

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062022AL\
 Data File : FC060354.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jun 2022 15:53
 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 06/21/2022
 Supervised By :Ankita Jodhani 06/22/2022

Integration File: autoint1.e
 Quant Time: Jun 21 01:09:44 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)	10.662	2938245	18.880 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	12.034	2296758	18.524 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T n-Nonane (C9)	2.624	2750105	21.487 ug/ml
2) T n-Decane (C10)	3.626	2775377	21.694 ug/ml
3) T A~Naphthalene (C11.7)	5.172	3063209	21.193 ug/ml
4) T n-Dodecane (C12)	5.584	2870024	21.530 ug/ml
5) T A~2-methylnaphthalene...	6.199	3089072	21.047 ug/ml
6) T n-Tetradecane (C14)	7.339	2867788	21.007 ug/ml
7) T n-Hexadecane (C16)	8.905	2871480	20.466 ug/ml
8) T n-Octadecane (C18)	10.316	2821854	19.718 ug/ml
10) T n-Eicosane (C20)	11.598	2704686	18.958 ug/ml
11) T n-Heneicosane (C21)	12.197	2664777	18.591 ug/ml
13) T n-Docosane (C22)	12.771	2633331	18.480 ug/ml
14) T n-Tetracosane (C24)	13.852	2541044	18.108 ug/ml
15) T n-Hexacosane (C26)	14.852	2445995	18.063 ug/ml
16) T n-Octacosane (C28)	15.782	2497059	19.173 ug/ml
17) T n-Tricontane (C30)	16.651	2558226	20.896 ug/ml
18) T n-Dotriacontane (C32)	17.465	2496336	22.390 ug/mlm
19) T n-Tetratriacontane (C34)	18.232	2396390	23.495 ug/mlm
20) T n-Hexatriacontane (C36)	18.958	2324812	24.550 ug/mlm
21) T n-Octatriacontane (C38)	19.641	2224498	24.111 ug/mlm
22) T n-Tetracontane (C40)	20.288	2161966	22.979 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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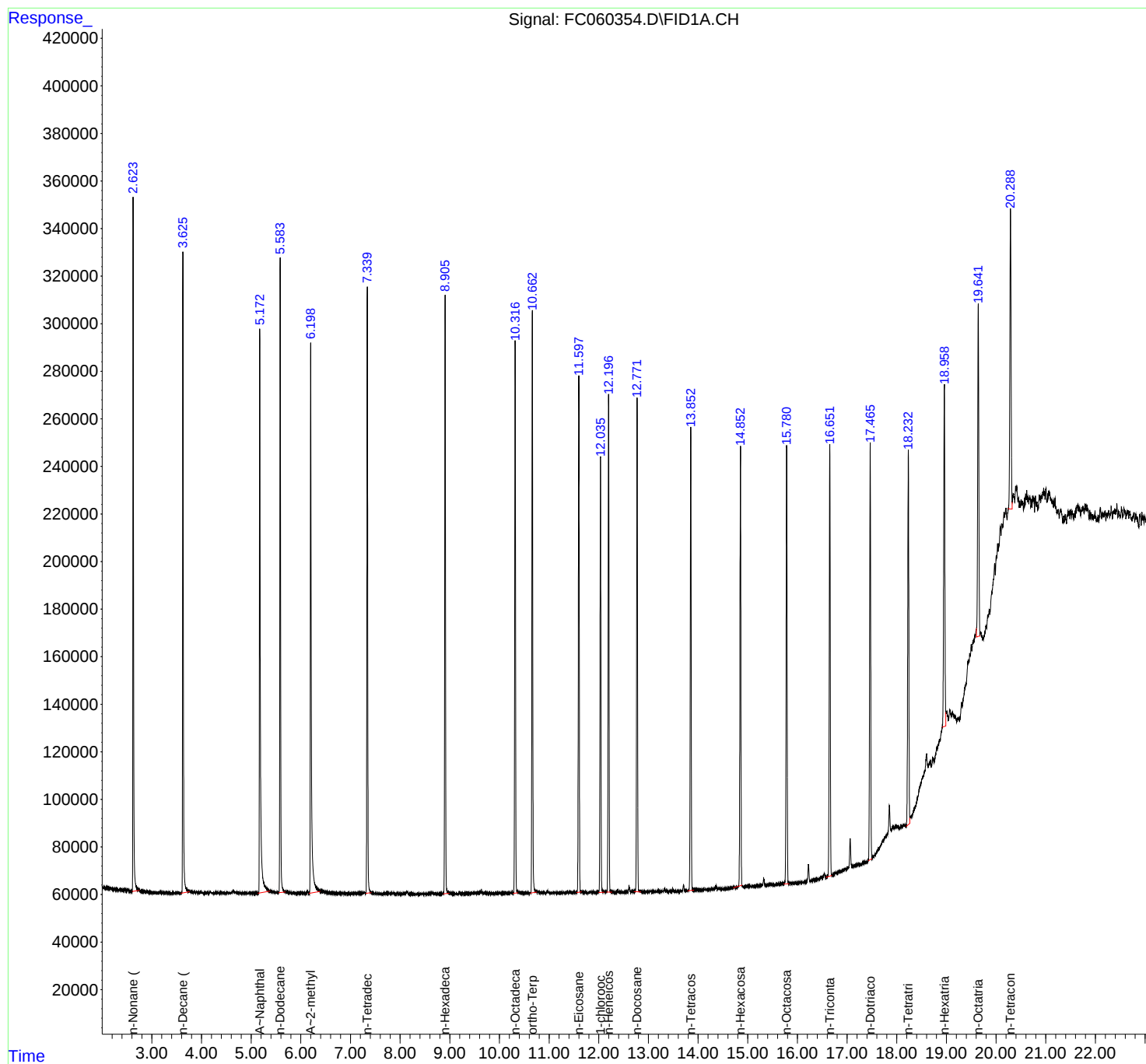
Instrument :
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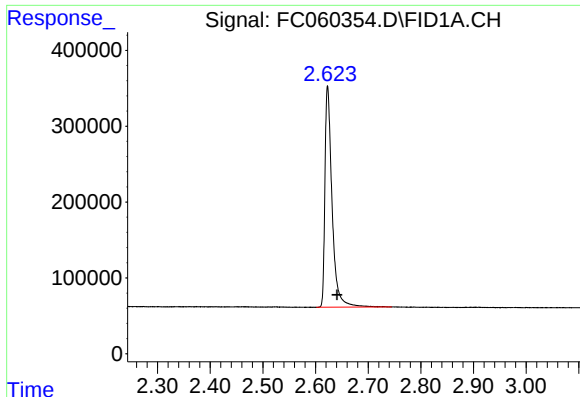
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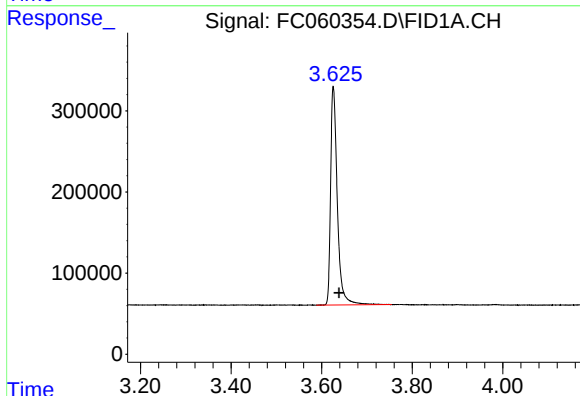
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: -0.017 min
Response: 2750105
Conc: 21.49 ug/ml

