

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060330.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2022 21:47
 Operator : UA/NP
 Sample : N3390-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PT-2-061722MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: autoint1.e
 Quant Time: Jun 20 01:00:26 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)	10.655	3311496	21.279 ug/mlm
Spiked Amount 50.000		Recovery =	42.56%
12) S 1-chlorooctadecane (S...	12.024	2501477	20.175 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	2.620	2260050	17.658 ug/ml
2) T n-Decane (C10)	3.620	2710895	21.190 ug/ml
3) T A~Naphthalene (C11.7)	5.160	3404811	23.556 ug/mlm
4) T n-Dodecane (C12)	5.576	3581018	26.863 ug/mlm
5) T A~2-methylnaphthalene...	6.187	3621642	24.676 ug/ml
6) T n-Tetradecane (C14)	7.332	3839961	28.129 ug/mlm
7) T n-Hexadecane (C16)	8.898	4328673	30.851 ug/mlm
8) T n-Octadecane (C18)	10.309	4382201	30.622 ug/mlm
10) T n-Eicosane (C20)	11.590	4478865	31.393 ug/mlm
11) T n-Heneicosane (C21)	12.189	4078510	28.454 ug/ml
13) T n-Docosane (C22)	12.761	3951008	27.727 ug/ml
14) T n-Tetracosane (C24)	13.842	7006877	49.931 ug/ml
15) T n-Hexacosane (C26)	14.842	3677818	27.159 ug/mlm
16) T n-Octacosane (C28)	15.772	3819109	29.325 ug/mlm
17) T n-Tricontane (C30)	16.643	3632320	29.670 ug/ml
18) T n-Dotriacontane (C32)	17.457	3450785	30.950 ug/mlm
19) T n-Tetratriacontane (C34)	18.223	3349684	32.842 ug/ml
20) T n-Hexatriacontane (C36)	18.948	2798937	29.556 ug/ml
21) T n-Octatriacontane (C38)	19.632	3568213	38.675 ug/mlm
22) T n-Tetracontane (C40)	20.282	3084491	32.784 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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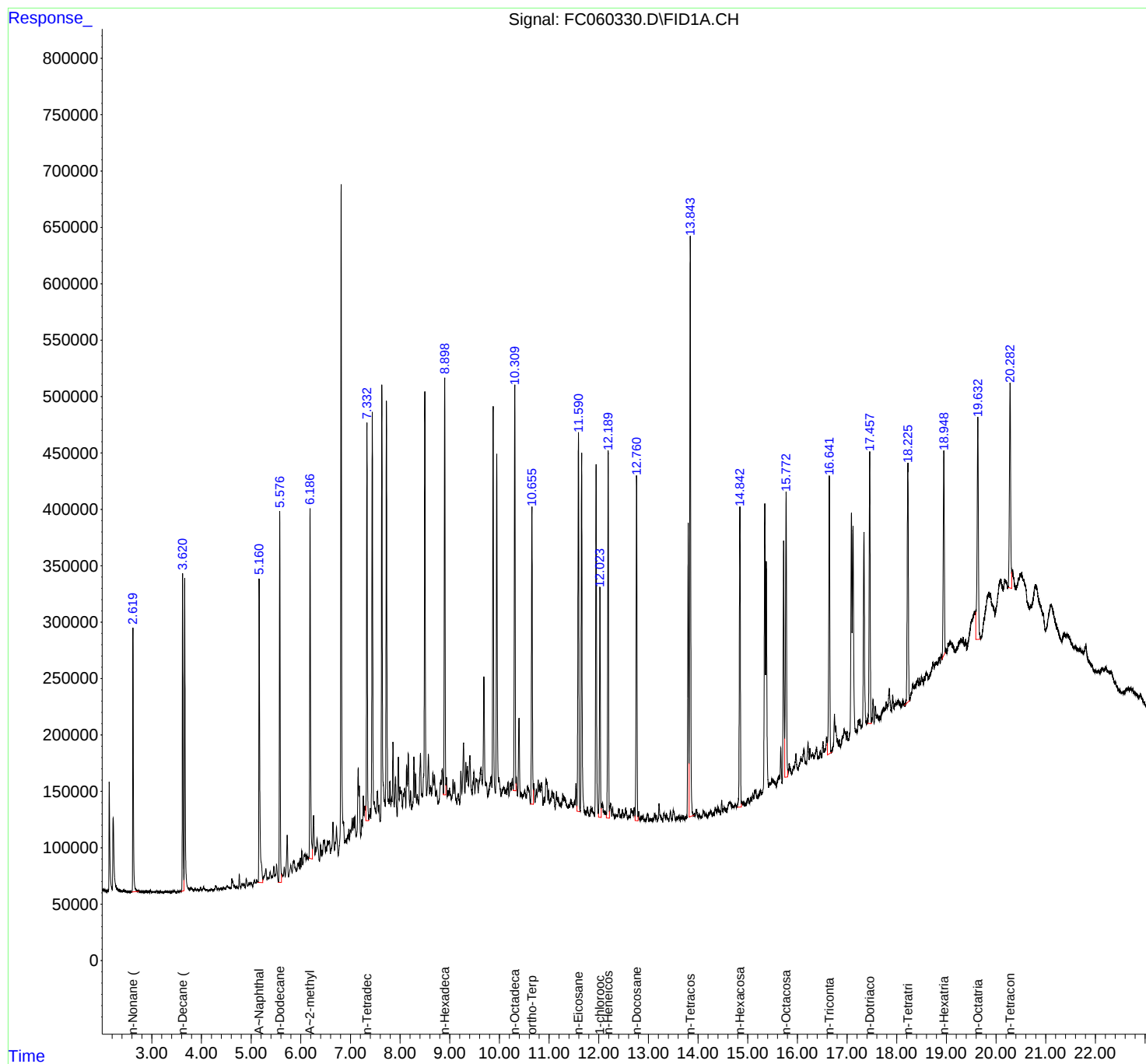
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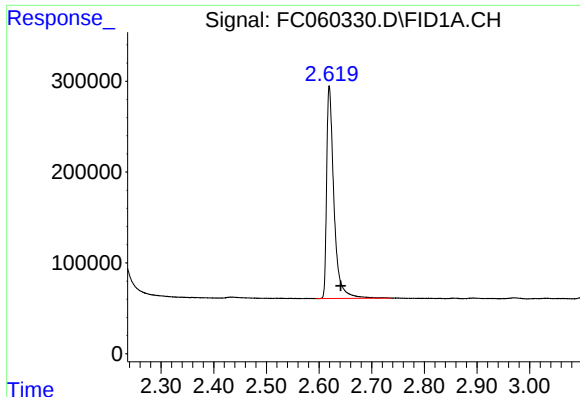
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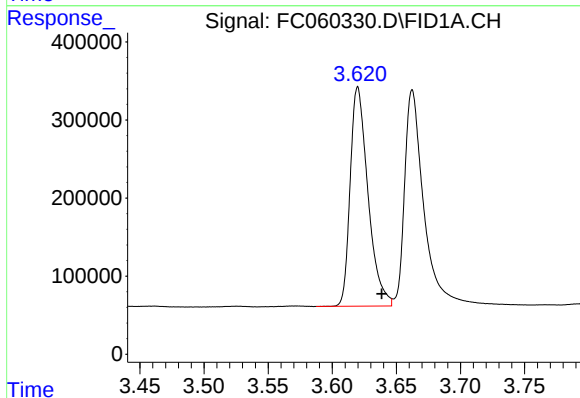
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: -0.021 min
Response: 2260050
Conc: 17.66 ug/ml

