

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011422AL\
 Data File : FD040633.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jan 2022 1:54
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/17/2022
 Supervised By :Ankita Jodhani 01/17/2022

Integration File: autoint1.e
 Quant Time: Jan 15 02:16:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.612	3004735	19.487 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	12.050	2279188	19.363 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	2.564	2560327	19.943 ug/mlm
2) T n-Decane (C10)	3.549	2625697	20.391 ug/ml
3) T A~Naphthalene (C11.7)	5.078	2901151	20.420 ug/ml
4) T n-Dodecane (C12)	5.517	2653303	20.759 ug/ml
5) T A~2-methylnaphthalene...	6.118	2915380	20.666 ug/ml
6) T n-Tetradecane (C14)	7.294	2722743	21.018 ug/ml
7) T n-Hexadecane (C16)	8.882	2739592	21.028 ug/ml
8) T n-Octadecane (C18)	10.312	2790755	20.596 ug/ml
10) T n-Eicosane (C20)	11.613	2738784	20.135 ug/ml
11) T n-Heneicosane (C21)	12.221	2694717	19.460 ug/ml
13) T n-Docosane (C22)	12.804	2800156	20.308 ug/ml
14) T n-Tetracosane (C24)	13.900	2987404	21.365 ug/ml
15) T n-Hexacosane (C26)	14.916	3005491	21.803 ug/ml
16) T n-Octacosane (C28)	15.859	3080610	22.704 ug/ml
17) T n-Tricontane (C30)	16.743	3113344	23.887 ug/ml
18) T n-Dotriacontane (C32)	17.570	2863991	23.958 ug/ml
19) T n-Tetratriacontane (C34)	18.351	2526745	23.997 ug/mlm
20) T n-Hexatriacontane (C36)	19.085	2158594	21.302 ug/mlm
21) T n-Octatriacontane (C38)	19.785	1954142	21.872 ug/mlm
22) T n-Tetracontane (C40)	20.583	1885032	22.052 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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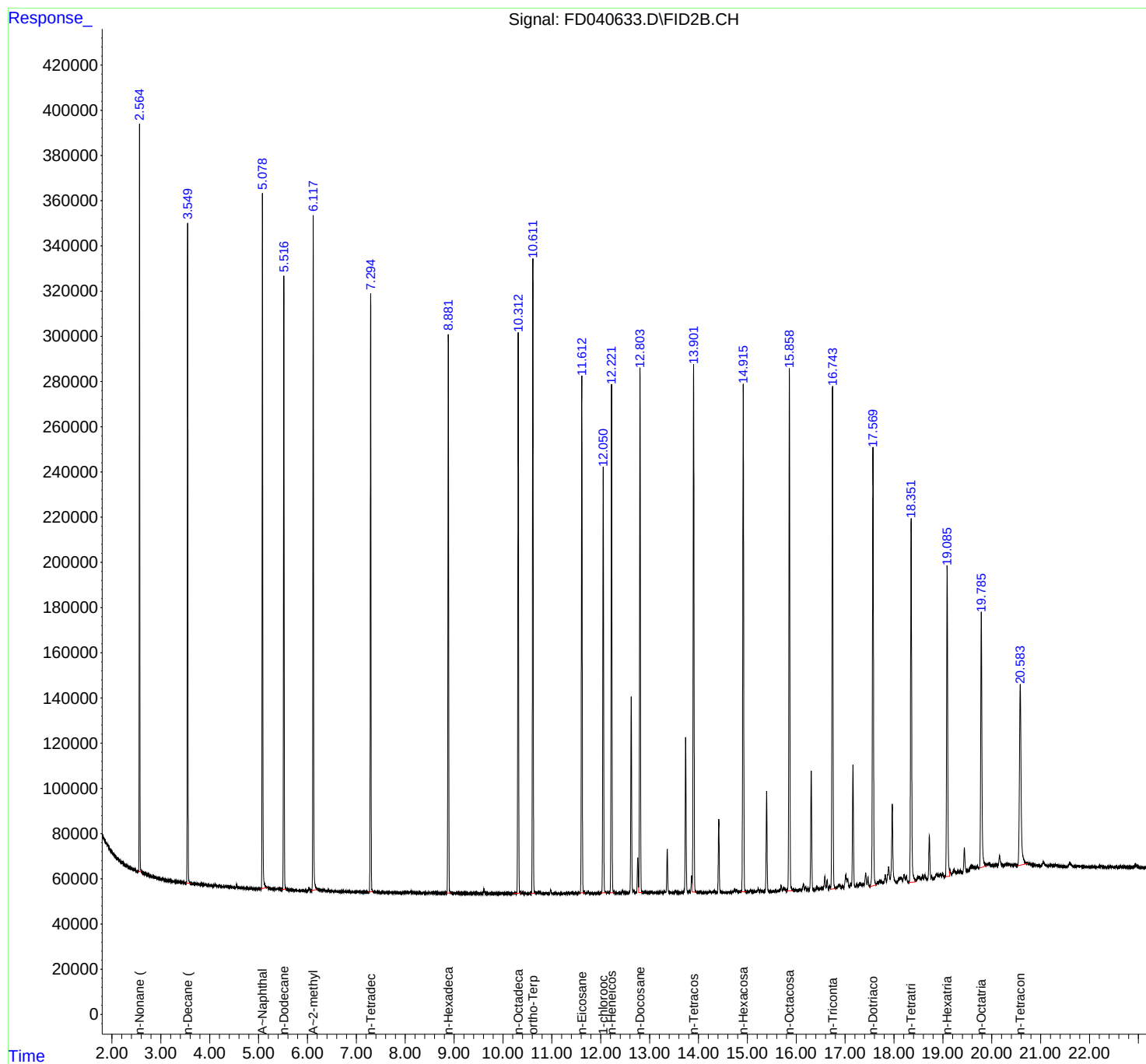
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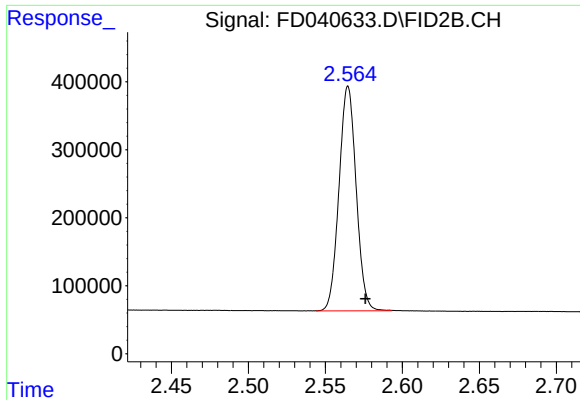
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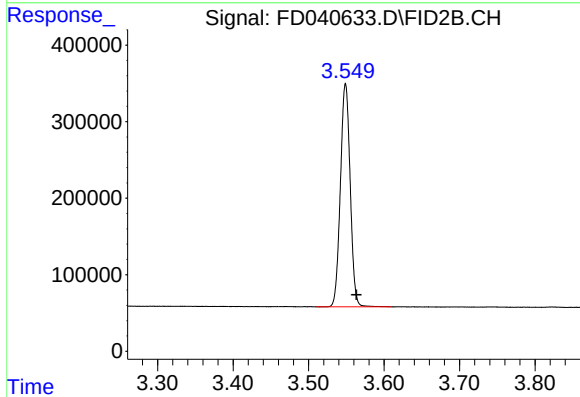
#1 n-Nonane (C9)

