

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061322AL\
 Data File : FC060223.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jun 2022 18:02
 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 06/14/2022
 Supervised By :Ankita Jodhani 06/14/2022

Integration File: autoint1.e
 Quant Time: Jun 14 01:50:44 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)	10.647	2533838	16.282 ug/ml
Spiked Amount 50.000		Recovery =	32.56%
12) S 1-chlorooctadecane (S...	12.016	2035211	16.414 ug/ml
Spiked Amount 50.000		Recovery =	32.83%
Target Compounds			
1) T n-Nonane (C9)	2.626	2021112	15.792 ug/ml
2) T n-Decane (C10)	3.624	2115812	16.539 ug/ml
3) T A~Naphthalene (C11.7)	5.163	2377326	16.448 ug/ml
4) T n-Dodecane (C12)	5.577	2226640	16.703 ug/ml
5) T A~2-methylnaphthalene...	6.188	2430506	16.560 ug/ml
6) T n-Tetradecane (C14)	7.328	2305380	16.887 ug/ml
7) T n-Hexadecane (C16)	8.892	2376308	16.936 ug/ml
8) T n-Octadecane (C18)	10.301	2413970	16.868 ug/ml
10) T n-Eicosane (C20)	11.580	2388471	16.741 ug/ml
11) T n-Heneicosane (C21)	12.179	2371448	16.544 ug/ml
13) T n-Docosane (C22)	12.750	2426520	17.028 ug/mlm
14) T n-Tetracosane (C24)	13.829	2406535	17.149 ug/ml
15) T n-Hexacosane (C26)	14.827	2326444	17.180 ug/ml
16) T n-Octacosane (C28)	15.755	2347279	18.023 ug/mlm
17) T n-Tricontane (C30)	16.623	2421509	19.779 ug/ml
18) T n-Dotriacontane (C32)	17.436	2309328	20.712 ug/ml
19) T n-Tetratriacontane (C34)	18.201	2036641	19.968 ug/ml
20) T n-Hexatriacontane (C36)	18.923	1817116	19.188 ug/ml
21) T n-Octatriacontane (C38)	19.607	1700929	18.436 ug/ml
22) T n-Tetracontane (C40)	20.254	1699608	18.064 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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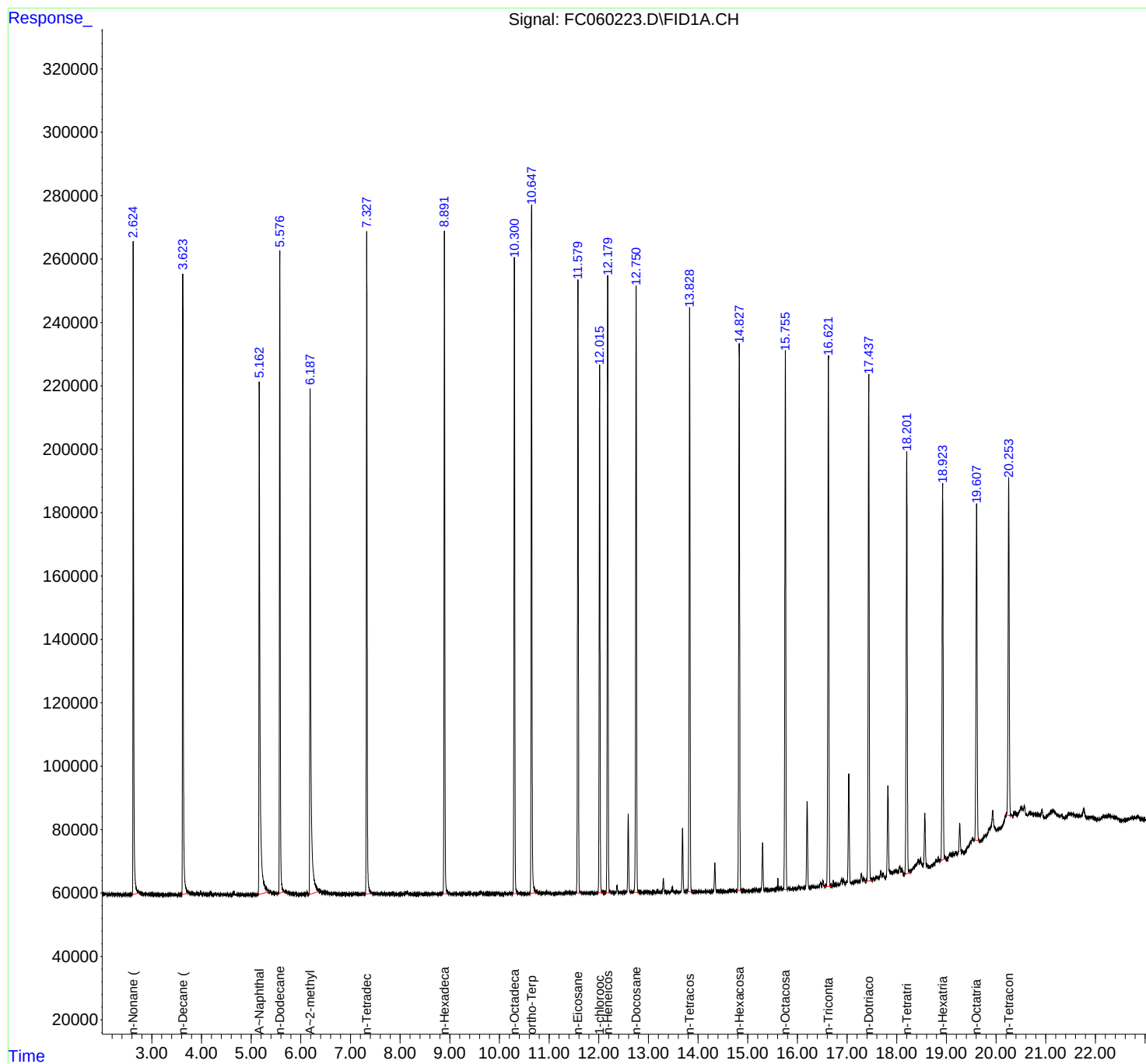
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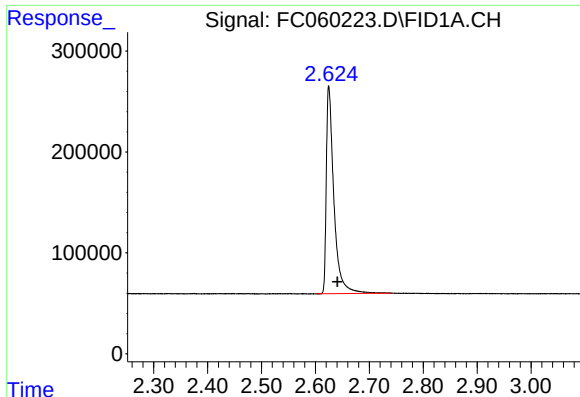
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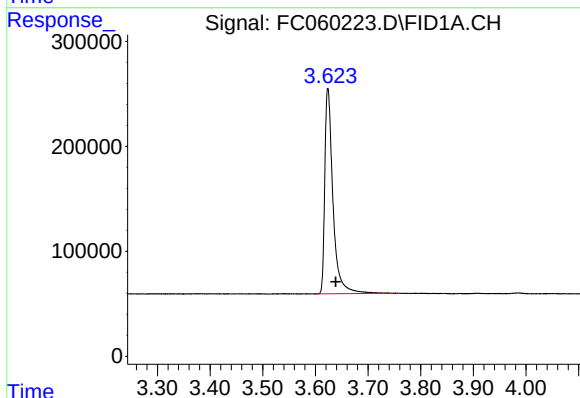
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.015 min
Response: 2021112
Conc: 15.79 ug/ml

