

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060822AL\
 Data File : FC060165.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jun 2022 18:52
 Operator : UA/NP
 Sample : PB145403BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145403BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2022
 Supervised By :Ankita Jodhani 06/09/2022

Integration File: autoint1.e
 Quant Time: Jun 09 02:03:13 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	4659622	37.581 ug/ml
Spiked Amount 50.000		Recovery =	75.16%
Target Compounds			
1) T n-Nonane (C9)	2.628	2798391	21.865 ug/ml
2) T n-Decane (C10)	3.625	3443822	26.919 ug/ml
4) T n-Dodecane (C12)	5.576	4350754	32.637 ug/ml
6) T n-Tetradecane (C14)	7.328	5162597	37.817 ug/ml
7) T n-Hexadecane (C16)	8.892	6314134	45.002 ug/ml
8) T n-Octadecane (C18)	10.301	7153554	49.987 ug/ml
10) T n-Eicosane (C20)	11.581	7038724	49.336 ug/ml
11) T n-Heneicosane (C21)	12.180	7044325	49.145 ug/ml
13) T n-Docosane (C22)	12.753	6967467	48.895 ug/mlm
14) T n-Tetracosane (C24)	13.832	8143612	58.032 ug/mlm
15) T n-Hexacosane (C26)	14.829	6512934	48.096 ug/ml
16) T n-Octacosane (C28)	15.758	6913984	53.088 ug/mlm
17) T n-Tricontane (C30)	16.624	5856776	47.840 ug/ml
18) T n-Dotriacontane (C32)	17.438	5663897	50.799 ug/ml
19) T n-Tetratriacontane (C34)	18.203	5166559	50.655 ug/ml
20) T n-Hexatriacontane (C36)	18.924	4769952	50.370 ug/mlm
21) T n-Octatriacontane (C38)	19.605	4473736	48.489 ug/mlm
22) T n-Tetracontane (C40)	20.255	4440991	47.201 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB145403BSD
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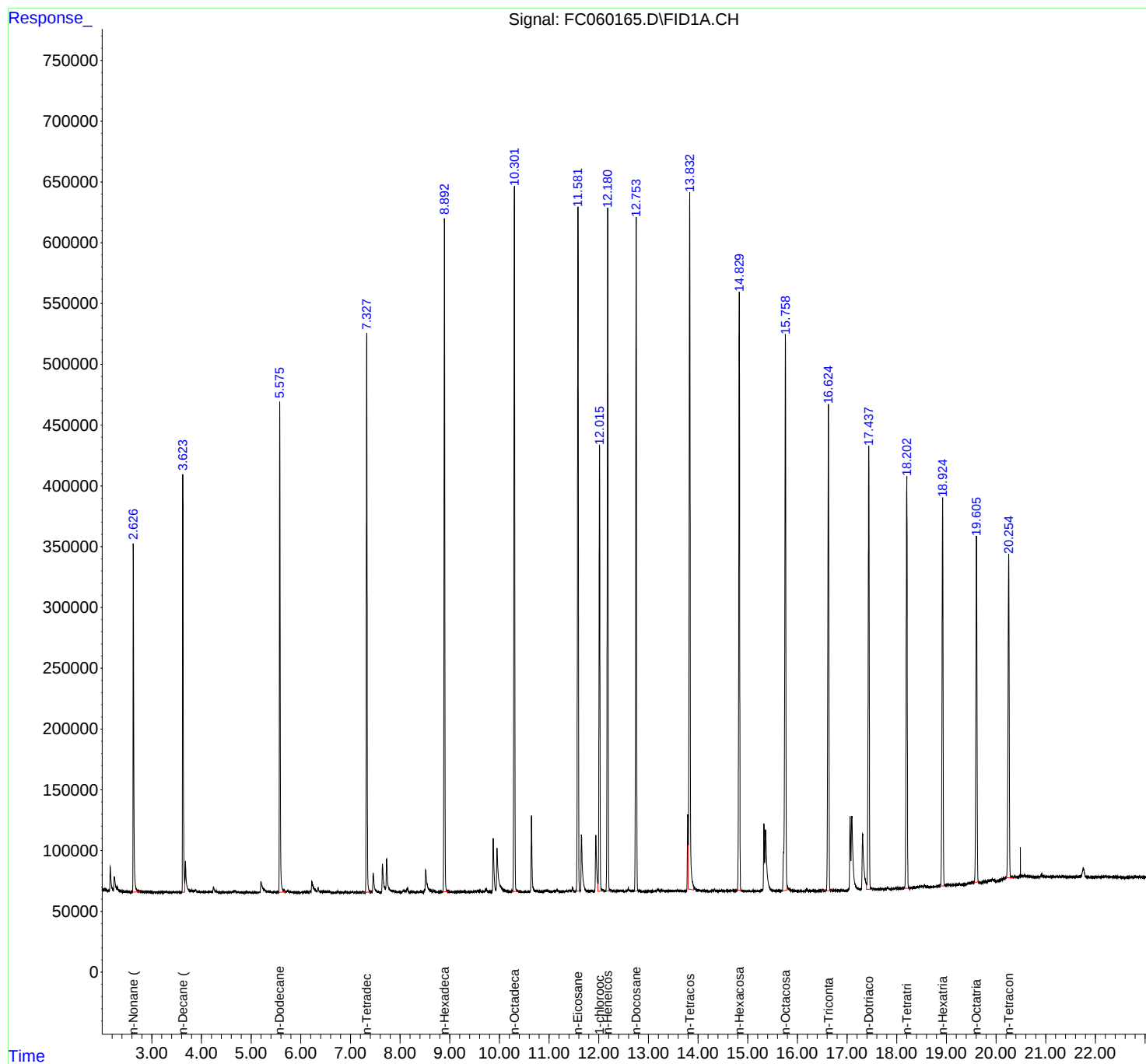
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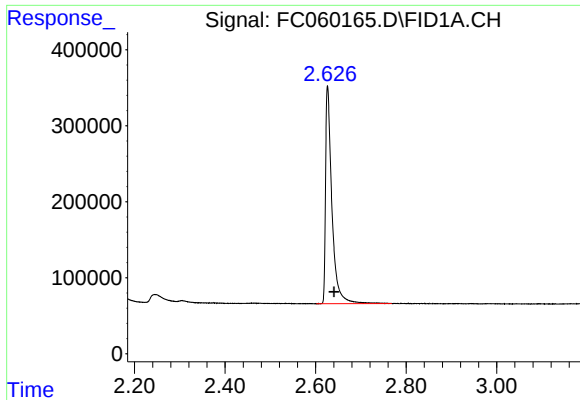
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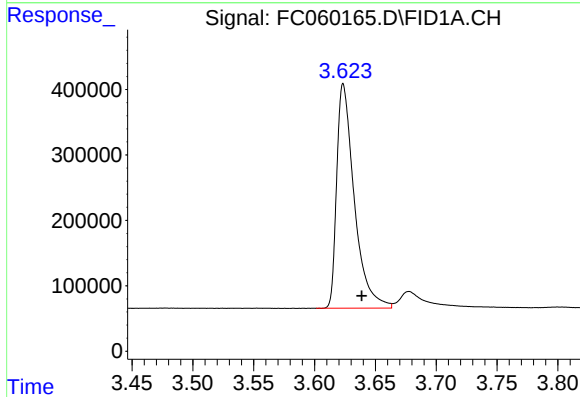
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: -0.013 min
Response: 2798391
Conc: 21.86 ug/ml

