

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032621AL\
 Data File : FD036588.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2021 4:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 27 05:31:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.493	2980121	20.112 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
12) S 1-chlorooctadecane (S...	12.925	2305261	19.808 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.294	2641050	20.777 ug/ml
2) T n-Decane (C10)	4.355	2683217	20.824 ug/ml
3) T A~Naphthalene (C11.7)	5.928	3010337	20.618 ug/ml
4) T n-Dodecane (C12)	6.365	2751350	20.755 ug/ml
5) T A~2-methylnaphthalene...	6.980	3075915	20.544 ug/ml
6) T n-Tetradecane (C14)	8.153	2769948	20.379 ug/ml
7) T n-Hexadecane (C16)	9.746	2722212	20.441 ug/ml
8) T n-Octadecane (C18)	11.181	2807604	20.269 ug/ml
10) T n-Eicosane (C20)	12.484	2756854	19.943 ug/ml
11) T n-Heneicosane (C21)	13.092	2714556	19.717 ug/ml
13) T n-Docosane (C22)	13.676	2669096	19.622 ug/ml
14) T n-Tetracosane (C24)	14.772	2567850	19.368 ug/ml
15) T n-Hexacosane (C26)	15.787	2428348	19.179 ug/ml
16) T n-Octacosane (C28)	16.730	2312462	19.174 ug/ml
17) T n-Tricontane (C30)	17.612	2214443	19.277 ug/ml
18) T n-Dotriacontane (C32)	18.439	2110143	19.185 ug/ml
19) T n-Tetratriacontane (C34)	19.216	2026456	19.731 ug/ml
20) T n-Hexatriacontane (C36)	19.951	1939204	19.847 ug/ml
21) T n-Octatriacontane (C38)	20.659	1877475	20.307 ug/ml
22) T n-Tetracontane (C40)	21.507	1955151	19.384 ug/ml

