

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050421AL\
 Data File : FD037342.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2021 10:15
 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: May 05 11:01:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.478	2243671	19.215 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
12) S 1-chlorooctadecane (S...	12.912	1688494	19.958 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.271	2403981	20.403 ug/ml
2) T n-Decane (C10)	4.332	2421058	20.415 ug/ml
3) T A~Naphthalene (C11.7)	5.908	2632876	20.063 ug/ml
4) T n-Dodecane (C12)	6.343	2421839	20.394 ug/ml
5) T A~2-methylnaphthalene...	6.962	2617878	19.965 ug/ml
6) T n-Tetradecane (C14)	8.133	2346253	20.269 ug/ml
7) T n-Hexadecane (C16)	9.729	2200347	20.014 ug/ml
8) T n-Octadecane (C18)	11.166	2158737	19.688 ug/ml
10) T n-Eicosane (C20)	12.470	2070241	19.517 ug/ml
11) T n-Heneicosane (C21)	13.080	2030470	19.327 ug/ml
13) T n-Docosane (C22)	13.664	1998842	19.444 ug/ml
14) T n-Tetracosane (C24)	14.763	1969053	19.439 ug/ml
15) T n-Hexacosane (C26)	15.778	1971124	20.182 ug/ml
16) T n-Octacosane (C28)	16.724	2001946	20.827 ug/ml
17) T n-Tricontane (C30)	17.608	2068621	21.510 ug/ml
18) T n-Dotriacontane (C32)	18.436	2089018	21.240 ug/ml
19) T n-Tetratriacontane (C34)	19.216	2059721	21.700 ug/ml
20) T n-Hexatriacontane (C36)	19.952	1943376	20.636 ug/ml
21) T n-Octatriacontane (C38)	20.662	1839429	21.365 ug/ml
22) T n-Tetracontane (C40)	21.514	1882566	19.621 ug/ml

(f)=RT Delta > 1/2 Window

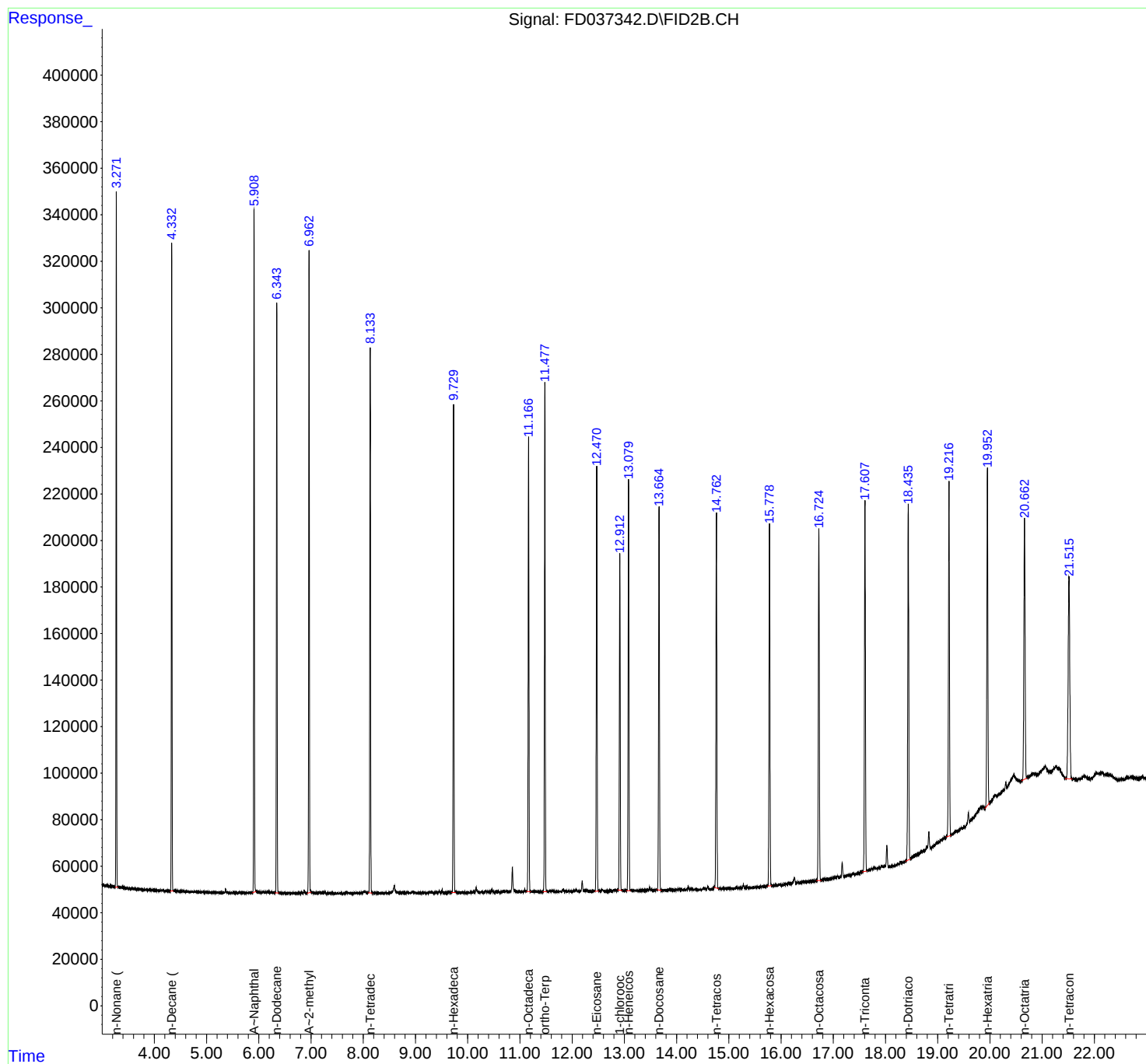
(m)=manual int.

