

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060192.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 15:45
 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 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:05:41 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	2765771	17.772 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	12.016	2229052	17.978 ug/ml
Spiked Amount 50.000		Recovery =	35.96%
Target Compounds			
1) T n-Nonane (C9)	2.631	2280844	17.821 ug/ml
2) T n-Decane (C10)	3.628	2317431	18.115 ug/ml
3) T A~Naphthalene (C11.7)	5.169	2594824	17.952 ug/ml
4) T n-Dodecane (C12)	5.579	2436920	18.281 ug/ml
5) T A~2-methylnaphthalene...	6.194	2644072	18.015 ug/ml
6) T n-Tetradecane (C14)	7.330	2479169	18.161 ug/ml
7) T n-Hexadecane (C16)	8.892	2564204	18.276 ug/ml
8) T n-Octadecane (C18)	10.301	2617493	18.290 ug/ml
10) T n-Eicosane (C20)	11.579	2606046	18.266 ug/ml
11) T n-Heneicosane (C21)	12.178	2596236	18.113 ug/ml
13) T n-Docosane (C22)	12.751	2636558	18.502 ug/mlm
14) T n-Tetracosane (C24)	13.828	2632379	18.758 ug/ml
15) T n-Hexacosane (C26)	14.826	2532911	18.705 ug/ml
16) T n-Octacosane (C28)	15.754	2531302	19.436 ug/ml
17) T n-Tricontane (C30)	16.621	2547980	20.812 ug/ml
18) T n-Dotriacontane (C32)	17.433	2425224	21.752 ug/ml
19) T n-Tetratriacontane (C34)	18.197	2156368	21.142 ug/ml
20) T n-Hexatriacontane (C36)	18.918	1927673	20.356 ug/ml
21) T n-Octatriacontane (C38)	19.600	1828400	19.817 ug/ml
22) T n-Tetracontane (C40)	20.249	1825654	19.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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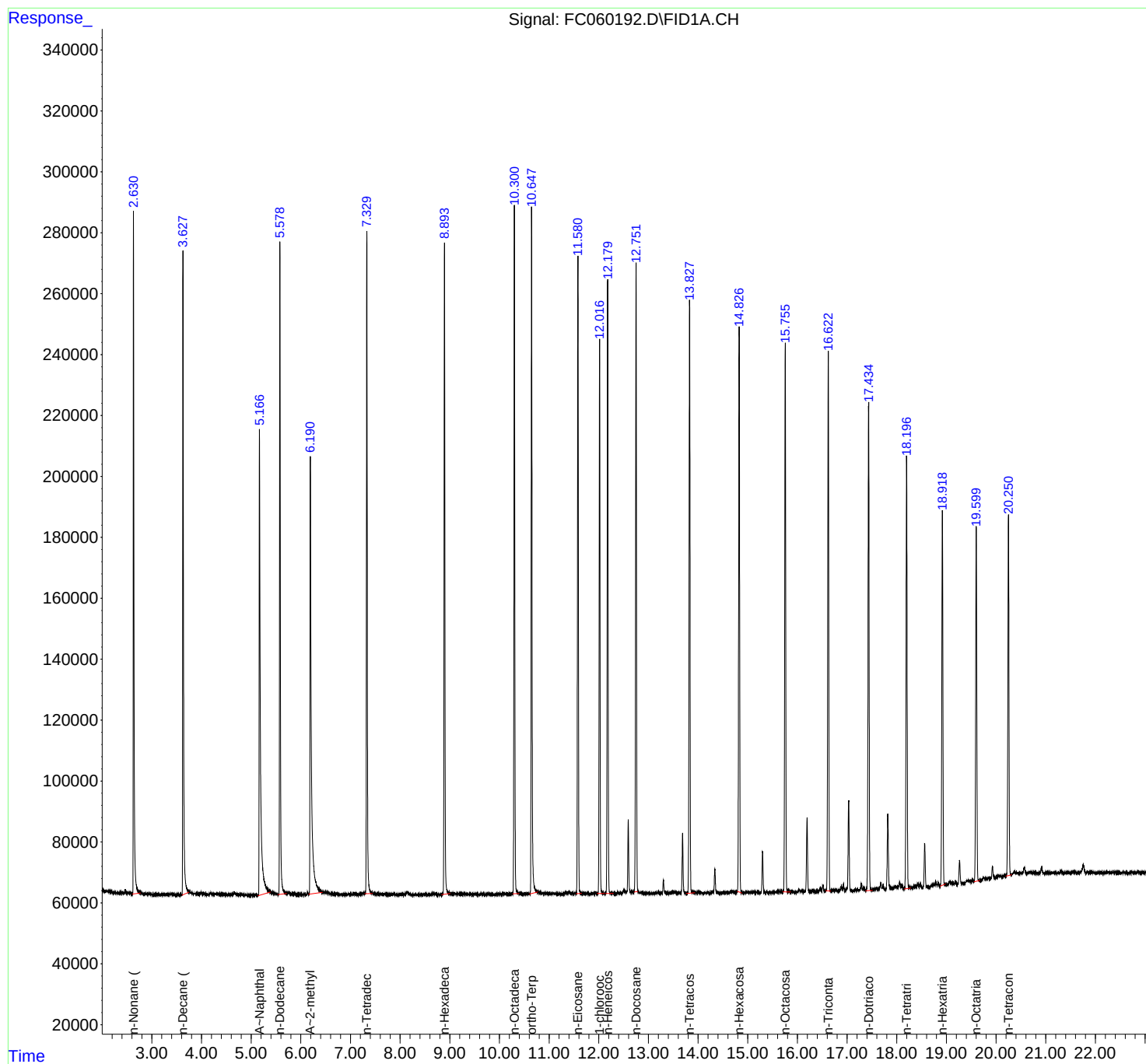
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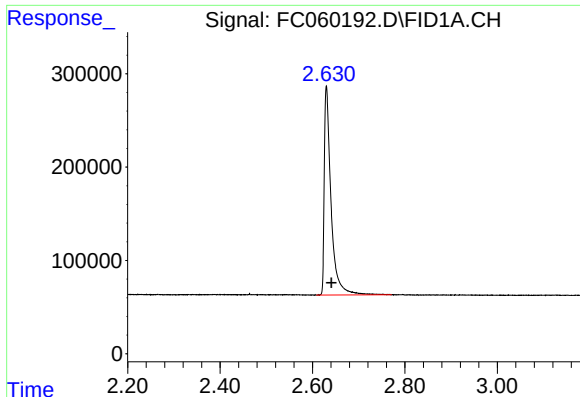
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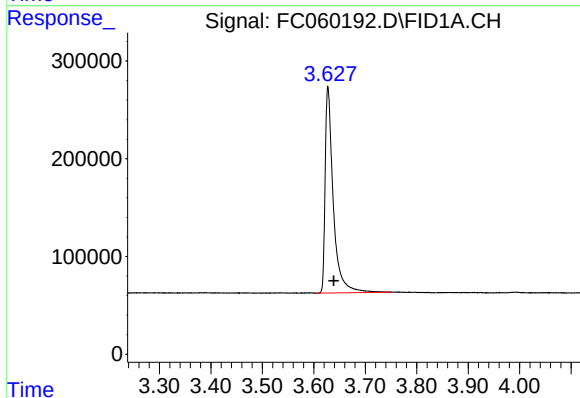
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.010 min
Response: 2280844
Conc: 17.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