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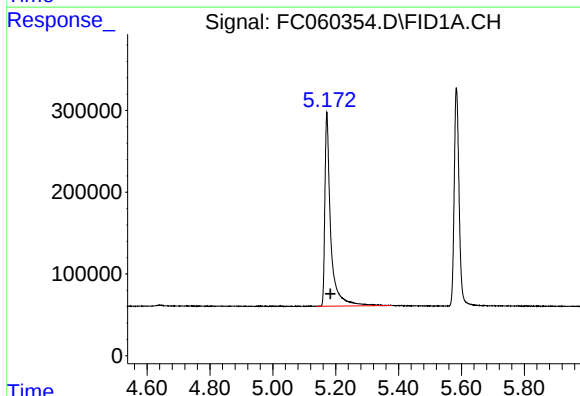
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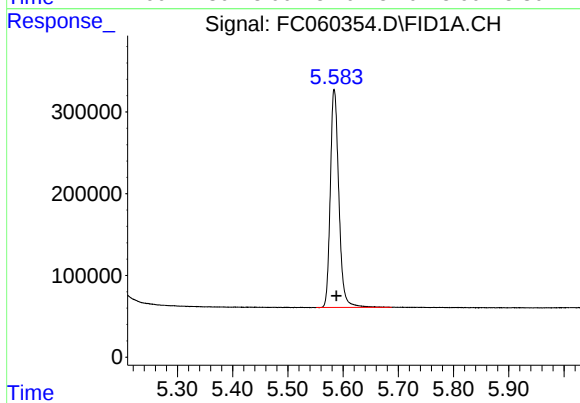
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.012 min
Response: 2775377
Conc: 21.69 ug/ml