Instrument :
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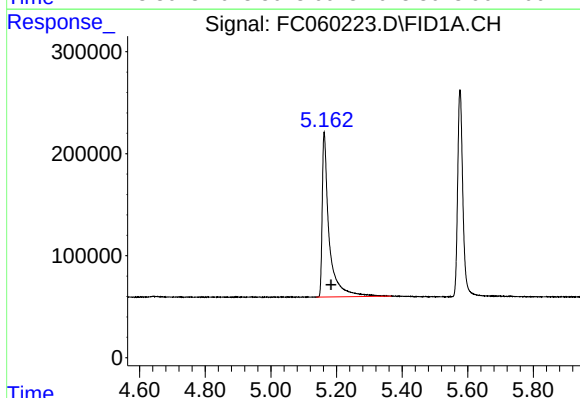
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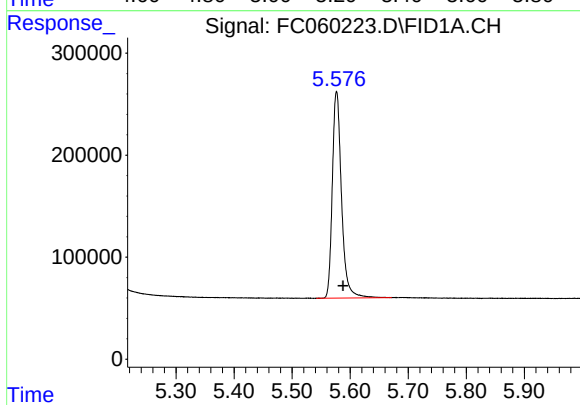
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 2115812
Conc: 16.54 ug/ml