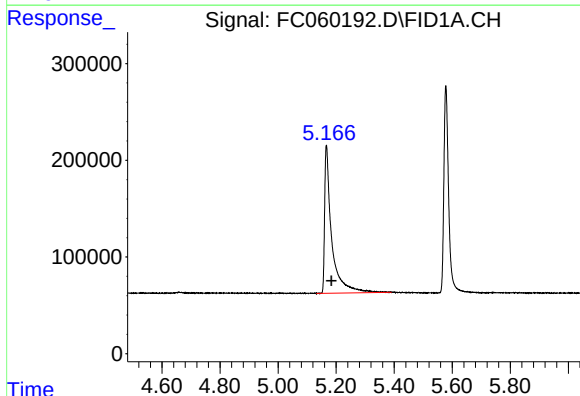
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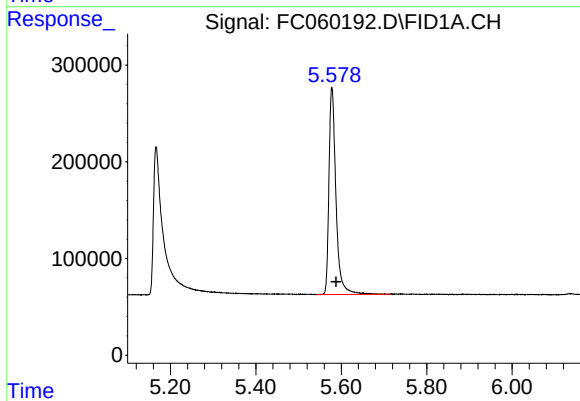
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.010 min
Response: 2317431
Conc: 18.11 ug/ml