(f)=RT Delta > 1/2 Window

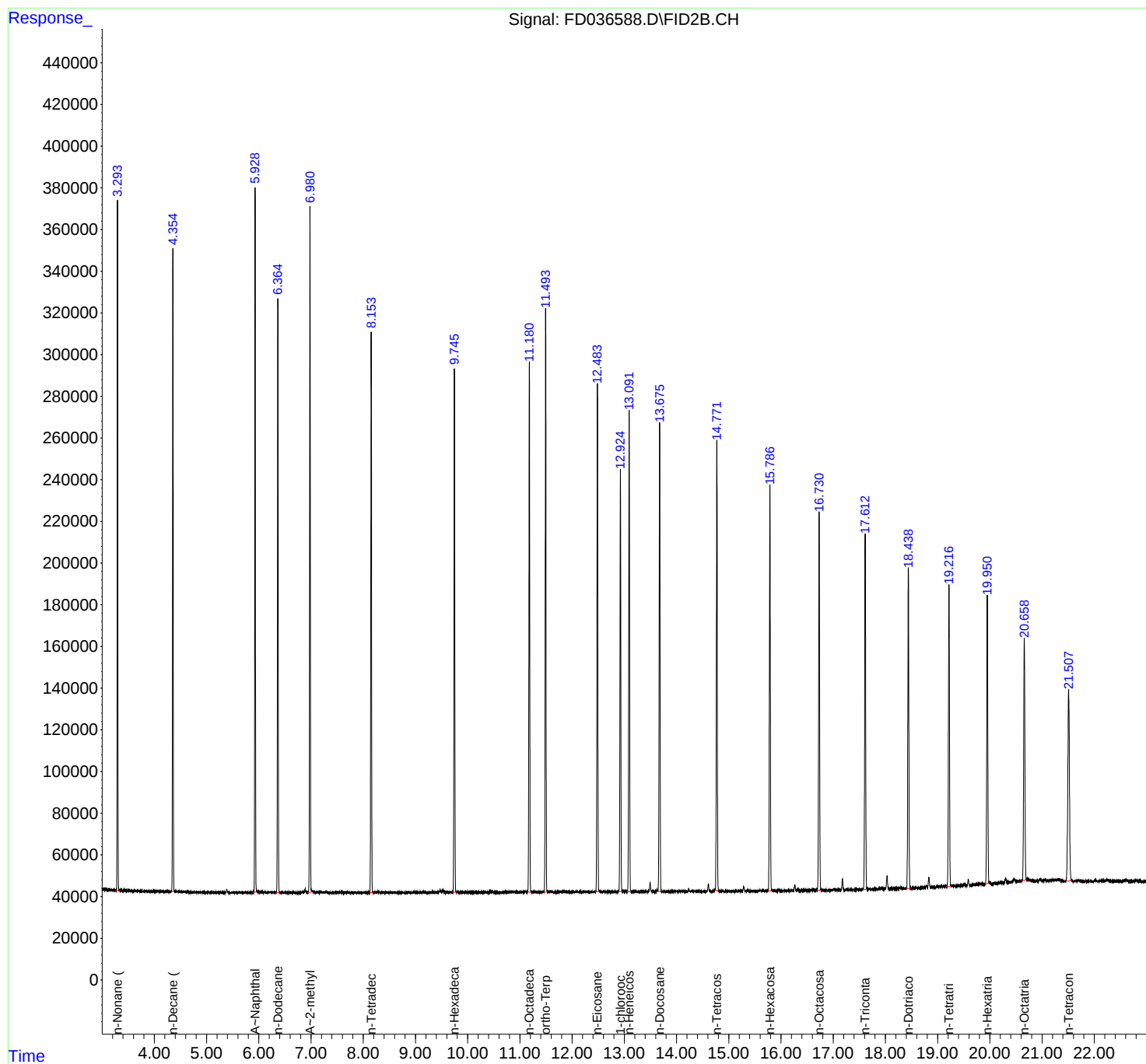
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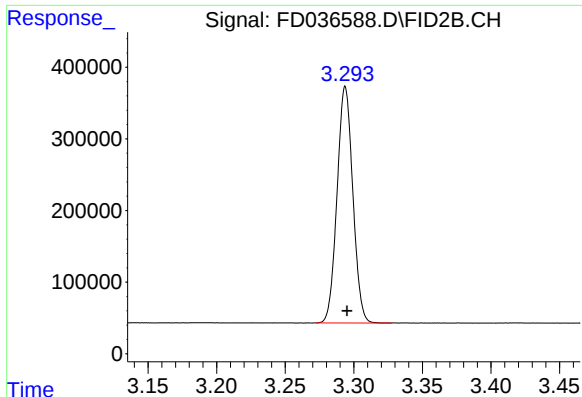
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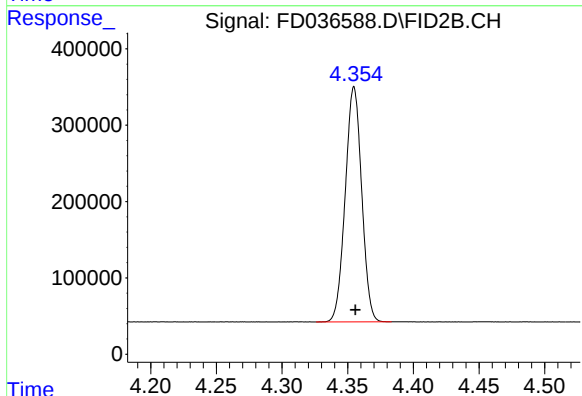




#1 n-Nonane (C9)

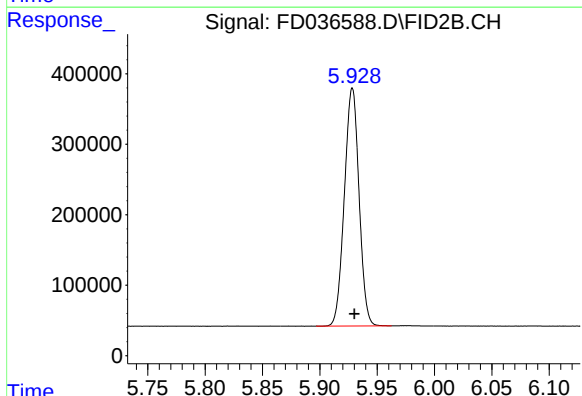
R.T.: 3.294 min
Delta R.T.: -0.001 min
Response: 2641050
Conc: 20.78 ug/ml

