

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060822AL\
 Data File : FC060168.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jun 2022 20:59
 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 06/09/2022
 Supervised By :Ankita Jodhani 06/09/2022

Integration File: autoint1.e
 Quant Time: Jun 09 02:03:49 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	2988205	19.202 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	12.016	2409702	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	2.629	2464818	19.258 ug/ml
2) T n-Decane (C10)	3.626	2517528	19.679 ug/ml
3) T A~Naphthalene (C11.7)	5.165	2845272	19.685 ug/ml
4) T n-Dodecane (C12)	5.578	2643866	19.833 ug/ml
5) T A~2-methylnaphthalene...	6.189	2864206	19.515 ug/ml
6) T n-Tetradecane (C14)	7.328	2711133	19.860 ug/ml
7) T n-Hexadecane (C16)	8.892	2788258	19.872 ug/ml
8) T n-Octadecane (C18)	10.300	2837155	19.825 ug/ml
10) T n-Eicosane (C20)	11.580	2817567	19.749 ug/ml
11) T n-Heneicosane (C21)	12.178	2798009	19.520 ug/ml
13) T n-Docosane (C22)	12.750	2847388	19.982 ug/mlm
14) T n-Tetracosane (C24)	13.829	2809819	20.023 ug/mlm
15) T n-Hexacosane (C26)	14.827	2731601	20.172 ug/ml
16) T n-Octacosane (C28)	15.755	2725612	20.928 ug/ml
17) T n-Tricontane (C30)	16.620	2730148	22.300 ug/ml
18) T n-Dotriacontane (C32)	17.433	2545589	22.831 ug/ml
19) T n-Tetratriacontane (C34)	18.199	2267635	22.233 ug/ml
20) T n-Hexatriacontane (C36)	18.919	2050362	21.651 ug/mlm
21) T n-Octatriacontane (C38)	19.604	1944981	21.081 ug/mlm
22) T n-Tetracontane (C40)	20.250	1950282	20.729 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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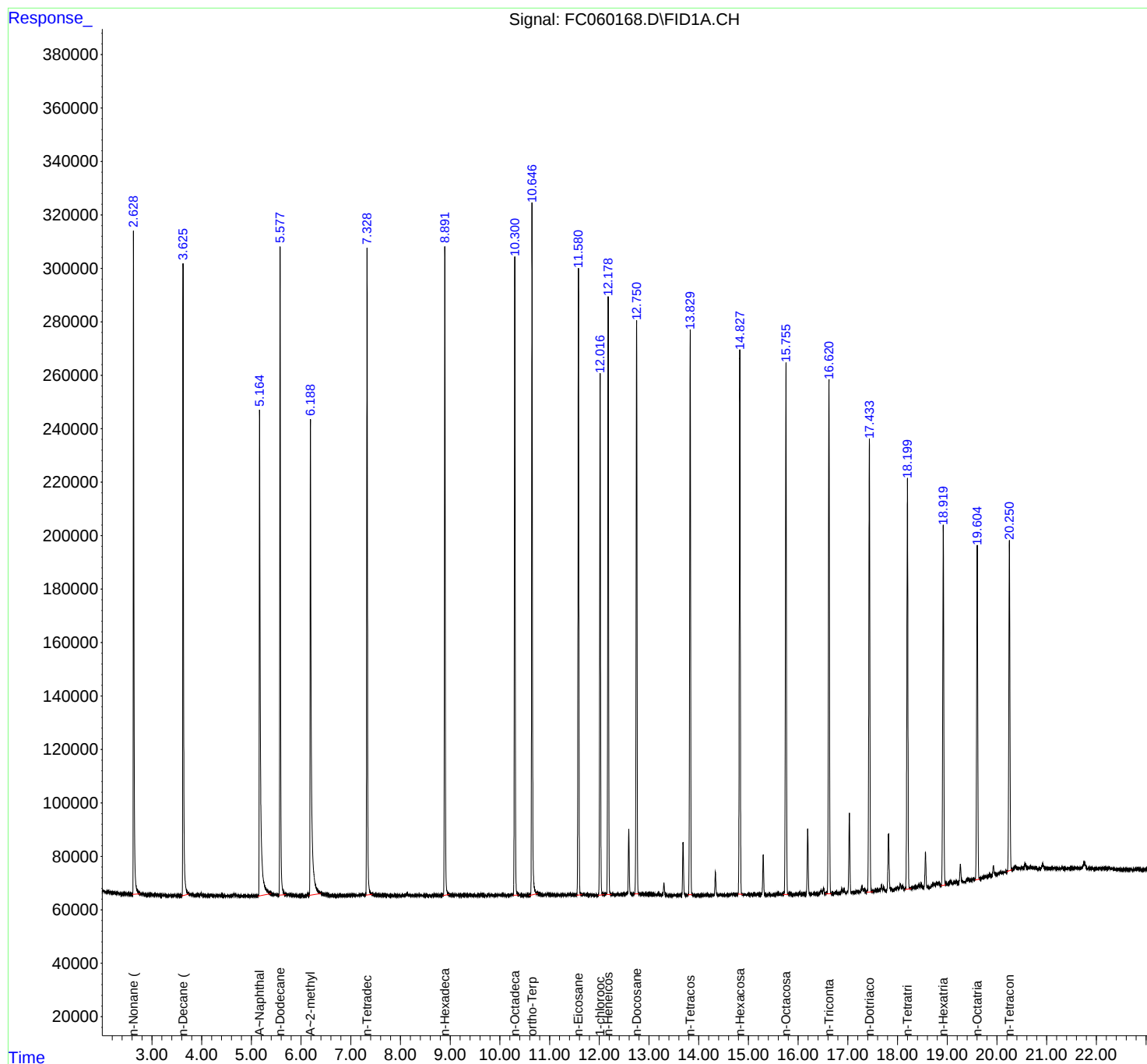
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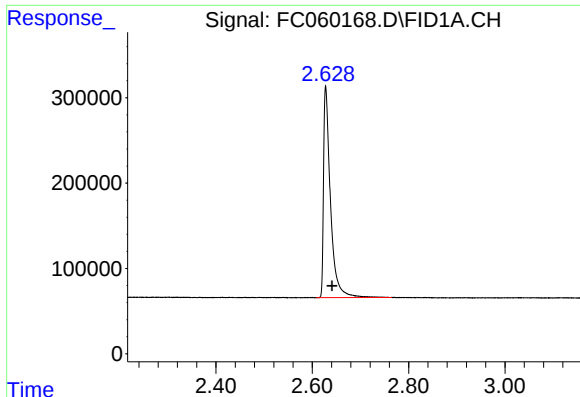
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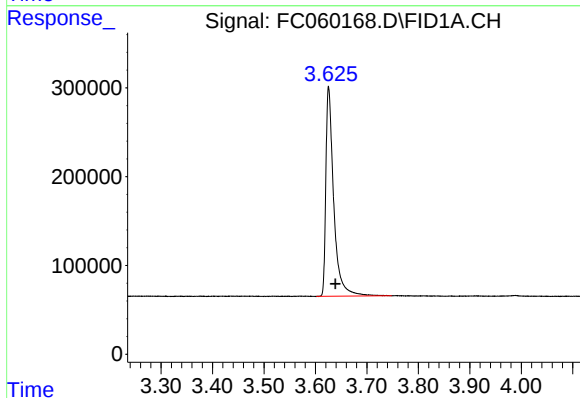
#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.012 min
Response: 2464818
Conc: 19.26 ug/ml