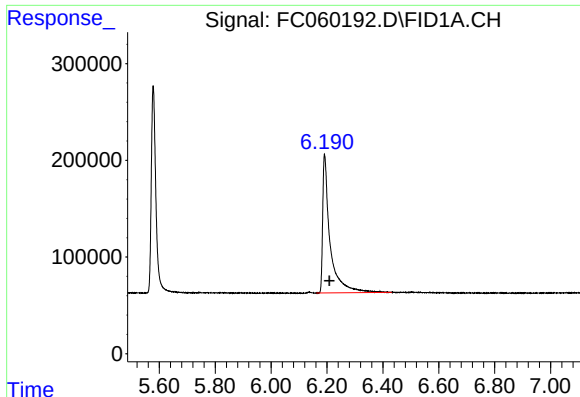
#3 A~Naphthalene (C11.7)

R.T.: 5.169 min
Delta R.T.: -0.015 min
Response: 2594824
Conc: 17.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 2436920
Conc: 18.28 ug/ml



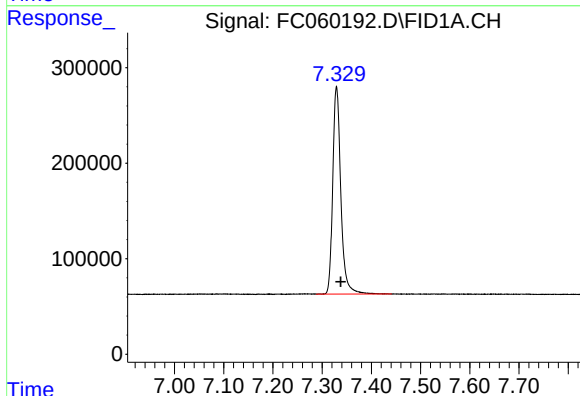
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.194 min
Delta R.T.: -0.015 min
Response: 2644072
Conc: 18.02 ug/ml

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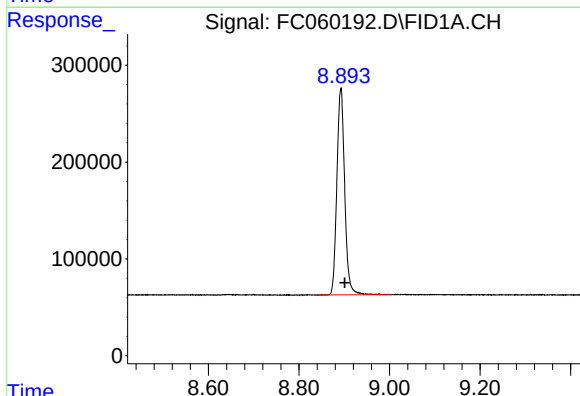
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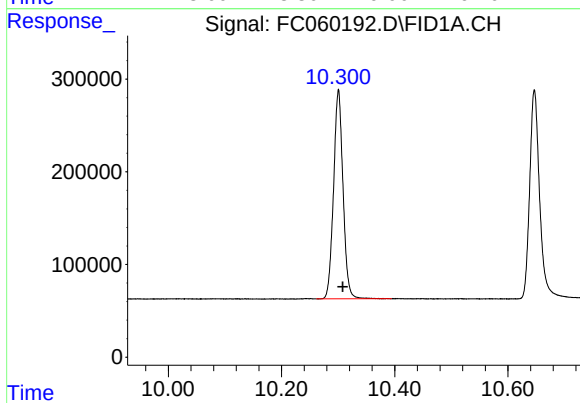
#6 n-Tetradecane (C14)

