

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060721AL\
 Data File : FD037762.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2021 9:13
 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: Jun 08 03:02:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.453	2385009	20.338 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
12) S 1-chlorooctadecane (S...	12.888	1832905	20.171 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.254	2172026	21.527 ug/ml
2) T n-Decane (C10)	4.315	2201988	21.703 ug/ml
3) T A~Naphthalene (C11.7)	5.890	2509356	22.037 ug/ml
4) T n-Dodecane (C12)	6.324	2269405	21.952 ug/ml
5) T A~2-methylnaphthalene...	6.942	2558414	22.099 ug/ml
6) T n-Tetradecane (C14)	8.112	2291118	21.983 ug/ml
7) T n-Hexadecane (C16)	9.706	2252041	21.825 ug/ml
8) T n-Octadecane (C18)	11.142	2309208	21.373 ug/ml
10) T n-Eicosane (C20)	12.446	2276479	20.888 ug/ml
11) T n-Heneicosane (C21)	13.055	2227380	20.460 ug/ml
13) T n-Docosane (C22)	13.639	2259353	20.798 ug/ml
14) T n-Tetracosane (C24)	14.736	2302382	21.249 ug/ml
15) T n-Hexacosane (C26)	15.753	2304950	21.639 ug/ml
16) T n-Octacosane (C28)	16.698	2347307	22.155 ug/ml
17) T n-Tricontane (C30)	17.582	2414108	22.930 ug/ml
18) T n-Dotriacontane (C32)	18.410	2379461	22.844 ug/ml
19) T n-Tetratriacontane (C34)	19.189	2238393	22.022 ug/ml
20) T n-Hexatriacontane (C36)	19.926	2104557	21.576 ug/ml
21) T n-Octatriacontane (C38)	20.634	1987847	21.622 ug/ml
22) T n-Tetracontane (C40)	21.476	1997391	20.743 ug/ml