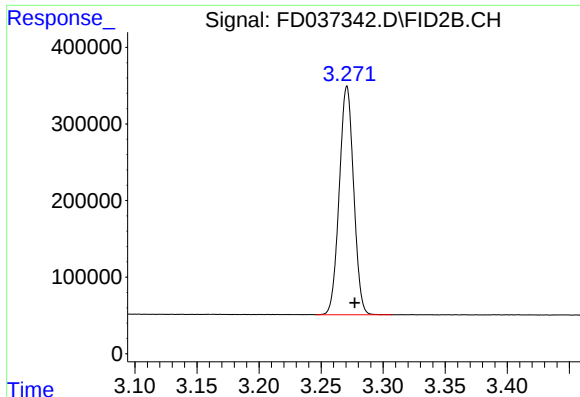
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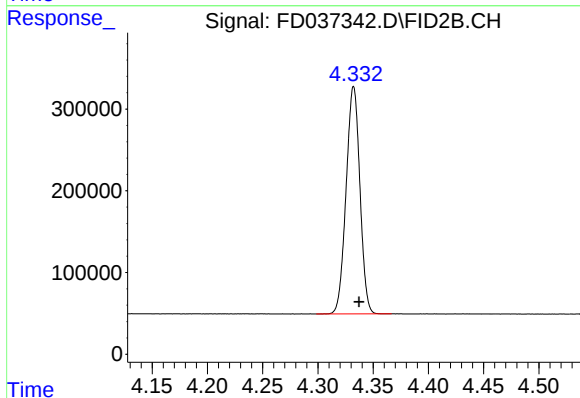




#1 n-Nonane (C9)

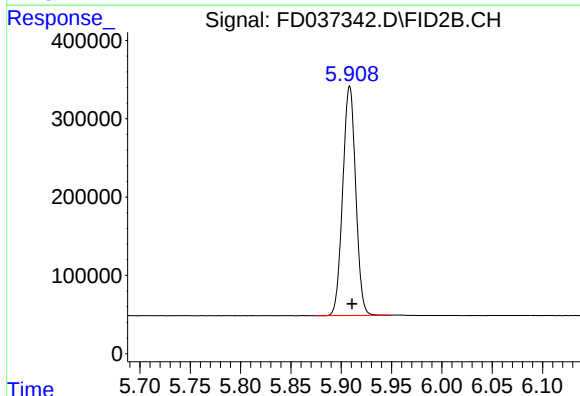
R.T.: 3.271 min
Delta R.T.: -0.006 min
Response: 2403981
Conc: 20.40 ug/ml

