

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051722AL\
 Data File : FD042507.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 14:42
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2022
 Supervised By :mohammad ahmed 05/18/2022

Integration File: sample.E
 Quant Time: May 17 23:37:46 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)	11.205	3348634	19.967 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.644	2595171	19.667 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T n-Nonane (C9)	3.082	3018476	22.145 ug/ml
2) T n-Decane (C10)	4.124	3008185	22.447 ug/ml
3) T A~Naphthalene (C11.7)	5.674	3130620	21.597 ug/ml
4) T n-Dodecane (C12)	6.116	3136332	22.030 ug/ml
5) T A~2-methylnaphthalene...	6.719	3182453	22.837 ug/ml
6) T n-Tetradecane (C14)	7.892	3143361	22.067 ug/ml
7) T n-Hexadecane (C16)	9.477	3160258	21.747 ug/ml
8) T n-Octadecane (C18)	10.907	3166120	21.125 ug/ml
10) T n-Eicosane (C20)	12.206	3093479	20.211 ug/ml
11) T n-Heneicosane (C21)	12.814	3050085	19.784 ug/ml
13) T n-Docosane (C22)	13.396	3075787	19.954 ug/ml
14) T n-Tetracosane (C24)	14.491	3079817	19.914 ug/ml
15) T n-Hexacosane (C26)	15.506	3016683	19.612 ug/ml
16) T n-Octacosane (C28)	16.449	3019059	19.746 ug/ml
17) T n-Tricontane (C30)	17.332	2986473	19.910 ug/ml
18) T n-Dotriacontane (C32)	18.159	2804907	19.837 ug/ml
19) T n-Tetratriacontane (C34)	18.939	2592754	20.147 ug/ml
20) T n-Hexatriacontane (C36)	19.675	2343766	20.712 ug/mlm
21) T n-Octatriacontane (C38)	20.372	2206065	22.110 ug/mlm
22) T n-Tetracontane (C40)	21.143	2109676	23.389 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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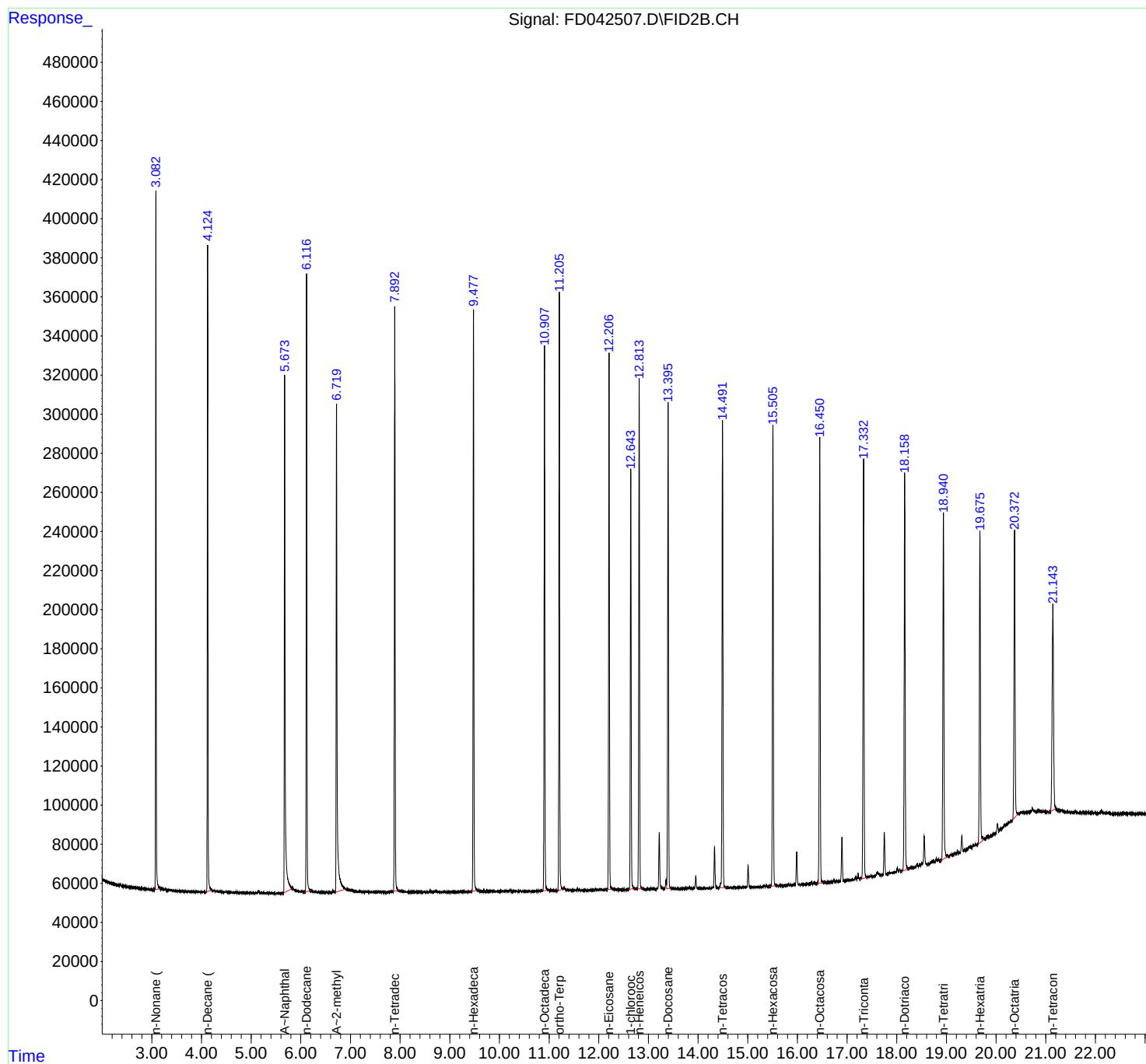
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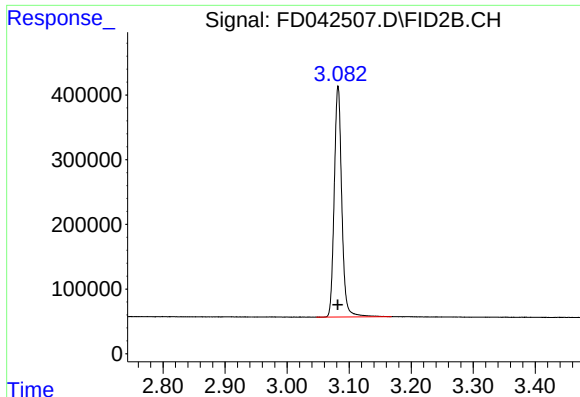
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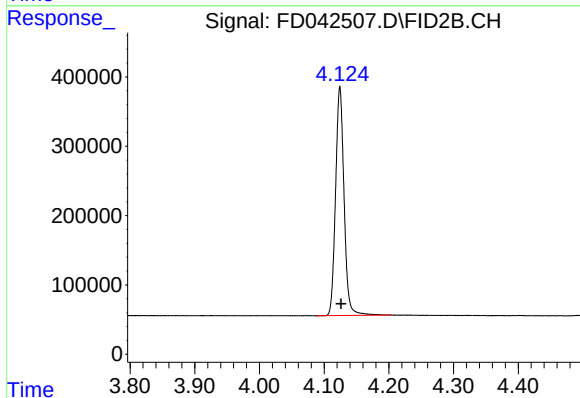
#1 n-Nonane (C9)