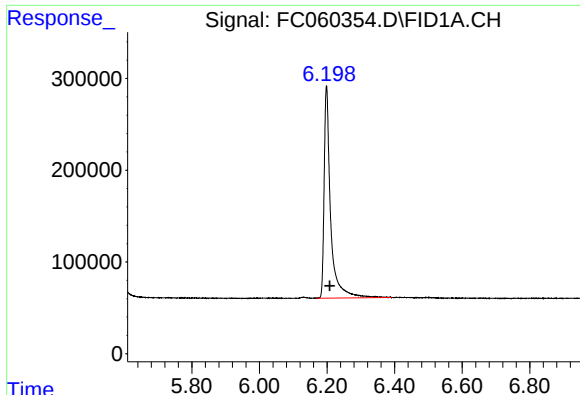
#3 A~Naphthalene (C11.7)

R.T.: 5.172 min
Delta R.T.: -0.011 min
Response: 3063209
Conc: 21.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 2870024
Conc: 21.53 ug/ml



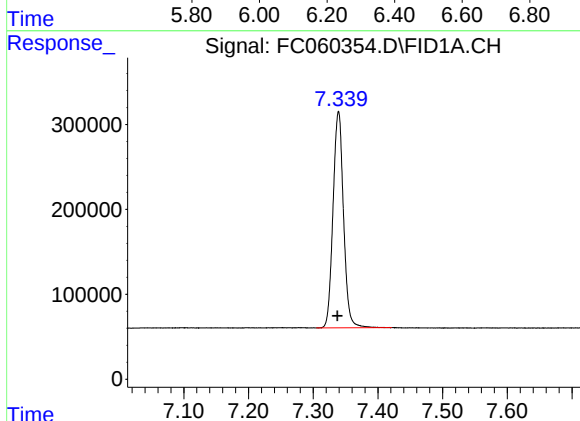
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.199 min
Delta R.T.: -0.010 min
Response: 3089072
Conc: 21.05 ug/ml

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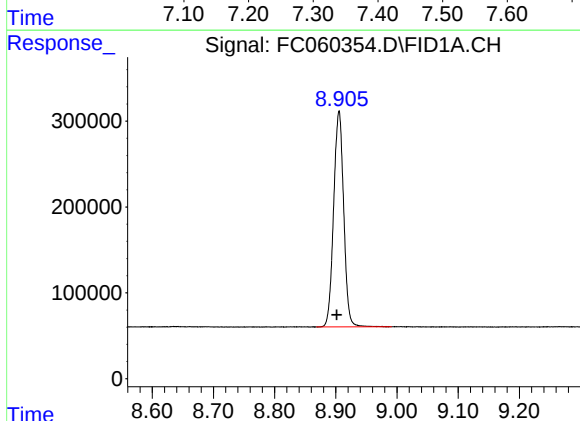
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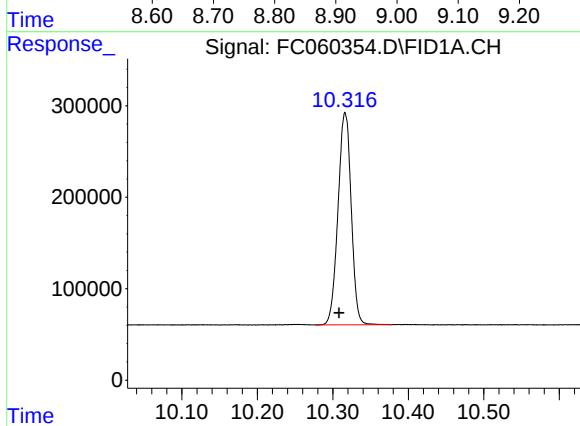
#6 n-Tetradecane (C14)