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 2479169
Conc: 18.16 ug/ml



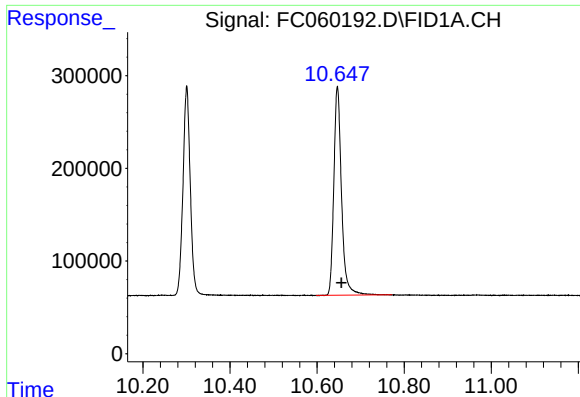
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 2564204
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2617493
Conc: 18.29 ug/ml



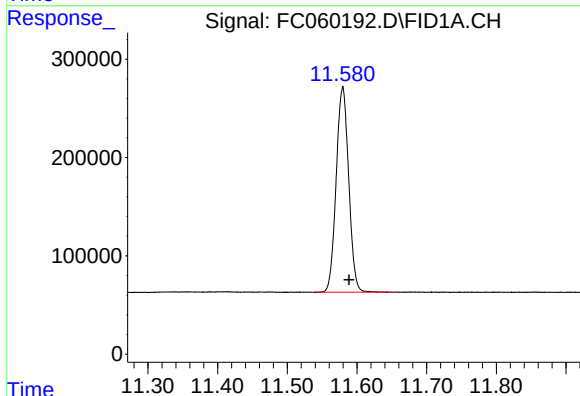
#9 ortho-Terphenyl (SURR)

R.T.: 10.647 min
Delta R.T.: -0.009 min
Response: 2765771
Conc: 17.77 ug/ml

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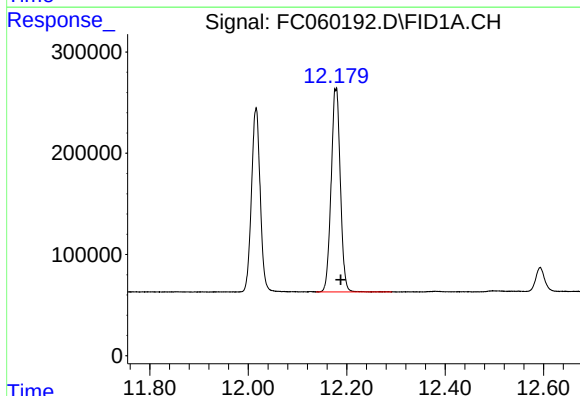
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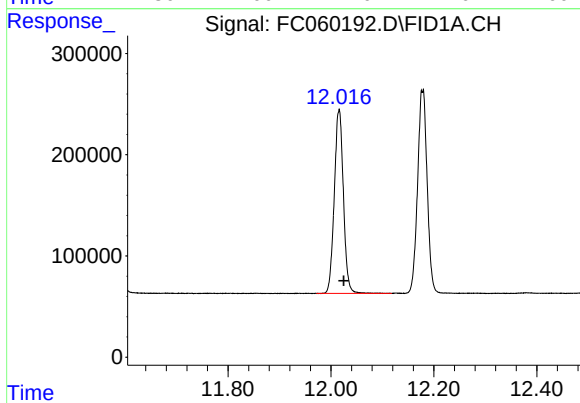
#10 n-Eicosane (C20)

R.T.: 11.579 min
Delta R.T.: -0.009 min
Response: 2606046
Conc: 18.27 ug/ml



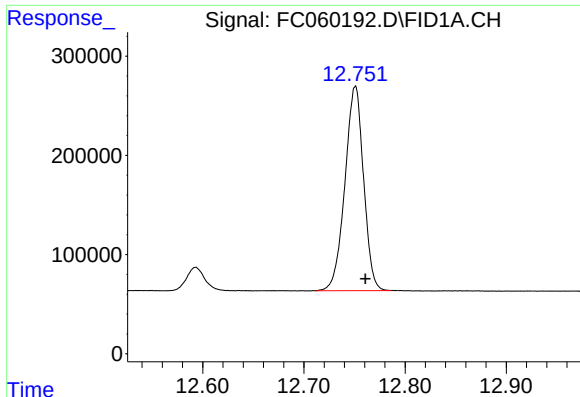
#11 n-Heneicosane (C21)

R.T.: 12.178 min
Delta R.T.: -0.010 min
Response: 2596236
Conc: 18.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.009 min
Response: 2229052
Conc: 17.98 ug/ml