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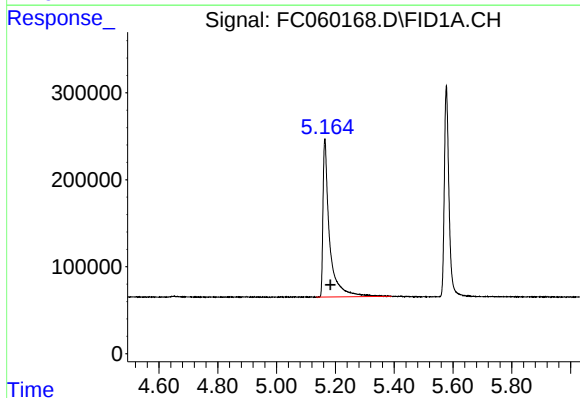
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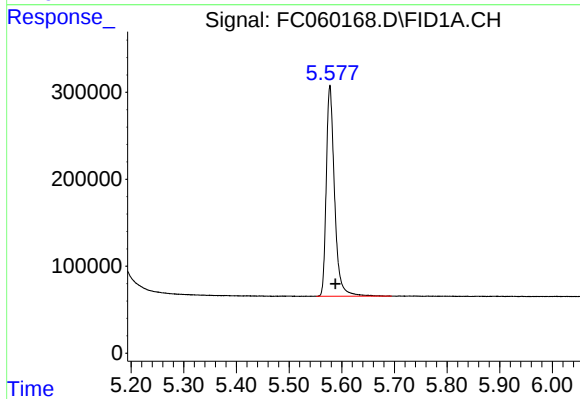
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.012 min
Response: 2517528
Conc: 19.68 ug/ml