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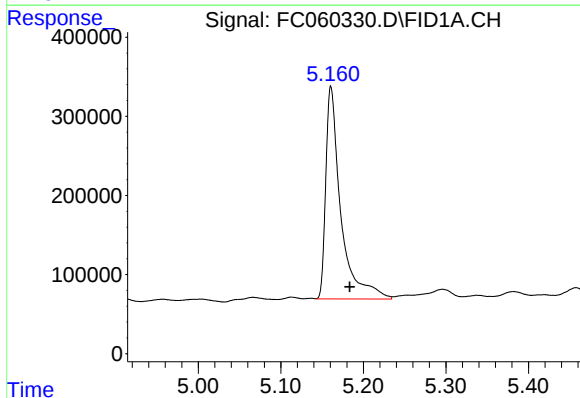
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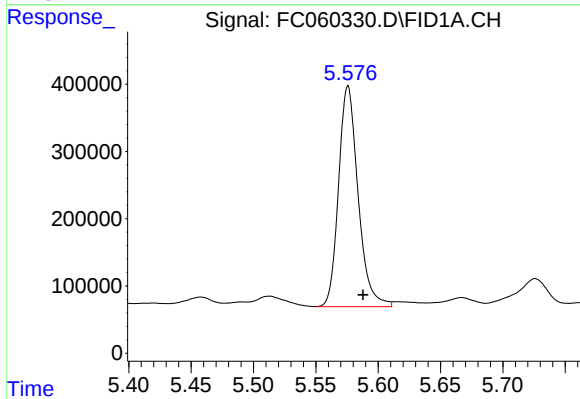
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.018 min
Response: 2710895
Conc: 21.19 ug/ml