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20 PPM ALIPHATIC HC STD



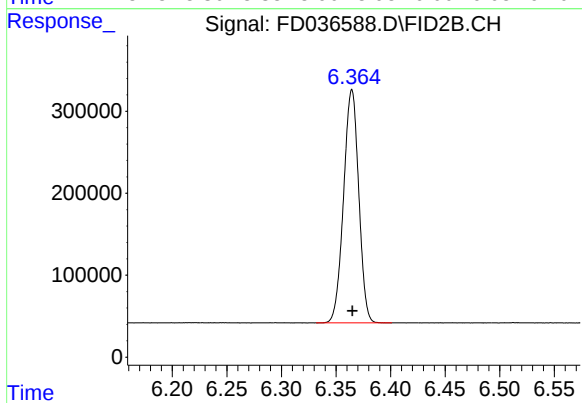
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 2683217
Conc: 20.82 ug/ml



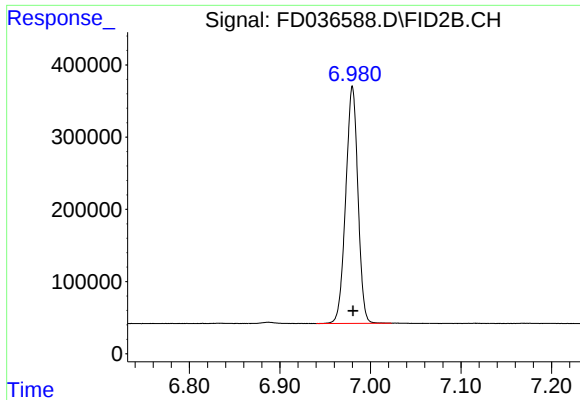
#3 A~Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 3010337
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

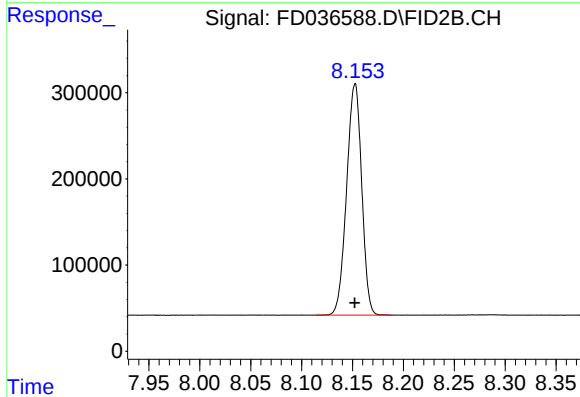
R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 2751350
Conc: 20.76 ug/ml



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

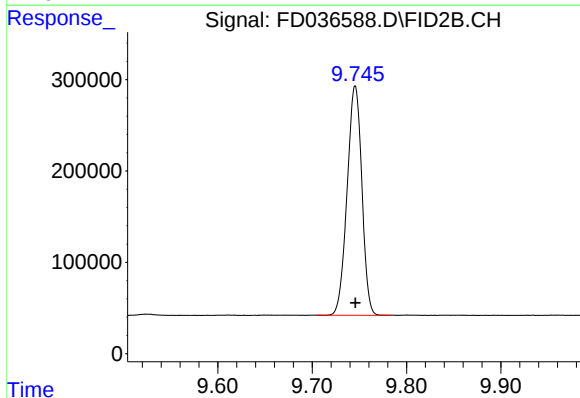
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 3075915
Conc: 20.54 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



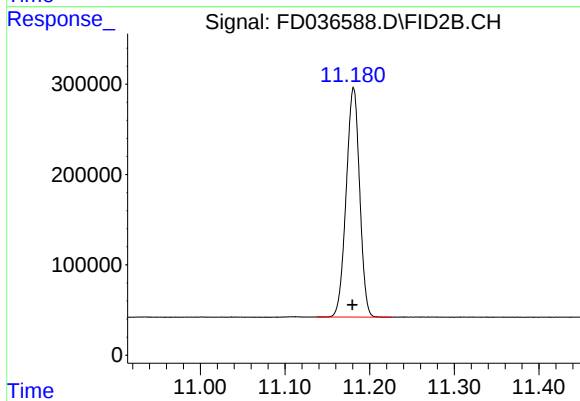
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 2769948
Conc: 20.38 ug/ml