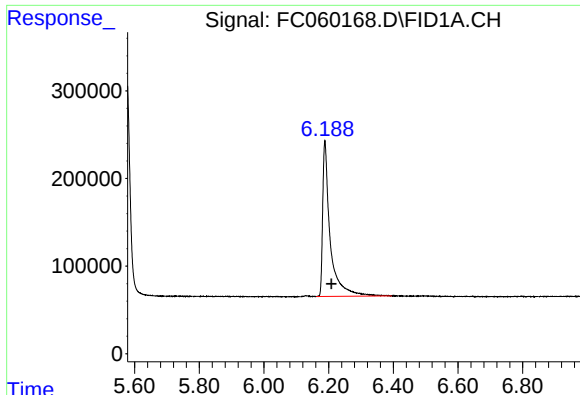
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.019 min
Response: 2845272
Conc: 19.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 2643866
Conc: 19.83 ug/ml



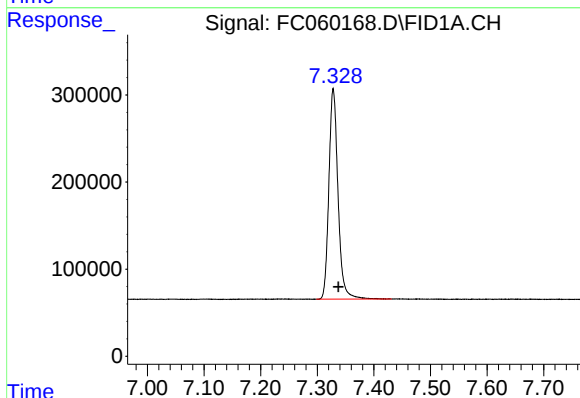
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.019 min
Response: 2864206
Conc: 19.52 ug/ml

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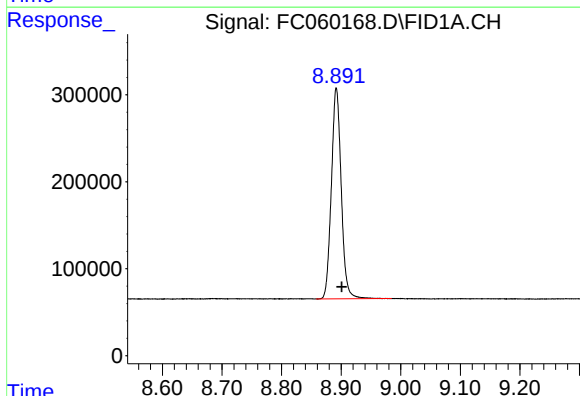
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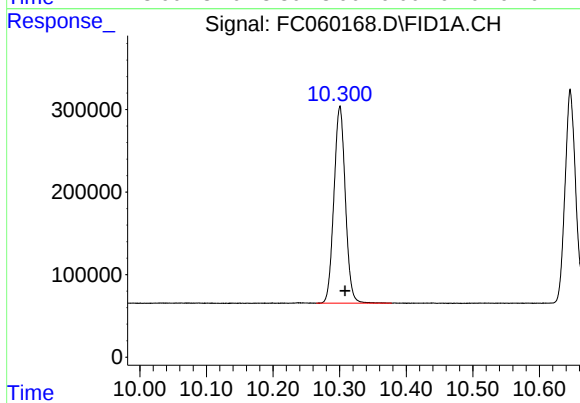
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 2711133
Conc: 19.86 ug/ml