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20 PPM ALIPHATIC HC STD



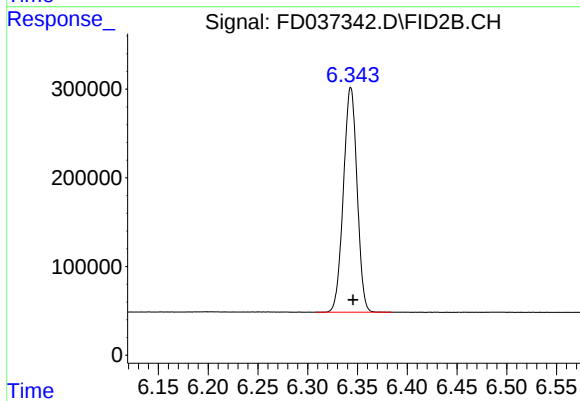
#2 n-Decane (C10)

R.T.: 4.332 min
Delta R.T.: -0.005 min
Response: 2421058
Conc: 20.41 ug/ml



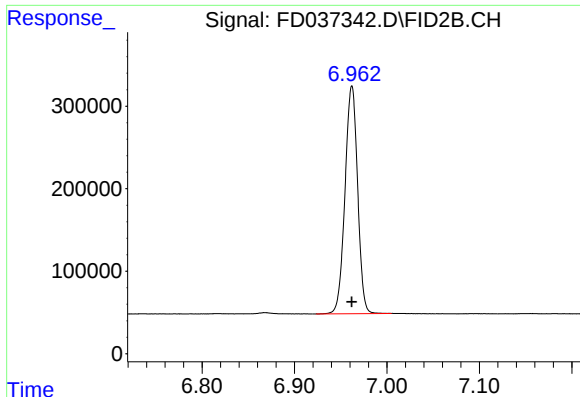
#3 A~Naphthalene (C11.7)

R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 2632876
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

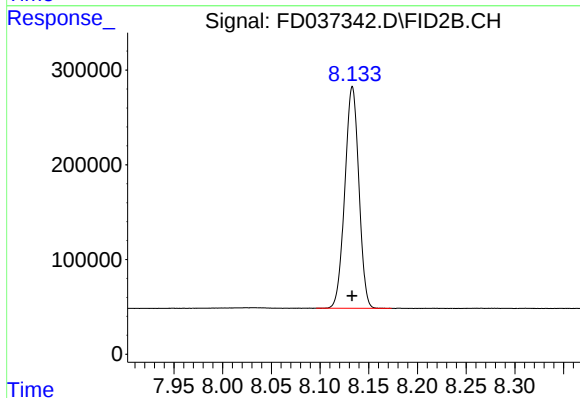
R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 2421839
Conc: 20.39 ug/ml



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

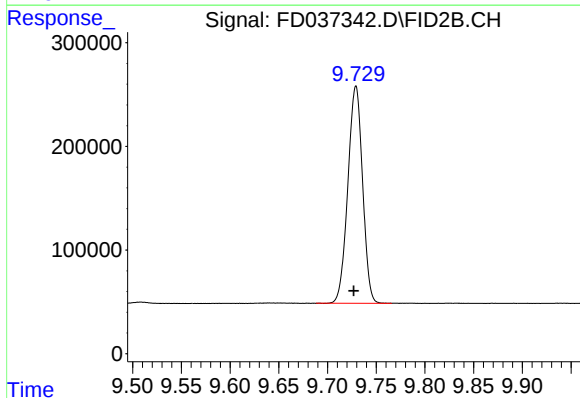
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2617878
Conc: 19.96 ug/ml

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20 PPM ALIPHATIC HC STD



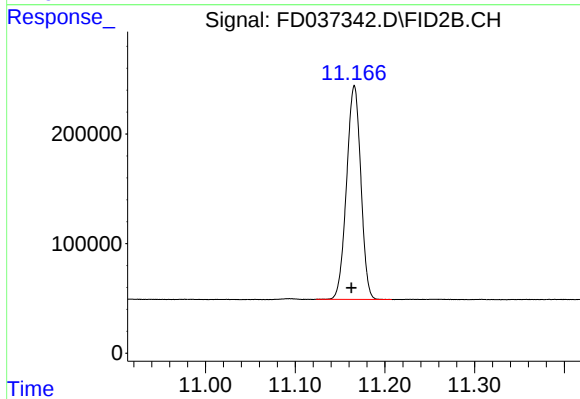
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 2346253
Conc: 20.27 ug/ml