R.T.: 3.082 min
Delta R.T.: 0.000 min
Response: 3018476
Conc: 22.15 ug/ml

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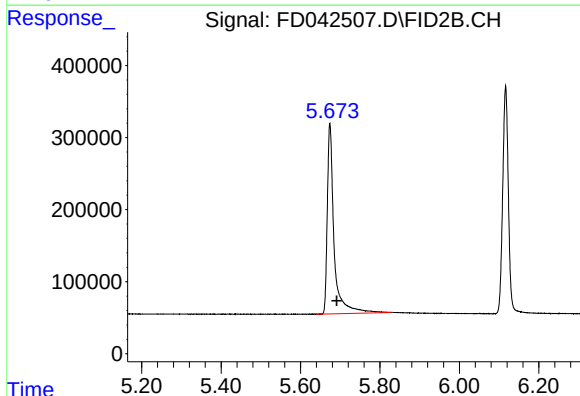
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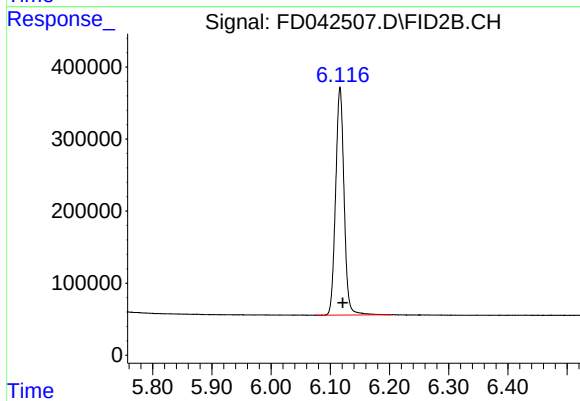
#2 n-Decane (C10)

