

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050522AL\
 Data File : FD042315.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2022 18:37
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 06 02:26:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.210	3244191	19.344 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
12) S 1-chlorooctadecane (S...	12.649	2501486	18.957 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T n-Nonane (C9)	3.086	2906026	21.320 ug/ml
2) T n-Decane (C10)	4.130	2887000	21.543 ug/ml
3) T A~Naphthalene (C11.7)	5.680	3060860	21.116 ug/ml
4) T n-Dodecane (C12)	6.123	3005599	21.112 ug/ml
5) T A~2-methylnaphthalene...	6.724	3029592	21.740 ug/ml
6) T n-Tetradecane (C14)	7.898	3006260	21.105 ug/ml
7) T n-Hexadecane (C16)	9.483	3004841	20.678 ug/ml
8) T n-Octadecane (C18)	10.913	3007369	20.066 ug/ml
10) T n-Eicosane (C20)	12.212	2942130	19.222 ug/ml
11) T n-Heneicosane (C21)	12.820	2920439	18.943 ug/ml
13) T n-Docosane (C22)	13.402	2870752	18.624 ug/ml
14) T n-Tetracosane (C24)	14.496	2780458	17.979 ug/ml
15) T n-Hexacosane (C26)	15.510	2685362	17.458 ug/ml
16) T n-Octacosane (C28)	16.453	2610502	17.074 ug/ml
17) T n-Tricontane (C30)	17.335	2551299	17.009 ug/ml
18) T n-Dotriacontane (C32)	18.163	2427089	17.165 ug/ml
19) T n-Tetratriacontane (C34)	18.941	2302635	17.893 ug/ml
20) T n-Hexatriacontane (C36)	19.678	2205117	19.487 ug/ml
21) T n-Octatriacontane (C38)	20.373	2156965	21.618 ug/ml
22) T n-Tetracontane (C40)	21.146	2179121	24.159 ug/ml

(f)=RT Delta > 1/2 Window

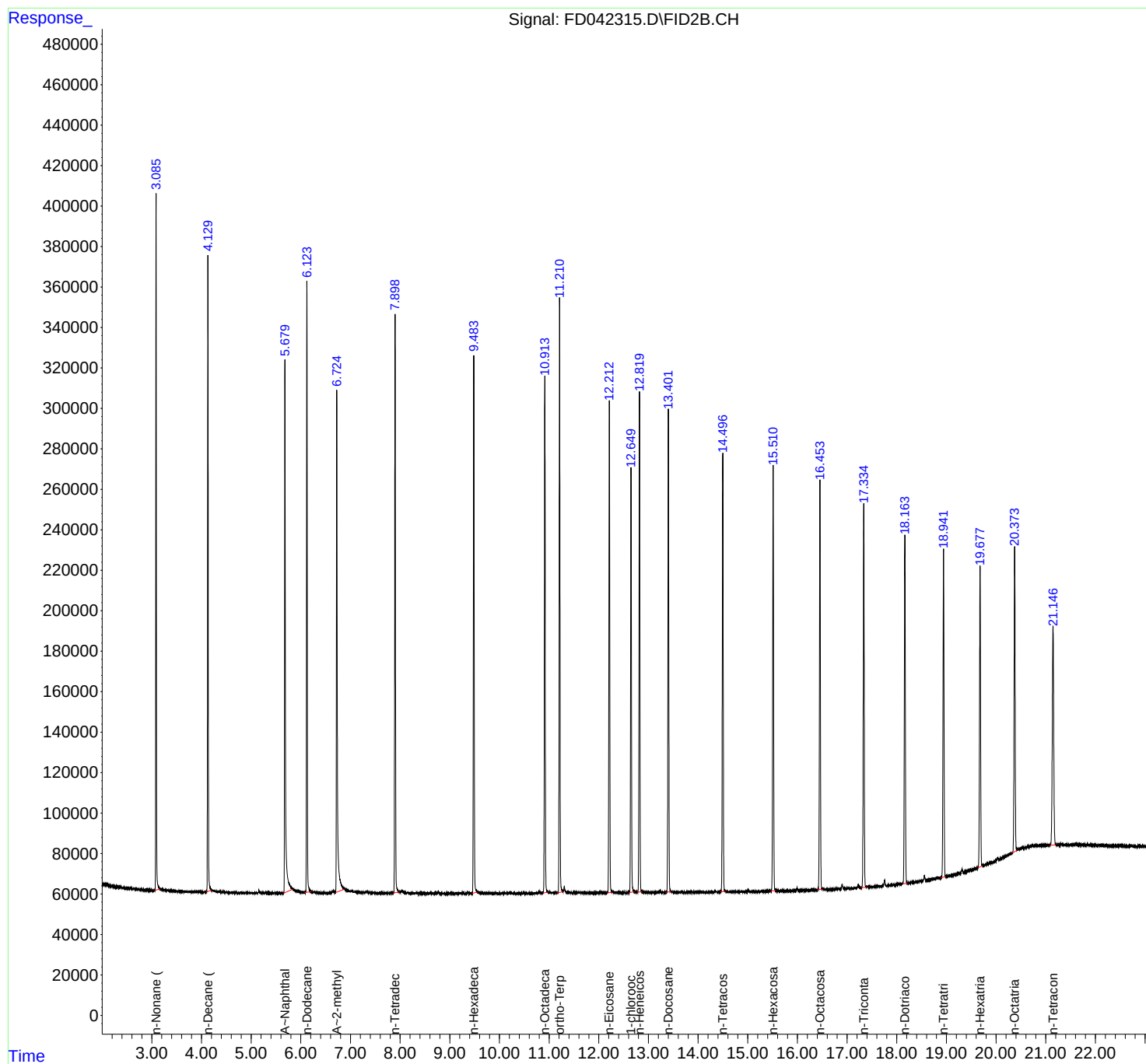
(m)=manual int.

