

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AL\
 Data File : FD036515.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 5:15
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 3/24/2021 9:25:40 AM

Integration File: autoint1.e
 Quant Time: Mar 24 05:45:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 04:05:11 2021
 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)	11.494	3004303	20.276 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	12.925	2361118	20.288 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.295	2568720	20.208 ug/ml
2) T n-Decane (C10)	4.356	2607559	20.237 ug/ml
3) T A~Naphthalene (C11.7)	5.930	2955834	20.245 ug/ml
4) T n-Dodecane (C12)	6.366	2684843	20.253 ug/ml
5) T A~2-methylnaphthalene...	6.982	3034786	20.269 ug/ml
6) T n-Tetradecane (C14)	8.153	2737761	20.285 ug/ml
7) T n-Hexadecane (C16)	9.747	2702651	20.294 ug/ml
8) T n-Octadecane (C18)	11.181	2811551	20.297 ug/ml
10) T n-Eicosane (C20)	12.485	2807817	20.312 ug/ml
11) T n-Heneicosane (C21)	13.093	2789121	20.259 ug/ml
13) T n-Docosane (C22)	13.677	2757449	20.272 ug/ml
14) T n-Tetracosane (C24)	14.773	2684289	20.247 ug/ml
15) T n-Hexacosane (C26)	15.787	2559910	20.218 ug/ml
16) T n-Octacosane (C28)	16.731	2436133	20.200 ug/ml
17) T n-Tricontane (C30)	17.613	2302765	20.046 ug/ml
18) T n-Dotriacontane (C32)	18.439	2200083	20.003 ug/ml
19) T n-Tetratriacontane (C34)	19.218	2056802	20.027 ug/ml
20) T n-Hexatriacontane (C36)	19.951	1976201	20.847 ug/ml
21) T n-Octatriacontane (C38)	20.661	1873785	20.267 ug/ml
22) T n-Tetracontane (C40)	21.510	2116643	20.600 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 65 Sample Multiplier: 1

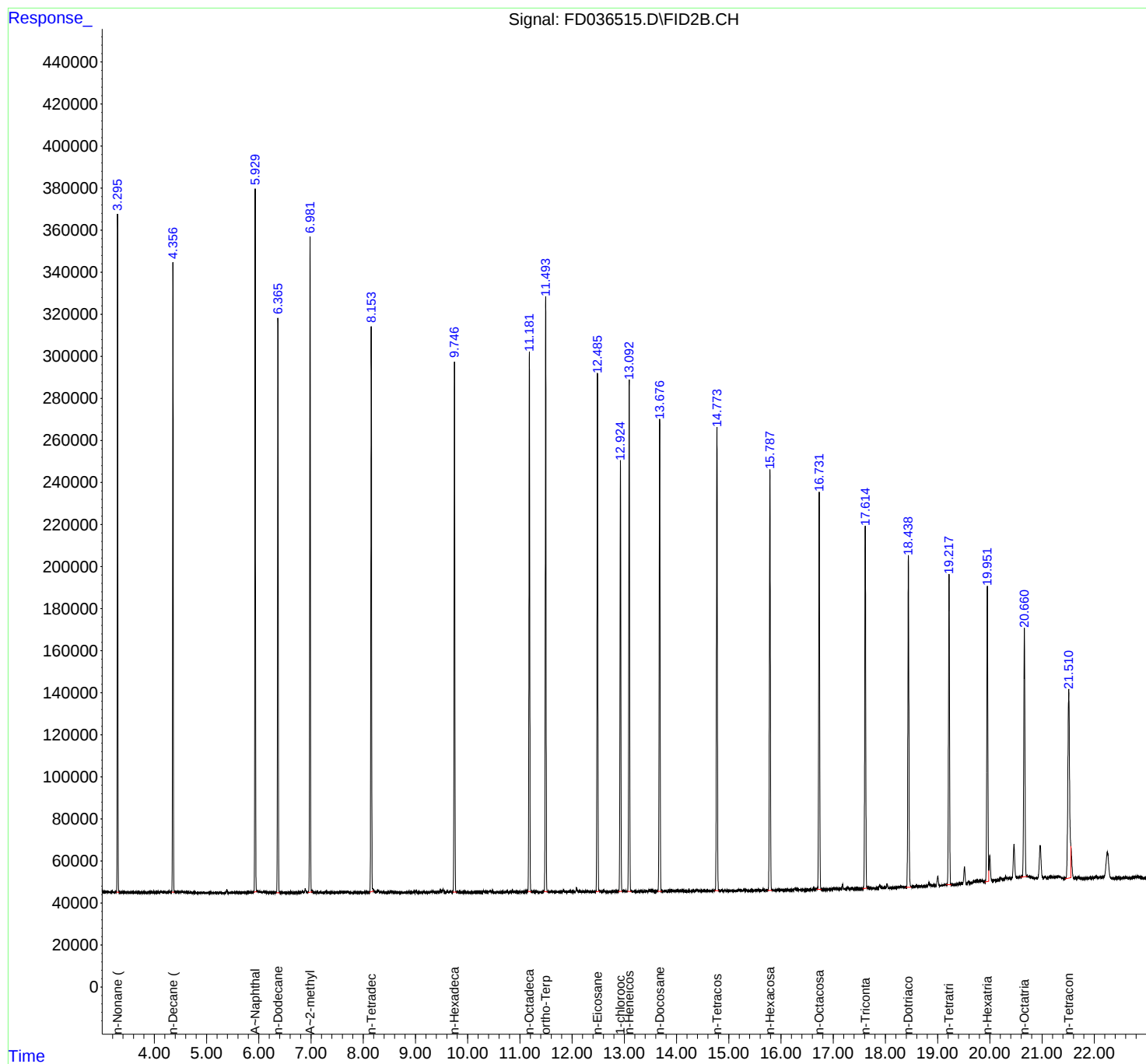
Instrument :
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20 PPM ALIPHATIC HC STD