R.T.: 2.564 min
Delta R.T.: -0.012 min
Response: 2560327
Conc: 19.94 ug/ml

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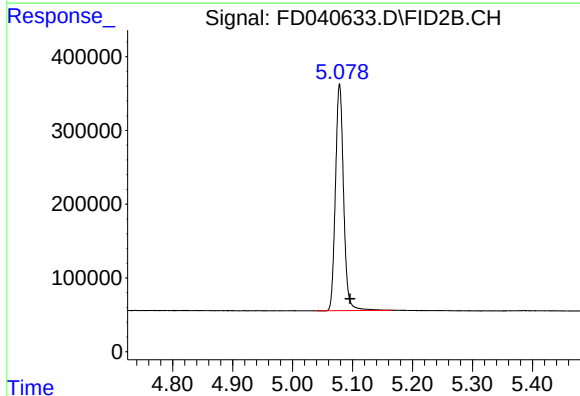
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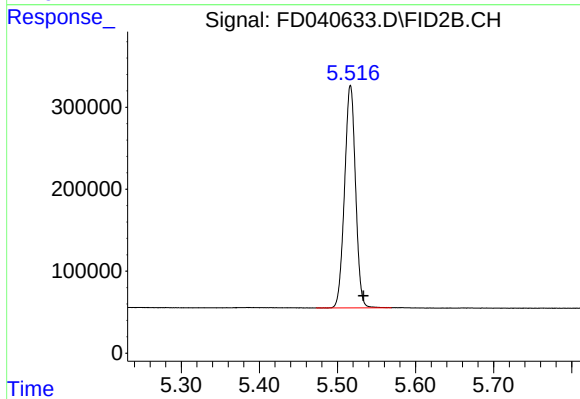
#2 n-Decane (C10)