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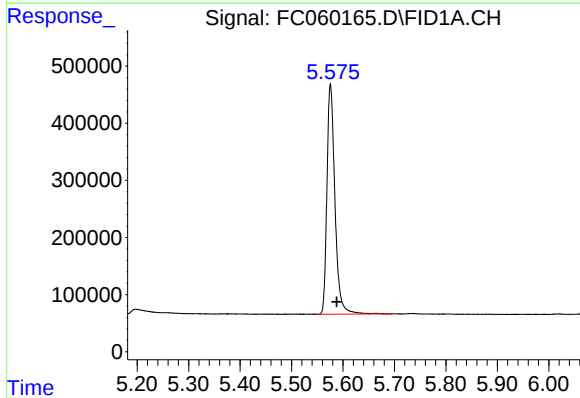
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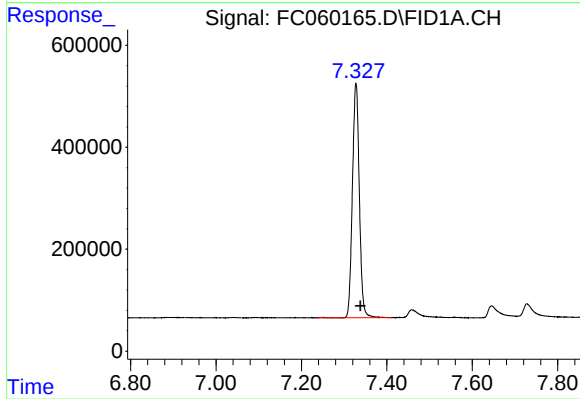
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 3443822
Conc: 26.92 ug/ml



