

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC053122AL\
 Data File : FC060032.D
 Signal(s) : FID1A.CH
 Acq On : 01 Jun 2022 9:49
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E
 Quant Time: Jun 01 10:17:22 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			
9) S ortho-Terphenyl (SURR)	10.649	3233914	20.780 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
12) S 1-chlorooctadecane (S...	12.018	2599660	20.967 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
Target Compounds			
1) T n-Nonane (C9)	2.631	2674628	20.898 ug/ml
2) T n-Decane (C10)	3.628	2702559	21.125 ug/ml
3) T A~Naphthalene (C11.7)	5.165	3098633	21.438 ug/ml
4) T n-Dodecane (C12)	5.580	2828131	21.215 ug/ml
5) T A~2-methylnaphthalene...	6.189	3136846	21.373 ug/ml
6) T n-Tetradecane (C14)	7.331	2897341	21.224 ug/ml
7) T n-Hexadecane (C16)	8.895	2973217	21.191 ug/ml
8) T n-Octadecane (C18)	10.304	3018368	21.092 ug/ml
10) T n-Eicosane (C20)	11.583	2991897	20.971 ug/ml
11) T n-Heneicosane (C21)	12.181	2987432	20.842 ug/ml
13) T n-Docosane (C22)	12.753	2960198	20.774 ug/ml
14) T n-Tetracosane (C24)	13.832	2885332	20.561 ug/ml
15) T n-Hexacosane (C26)	14.830	2770258	20.457 ug/ml
16) T n-Octacosane (C28)	15.759	2671110	20.510 ug/ml
17) T n-Tricontane (C30)	16.624	2576005	21.041 ug/ml
18) T n-Dotriacontane (C32)	17.437	2412265	21.636 ug/ml
19) T n-Tetratriacontane (C34)	18.203	2215110	21.718 ug/ml
20) T n-Hexatriacontane (C36)	18.924	2061548	21.770 ug/mlm
21) T n-Octatriacontane (C38)	19.608	2008293	21.767 ug/mlm
22) T n-Tetracontane (C40)	20.257	2034870	21.628 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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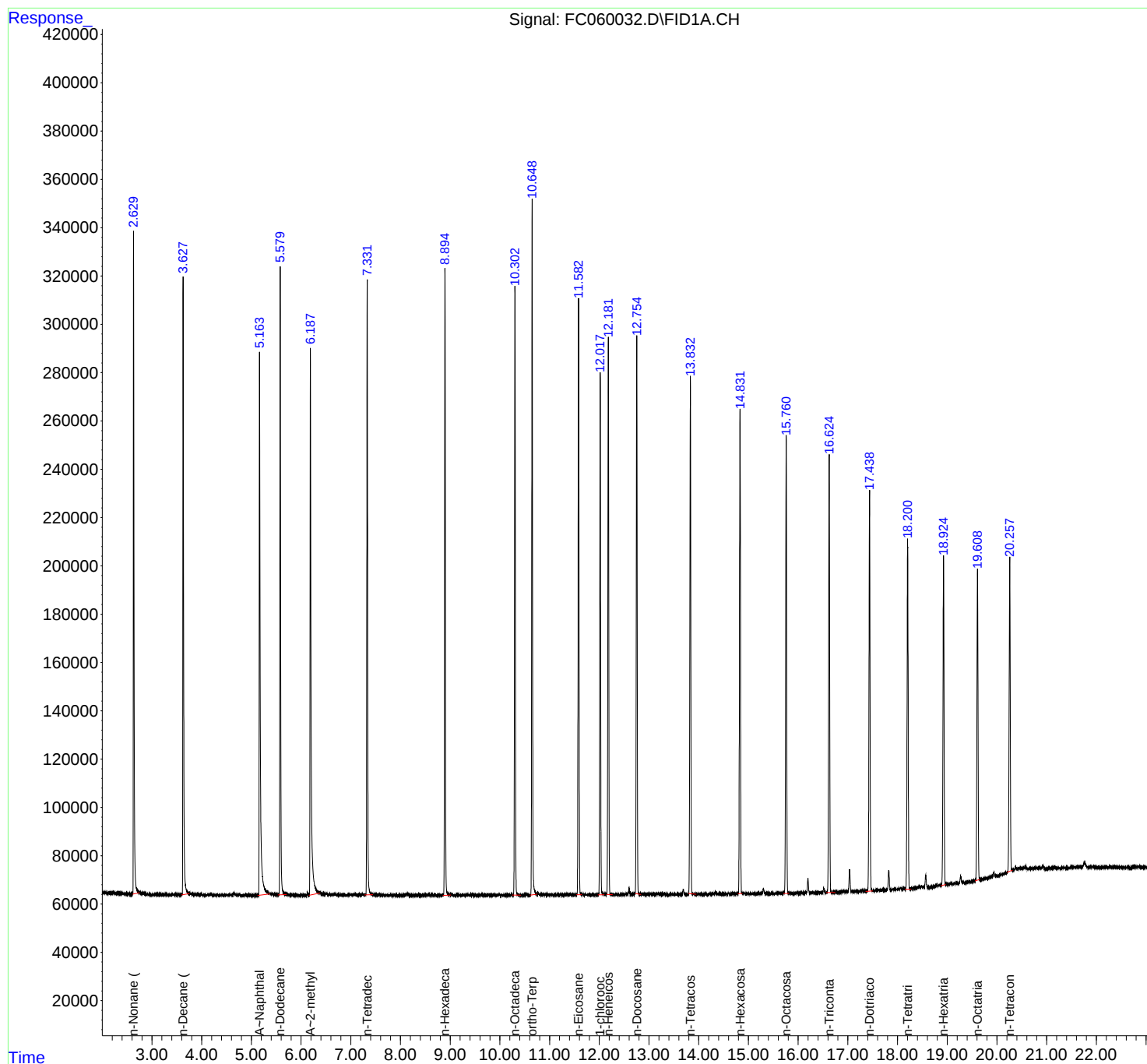
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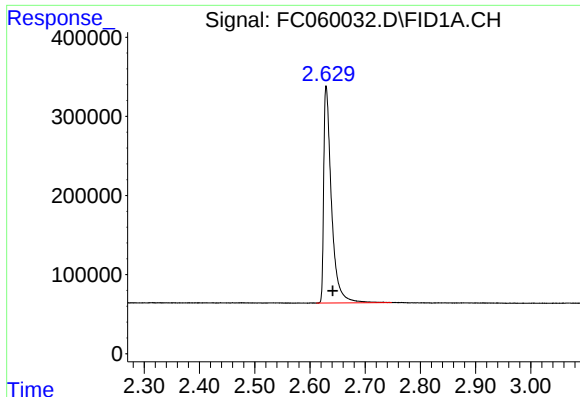
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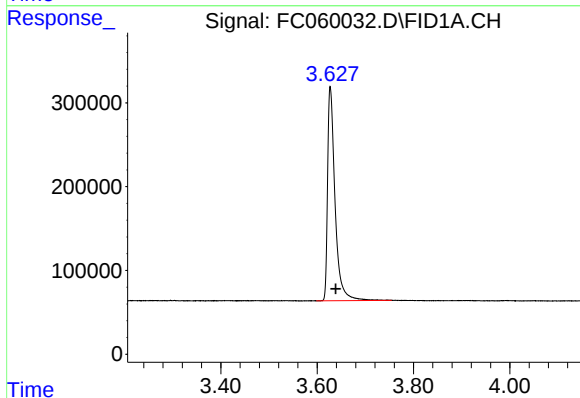
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.010 min
Response: 2674628
Conc: 20.90 ug/ml