R.T.: 3.549 min
Delta R.T.: -0.014 min
Response: 2625697
Conc: 20.39 ug/ml



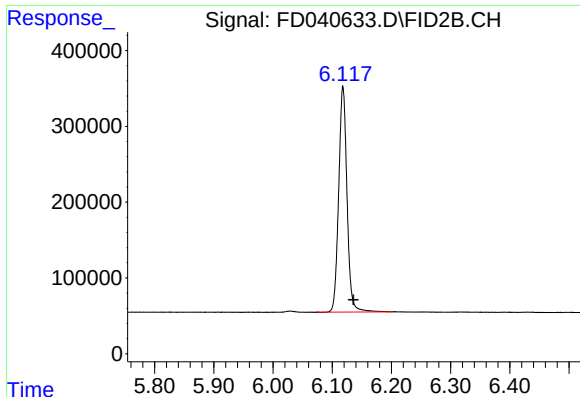
#3 A~Naphthalene (C11.7)

R.T.: 5.078 min
Delta R.T.: -0.018 min
Response: 2901151
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.517 min
Delta R.T.: -0.016 min
Response: 2653303
Conc: 20.76 ug/ml



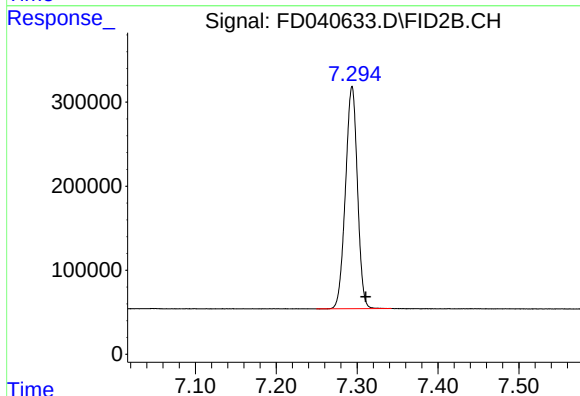
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.118 min
Delta R.T.: -0.018 min
Response: 2915380
Conc: 20.67 ug/ml

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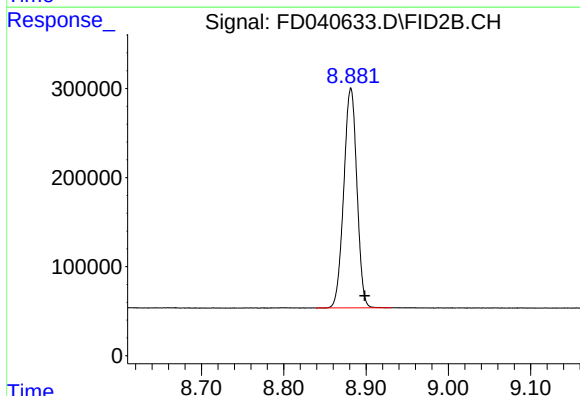
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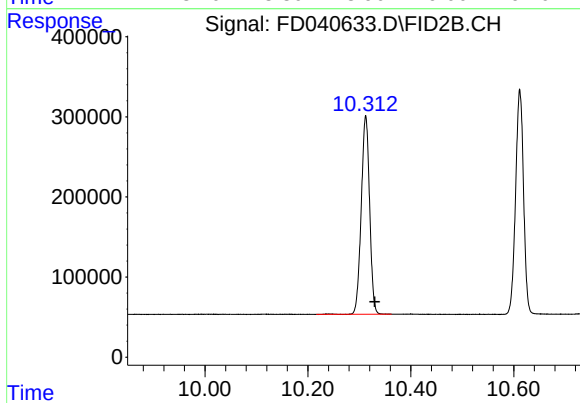
#6 n-Tetradecane (C14)