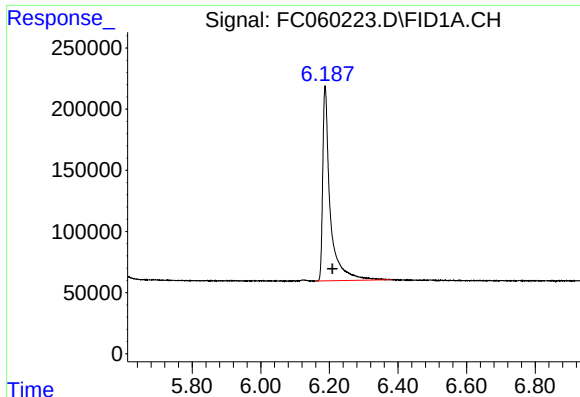
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.021 min
Response: 2377326
Conc: 16.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 2226640
Conc: 16.70 ug/ml



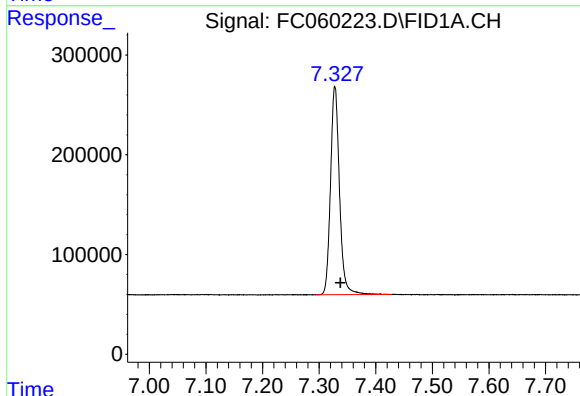
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.020 min
Response: 2430506
Conc: 16.56 ug/ml

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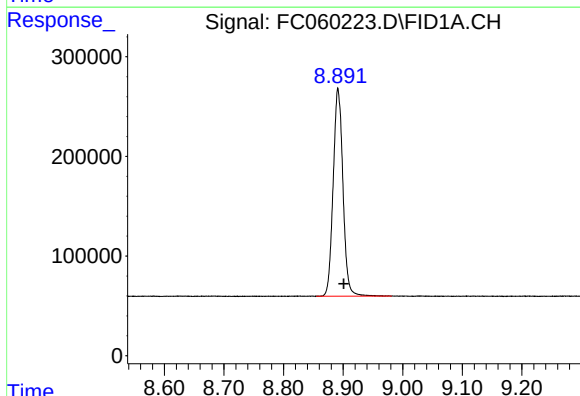
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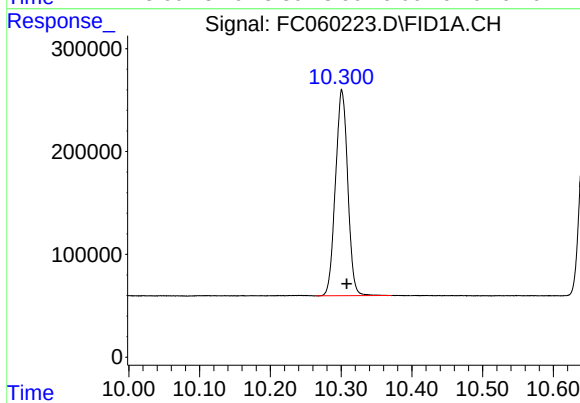
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.010 min
Response: 2305380
Conc: 16.89 ug/ml