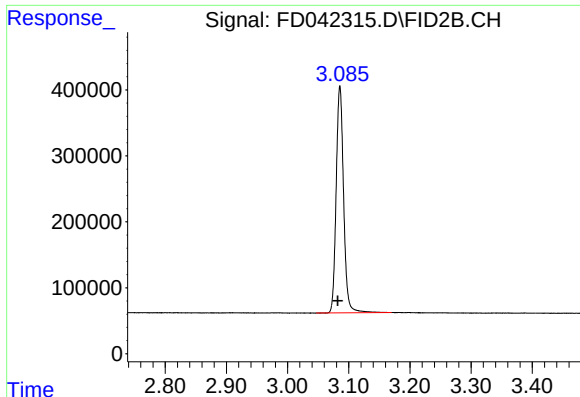
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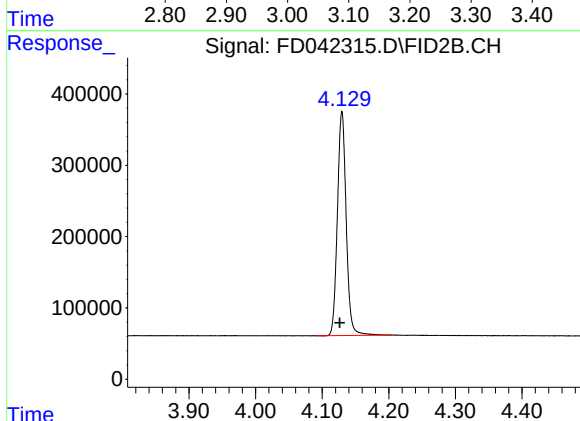




#1 n-Nonane (C9)

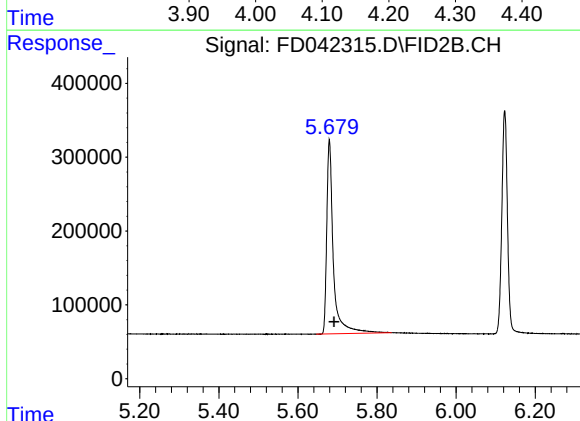
R.T.: 3.086 min
Delta R.T.: 0.004 min
Response: 2906026
Conc: 21.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