R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 3008185
Conc: 22.45 ug/ml



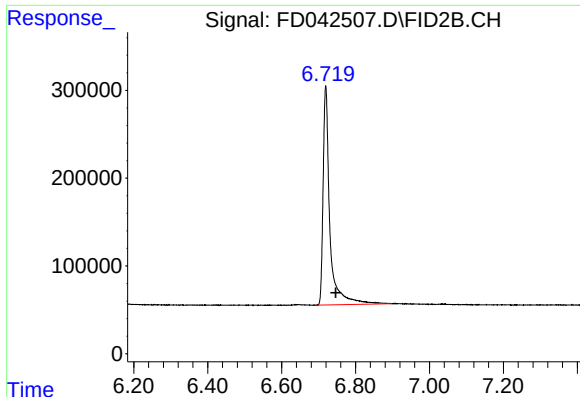
#3 A~Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.017 min
Response: 3130620
Conc: 21.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.116 min
Delta R.T.: -0.005 min
Response: 3136332
Conc: 22.03 ug/ml



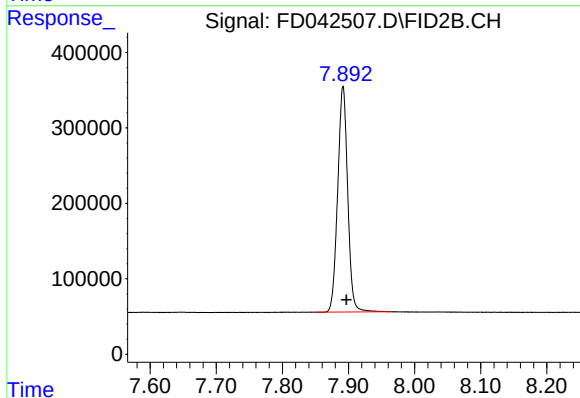
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.027 min
Response: 3182453
Conc: 22.84 ug/ml

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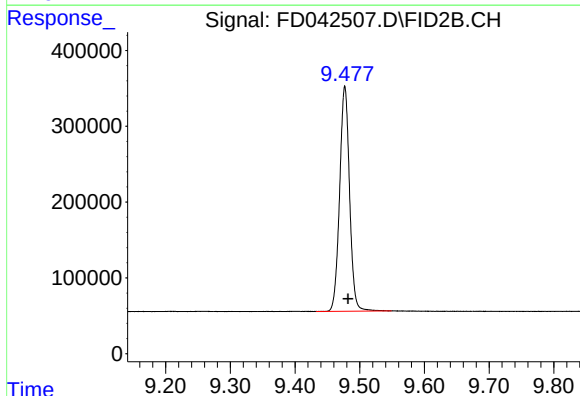
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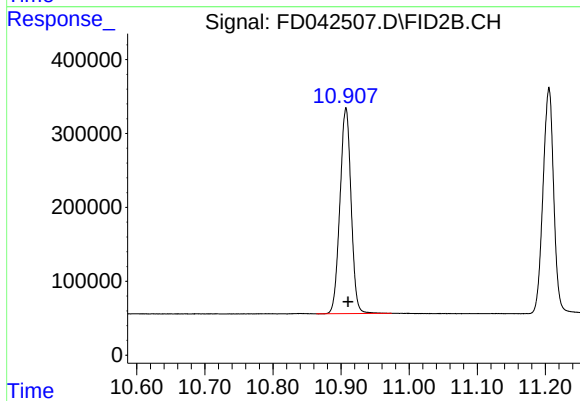
#6 n-Tetradecane (C14)