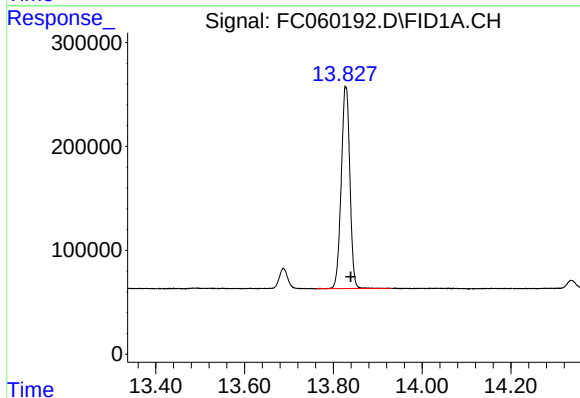
#13 n-Docosane (C22)

R.T.: 12.751 min
Delta R.T.: -0.010 min
Response: 2636558
Conc: 18.50 ug/ml

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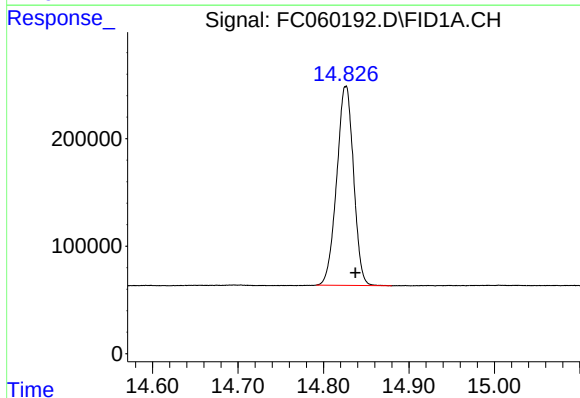
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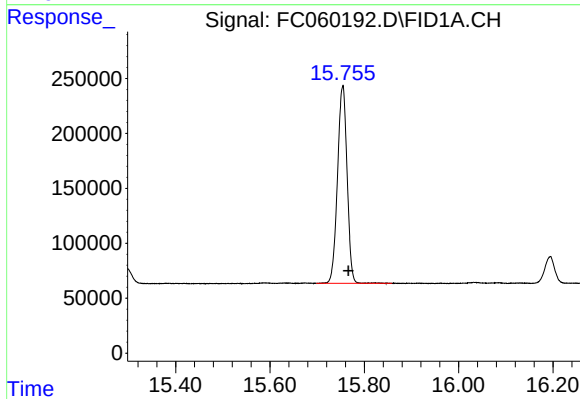
#14 n-Tetracosane (C24)

R.T.: 13.828 min
Delta R.T.: -0.011 min
Response: 2632379
Conc: 18.76 ug/ml



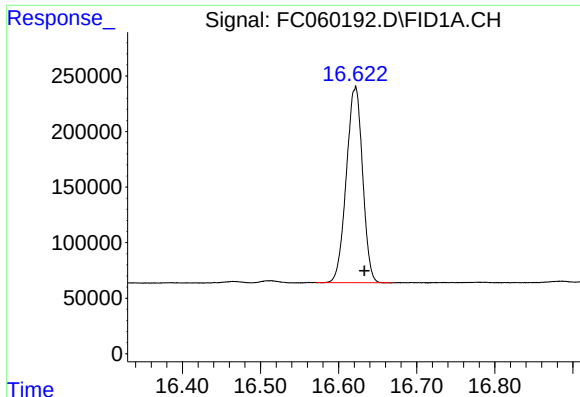
#15 n-Hexacosane (C26)

R.T.: 14.826 min
Delta R.T.: -0.011 min
Response: 2532911
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.754 min
Delta R.T.: -0.012 min
Response: 2531302
Conc: 19.44 ug/ml



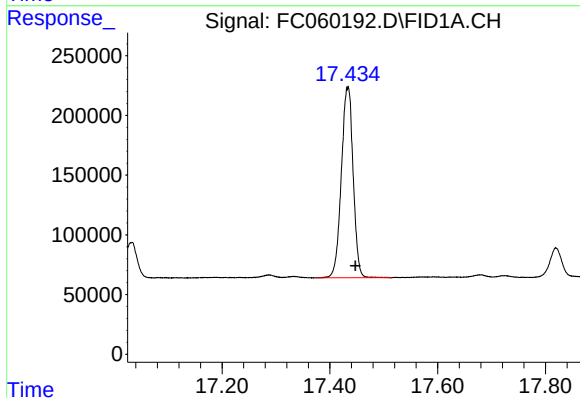
#17 n-Tricontane (C30)