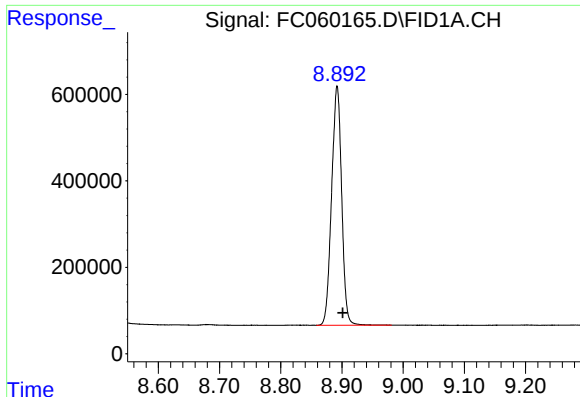
#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 4350754
Conc: 32.64 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.010 min
Response: 5162597
Conc: 37.82 ug/ml



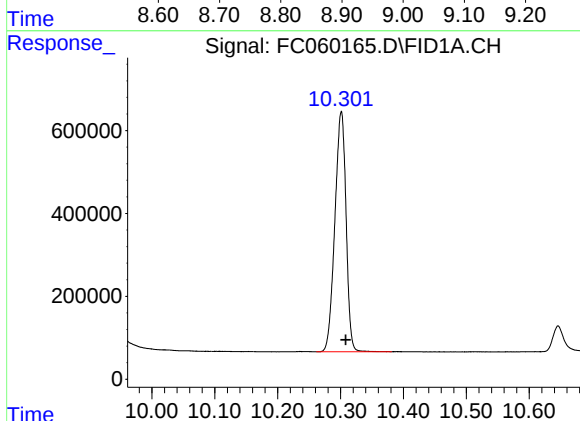
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 6314134
Conc: 45.00 ug/ml

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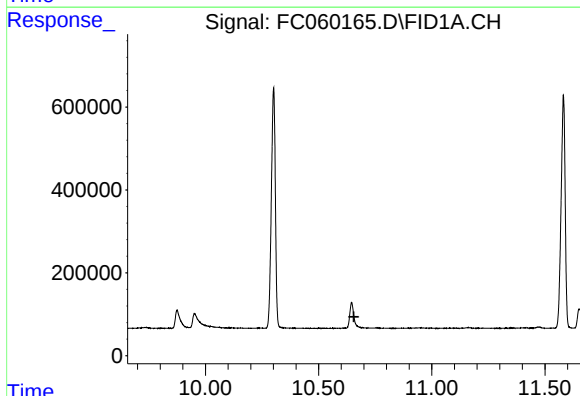
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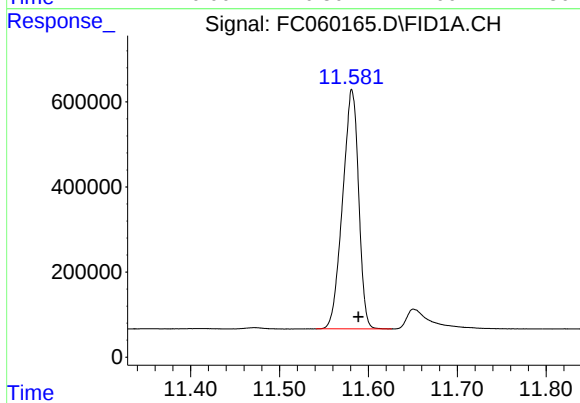
#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 7153554
Conc: 49.99 ug/ml