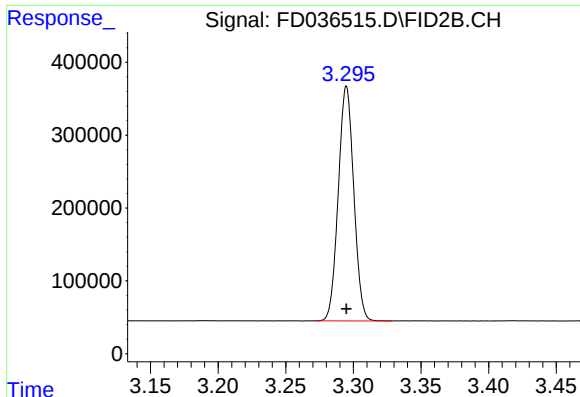
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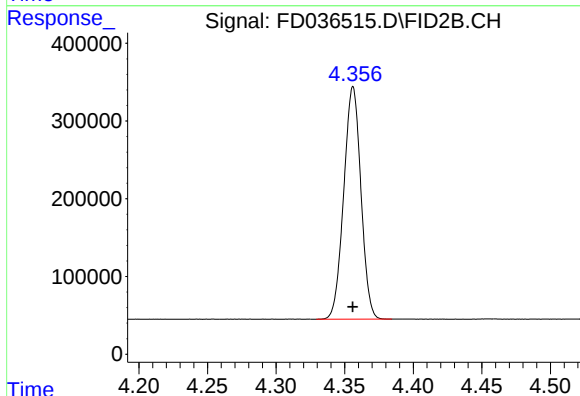
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 2568720
Conc: 20.21 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

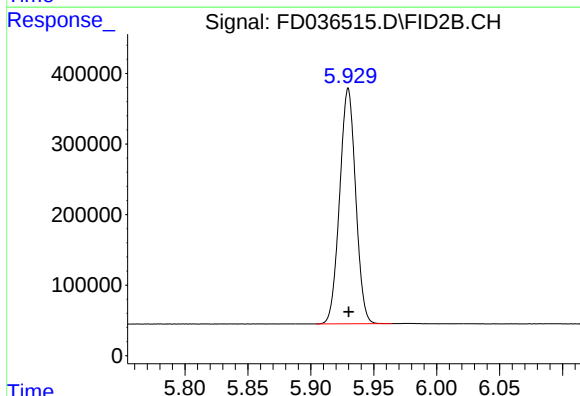
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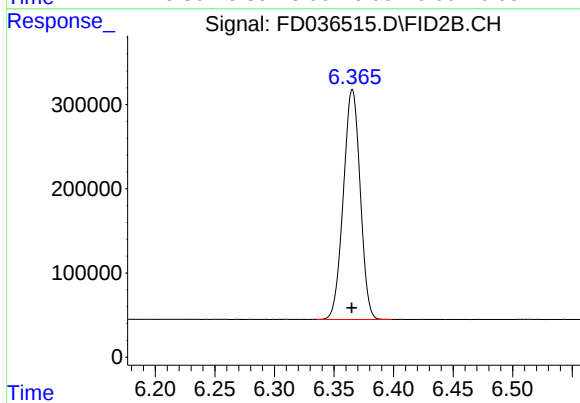
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 2607559
Conc: 20.24 ug/ml