(f)=RT Delta > 1/2 Window

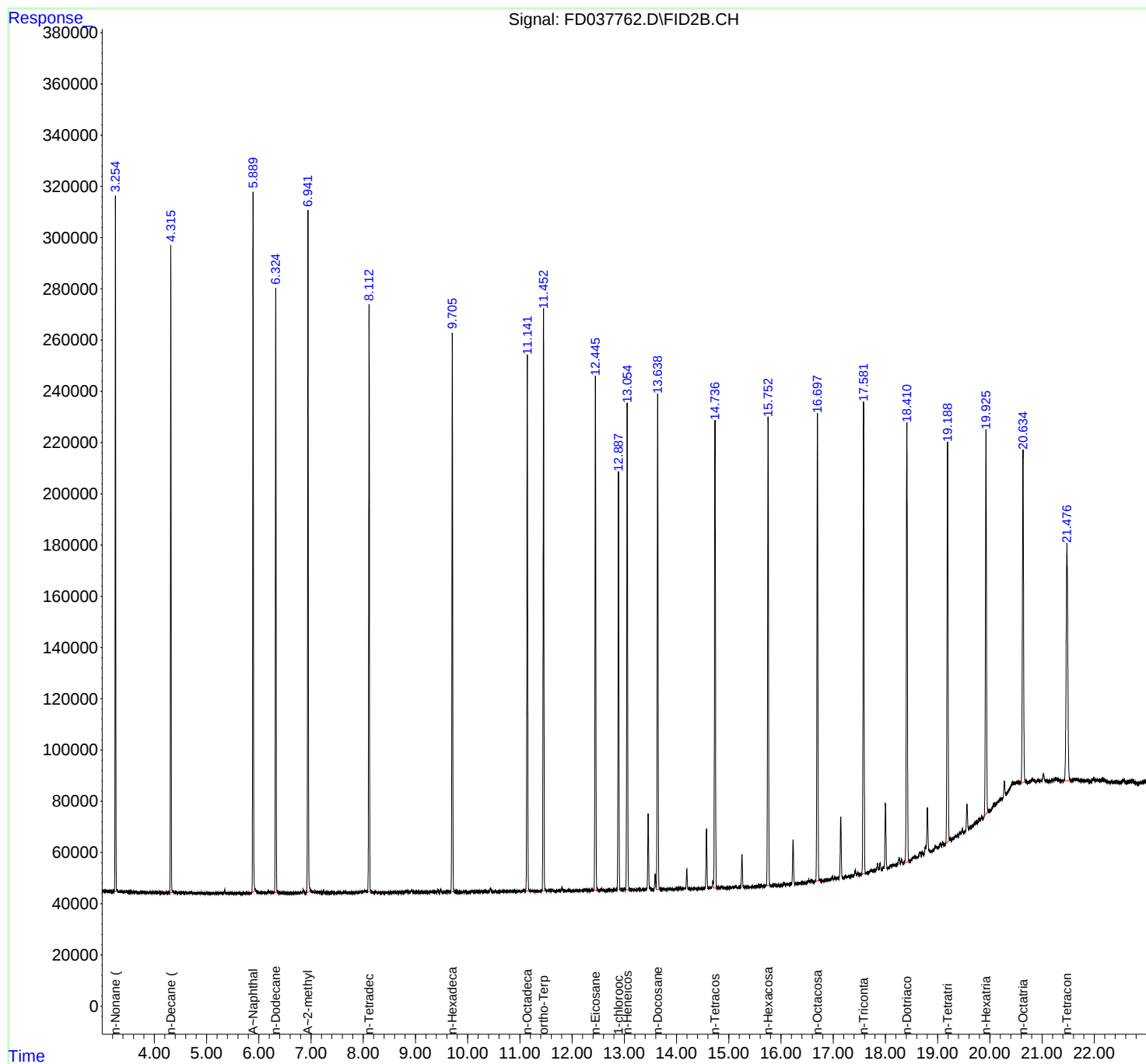
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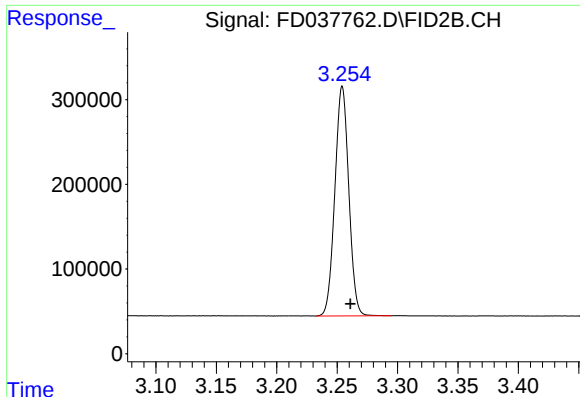
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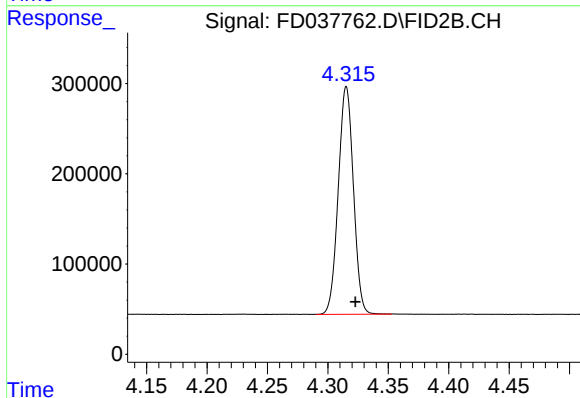




#1 n-Nonane (C9)

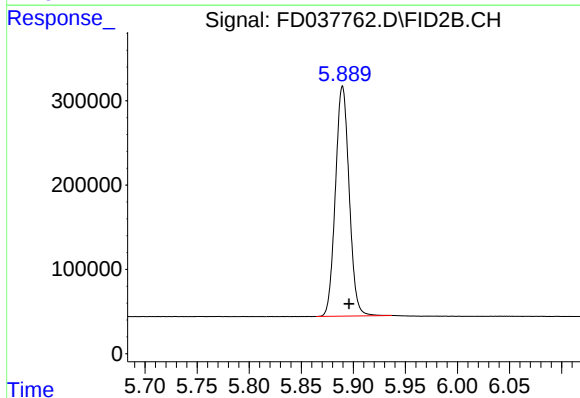
R.T.: 3.254 min
Delta R.T.: -0.007 min
Response: 2172026
Conc: 21.53 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



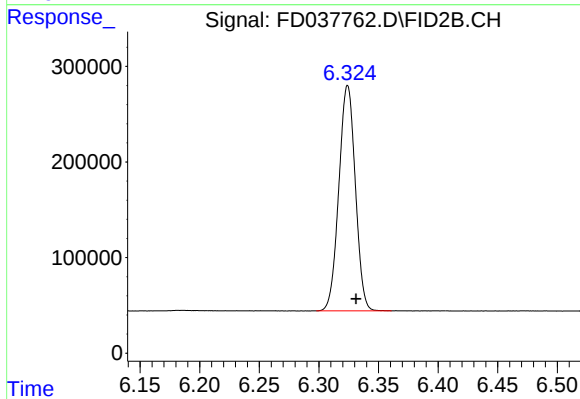
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.008 min
Response: 2201988
Conc: 21.70 ug/ml