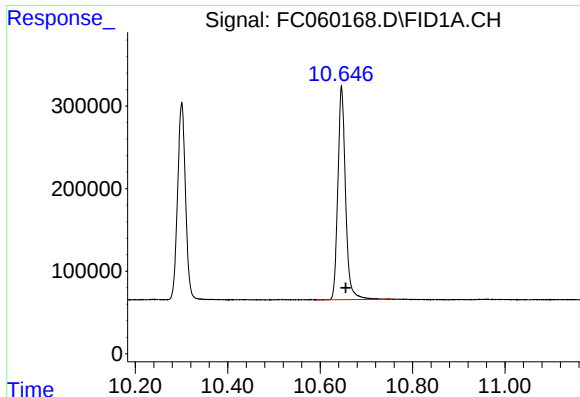
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 2788258
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.300 min
Delta R.T.: -0.008 min
Response: 2837155
Conc: 19.83 ug/ml



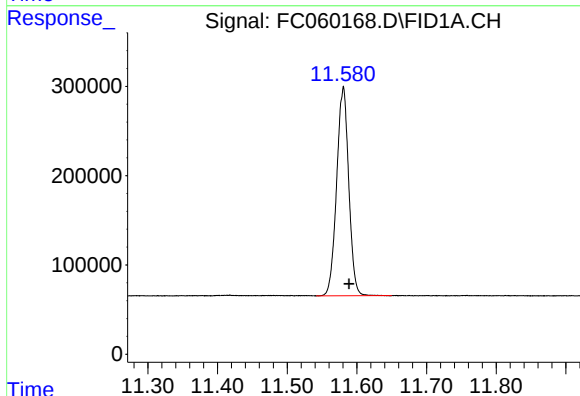
#9 ortho-Terphenyl (SURR)

R.T.: 10.647 min
Delta R.T.: -0.009 min
Response: 2988205
Conc: 19.20 ug/ml

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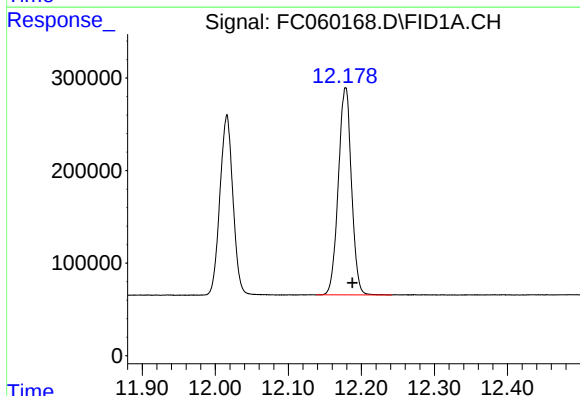
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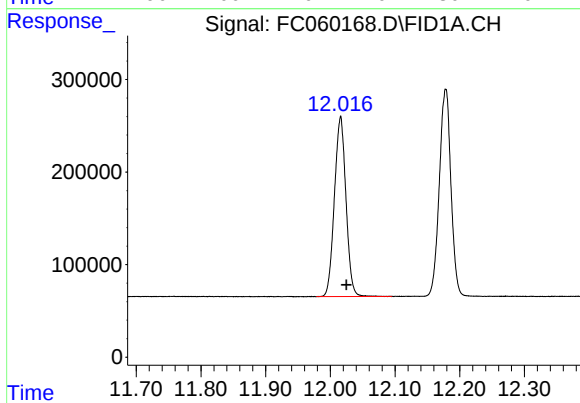
#10 n-Eicosane (C20)

R.T.: 11.580 min
Delta R.T.: -0.009 min
Response: 2817567
Conc: 19.75 ug/ml



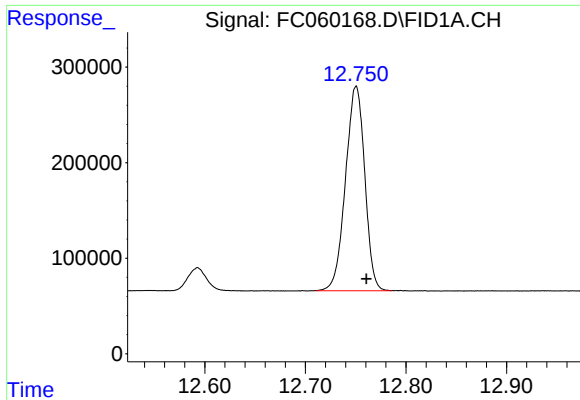
#11 n-Heneicosane (C21)

R.T.: 12.178 min
Delta R.T.: -0.010 min
Response: 2798009
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.009 min
Response: 2409702
Conc: 19.43 ug/ml