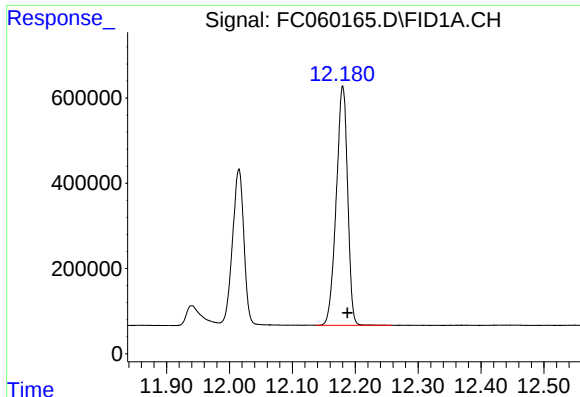
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.007 min
Response: 7038724
Conc: 49.34 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.180 min
Delta R.T.: -0.008 min
Response: 7044325
Conc: 49.14 ug/ml

Instrument :

FID_C

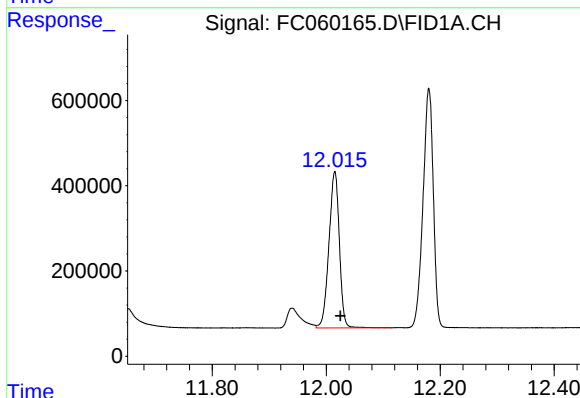
ClientSampleId :

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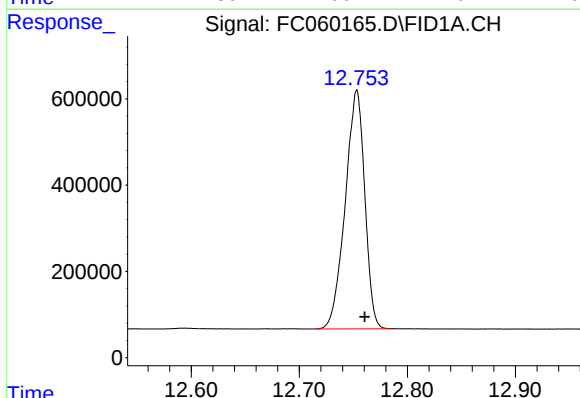
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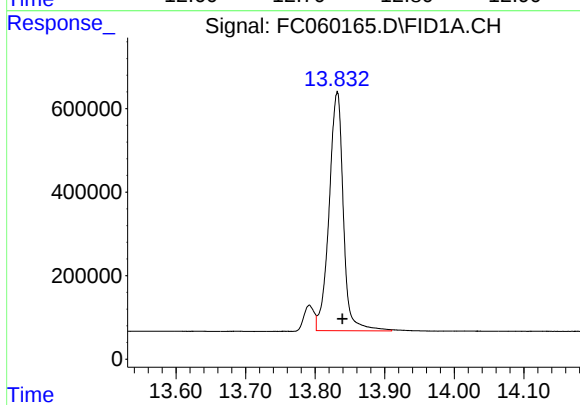
#12 1-chlorooctadecane (SURR)