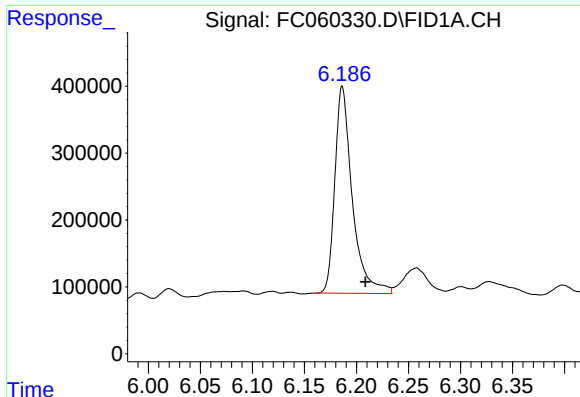
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.024 min
Response: 3404811
Conc: 23.56 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 3581018
Conc: 26.86 ug/ml m



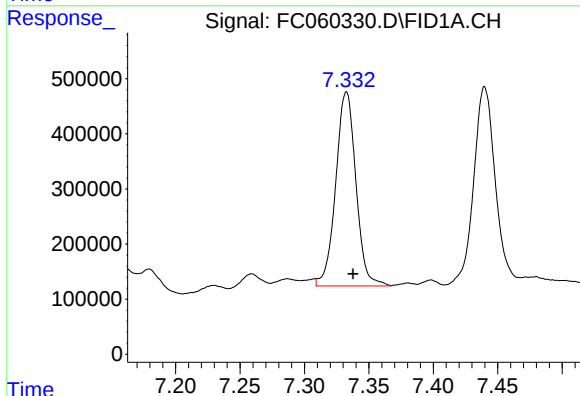
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.187 min
Delta R.T.: -0.022 min
Response: 3621642
Conc: 24.68 ug/ml

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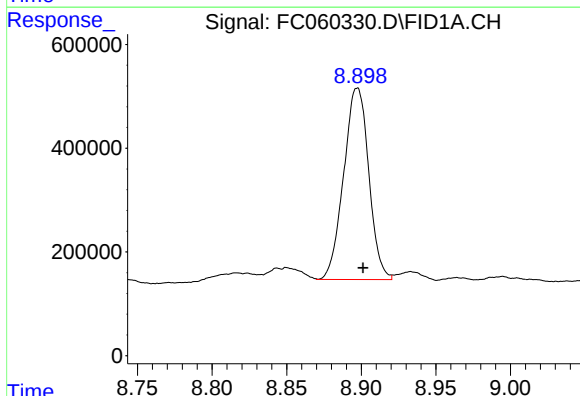
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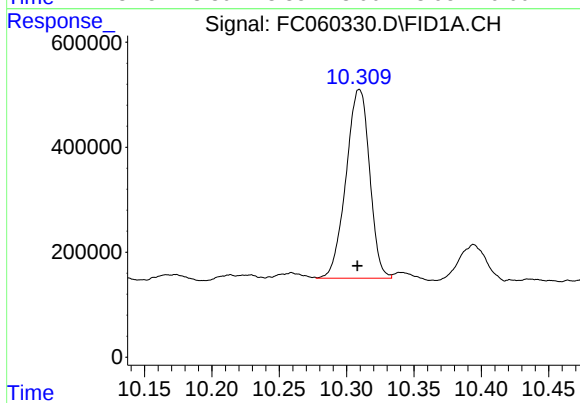
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 3839961
Conc: 28.13 ug/ml m