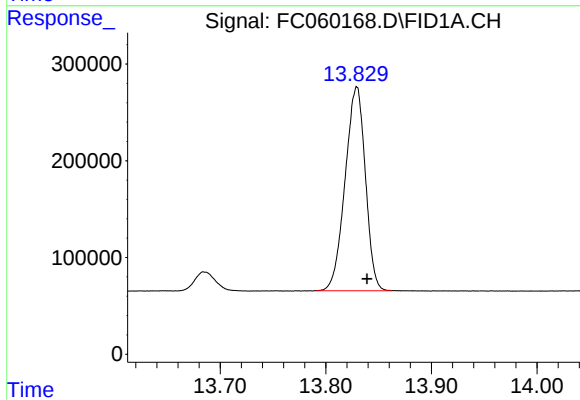
#13 n-Docosane (C22)

R.T.: 12.750 min
Delta R.T.: -0.010 min
Response: 2847388
Conc: 19.98 ug/ml

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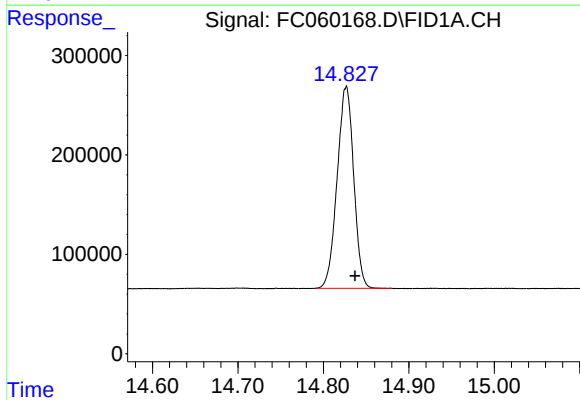
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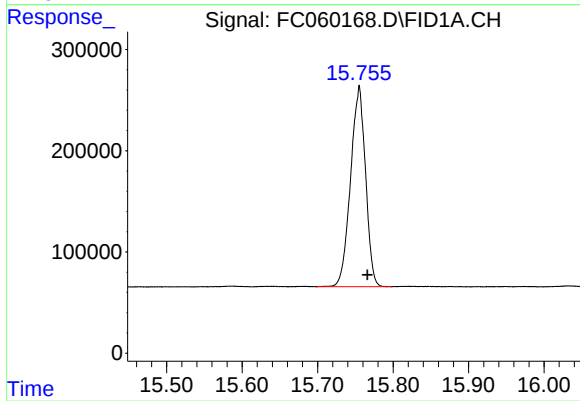
#14 n-Tetracosane (C24)

R.T.: 13.829 min
Delta R.T.: -0.010 min
Response: 2809819
Conc: 20.02 ug/ml m



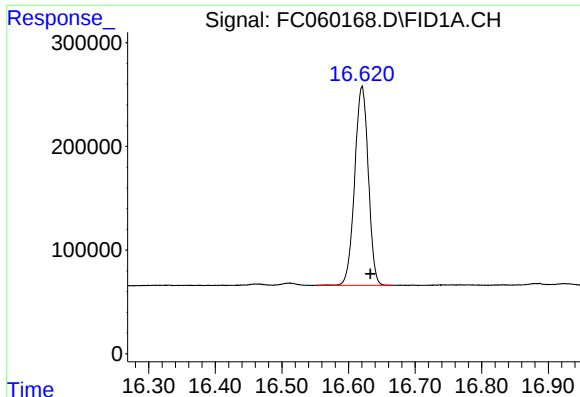
#15 n-Hexacosane (C26)

R.T.: 14.827 min
Delta R.T.: -0.011 min
Response: 2731601
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.755 min
Delta R.T.: -0.011 min
Response: 2725612
Conc: 20.93 ug/ml



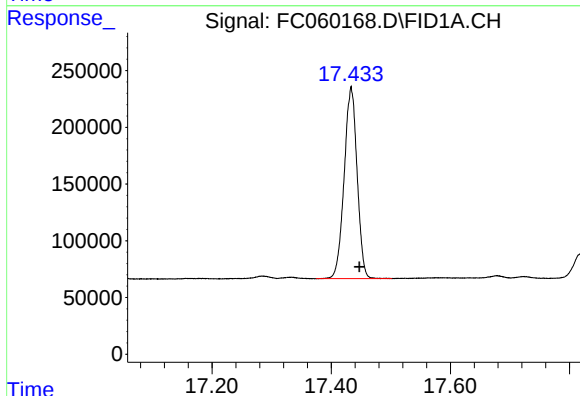
#17 n-Tricontane (C30)