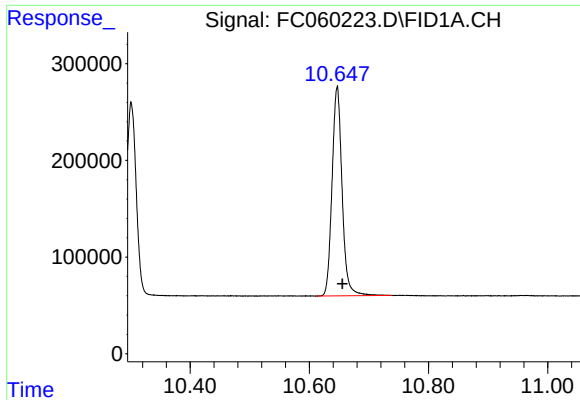
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 2376308
Conc: 16.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2413970
Conc: 16.87 ug/ml



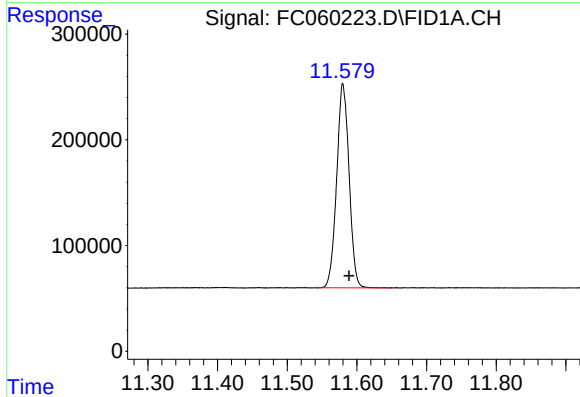
#9 ortho-Terphenyl (SURR)

R.T.: 10.647 min
Delta R.T.: -0.009 min
Response: 2533838
Conc: 16.28 ug/ml

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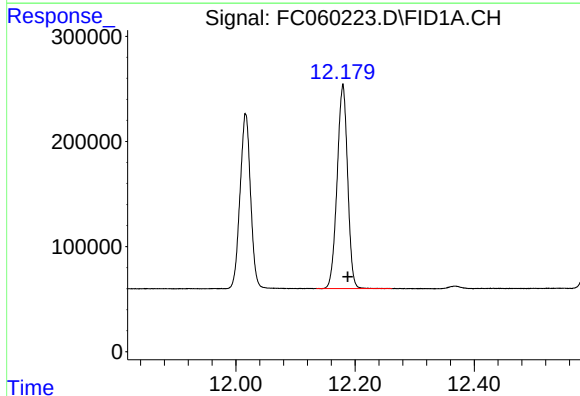
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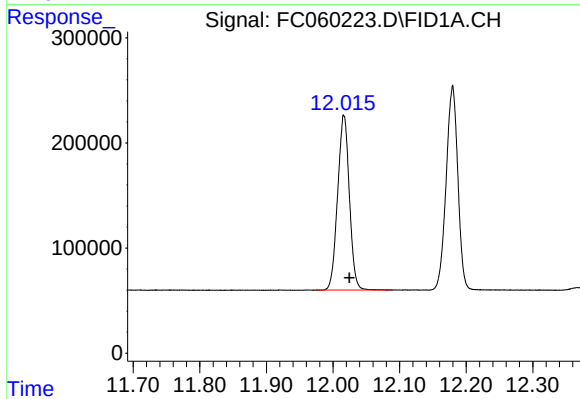
#10 n-Eicosane (C20)

R.T.: 11.580 min
Delta R.T.: -0.008 min
Response: 2388471
Conc: 16.74 ug/ml



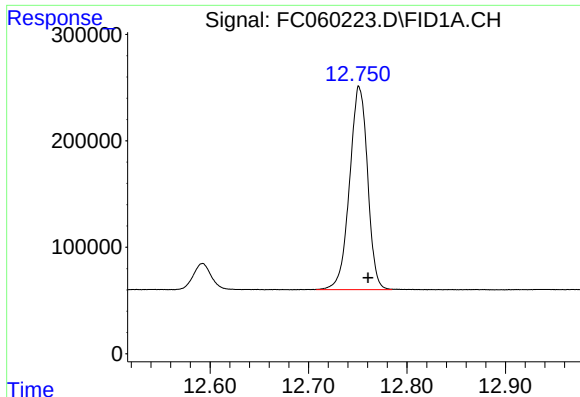
#11 n-Heneicosane (C21)

R.T.: 12.179 min
Delta R.T.: -0.009 min
Response: 2371448
Conc: 16.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.009 min
Response: 2035211
Conc: 16.41 ug/ml