R.T.: 7.294 min
Delta R.T.: -0.017 min
Response: 2722743
Conc: 21.02 ug/ml



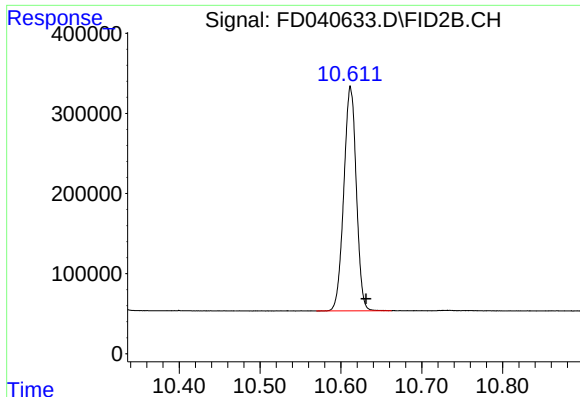
#7 n-Hexadecane (C16)

R.T.: 8.882 min
Delta R.T.: -0.017 min
Response: 2739592
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.312 min
Delta R.T.: -0.017 min
Response: 2790755
Conc: 20.60 ug/ml



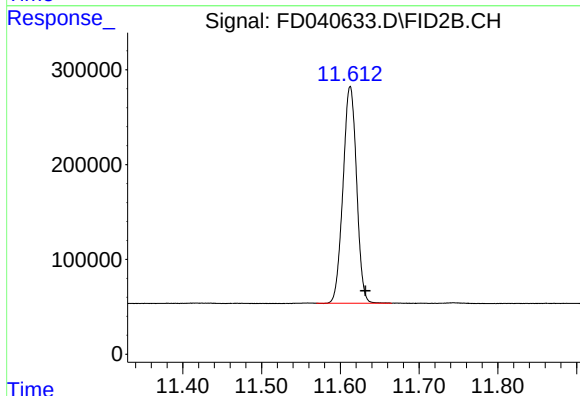
#9 ortho-Terphenyl (SURR)

R.T.: 10.612 min
Delta R.T.: -0.019 min
Response: 3004735
Conc: 19.49 ug/ml

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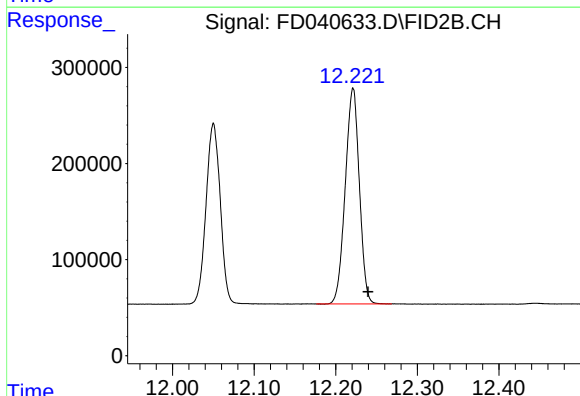
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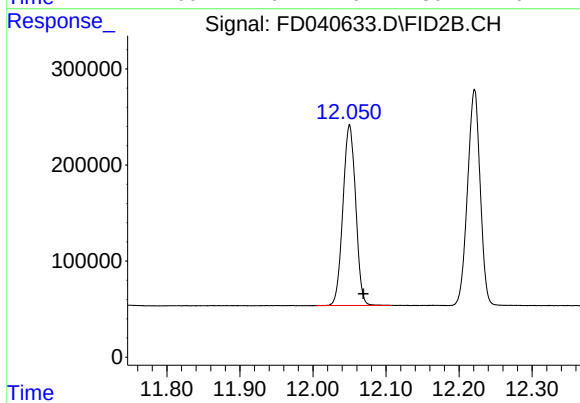
#10 n-Eicosane (C20)

R.T.: 11.613 min
Delta R.T.: -0.019 min
Response: 2738784
Conc: 20.14 ug/ml



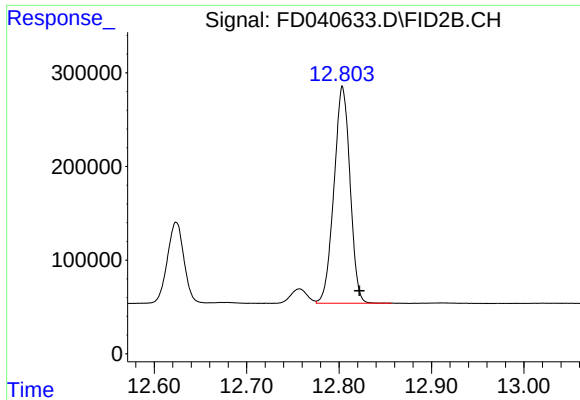
#11 n-Heneicosane (C21)

