

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032223AL\
 Data File : FD045308.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2023 14:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 23 00:22:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 04:53:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.445	3202847	20.685 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	12.879	2242604	20.007 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T n-Nonane (C9)	3.256	2862012	20.845 ug/ml
2) T n-Decane (C10)	4.318	2830321	20.925 ug/ml
3) T A~Naphthalene (C11.7)	5.887	3252441	20.759 ug/ml
4) T n-Dodecane (C12)	6.326	2858532	20.882 ug/ml
5) T A~2-methylnaphthalene...	6.937	3039396	20.746 ug/ml
6) T n-Tetradecane (C14)	8.112	2876868	20.903 ug/ml
7) T n-Hexadecane (C16)	9.704	2933951	20.826 ug/ml
8) T n-Octadecane (C18)	11.138	2977478	20.906 ug/ml
10) T n-Eicosane (C20)	12.439	2831198	20.766 ug/ml
11) T n-Heneicosane (C21)	13.048	2821018	20.671 ug/ml
13) T n-Docosane (C22)	13.630	2770170	20.664 ug/ml
14) T n-Tetracosane (C24)	14.726	2697162	20.724 ug/ml
15) T n-Hexacosane (C26)	15.740	2607939	20.863 ug/ml
16) T n-Octacosane (C28)	16.682	2552102	20.998 ug/ml
17) T n-Tricontane (C30)	17.564	2501064	21.071 ug/ml
18) T n-Dotriacontane (C32)	18.389	2482065	21.061 ug/ml
19) T n-Tetratriacontane (C34)	19.168	2422244	21.061 ug/ml
20) T n-Hexatriacontane (C36)	19.902	2222915	20.663 ug/ml
21) T n-Octatriacontane (C38)	20.606	2057530	19.818 ug/ml
22) T n-Tetracontane (C40)	21.441	1814730	18.337 ug/ml

(f)=RT Delta > 1/2 Window

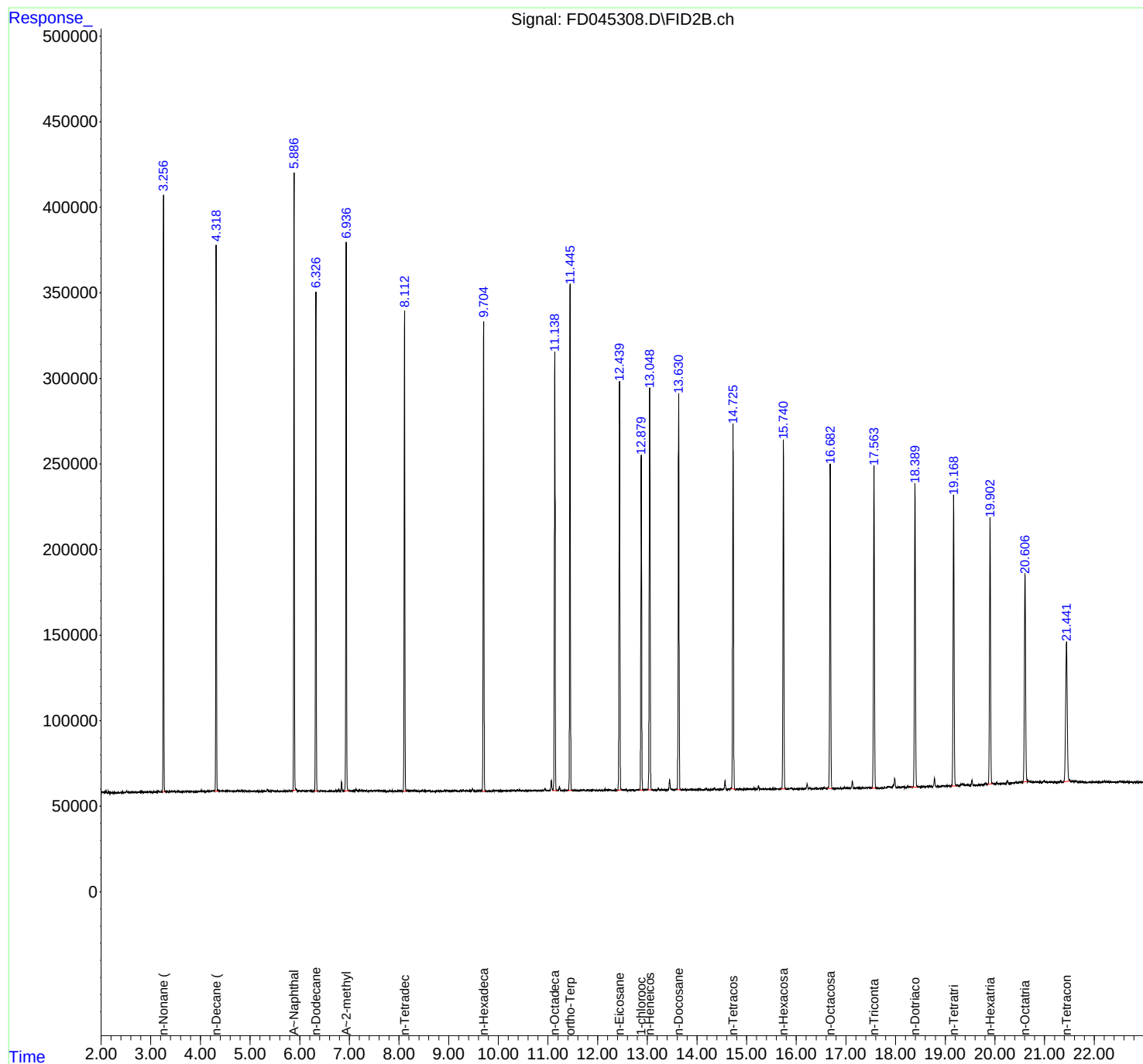
(m)=manual int.