R.T.: 7.339 min
Delta R.T.: 0.001 min
Response: 2867788
Conc: 21.01 ug/ml



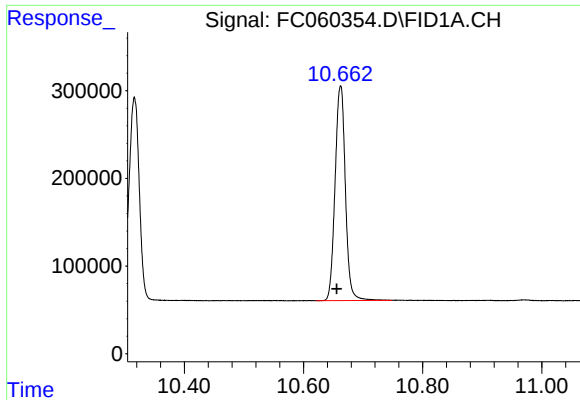
#7 n-Hexadecane (C16)

R.T.: 8.905 min
Delta R.T.: 0.004 min
Response: 2871480
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.316 min
Delta R.T.: 0.008 min
Response: 2821854
Conc: 19.72 ug/ml



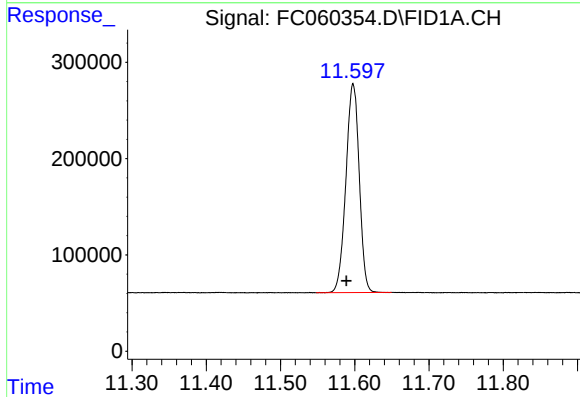
#9 ortho-Terphenyl (SURR)

R.T.: 10.662 min
Delta R.T.: 0.006 min
Response: 2938245
Conc: 18.88 ug/ml

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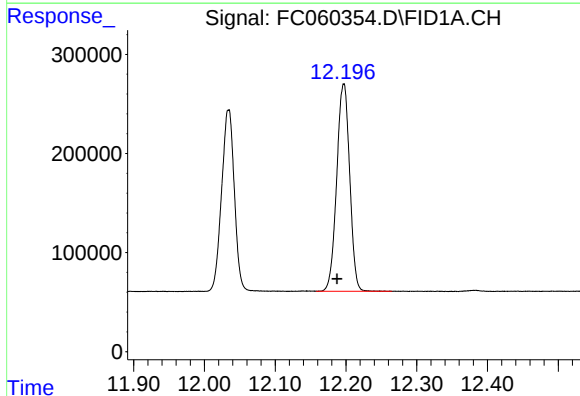
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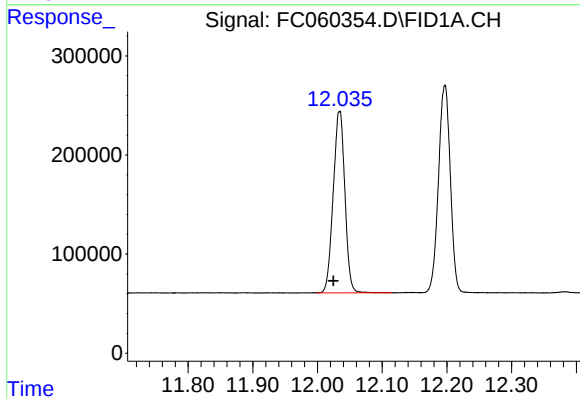
#10 n-Eicosane (C20)

R.T.: 11.598 min
Delta R.T.: 0.009 min
Response: 2704686
Conc: 18.96 ug/ml



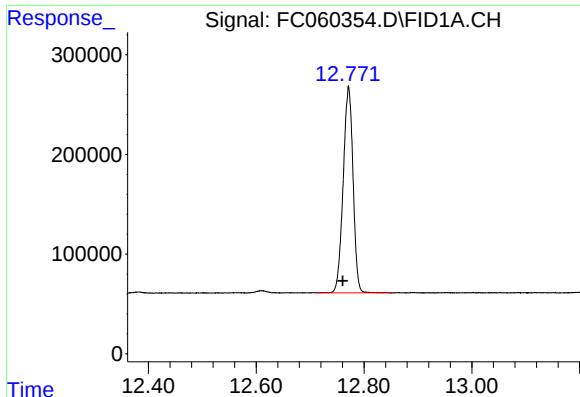
#11 n-Heneicosane (C21)