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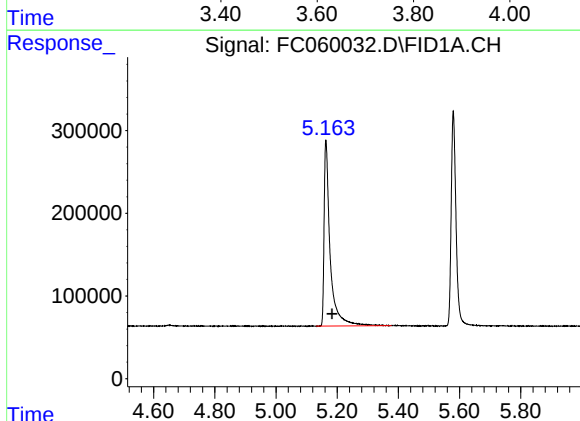
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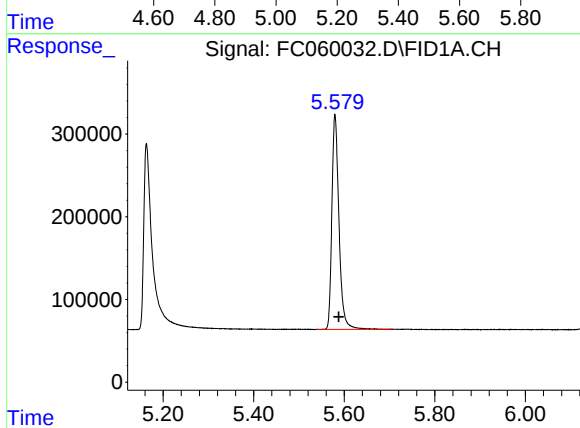
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.011 min
Response: 2702559
Conc: 21.13 ug/ml