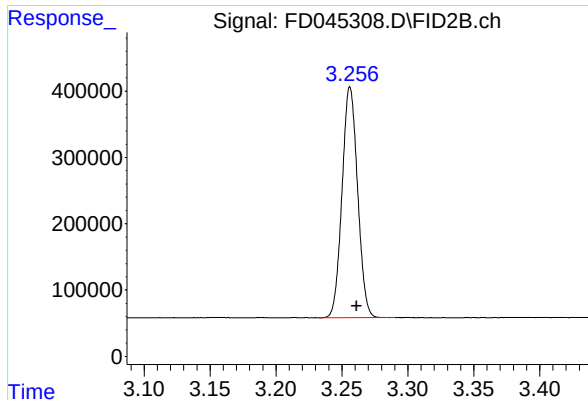
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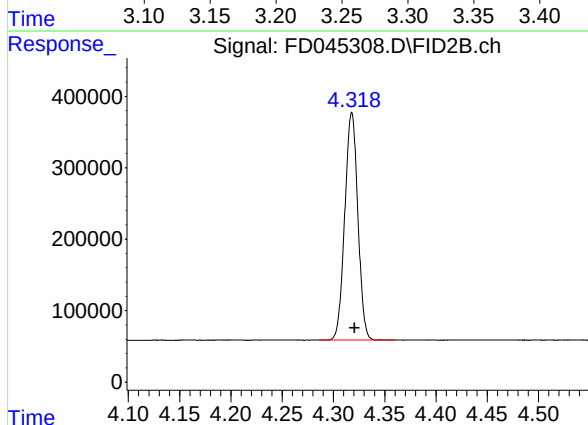




#1 n-Nonane (C9)

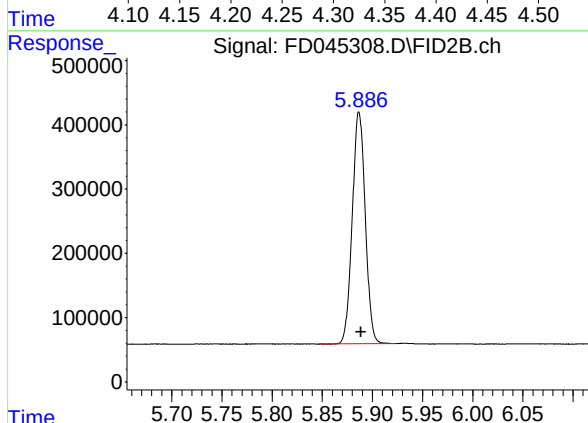
R.T.: 3.256 min
Delta R.T.: -0.005 min
Response: 2862012
Conc: 20.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



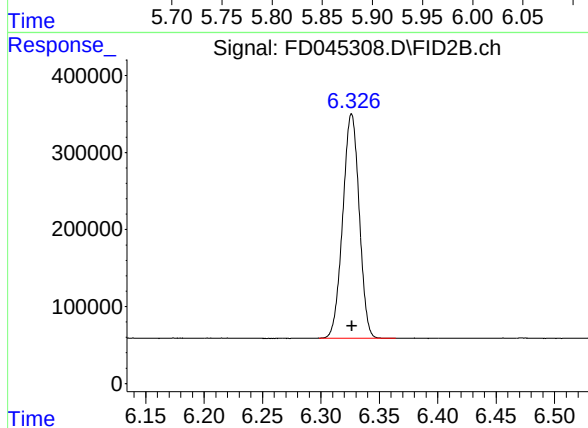
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 2830321
Conc: 20.93 ug/ml