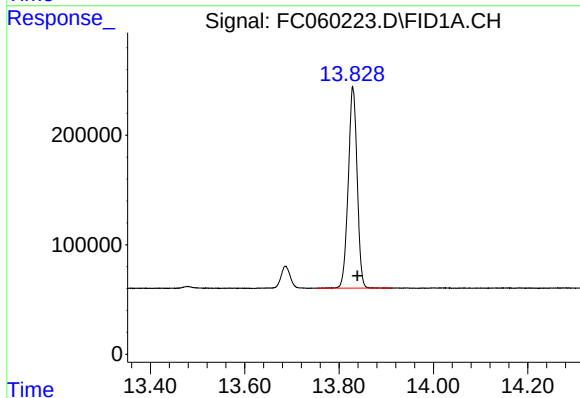
#13 n-Docosane (C22)

R.T.: 12.750 min
Delta R.T.: -0.010 min
Response: 2426520
Conc: 17.03 ug/ml

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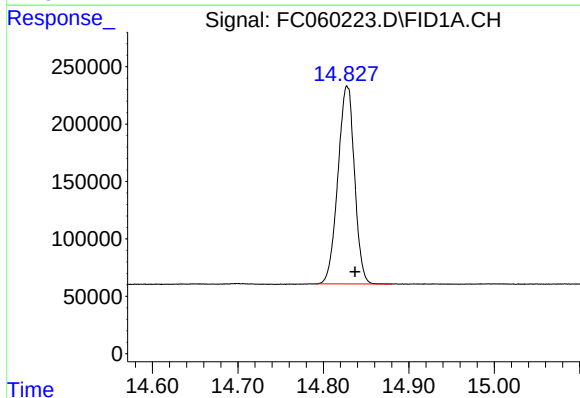
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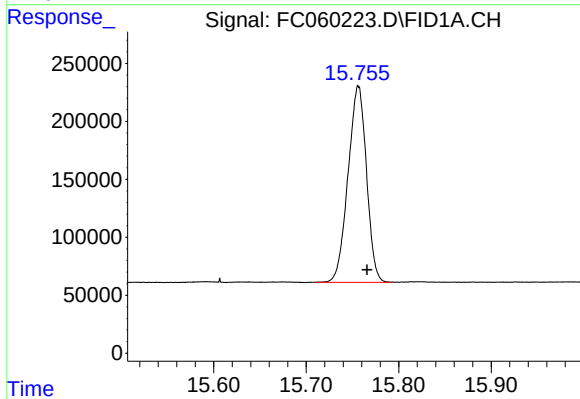
#14 n-Tetracosane (C24)

R.T.: 13.829 min
Delta R.T.: -0.010 min
Response: 2406535
Conc: 17.15 ug/ml



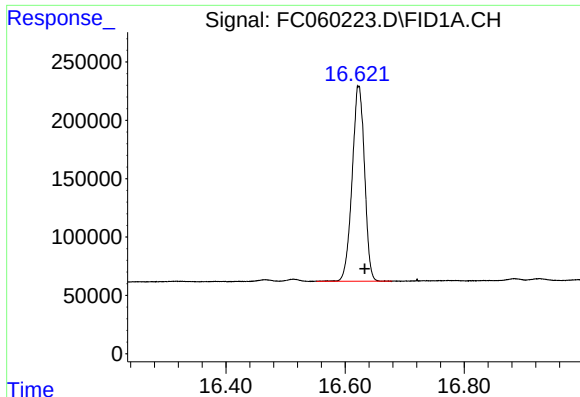
#15 n-Hexacosane (C26)

R.T.: 14.827 min
Delta R.T.: -0.010 min
Response: 2326444
Conc: 17.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.755 min
Delta R.T.: -0.010 min
Response: 2347279
Conc: 18.02 ug/ml m



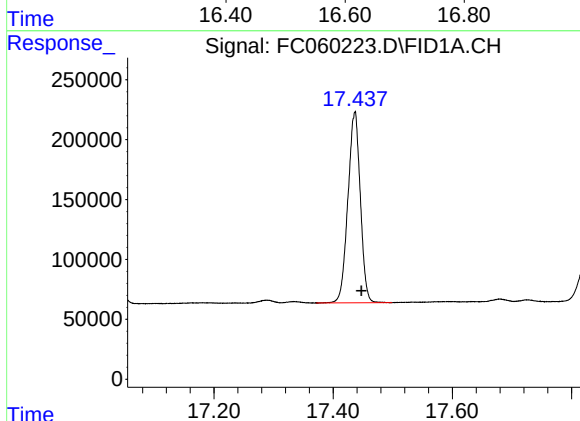
#17 n-Tricontane (C30)