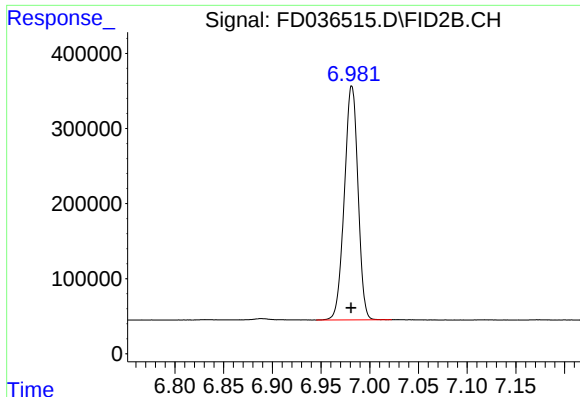
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 2955834
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 2684843
Conc: 20.25 ug/ml



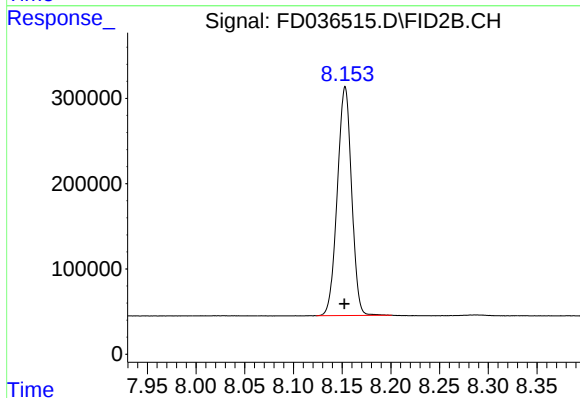
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 3034786
Conc: 20.27 ug/ml

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20 PPM ALIPHATIC HC STD

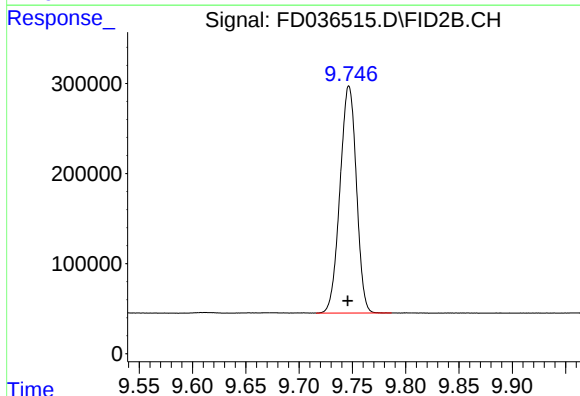
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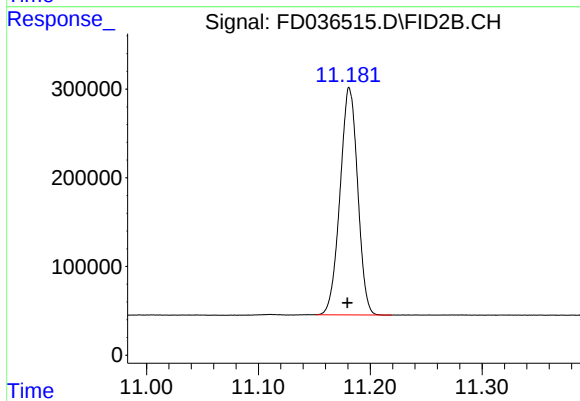
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 2737761
Conc: 20.28 ug/ml