R.T.: 12.015 min
Delta R.T.: -0.010 min
Response: 4659622
Conc: 37.58 ug/ml



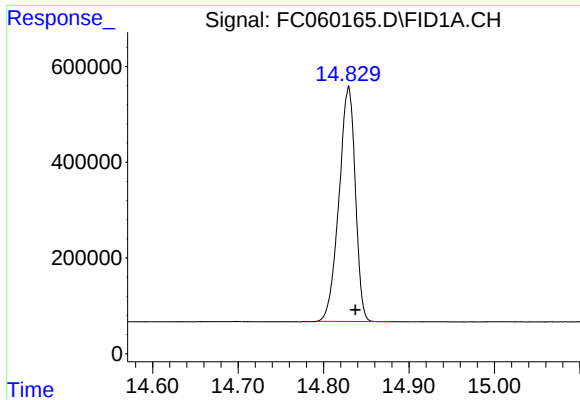
#13 n-Docosane (C22)

R.T.: 12.753 min
Delta R.T.: -0.007 min
Response: 6967467
Conc: 48.90 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.008 min
Response: 8143612
Conc: 58.03 ug/ml m



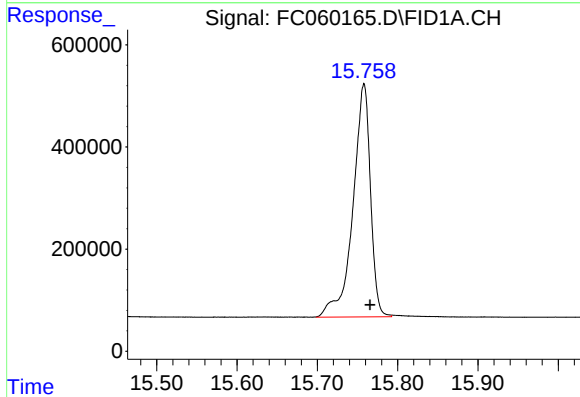
#15 n-Hexacosane (C26)

R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 6512934
Conc: 48.10 ug/ml

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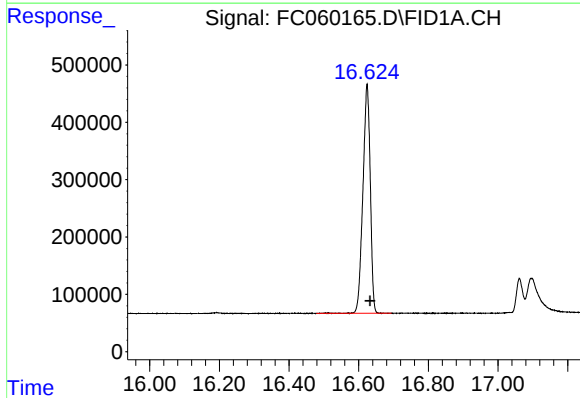
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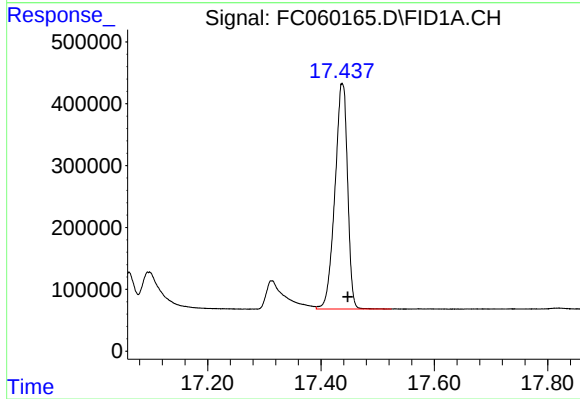
#16 n-Octacosane (C28)