R.T.: 16.621 min
Delta R.T.: -0.012 min
Response: 2547980
Conc: 20.81 ug/ml

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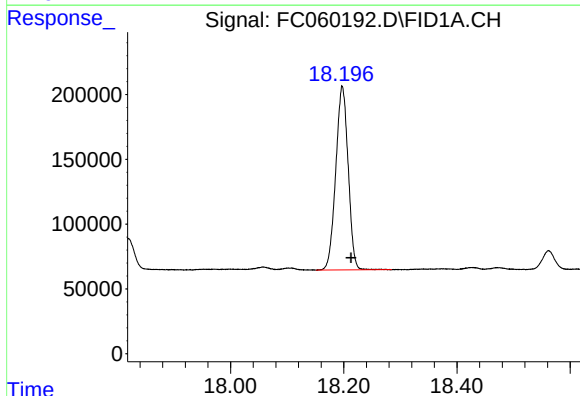
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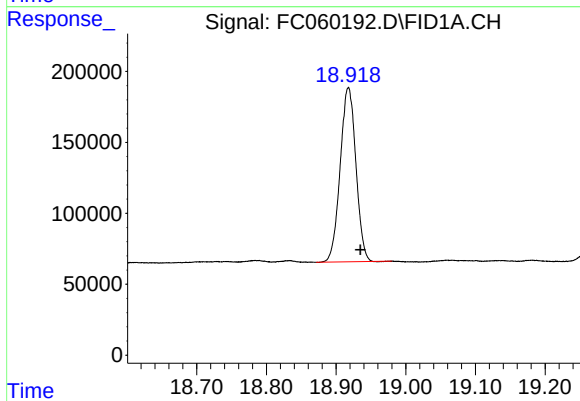
#18 n-Dotriacontane (C32)

R.T.: 17.433 min
Delta R.T.: -0.015 min
Response: 2425224
Conc: 21.75 ug/ml



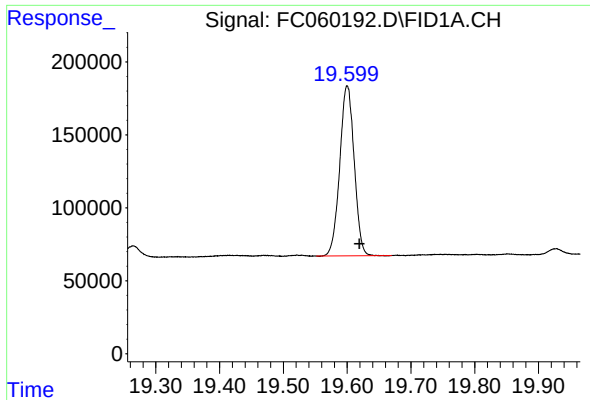
#19 n-Tetratriacontane (C34)

R.T.: 18.197 min
Delta R.T.: -0.016 min
Response: 2156368
Conc: 21.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.918 min
Delta R.T.: -0.017 min
Response: 1927673
Conc: 20.36 ug/ml



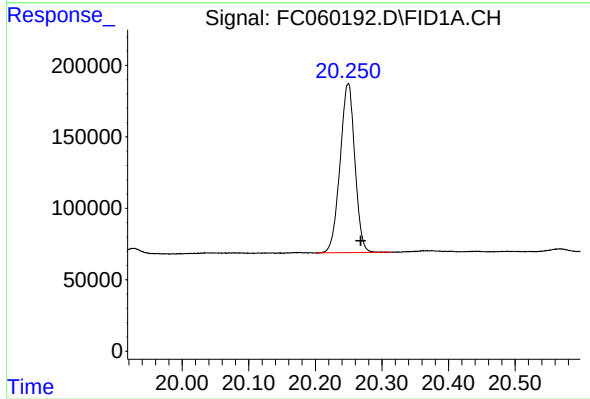
#21 n-Octatriacontane (C38)

R.T.: 19.600 min
Delta R.T.: -0.019 min
Response: 1828400
Conc: 19.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.249 min
Delta R.T.: -0.019 min
Response: 1825654
Conc: 19.40 ug/ml