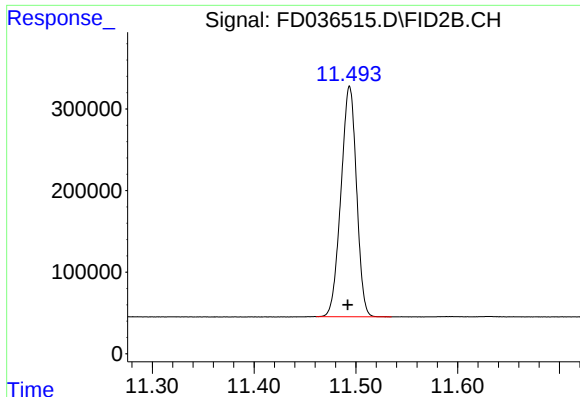
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.001 min
Response: 2702651
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: 0.002 min
Response: 2811551
Conc: 20.30 ug/ml



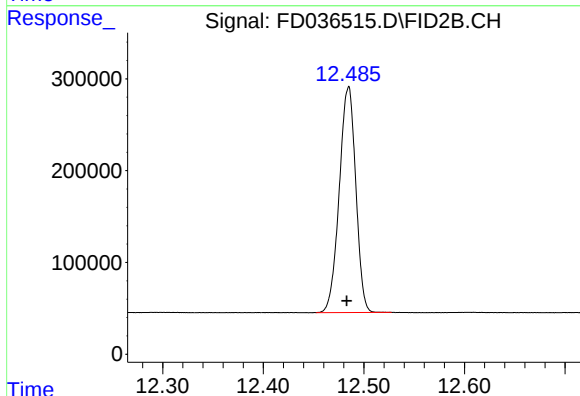
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.002 min
Response: 3004303
Conc: 20.28 ug/ml

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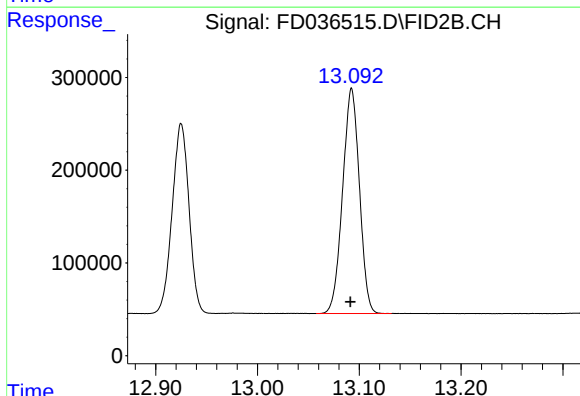
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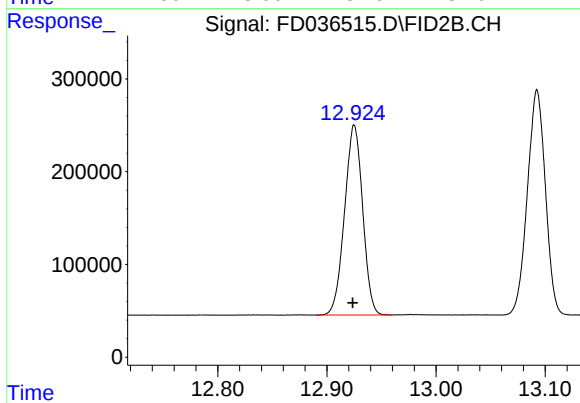
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: 0.002 min
Response: 2807817
Conc: 20.31 ug/ml



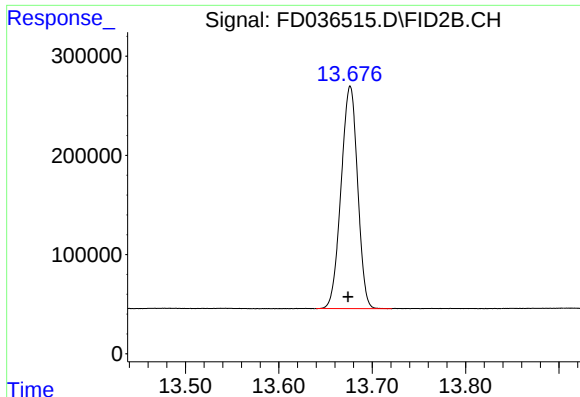
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.001 min
Response: 2789121
Conc: 20.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.001 min
Response: 2361118
Conc: 20.29 ug/ml