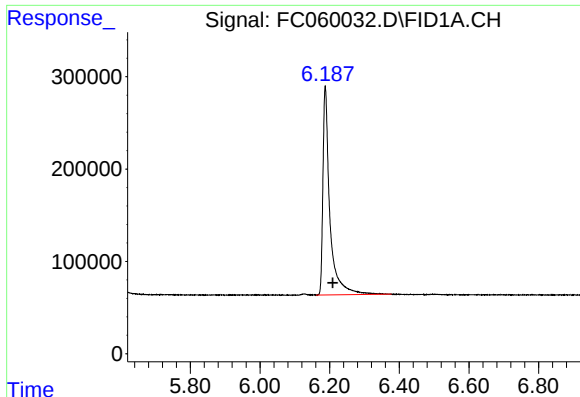
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.018 min
Response: 3098633
Conc: 21.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.580 min
Delta R.T.: -0.007 min
Response: 2828131
Conc: 21.22 ug/ml



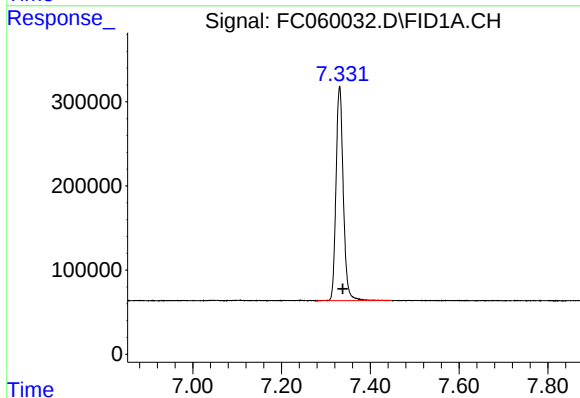
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.020 min
Response: 3136846
Conc: 21.37 ug/ml

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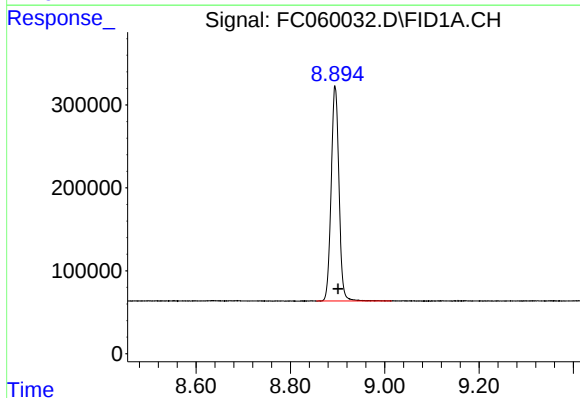
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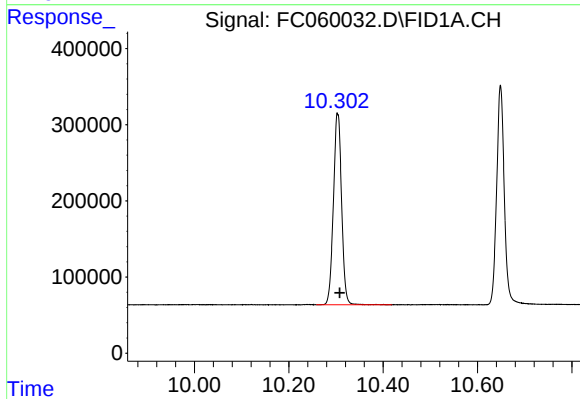
#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 2897341
Conc: 21.22 ug/ml