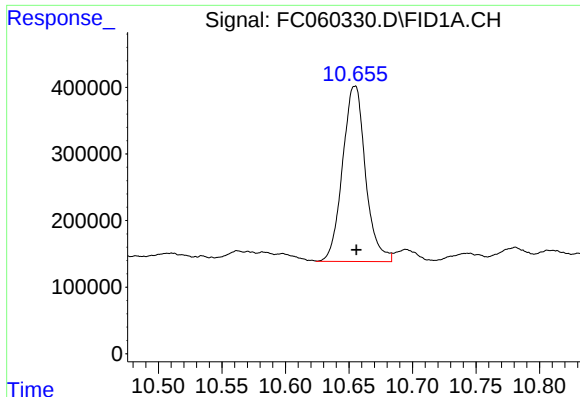
#7 n-Hexadecane (C16)

R.T.: 8.898 min
Delta R.T.: -0.004 min
Response: 4328673
Conc: 30.85 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.309 min
Delta R.T.: 0.001 min
Response: 4382201
Conc: 30.62 ug/ml m



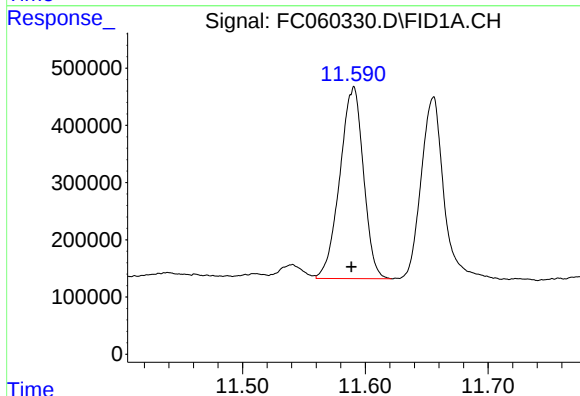
#9 ortho-Terphenyl (SURR)

R.T.: 10.655 min
Delta R.T.: 0.000 min
Response: 3311496
Conc: 21.28 ug/ml

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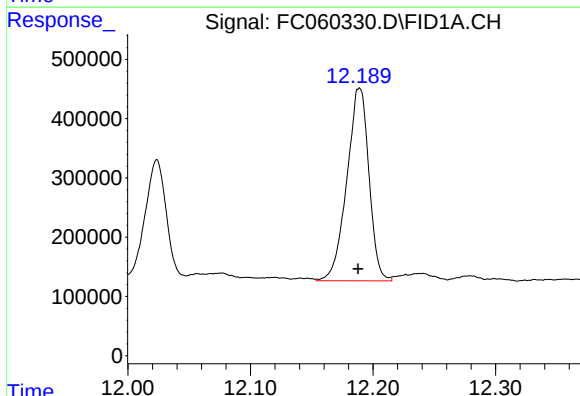
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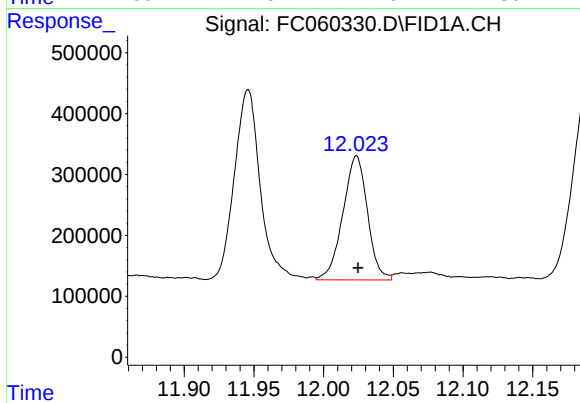
#10 n-Eicosane (C20)

R.T.: 11.590 min
Delta R.T.: 0.002 min
Response: 4478865
Conc: 31.39 ug/ml m



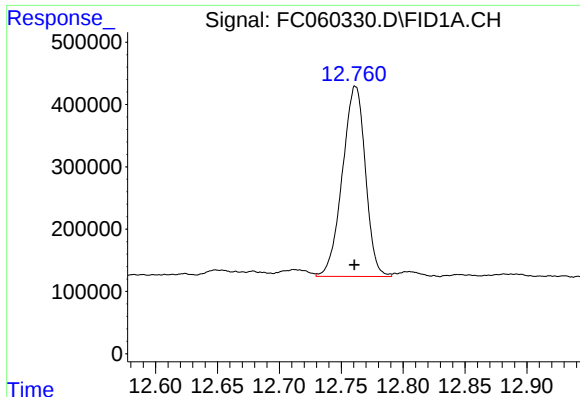
#11 n-Heneicosane (C21)

R.T.: 12.189 min
Delta R.T.: 0.001 min
Response: 4078510
Conc: 28.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.024 min
Delta R.T.: -0.001 min
Response: 2501477
Conc: 20.18 ug/ml