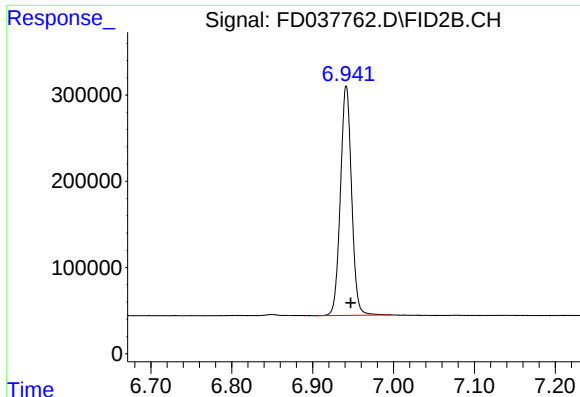
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 2509356
Conc: 22.04 ug/ml



#4 n-Dodecane (C12)

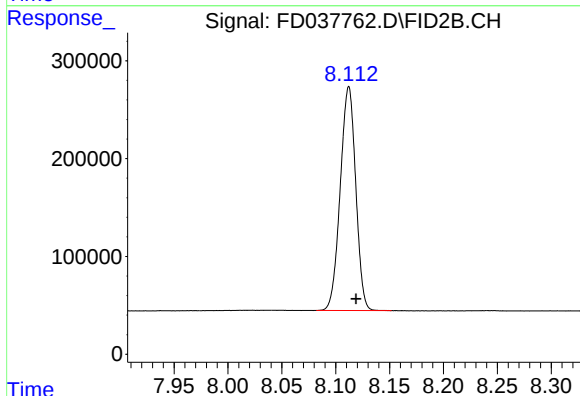
R.T.: 6.324 min
Delta R.T.: -0.007 min
Response: 2269405
Conc: 21.95 ug/ml



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

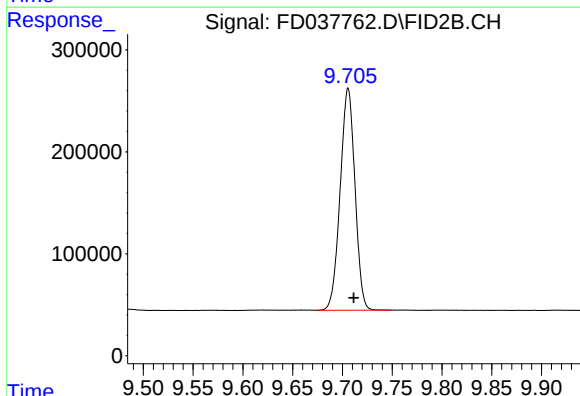
R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 2558414
Conc: 22.10 ug/ml

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20 PPM ALIPHATIC HC STD



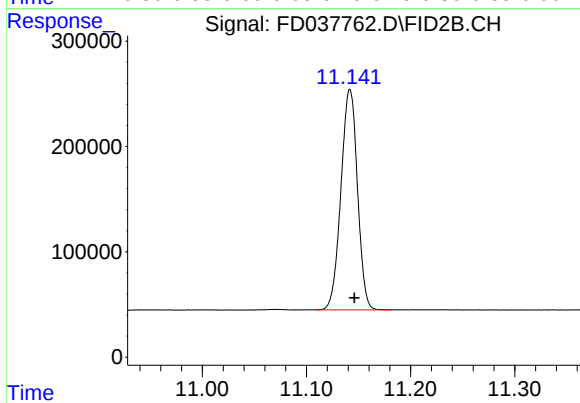
#6 n-Tetradecane (C14)