R.T.: 16.623 min
Delta R.T.: -0.010 min
Response: 2421509
Conc: 19.78 ug/ml

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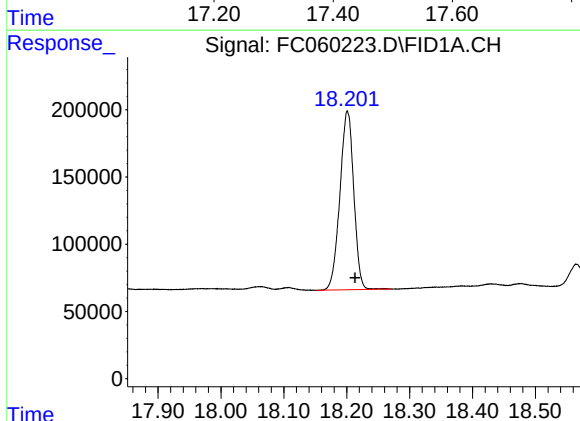
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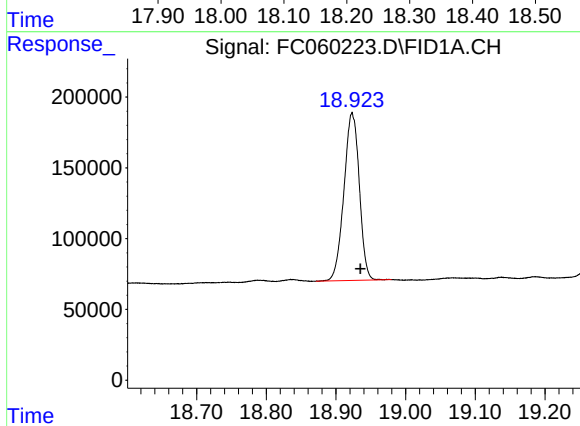
#18 n-Dotriacontane (C32)

R.T.: 17.436 min
Delta R.T.: -0.012 min
Response: 2309328
Conc: 20.71 ug/ml



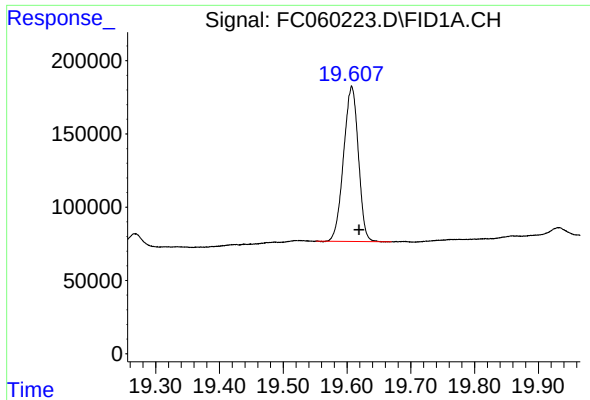
#19 n-Tetratriacontane (C34)

R.T.: 18.201 min
Delta R.T.: -0.012 min
Response: 2036641
Conc: 19.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.923 min
Delta R.T.: -0.012 min
Response: 1817116
Conc: 19.19 ug/ml



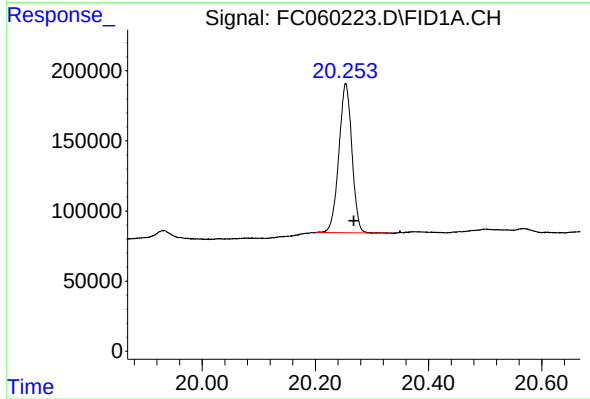
#21 n-Octatriacontane (C38)

R.T.: 19.607 min
Delta R.T.: -0.012 min
Response: 1700929
Conc: 18.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.254 min
Delta R.T.: -0.014 min
Response: 1699608
Conc: 18.06 ug/ml