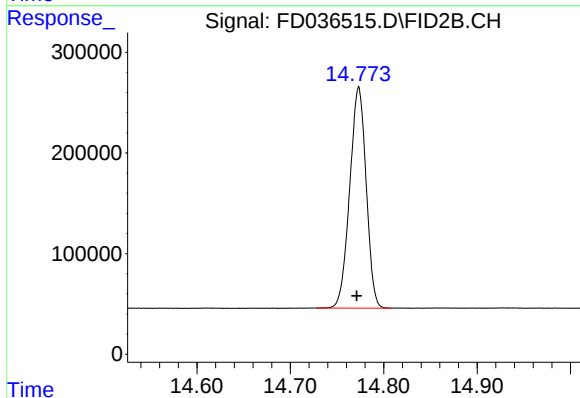
#13 n-Docosane (C22)

R.T.: 13.677 min
Delta R.T.: 0.002 min
Response: 2757449
Conc: 20.27 ug/ml

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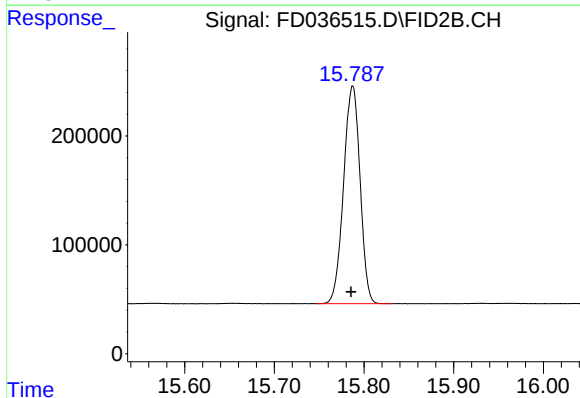
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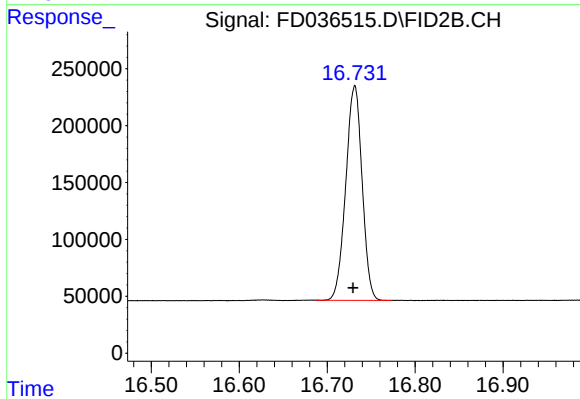
#14 n-Tetracosane (C24)

R.T.: 14.773 min
Delta R.T.: 0.002 min
Response: 2684289
Conc: 20.25 ug/ml



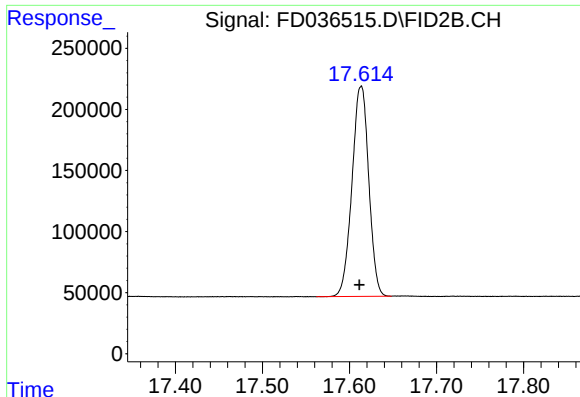
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.002 min
Response: 2559910
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.731 min
Delta R.T.: 0.002 min
Response: 2436133
Conc: 20.20 ug/ml



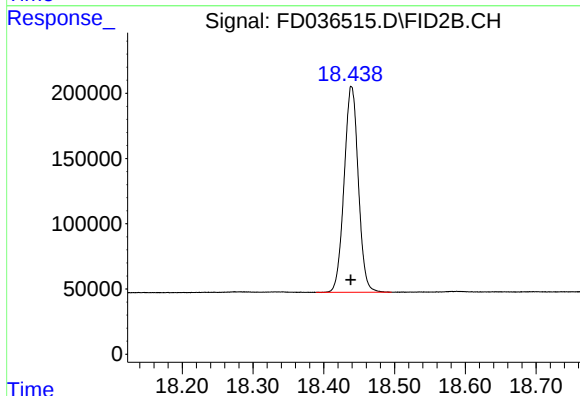
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.002 min
Response: 2302765
Conc: 20.05 ug/ml