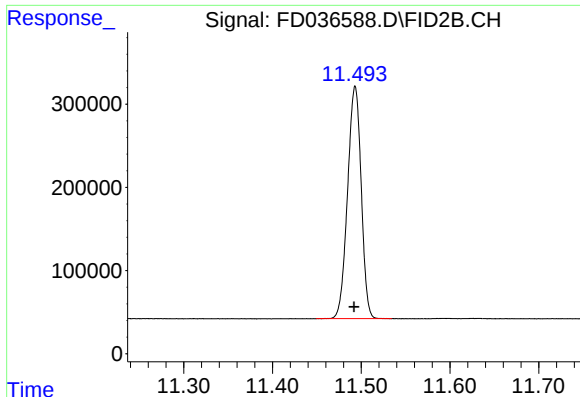
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: 0.000 min
Response: 2722212
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

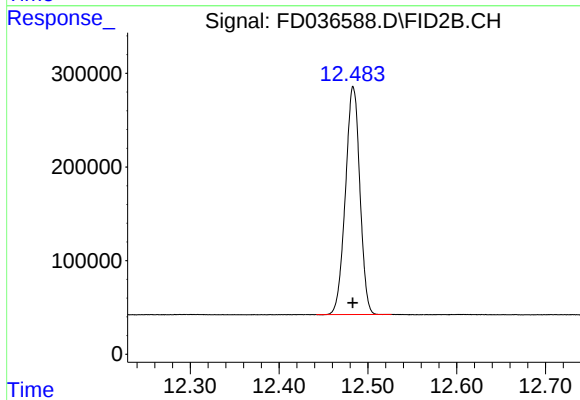
R.T.: 11.181 min
Delta R.T.: 0.001 min
Response: 2807604
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

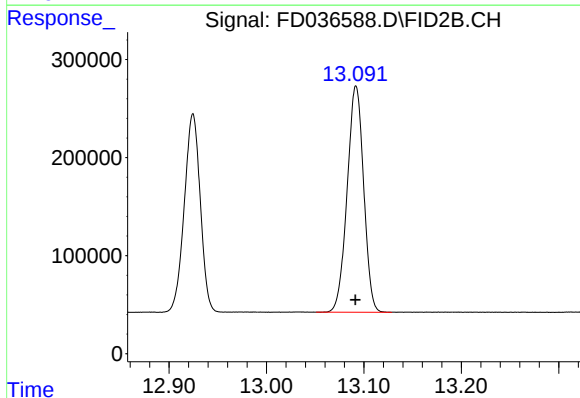
R.T.: 11.493 min
Delta R.T.: 0.001 min
Response: 2980121
Conc: 20.11 ug/ml

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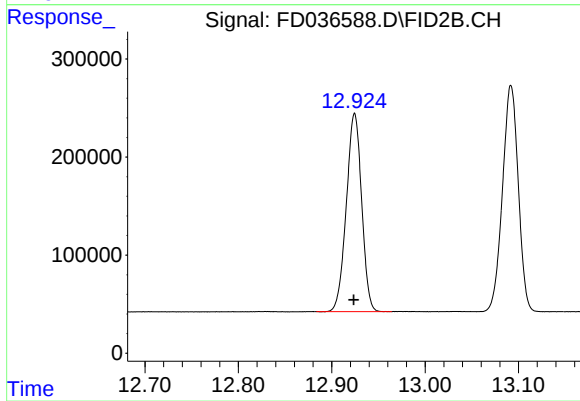
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.000 min
Response: 2756854
Conc: 19.94 ug/ml



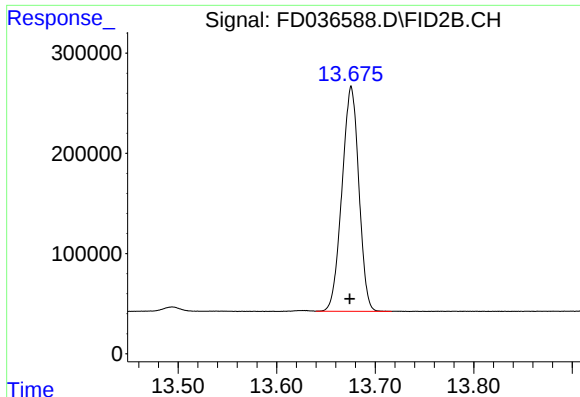
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.000 min
Response: 2714556
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