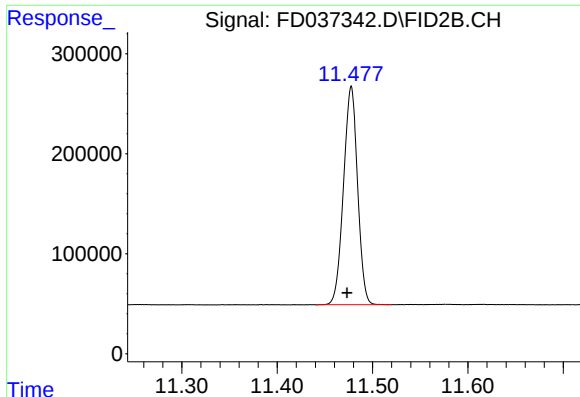
#7 n-Hexadecane (C16)

R.T.: 9.729 min
Delta R.T.: 0.002 min
Response: 2200347
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

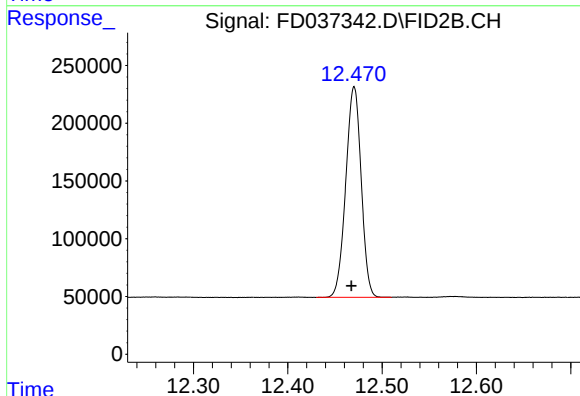
R.T.: 11.166 min
Delta R.T.: 0.003 min
Response: 2158737
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

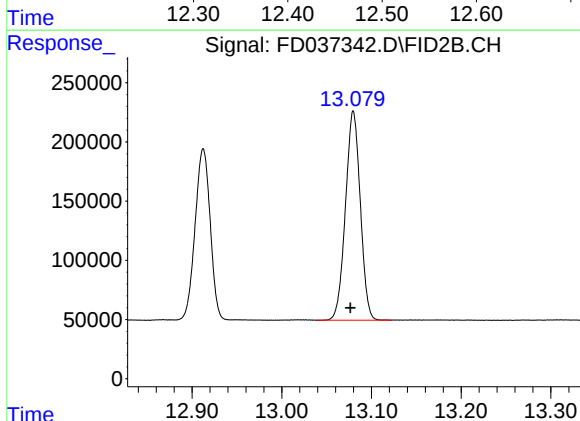
R.T.: 11.478 min
Delta R.T.: 0.004 min
Response: 2243671
Conc: 19.22 ug/ml

Instrument :
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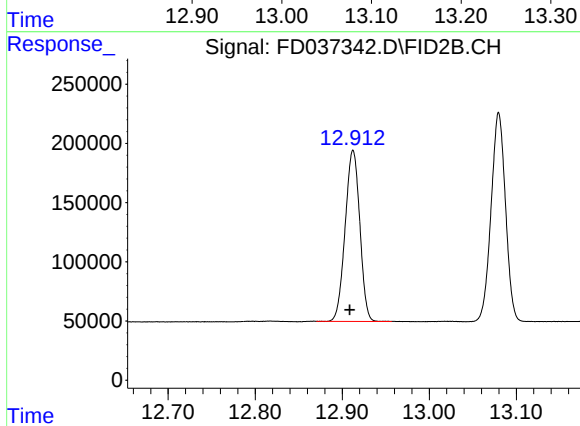
#10 n-Eicosane (C20)

R.T.: 12.470 min
Delta R.T.: 0.003 min
Response: 2070241
Conc: 19.52 ug/ml



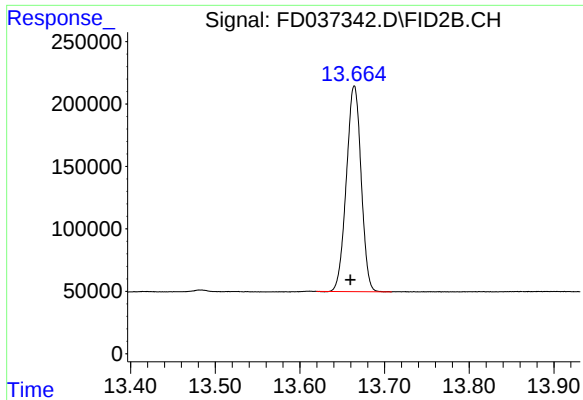
#11 n-Heneicosane (C21)