R.T.: 7.892 min
Delta R.T.: -0.005 min
Response: 3143361
Conc: 22.07 ug/ml



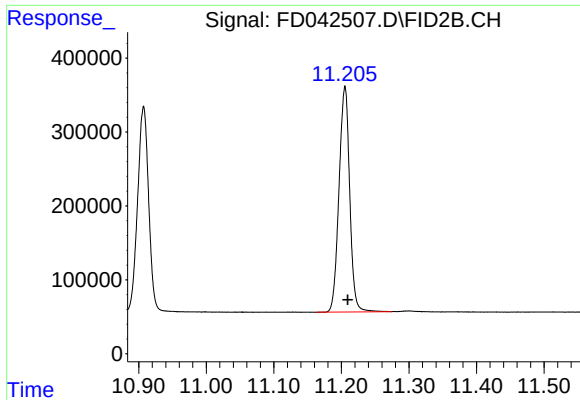
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: -0.005 min
Response: 3160258
Conc: 21.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.907 min
Delta R.T.: -0.003 min
Response: 3166120
Conc: 21.13 ug/ml



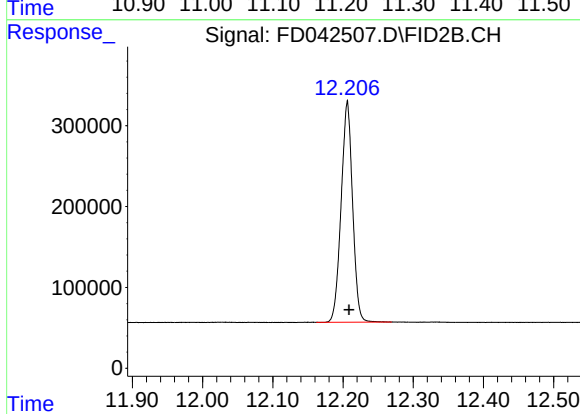
#9 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.004 min
Response: 3348634
Conc: 19.97 ug/ml

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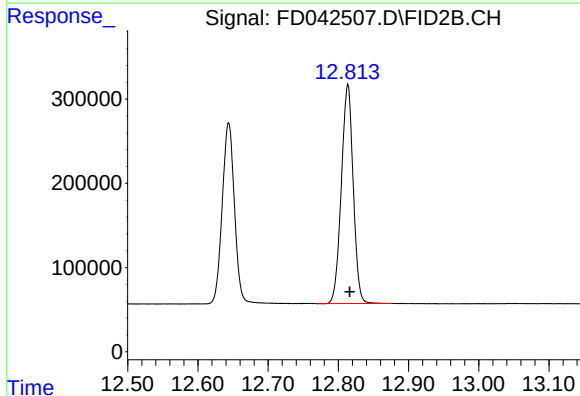
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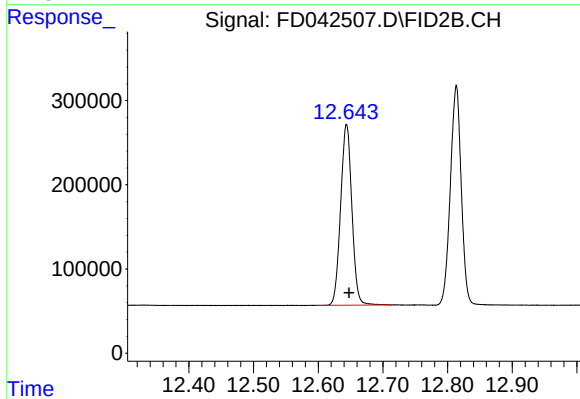
#10 n-Eicosane (C20)

R.T.: 12.206 min
Delta R.T.: -0.002 min
Response: 3093479
Conc: 20.21 ug/ml



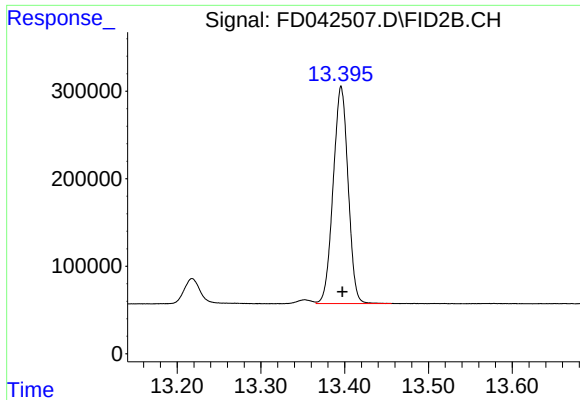
#11 n-Heneicosane (C21)