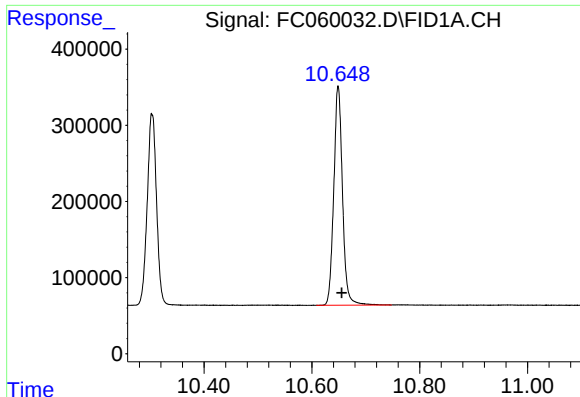
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.006 min
Response: 2973217
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.005 min
Response: 3018368
Conc: 21.09 ug/ml



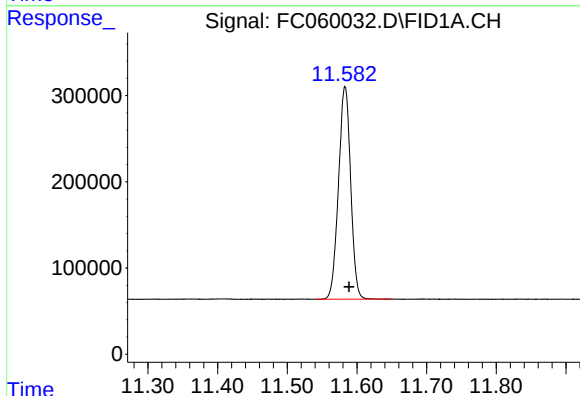
#9 ortho-Terphenyl (SURR)

R.T.: 10.649 min
Delta R.T.: -0.007 min
Response: 3233914
Conc: 20.78 ug/ml

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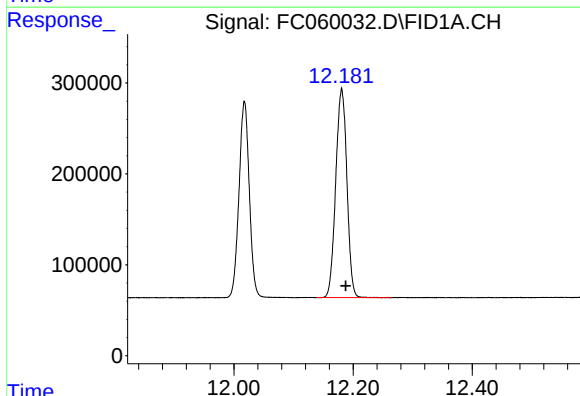
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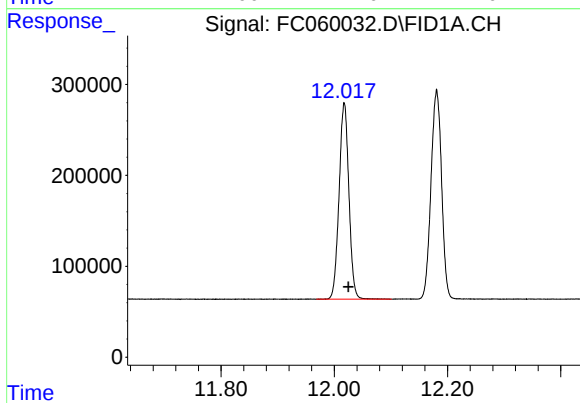
#10 n-Eicosane (C20)

R.T.: 11.583 min
Delta R.T.: -0.006 min
Response: 2991897
Conc: 20.97 ug/ml



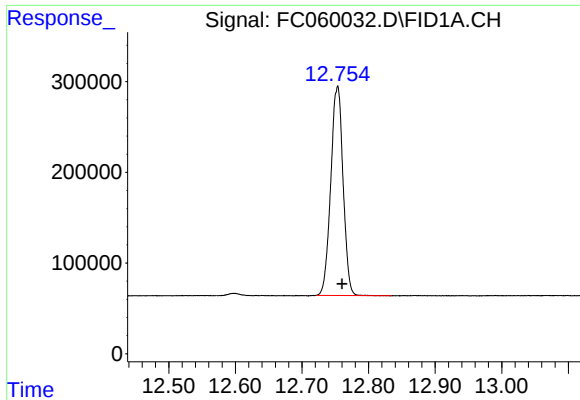
#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.007 min
Response: 2987432
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min
Delta R.T.: -0.007 min
Response: 2599660
Conc: 20.97 ug/ml