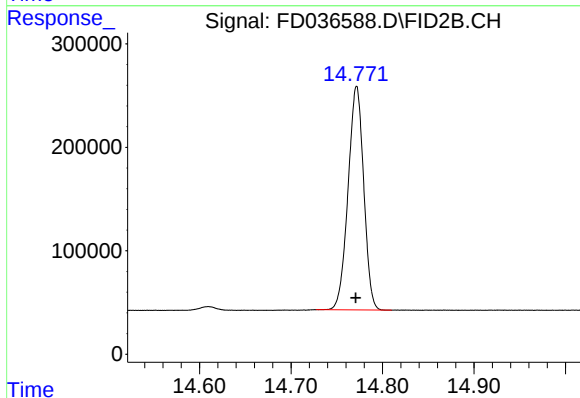
R.T.: 12.925 min
Delta R.T.: 0.000 min
Response: 2305261
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

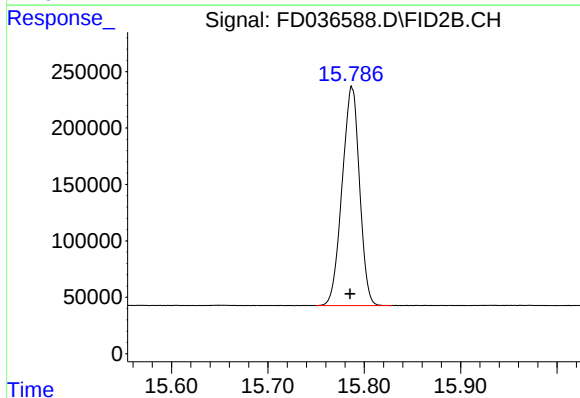
R.T.: 13.676 min
Delta R.T.: 0.002 min
Response: 2669096
Conc: 19.62 ug/ml

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20 PPM ALIPHATIC HC STD



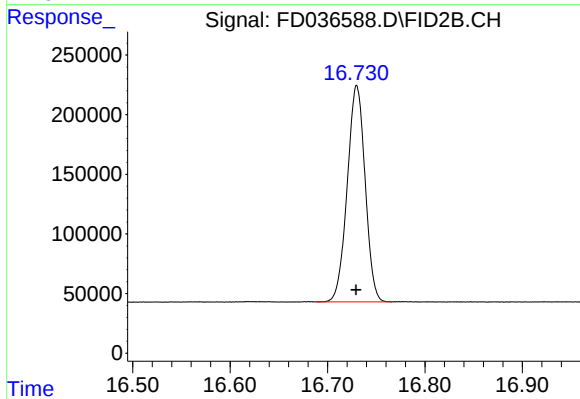
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.000 min
Response: 2567850
Conc: 19.37 ug/ml



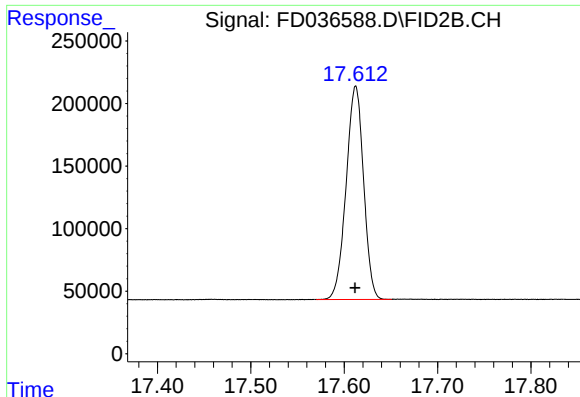
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.002 min
Response: 2428348
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

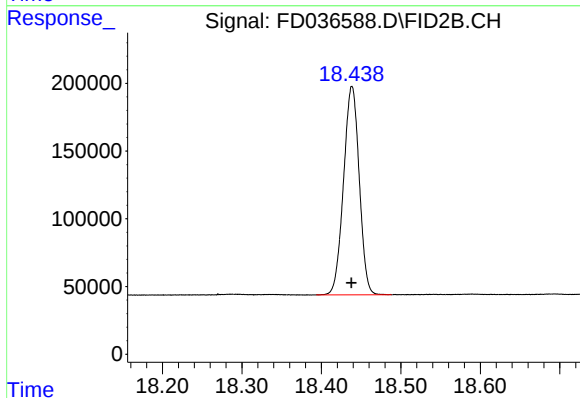
R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 2312462
Conc: 19.17 ug/ml