R.T.: 12.221 min
Delta R.T.: -0.018 min
Response: 2694717
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.050 min
Delta R.T.: -0.019 min
Response: 2279188
Conc: 19.36 ug/ml



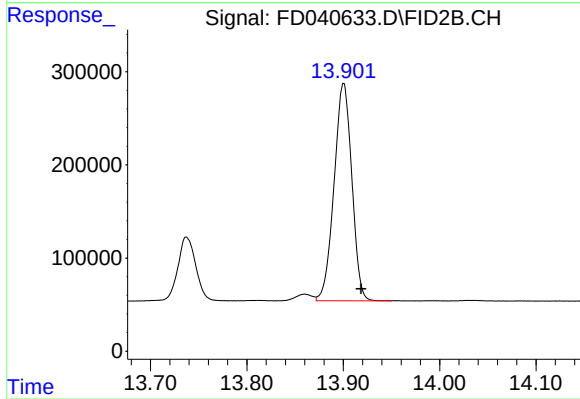
#13 n-Docosane (C22)

R.T.: 12.804 min
Delta R.T.: -0.018 min
Response: 2800156
Conc: 20.31 ug/ml

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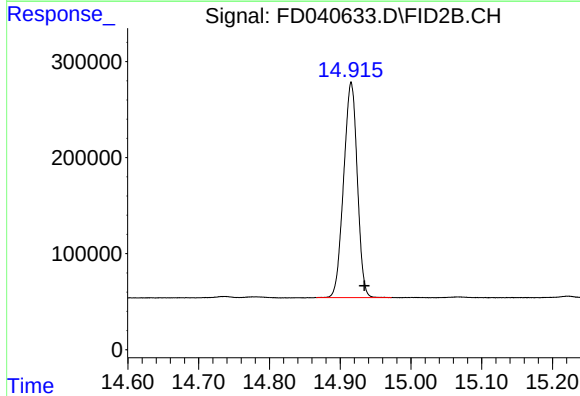
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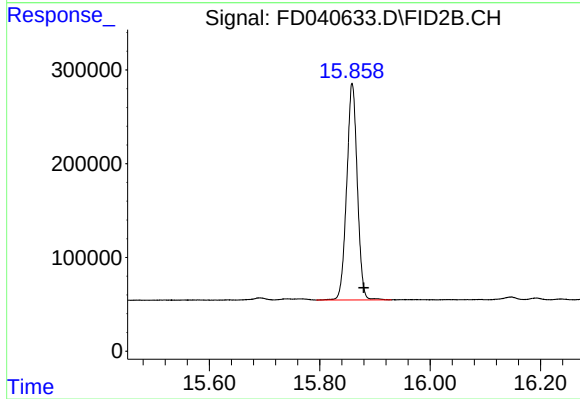
#14 n-Tetracosane (C24)

R.T.: 13.900 min
Delta R.T.: -0.018 min
Response: 2987404
Conc: 21.37 ug/ml



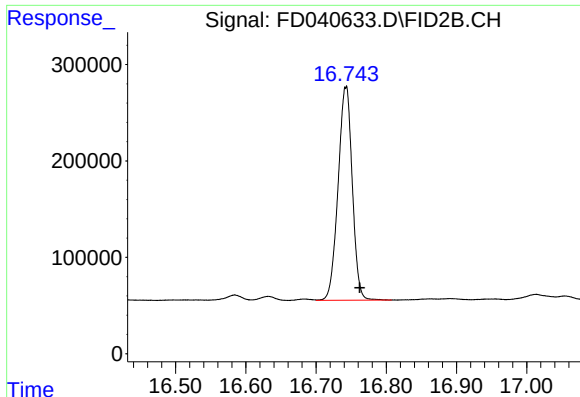
#15 n-Hexacosane (C26)

R.T.: 14.916 min
Delta R.T.: -0.018 min
Response: 3005491
Conc: 21.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.859 min
Delta R.T.: -0.021 min
Response: 3080610
Conc: 22.70 ug/ml



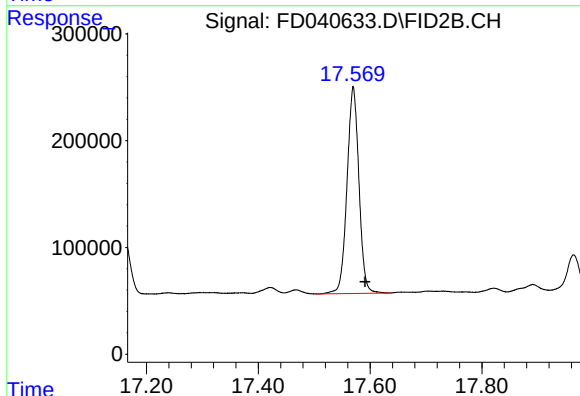
#17 n-Tricontane (C30)