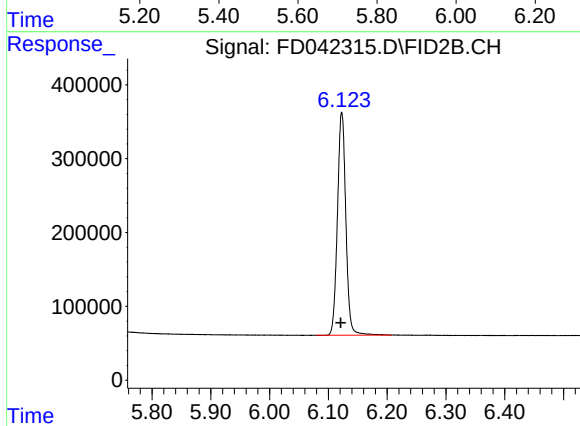
#2 n-Decane (C10)

R.T.: 4.130 min
Delta R.T.: 0.003 min
Response: 2887000
Conc: 21.54 ug/ml



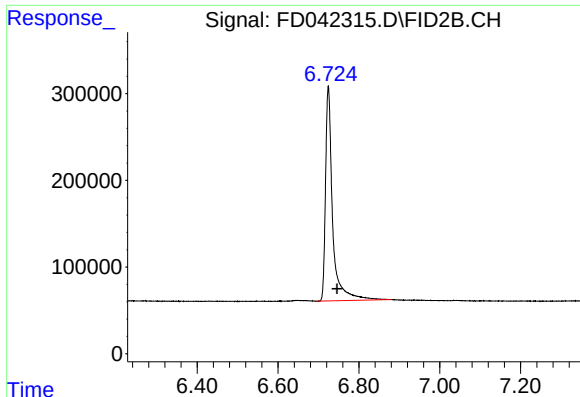
#3 A~Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.012 min
Response: 3060860
Conc: 21.12 ug/ml



#4 n-Dodecane (C12)

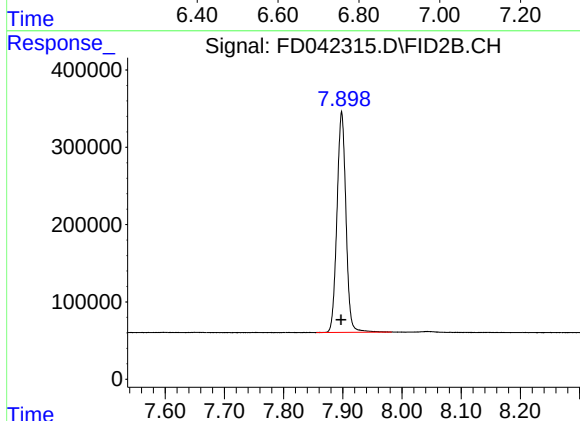
R.T.: 6.123 min
Delta R.T.: 0.002 min
Response: 3005599
Conc: 21.11 ug/ml



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

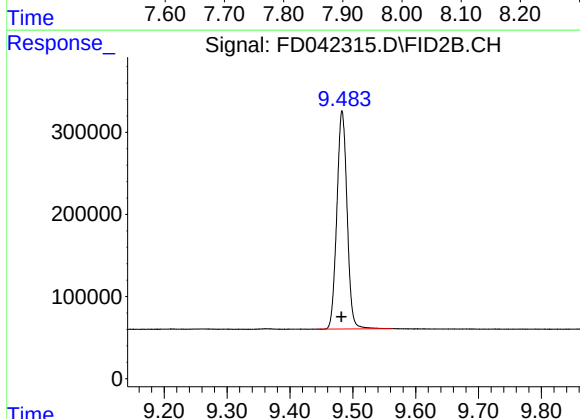
R.T.: 6.724 min
Delta R.T.: -0.022 min
Response: 3029592
Conc: 21.74 ug/ml

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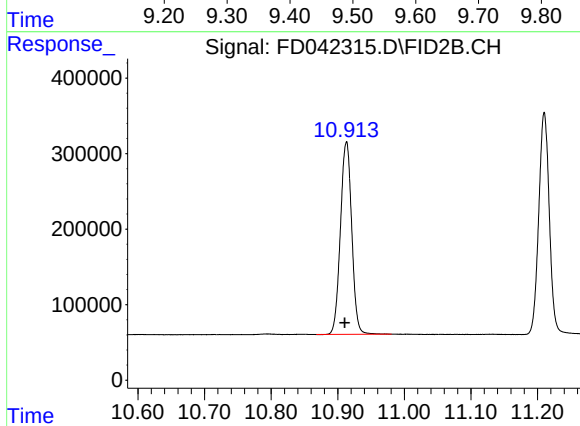
#6 n-Tetradecane (C14)