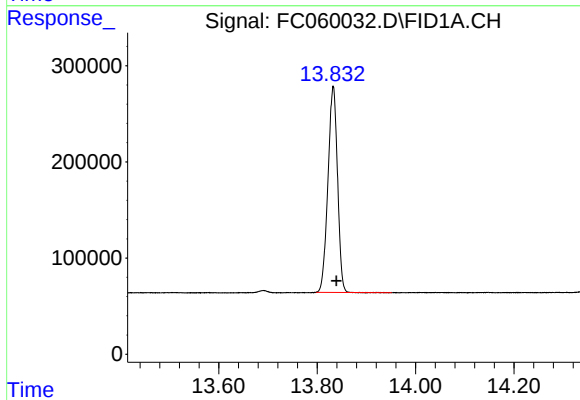
#13 n-Docosane (C22)

R.T.: 12.753 min
Delta R.T.: -0.008 min
Response: 2960198
Conc: 20.77 ug/ml

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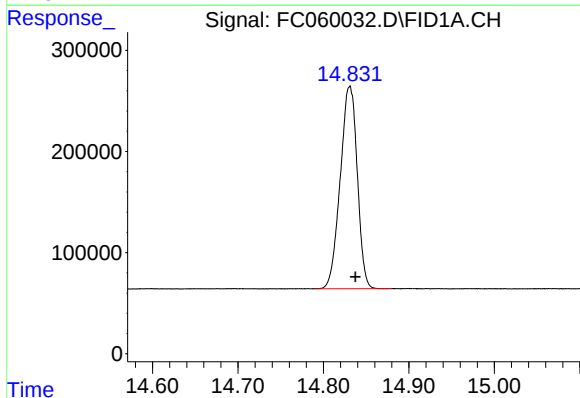
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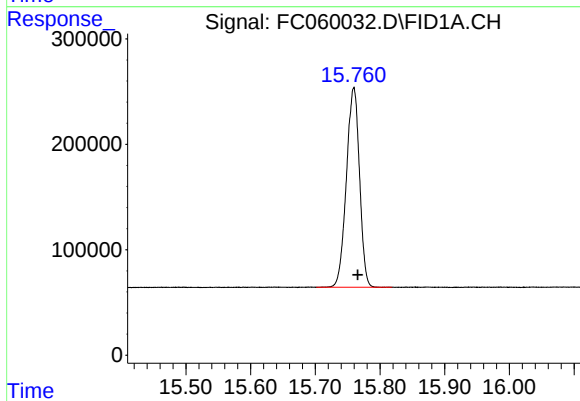
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 2885332
Conc: 20.56 ug/ml



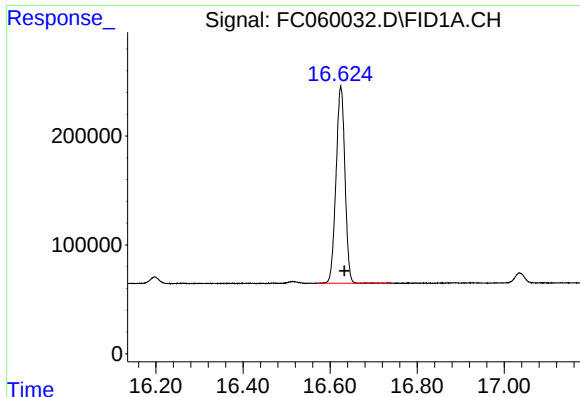
#15 n-Hexacosane (C26)

R.T.: 14.830 min
Delta R.T.: -0.007 min
Response: 2770258
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.759 min
Delta R.T.: -0.007 min
Response: 2671110
Conc: 20.51 ug/ml



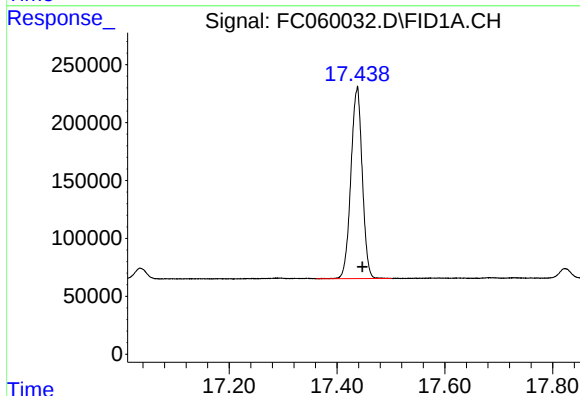
#17 n-Tricontane (C30)