R.T.: 12.197 min
Delta R.T.: 0.009 min
Response: 2664777
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.034 min
Delta R.T.: 0.009 min
Response: 2296758
Conc: 18.52 ug/ml



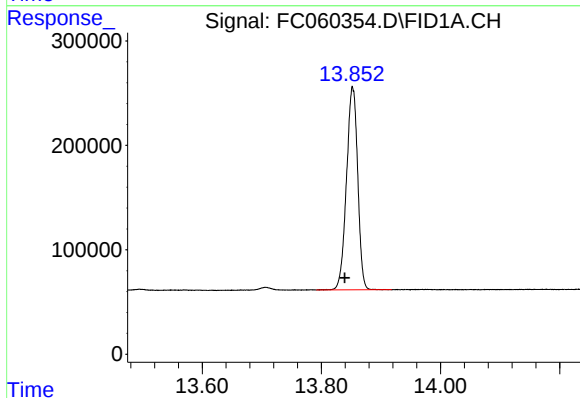
#13 n-Docosane (C22)

R.T.: 12.771 min
Delta R.T.: 0.011 min
Response: 2633331
Conc: 18.48 ug/ml

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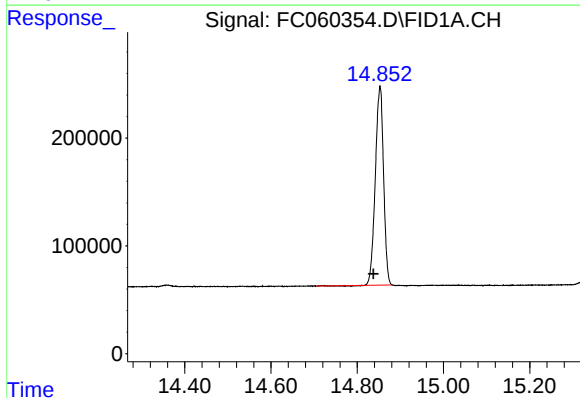
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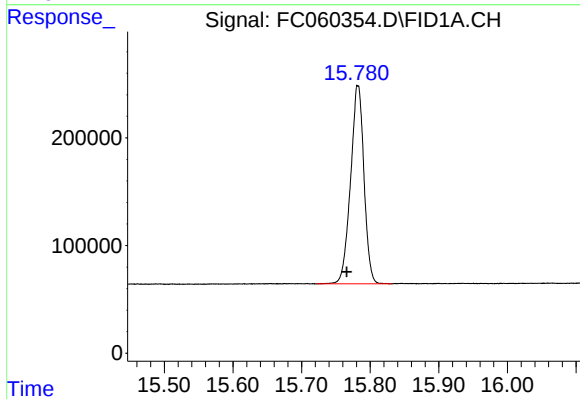
#14 n-Tetracosane (C24)

R.T.: 13.852 min
Delta R.T.: 0.013 min
Response: 2541044
Conc: 18.11 ug/ml



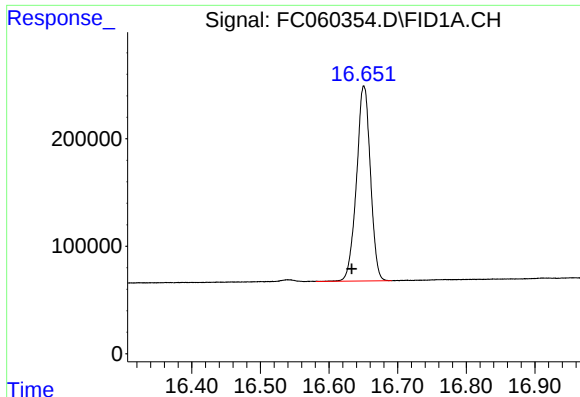
#15 n-Hexacosane (C26)

R.T.: 14.852 min
Delta R.T.: 0.015 min
Response: 2445995
Conc: 18.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.782 min
Delta R.T.: 0.016 min
Response: 2497059
Conc: 19.17 ug/ml



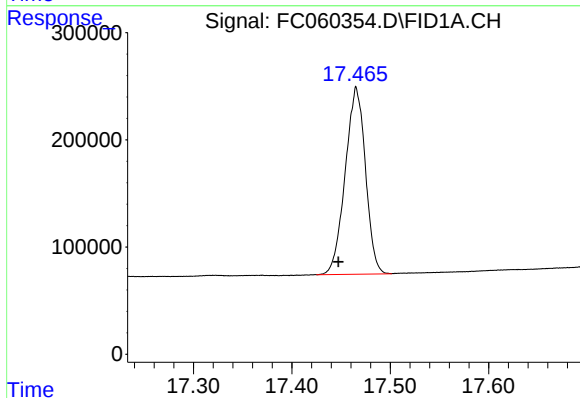
#17 n-Tricontane (C30)