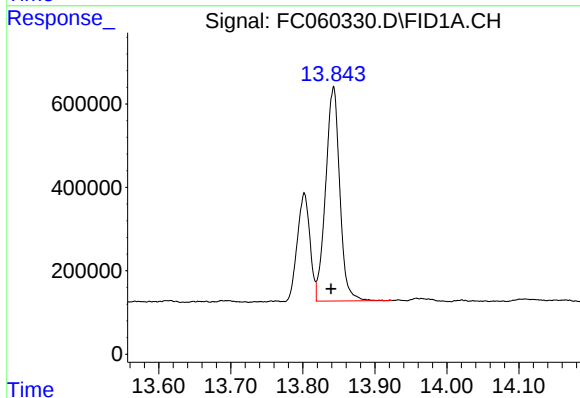
#13 n-Docosane (C22)

R.T.: 12.761 min
Delta R.T.: 0.000 min
Response: 3951008
Conc: 27.73 ug/ml

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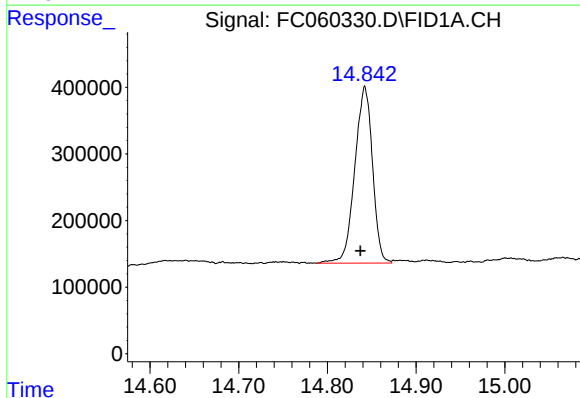
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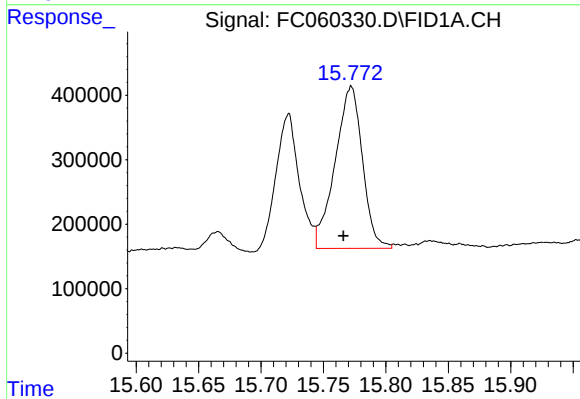
#14 n-Tetracosane (C24)

R.T.: 13.842 min
Delta R.T.: 0.003 min
Response: 7006877
Conc: 49.93 ug/ml



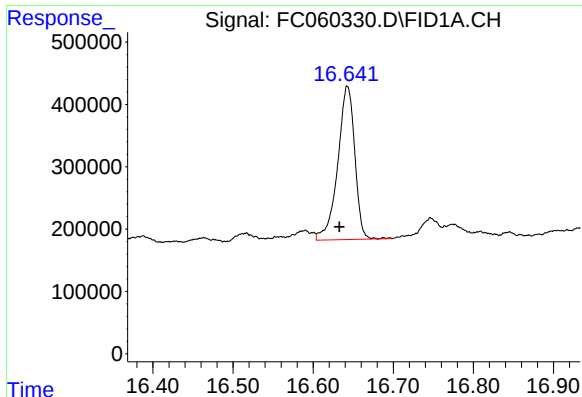
#15 n-Hexacosane (C26)

R.T.: 14.842 min
Delta R.T.: 0.004 min
Response: 3677818
Conc: 27.16 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.772 min
Delta R.T.: 0.006 min
Response: 3819109
Conc: 29.32 ug/ml m



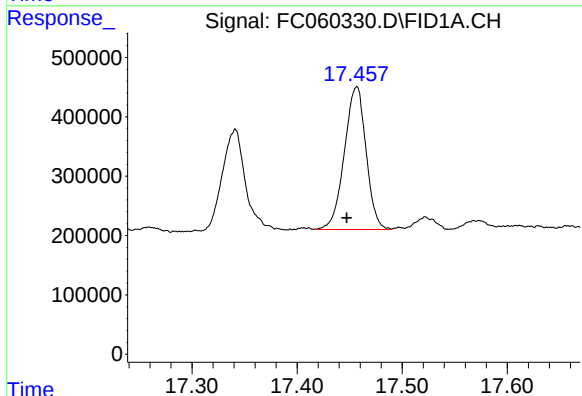
#17 n-Tricontane (C30)