R.T.: 15.758 min
Delta R.T.: -0.008 min
Response: 6913984
Conc: 53.09 ug/ml m



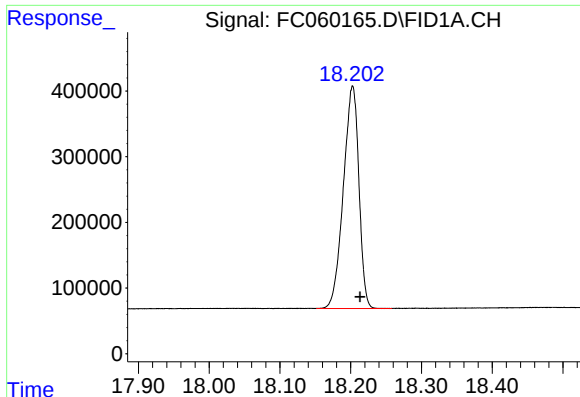
#17 n-Tricontane (C30)

R.T.: 16.624 min
Delta R.T.: -0.009 min
Response: 5856776
Conc: 47.84 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.438 min
Delta R.T.: -0.010 min
Response: 5663897
Conc: 50.80 ug/ml



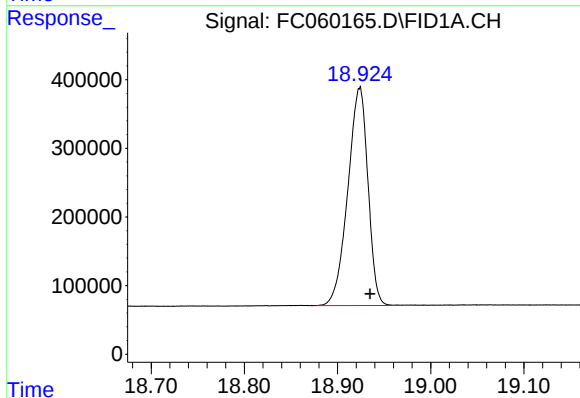
#19 n-Tetratriacontane (C34)

R.T.: 18.203 min
Delta R.T.: -0.011 min
Response: 5166559
Conc: 50.66 ug/ml

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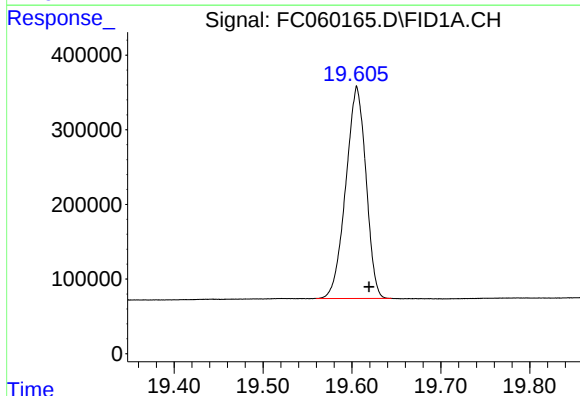
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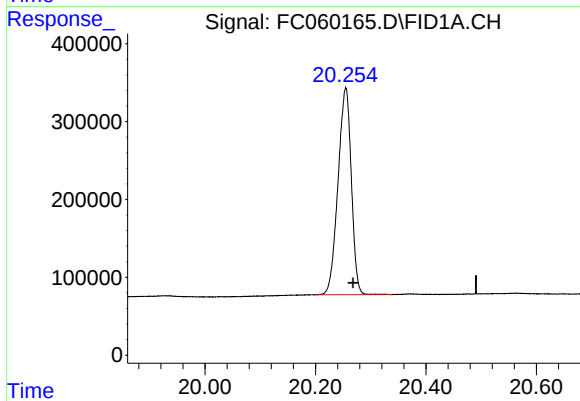
#20 n-Hexatriacontane (C36)

R.T.: 18.924 min
Delta R.T.: -0.011 min
Response: 4769952
Conc: 50.37 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.605 min
Delta R.T.: -0.014 min
Response: 4473736
Conc: 48.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.255 min
Delta R.T.: -0.013 min
Response: 4440991
Conc: 47.20 ug/ml