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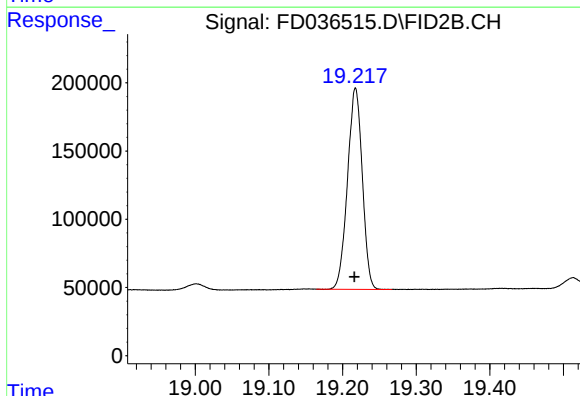
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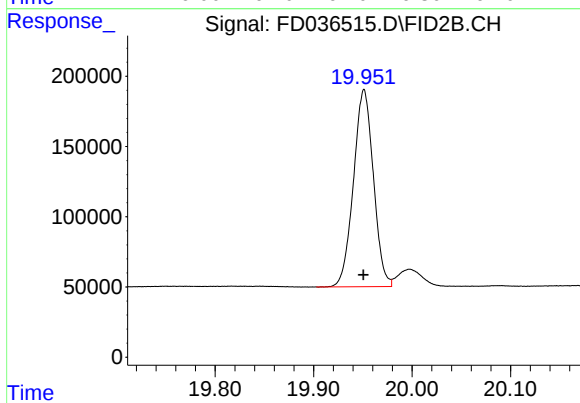
#18 n-Dotriacontane (C32)

R.T.: 18.439 min
Delta R.T.: 0.001 min
Response: 2200083
Conc: 20.00 ug/ml



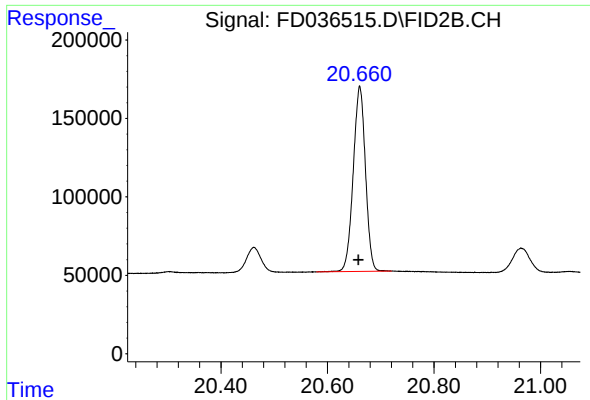
#19 n-Tetratriacontane (C34)

R.T.: 19.218 min
Delta R.T.: 0.001 min
Response: 2056802
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.951 min
Delta R.T.: 0.000 min
Response: 1976201
Conc: 20.85 ug/ml



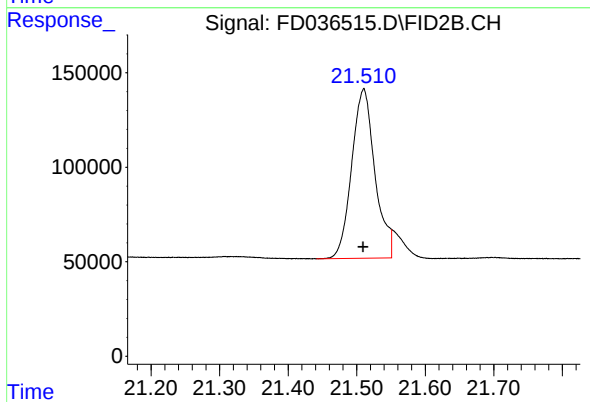
#21 n-Octatriacontane (C38)

R.T.: 20.661 min
Delta R.T.: 0.002 min
Response: 1873785
Conc: 20.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.510 min
Delta R.T.: 0.001 min
Response: 2116643
Conc: 20.60 ug/ml m