R.T.: 16.743 min
Delta R.T.: -0.020 min
Response: 3113344
Conc: 23.89 ug/ml

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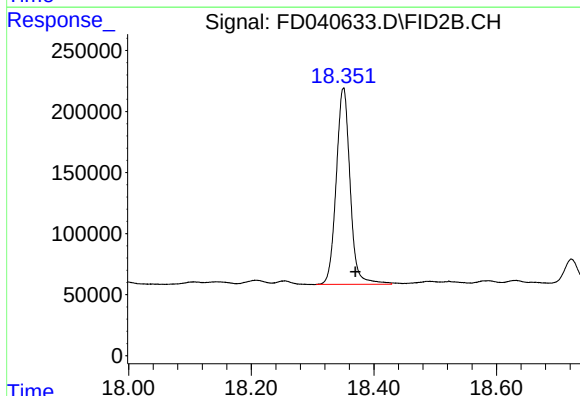
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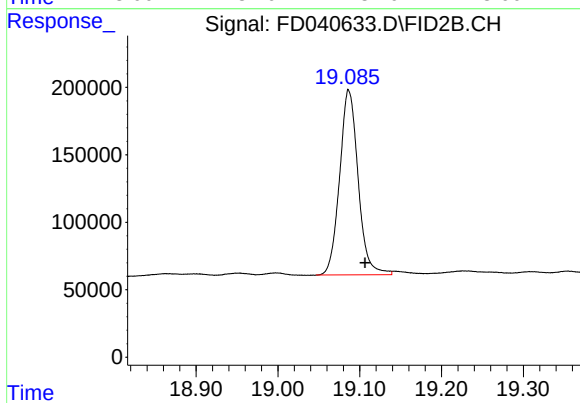
#18 n-Dotriacontane (C32)

R.T.: 17.570 min
Delta R.T.: -0.021 min
Response: 2863991
Conc: 23.96 ug/ml



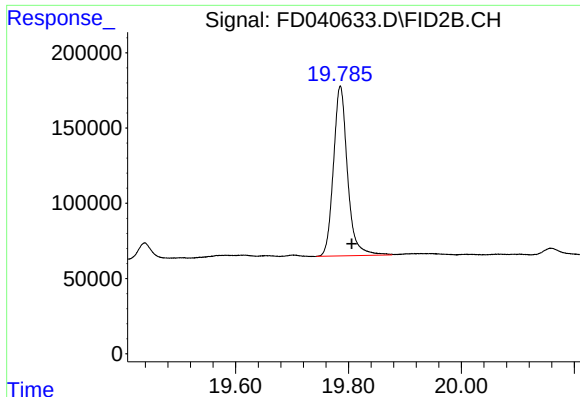
#19 n-Tetratriacontane (C34)

R.T.: 18.351 min
Delta R.T.: -0.019 min
Response: 2526745
Conc: 24.00 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.085 min
Delta R.T.: -0.021 min
Response: 2158594
Conc: 21.30 ug/ml m



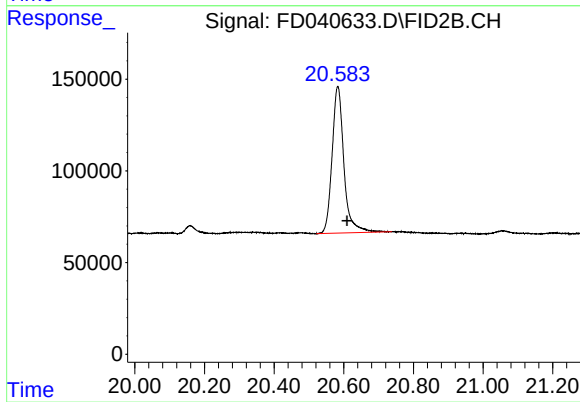
#21 n-Octatriacontane (C38)

R.T.: 19.785 min
Delta R.T.: -0.021 min
Response: 1954142
Conc: 21.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.583 min
Delta R.T.: -0.026 min
Response: 1885032
Conc: 22.05 ug/ml