R.T.: 8.112 min
Delta R.T.: -0.007 min
Response: 2291118
Conc: 21.98 ug/ml



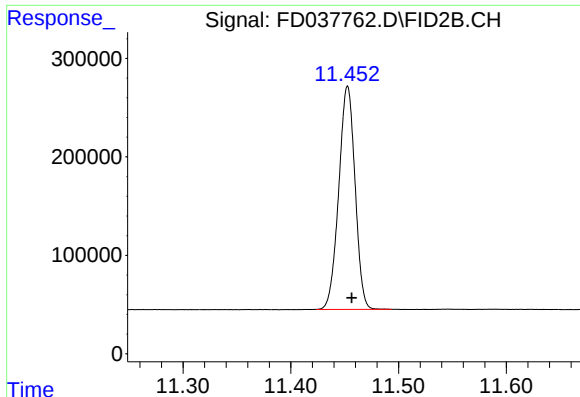
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.006 min
Response: 2252041
Conc: 21.83 ug/ml



#8 n-Octadecane (C18)

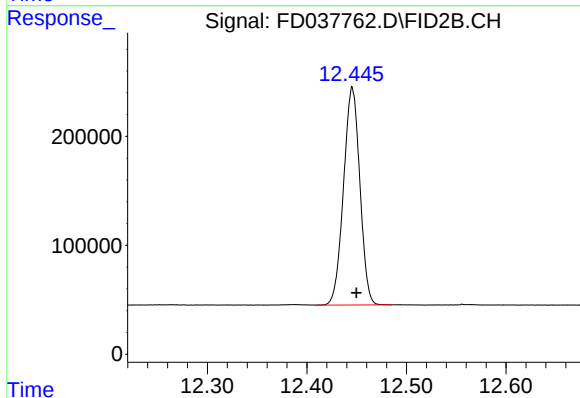
R.T.: 11.142 min
Delta R.T.: -0.004 min
Response: 2309208
Conc: 21.37 ug/ml



#9 ortho-Terphenyl (SURR)

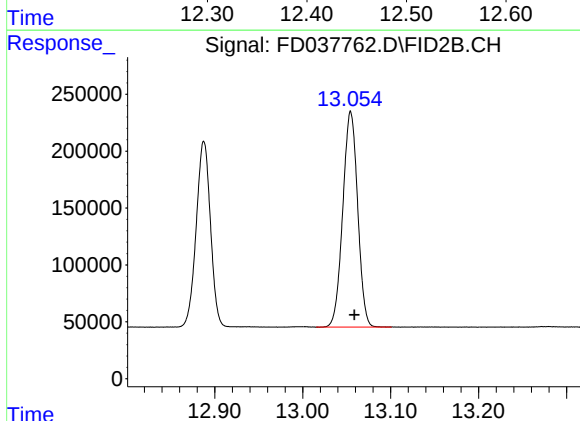
R.T.: 11.453 min
Delta R.T.: -0.004 min
Response: 2385009
Conc: 20.34 ug/ml

Instrument :
FID_D
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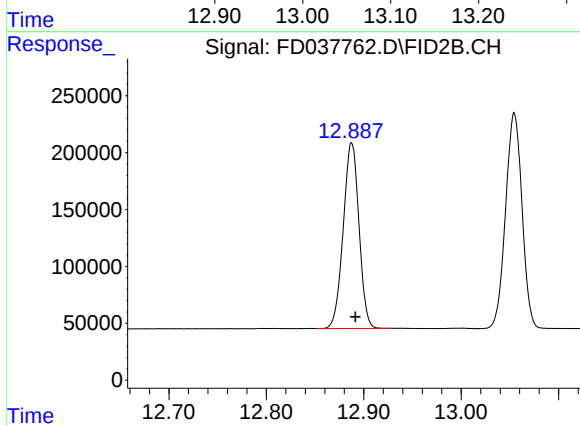
#10 n-Eicosane (C20)

R.T.: 12.446 min
Delta R.T.: -0.004 min
Response: 2276479
Conc: 20.89 ug/ml



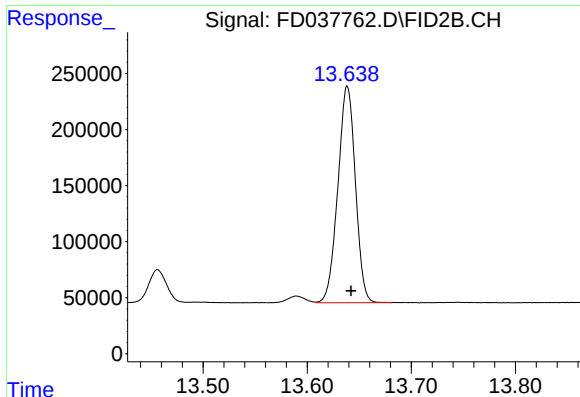
#11 n-Heneicosane (C21)