R.T.: 13.080 min
Delta R.T.: 0.003 min
Response: 2030470
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

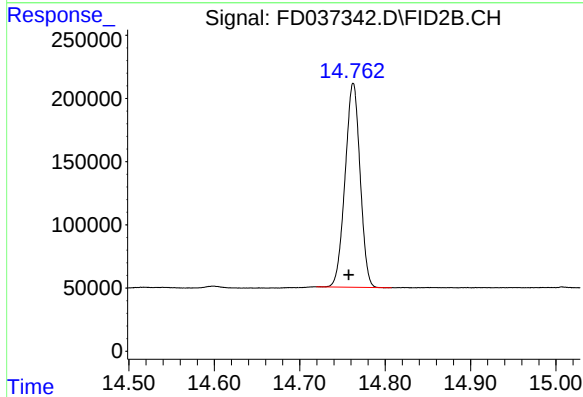
R.T.: 12.912 min
Delta R.T.: 0.004 min
Response: 1688494
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

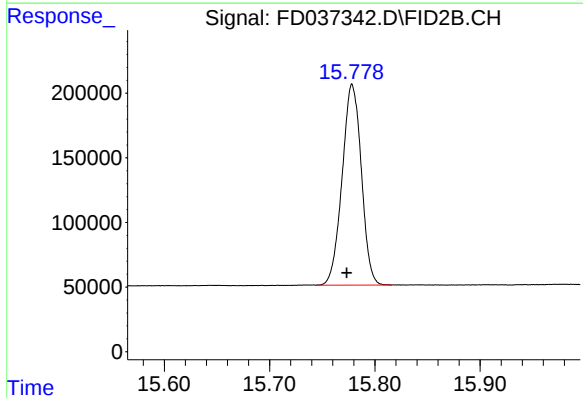
R.T.: 13.664 min
Delta R.T.: 0.005 min
Response: 1998842
Conc: 19.44 ug/ml

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20 PPM ALIPHATIC HC STD



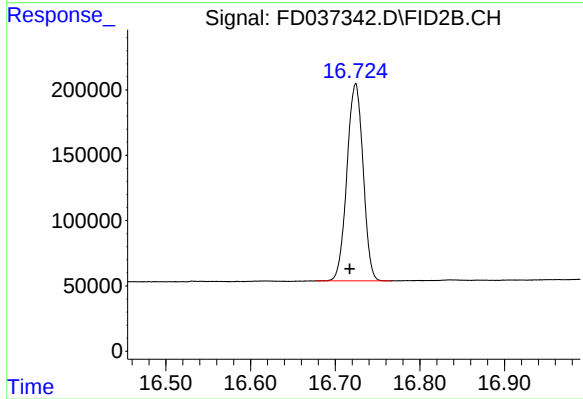
#14 n-Tetracosane (C24)

R.T.: 14.763 min
Delta R.T.: 0.005 min
Response: 1969053
Conc: 19.44 ug/ml



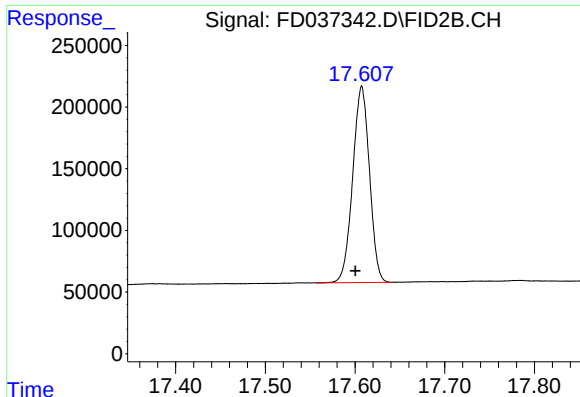
#15 n-Hexacosane (C26)

R.T.: 15.778 min
Delta R.T.: 0.005 min
Response: 1971124
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

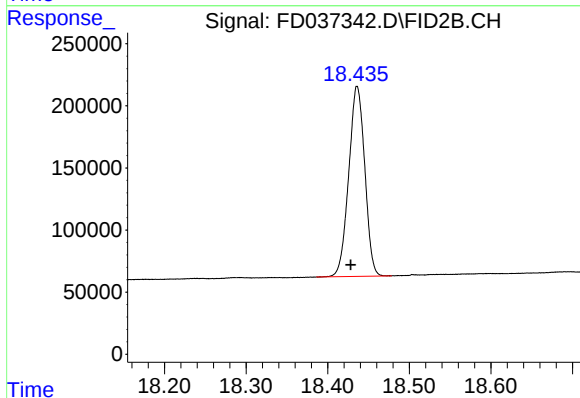
R.T.: 16.724 min
Delta R.T.: 0.007 min
Response: 2001946
Conc: 20.83 ug/ml