R.T.: 16.643 min
Delta R.T.: 0.010 min
Response: 3632320
Conc: 29.67 ug/ml

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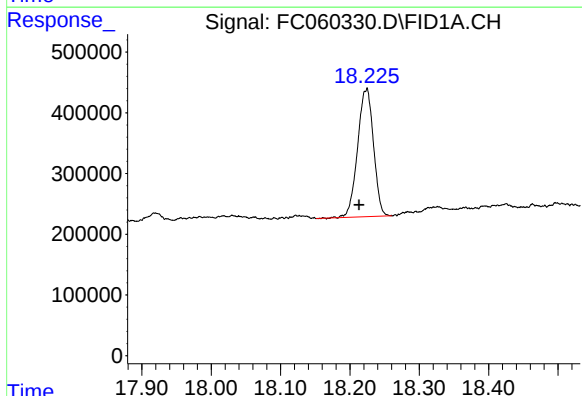
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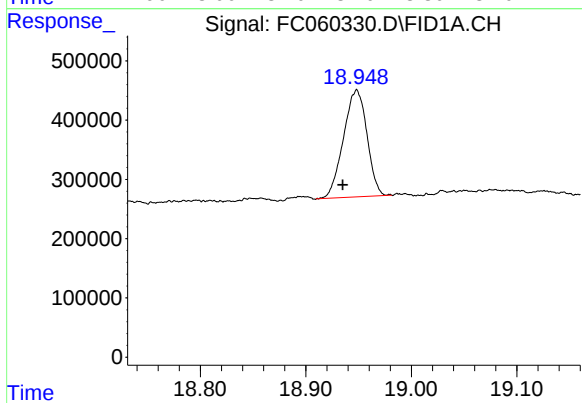
#18 n-Dotriacontane (C32)

R.T.: 17.457 min
Delta R.T.: 0.009 min
Response: 3450785
Conc: 30.95 ug/ml m



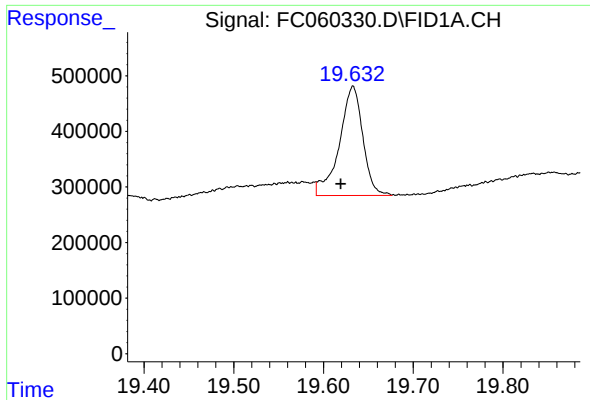
#19 n-Tetratriacontane (C34)

R.T.: 18.223 min
Delta R.T.: 0.010 min
Response: 3349684
Conc: 32.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.948 min
Delta R.T.: 0.013 min
Response: 2798937
Conc: 29.56 ug/ml



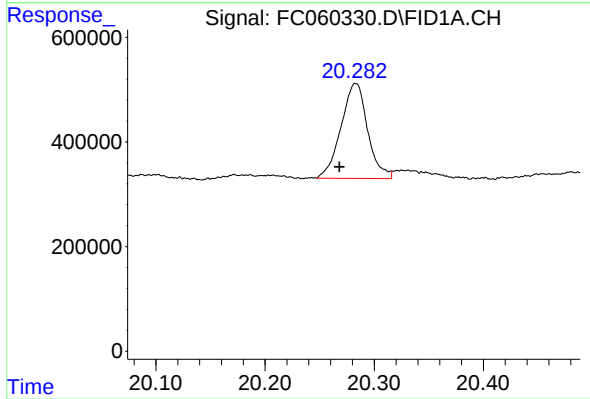
#21 n-Octatriacontane (C38)

R.T.: 19.632 min
Delta R.T.: 0.013 min
Response: 3568213
Conc: 38.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.282 min
Delta R.T.: 0.014 min
Response: 3084491
Conc: 32.78 ug/ml m