R.T.: 13.055 min
Delta R.T.: -0.004 min
Response: 2227380
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

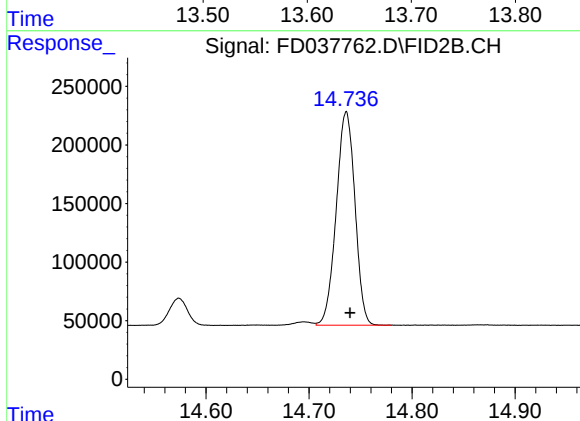
R.T.: 12.888 min
Delta R.T.: -0.004 min
Response: 1832905
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

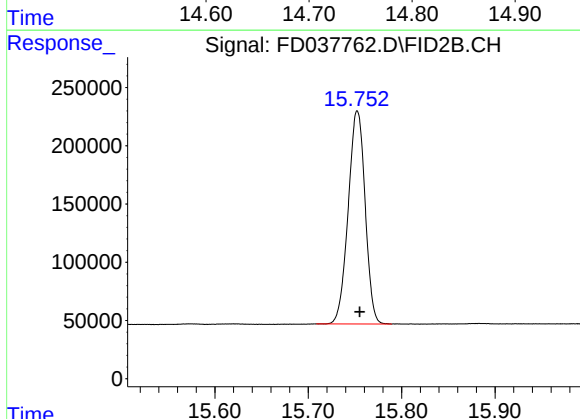
R.T.: 13.639 min
Delta R.T.: -0.004 min
Response: 2259353
Conc: 20.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



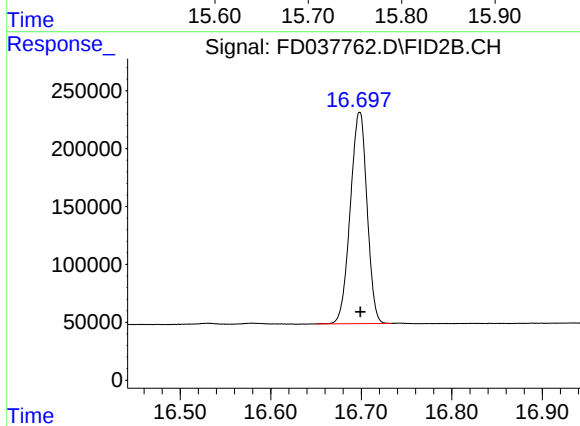
#14 n-Tetracosane (C24)

R.T.: 14.736 min
Delta R.T.: -0.004 min
Response: 2302382
Conc: 21.25 ug/ml



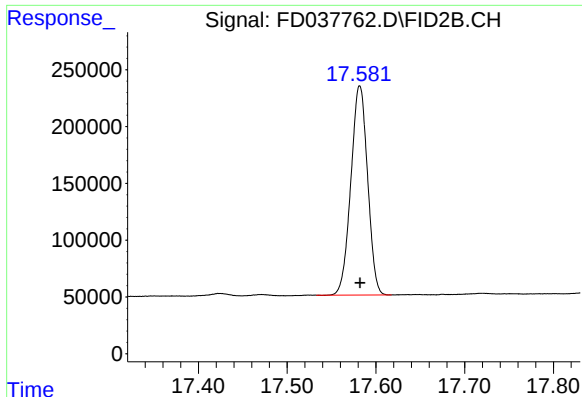
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: -0.003 min
Response: 2304950
Conc: 21.64 ug/ml



#16 n-Octacosane (C28)

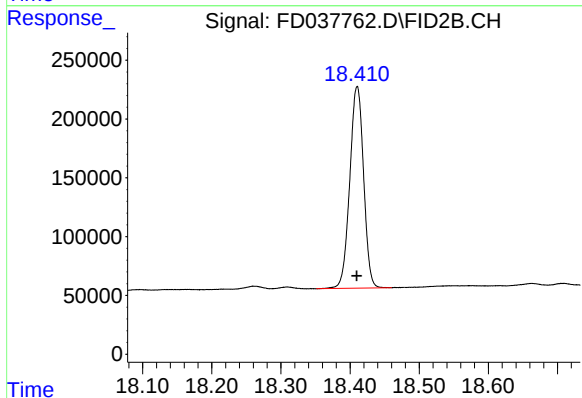
R.T.: 16.698 min
Delta R.T.: 0.000 min
Response: 2347307
Conc: 22.15 ug/ml