#17 n-Tricontane (C30)

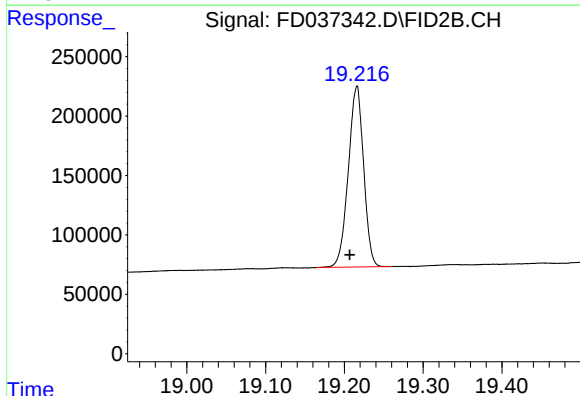
R.T.: 17.608 min
Delta R.T.: 0.007 min
Response: 2068621
Conc: 21.51 ug/ml

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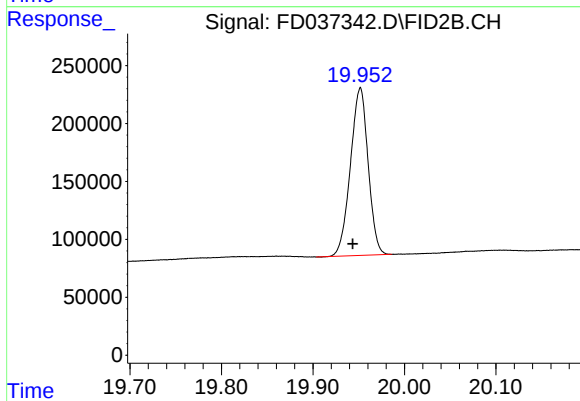
#18 n-Dotriacontane (C32)

R.T.: 18.436 min
Delta R.T.: 0.008 min
Response: 2089018
Conc: 21.24 ug/ml



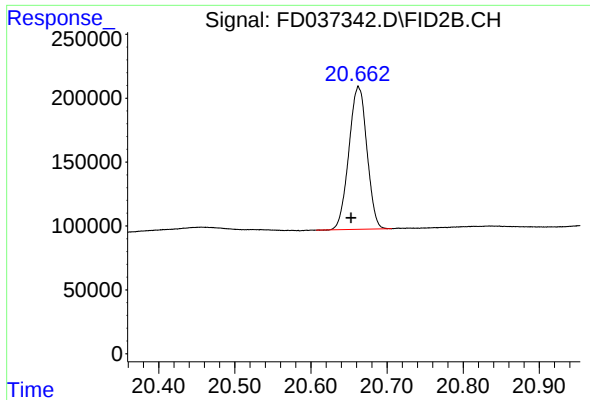
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: 0.009 min
Response: 2059721
Conc: 21.70 ug/ml



#20 n-Hexatriacontane (C36)

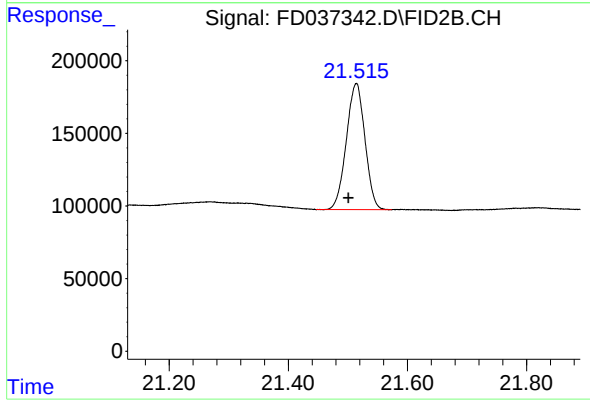
R.T.: 19.952 min
Delta R.T.: 0.008 min
Response: 1943376
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.662 min
Delta R.T.: 0.010 min
Response: 1839429
Conc: 21.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.514 min
Delta R.T.: 0.014 min
Response: 1882566
Conc: 19.62 ug/ml