R.T.: 16.624 min
Delta R.T.: -0.009 min
Response: 2576005
Conc: 21.04 ug/ml

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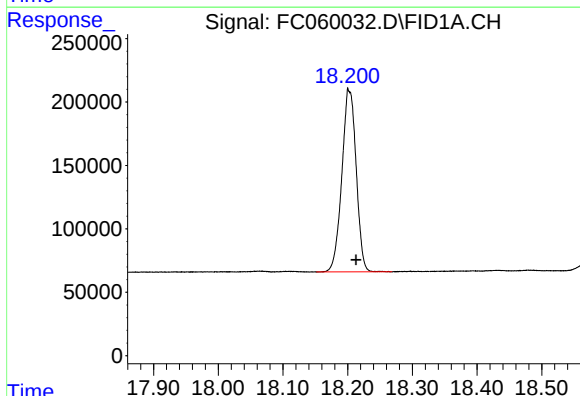
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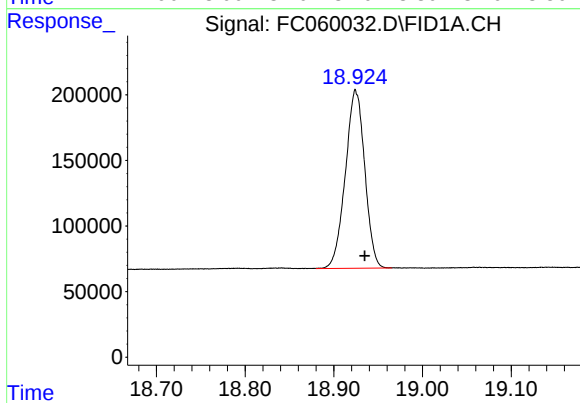
#18 n-Dotriacontane (C32)

R.T.: 17.437 min
Delta R.T.: -0.011 min
Response: 2412265
Conc: 21.64 ug/ml



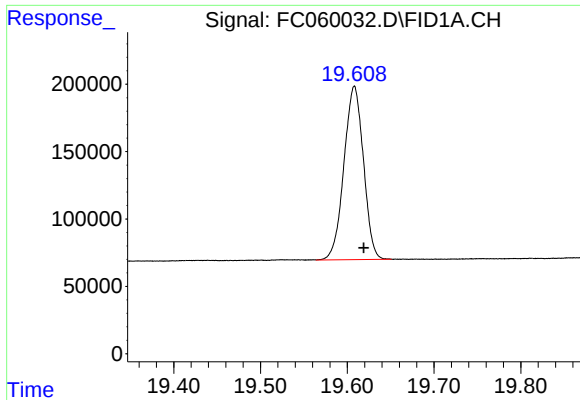
#19 n-Tetratriacontane (C34)

R.T.: 18.203 min
Delta R.T.: -0.010 min
Response: 2215110
Conc: 21.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.924 min
Delta R.T.: -0.011 min
Response: 2061548
Conc: 21.77 ug/ml m



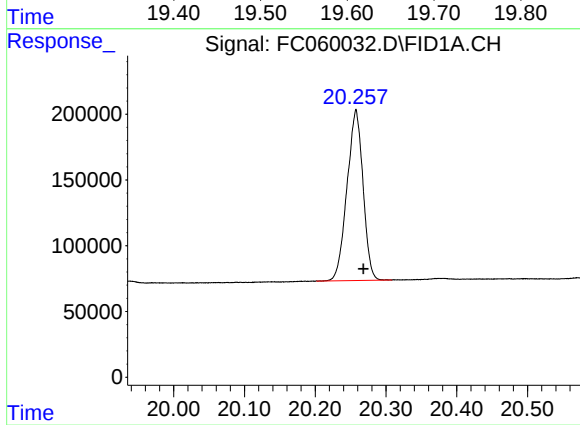
#21 n-Octatriacontane (C38)

R.T.: 19.608 min
Delta R.T.: -0.011 min
Response: 2008293
Conc: 21.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.257 min
Delta R.T.: -0.011 min
Response: 2034870
Conc: 21.63 ug/ml