R.T.: 7.898 min
Delta R.T.: 0.001 min
Response: 3006260
Conc: 21.10 ug/ml



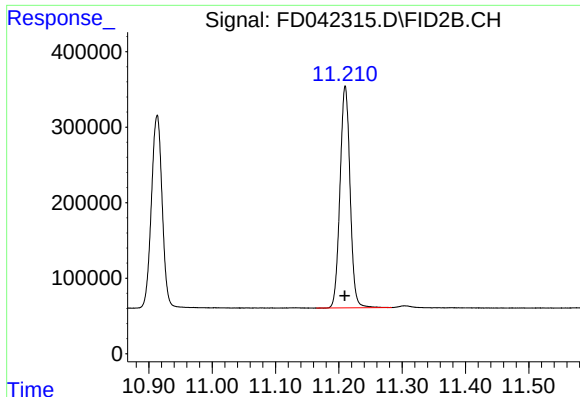
#7 n-Hexadecane (C16)

R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 3004841
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

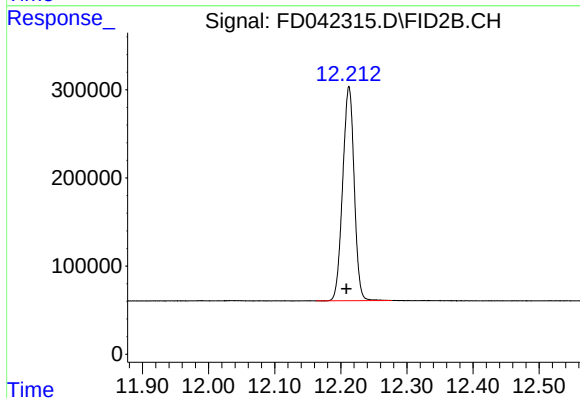
R.T.: 10.913 min
Delta R.T.: 0.003 min
Response: 3007369
Conc: 20.07 ug/ml



#9 ortho-Terphenyl (SURR)

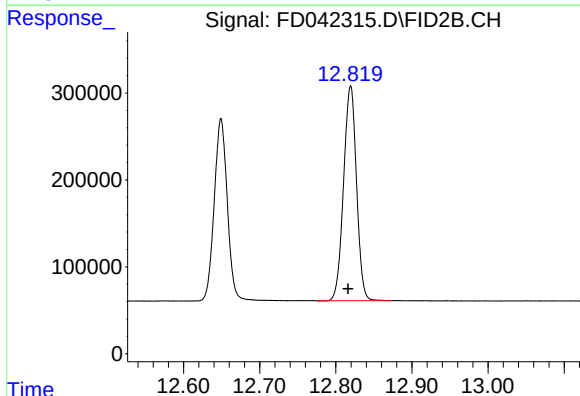
R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 3244191
Conc: 19.34 ug/ml

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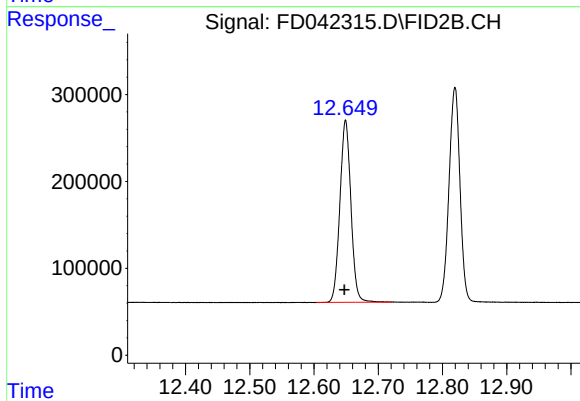
#10 n-Eicosane (C20)

R.T.: 12.212 min
Delta R.T.: 0.004 min
Response: 2942130
Conc: 19.22 ug/ml



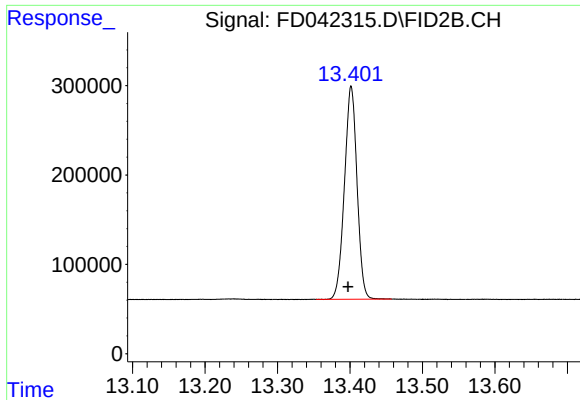
#11 n-Heneicosane (C21)