R.T.: 16.651 min
Delta R.T.: 0.018 min
Response: 2558226
Conc: 20.90 ug/ml

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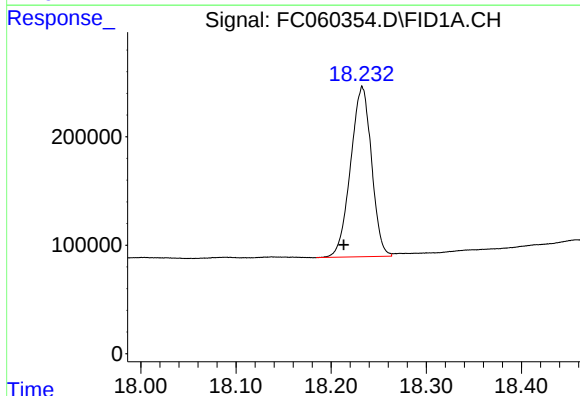
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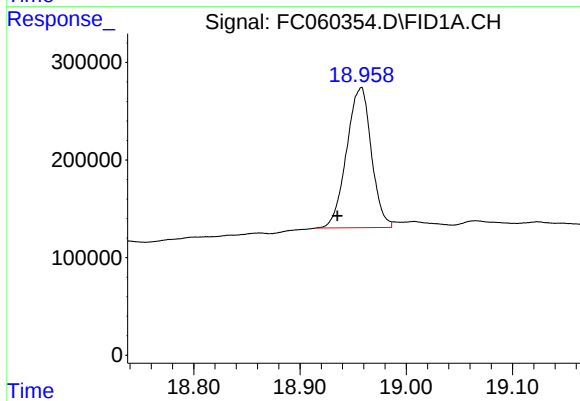
#18 n-Dotriacontane (C32)

R.T.: 17.465 min
Delta R.T.: 0.017 min
Response: 2496336
Conc: 22.39 ug/ml m



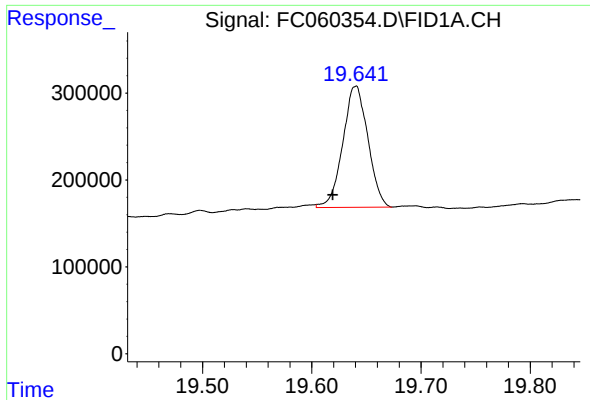
#19 n-Tetratriacontane (C34)

R.T.: 18.232 min
Delta R.T.: 0.019 min
Response: 2396390
Conc: 23.50 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.958 min
Delta R.T.: 0.023 min
Response: 2324812
Conc: 24.55 ug/ml m



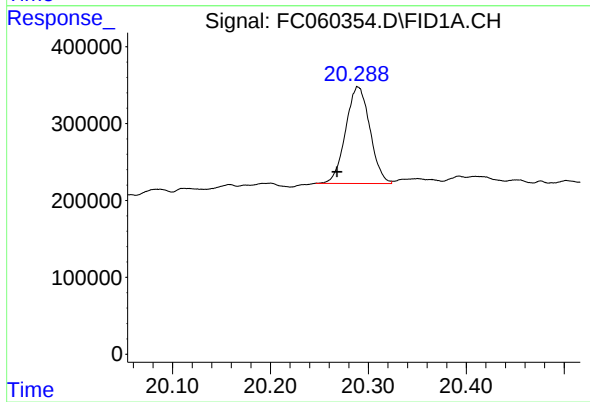
#21 n-Octatriacontane (C38)

R.T.: 19.641 min
Delta R.T.: 0.022 min
Response: 2224498
Conc: 24.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.288 min
Delta R.T.: 0.020 min
Response: 2161966
Conc: 22.98 ug/ml m