: 3228982
Conc: 26.04 ug/ml



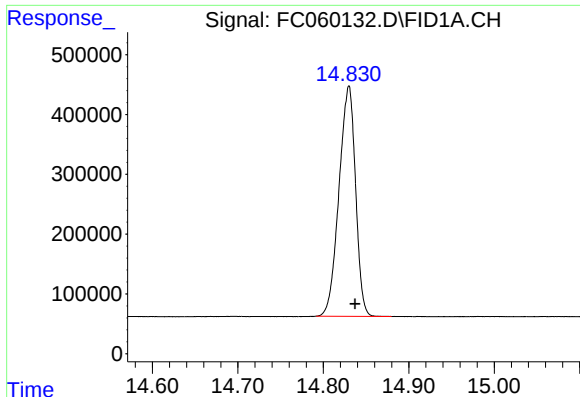
#13 n-Docosane (C22)

R.T.: 12.754 min
Delta R.T.: -0.007 min
Response: 5506141
Conc: 38.64 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 5370338
Conc: 38.27 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 5181929
Conc: 38.27 ug/ml

Instrument :

FID_C

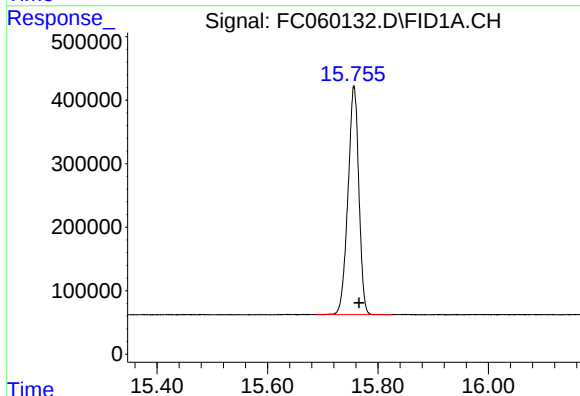
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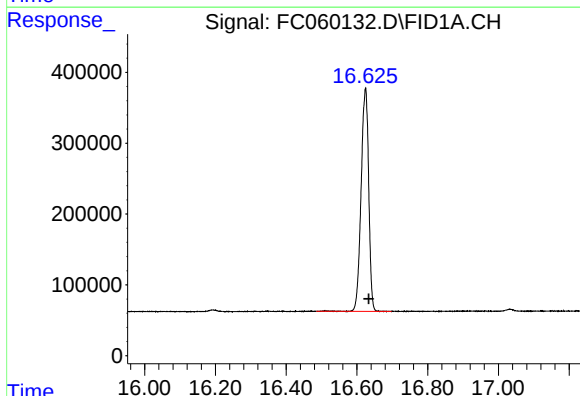
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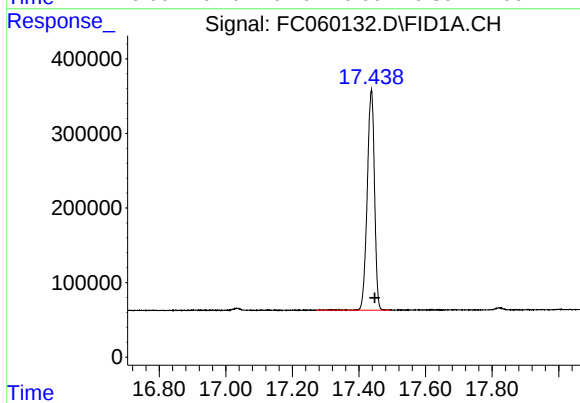
#16 n-Octacosane (C28)

R.T.: 15.757 min
Delta R.T.: -0.009 min
Response: 4926347
Conc: 37.83 ug/ml



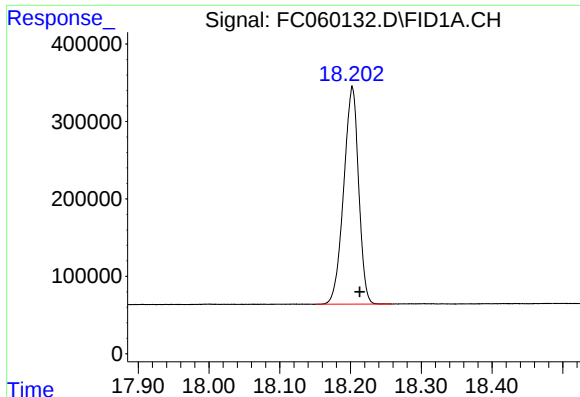
#17 n-Tricontane (C30)

R.T.: 16.624 min
Delta R.T.: -0.009 min
Response: 4678155
Conc: 38.21 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.437 min
Delta R.T.: -0.010 min
Response: 4484527
Conc: 40.22 ug/ml



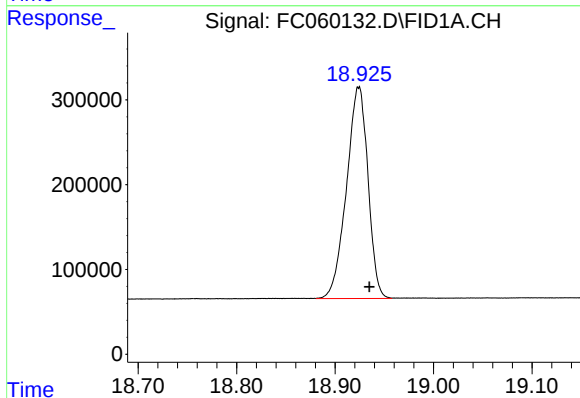
#19 n-Tetratriacontane (C34)

R.T.: 18.202 min
Delta R.T.: -0.011 min
Response: 4115449
Conc: 40.35 ug/ml

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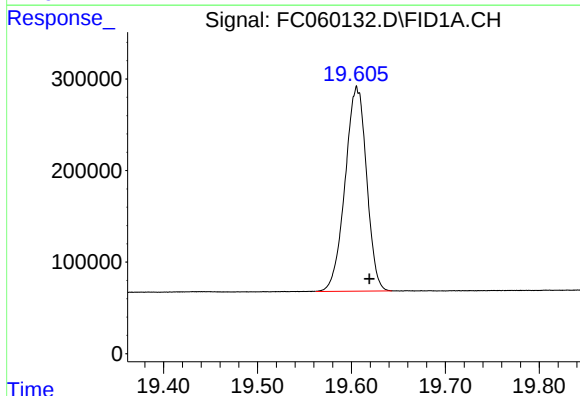
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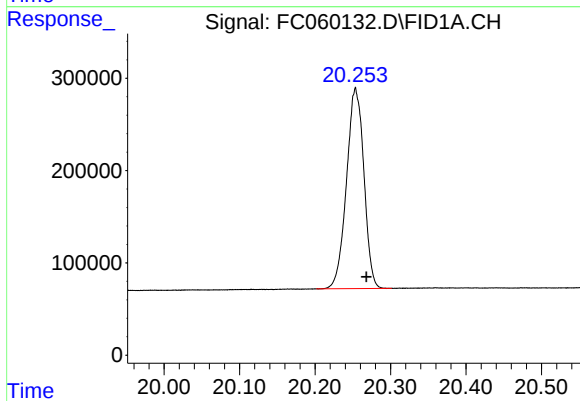
#20 n-Hexatriacontane (C36)

R.T.: 18.925 min
Delta R.T.: -0.010 min
Response: 3786031
Conc: 39.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.605 min
Delta R.T.: -0.014 min
Response: 3542775
Conc: 38.40 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.254 min
Delta R.T.: -0.014 min
Response: 3471792
Conc: 36.90 ug/ml