R.T.: 12.814 min
Delta R.T.: -0.003 min
Response: 3050085
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.644 min
Delta R.T.: -0.004 min
Response: 2595171
Conc: 19.67 ug/ml



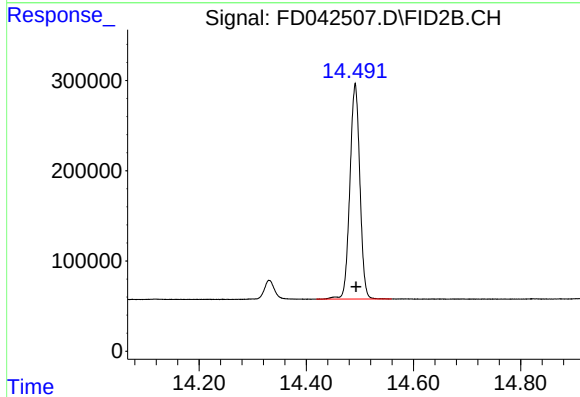
#13 n-Docosane (C22)

R.T.: 13.396 min
Delta R.T.: -0.002 min
Response: 3075787
Conc: 19.95 ug/ml

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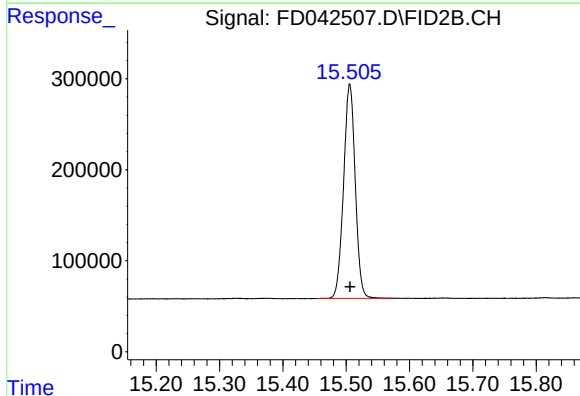
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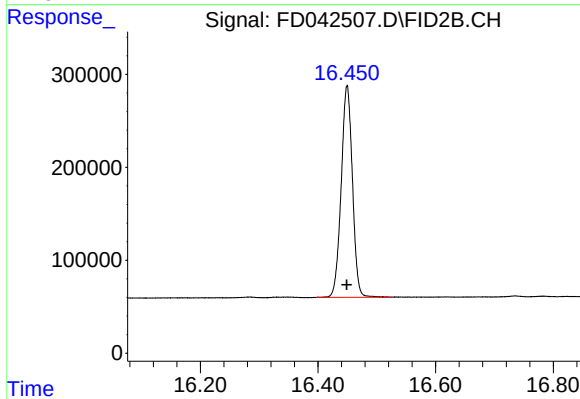
#14 n-Tetracosane (C24)

R.T.: 14.491 min
Delta R.T.: -0.002 min
Response: 3079817
Conc: 19.91 ug/ml



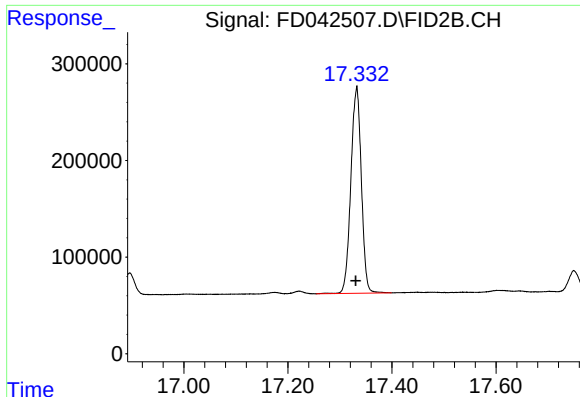
#15 n-Hexacosane (C26)

R.T.: 15.506 min
Delta R.T.: 0.000 min
Response: 3016683
Conc: 19.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 3019059
Conc: 19.75 ug/ml



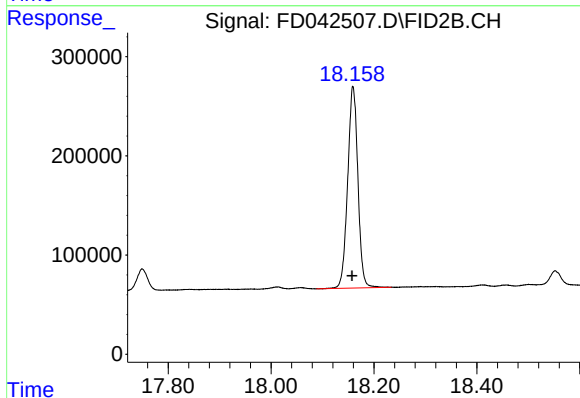
#17 n-Tricontane (C30)