R.T.: 12.820 min
Delta R.T.: 0.003 min
Response: 2920439
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

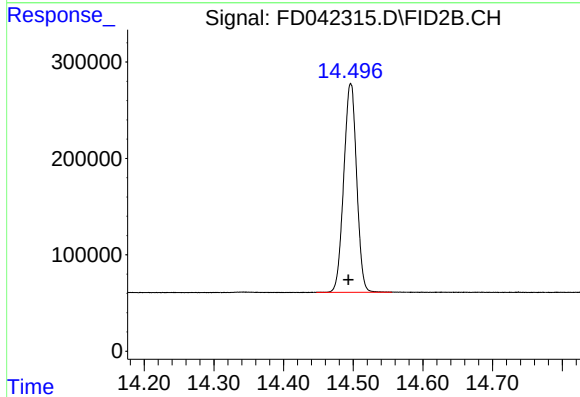
R.T.: 12.649 min
Delta R.T.: 0.002 min
Response: 2501486
Conc: 18.96 ug/ml



#13 n-Docosane (C22)

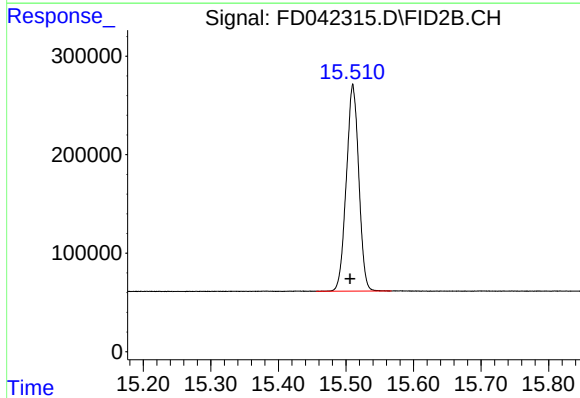
R.T.: 13.402 min
Delta R.T.: 0.004 min
Response: 2870752
Conc: 18.62 ug/ml

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20 PPM ALIPHATIC HC STD



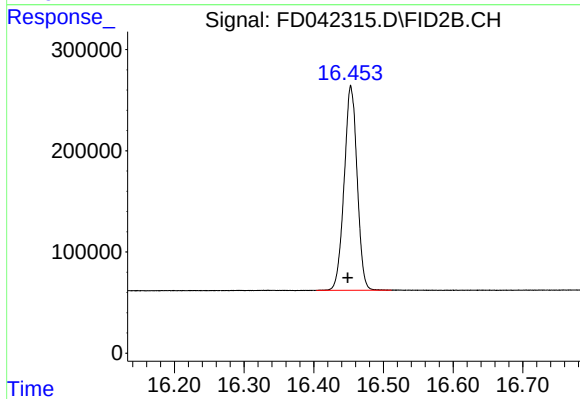
#14 n-Tetracosane (C24)

R.T.: 14.496 min
Delta R.T.: 0.003 min
Response: 2780458
Conc: 17.98 ug/ml



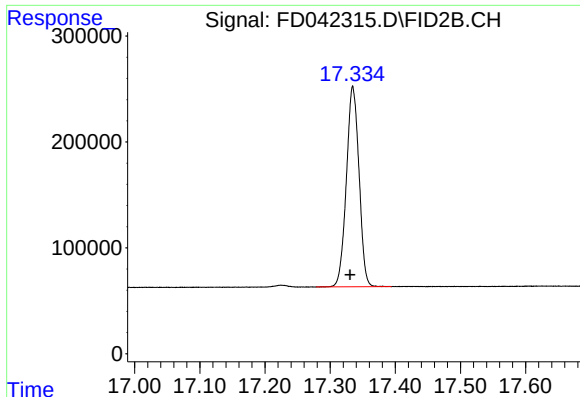
#15 n-Hexacosane (C26)

R.T.: 15.510 min
Delta R.T.: 0.004 min
Response: 2685362
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

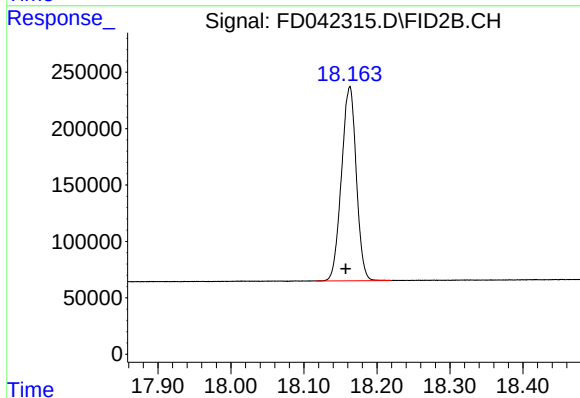
R.T.: 16.453 min
Delta R.T.: 0.004 min
Response: 2610502
Conc: 17.07 ug/ml