R.T.: 16.620 min
Delta R.T.: -0.013 min
Response: 2730148
Conc: 22.30 ug/ml

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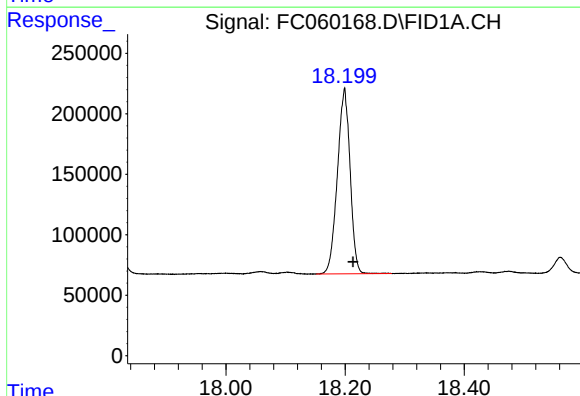
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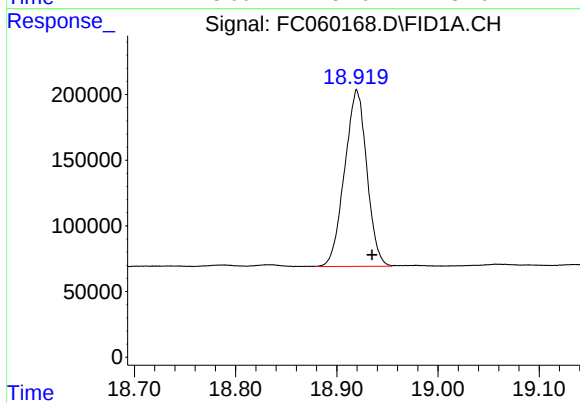
#18 n-Dotriacontane (C32)

R.T.: 17.433 min
Delta R.T.: -0.014 min
Response: 2545589
Conc: 22.83 ug/ml



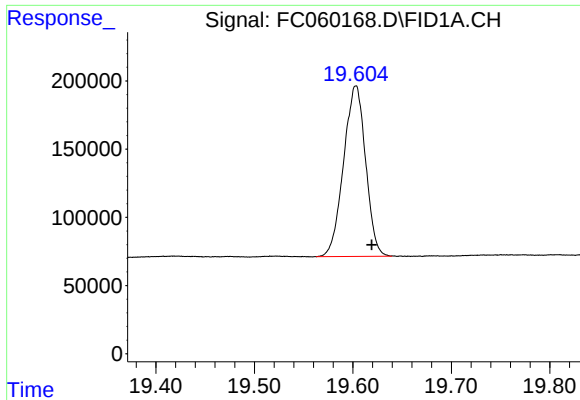
#19 n-Tetratriacontane (C34)

R.T.: 18.199 min
Delta R.T.: -0.014 min
Response: 2267635
Conc: 22.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.919 min
Delta R.T.: -0.016 min
Response: 2050362
Conc: 21.65 ug/ml m



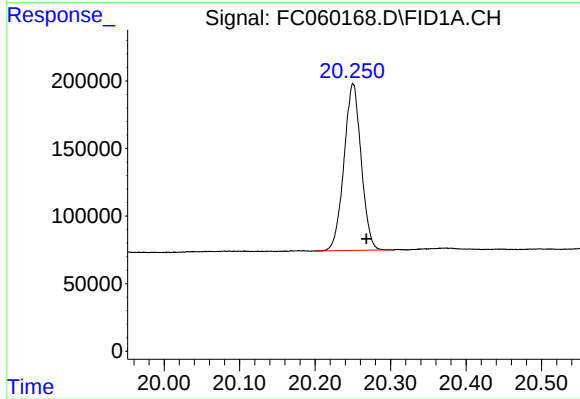
#21 n-Octatriacontane (C38)

R.T.: 19.604 min
Delta R.T.: -0.016 min
Response: 1944981
Conc: 21.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.250 min
Delta R.T.: -0.018 min
Response: 1950282
Conc: 20.73 ug/ml