#17 n-Tricontane (C30)

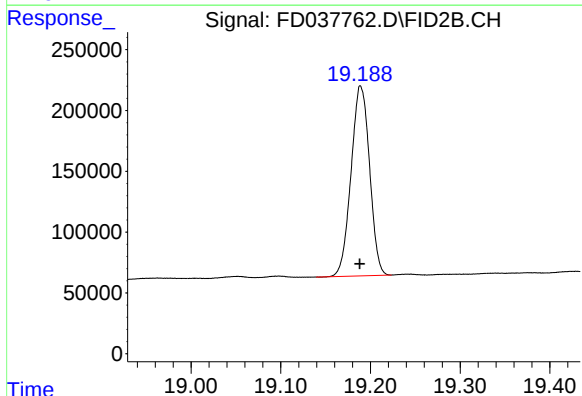
R.T.: 17.582 min
Delta R.T.: 0.000 min
Response: 2414108
Conc: 22.93 ug/ml

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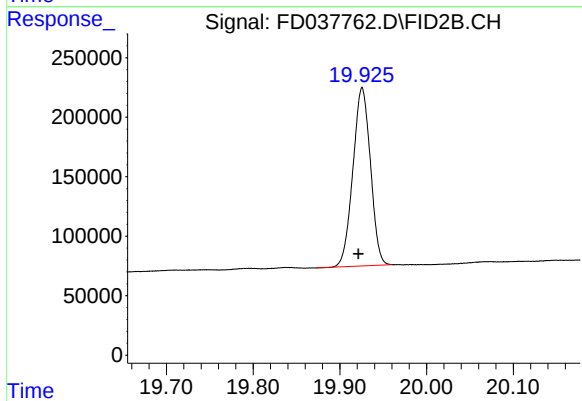
#18 n-Dotriacontane (C32)

R.T.: 18.410 min
Delta R.T.: 0.000 min
Response: 2379461
Conc: 22.84 ug/ml



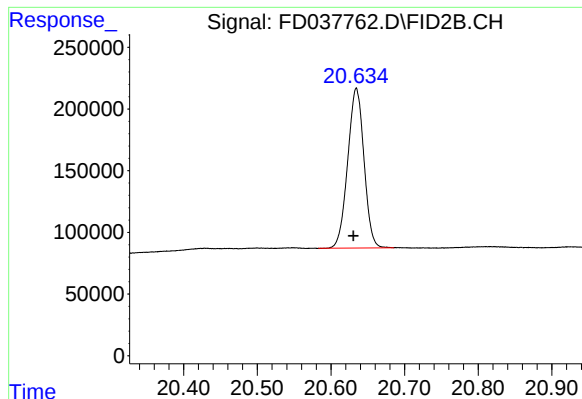
#19 n-Tetratriacontane (C34)

R.T.: 19.189 min
Delta R.T.: 0.000 min
Response: 2238393
Conc: 22.02 ug/ml



#20 n-Hexatriacontane (C36)

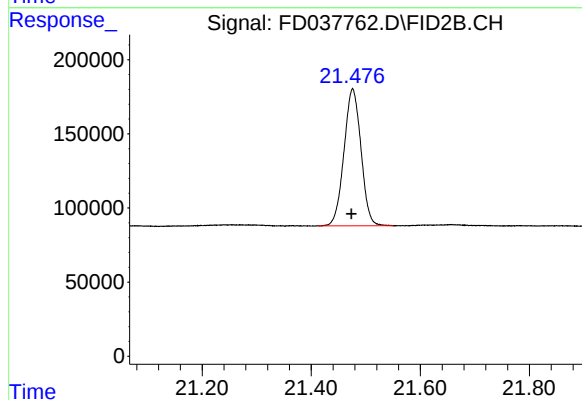
R.T.: 19.926 min
Delta R.T.: 0.004 min
Response: 2104557
Conc: 21.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: 0.004 min
Response: 1987847
Conc: 21.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: 0.002 min
Response: 1997391
Conc: 20.74 ug/ml