#17 n-Tricontane (C30)

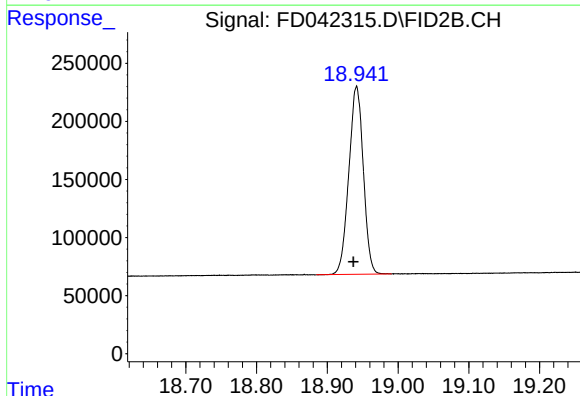
R.T.: 17.335 min
Delta R.T.: 0.004 min
Response: 2551299
Conc: 17.01 ug/ml

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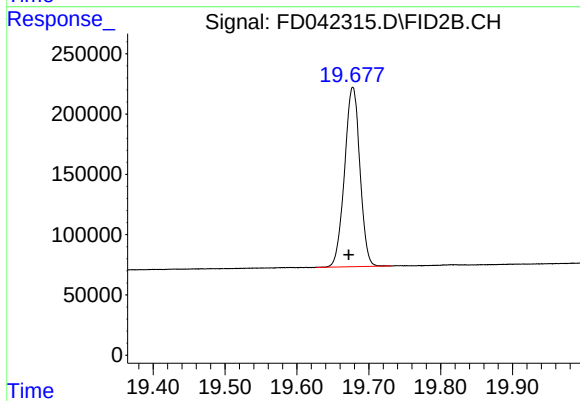
#18 n-Dotriacontane (C32)

R.T.: 18.163 min
Delta R.T.: 0.006 min
Response: 2427089
Conc: 17.16 ug/ml



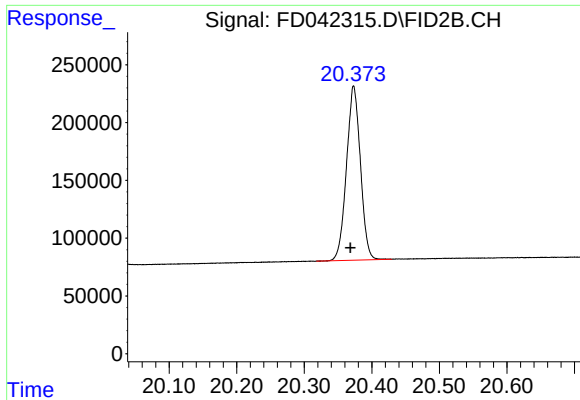
#19 n-Tetratriacontane (C34)

R.T.: 18.941 min
Delta R.T.: 0.004 min
Response: 2302635
Conc: 17.89 ug/ml



#20 n-Hexatriacontane (C36)

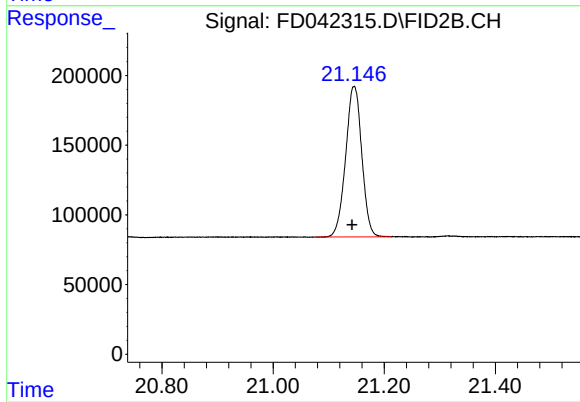
R.T.: 19.678 min
Delta R.T.: 0.006 min
Response: 2205117
Conc: 19.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.373 min
Delta R.T.: 0.005 min
Response: 2156965
Conc: 21.62 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.146 min
Delta R.T.: 0.004 min
Response: 2179121
Conc: 24.16 ug/ml