#17 n-Tricontane (C30)

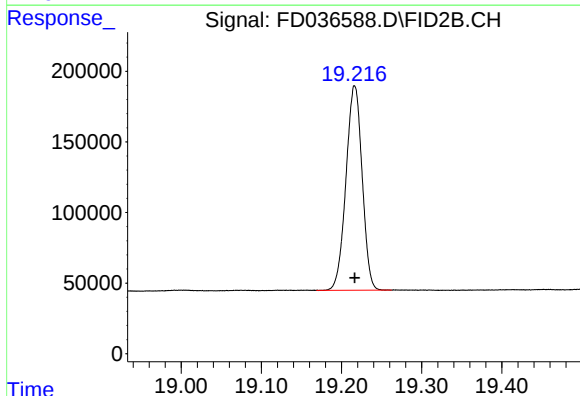
R.T.: 17.612 min
Delta R.T.: 0.000 min
Response: 2214443
Conc: 19.28 ug/ml

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20 PPM ALIPHATIC HC STD



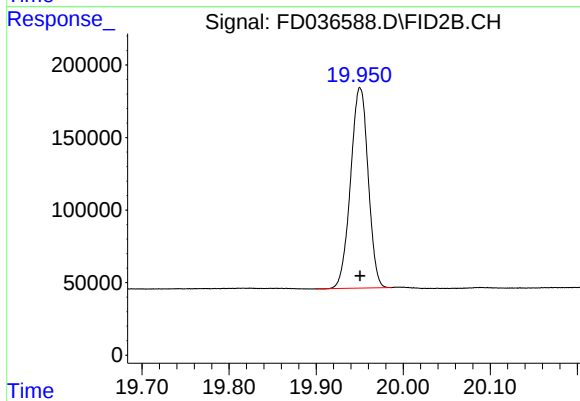
#18 n-Dotriacontane (C32)

R.T.: 18.439 min
Delta R.T.: 0.000 min
Response: 2110143
Conc: 19.18 ug/ml



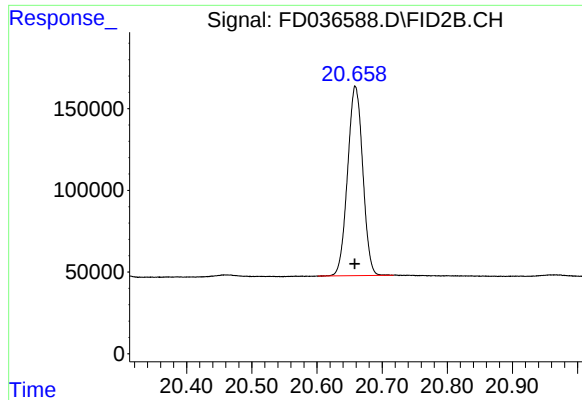
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: 0.000 min
Response: 2026456
Conc: 19.73 ug/ml



#20 n-Hexatriacontane (C36)

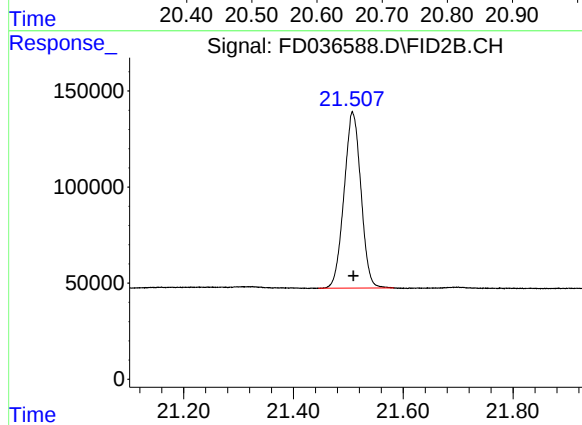
R.T.: 19.951 min
Delta R.T.: 0.000 min
Response: 1939204
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.659 min
Delta R.T.: 0.000 min
Response: 1877475
Conc: 20.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: -0.002 min
Response: 1955151
Conc: 19.38 ug/ml