R.T.: 17.332 min
Delta R.T.: 0.002 min
Response: 2986473
Conc: 19.91 ug/ml

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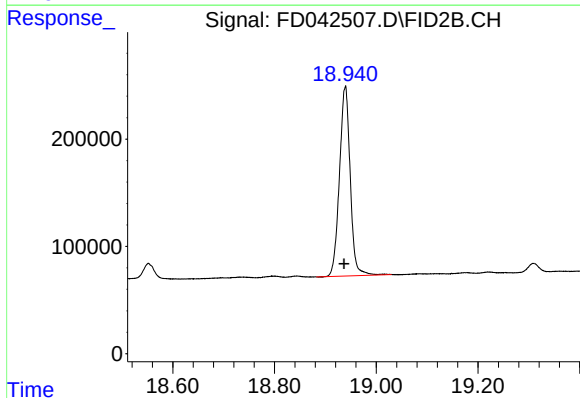
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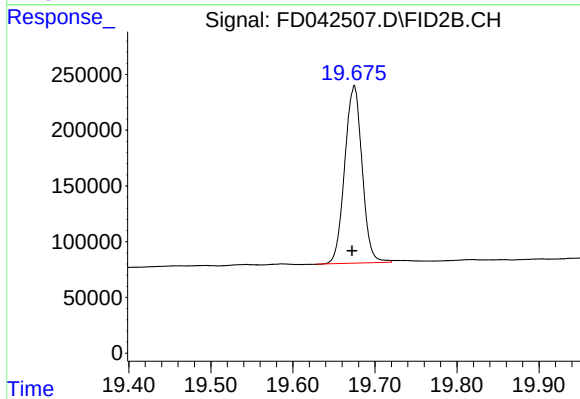
#18 n-Dotriacontane (C32)

R.T.: 18.159 min
Delta R.T.: 0.002 min
Response: 2804907
Conc: 19.84 ug/ml



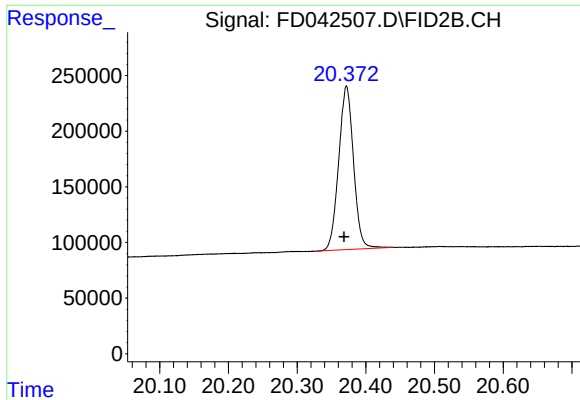
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min
Delta R.T.: 0.002 min
Response: 2592754
Conc: 20.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.675 min
Delta R.T.: 0.003 min
Response: 2343766
Conc: 20.71 ug/ml m



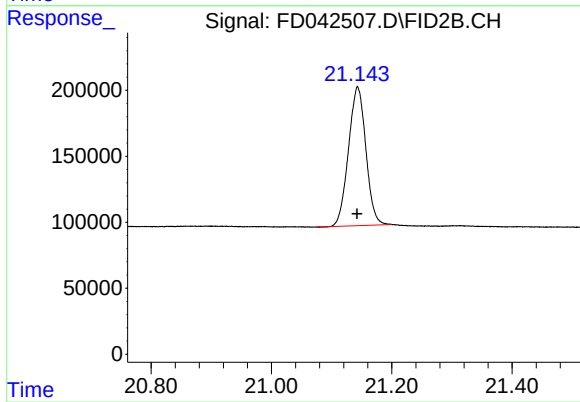
#21 n-Octatriacontane (C38)

R.T.: 20.372 min
Delta R.T.: 0.003 min
Response: 2206065
Conc: 22.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.143 min
Delta R.T.: 0.000 min
Response: 2109676
Conc: 23.39 ug/ml