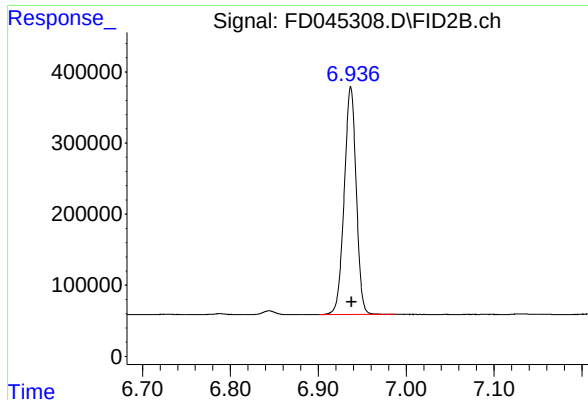
#3 A~Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 3252441
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

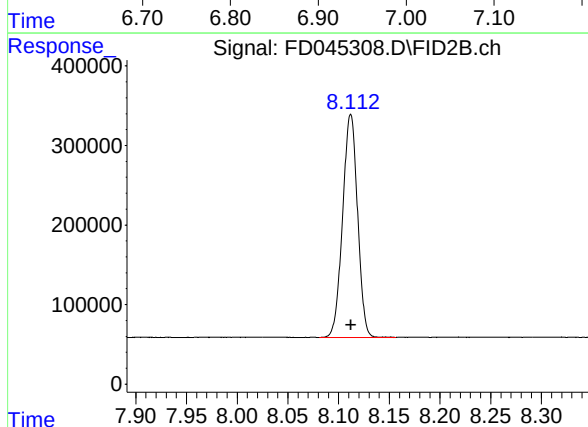
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 2858532
Conc: 20.88 ug/ml



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

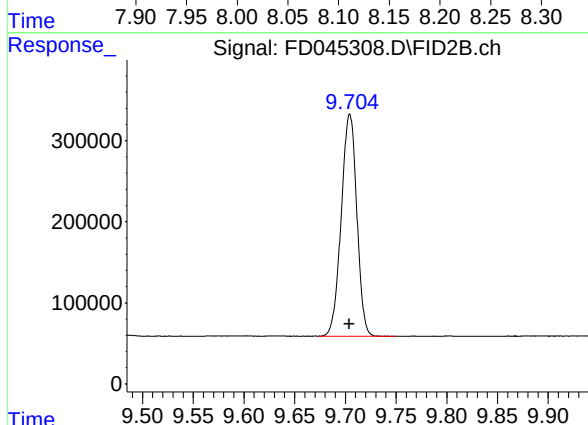
R.T.: 6.937 min
Delta R.T.: -0.001 min
Response: 3039396
Conc: 20.75 ug/ml

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20 PPM ALIPHATIC HC STD



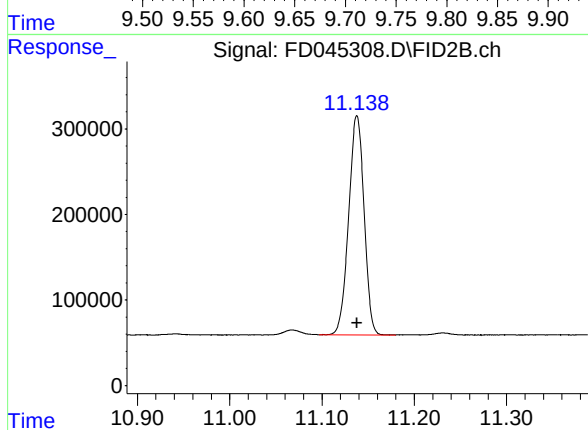
#6 n-Tetradecane (C14)

R.T.: 8.112 min
Delta R.T.: 0.000 min
Response: 2876868
Conc: 20.90 ug/ml



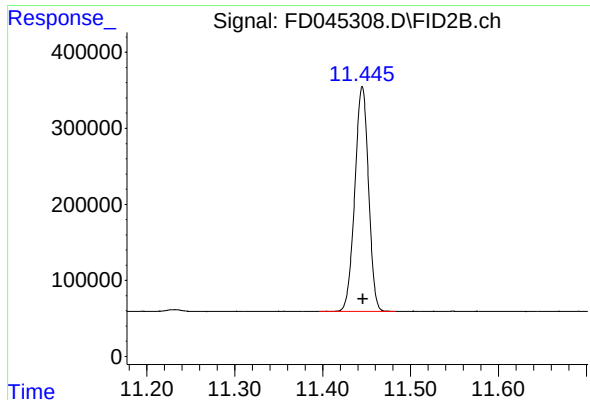
#7 n-Hexadecane (C16)

R.T.: 9.704 min
Delta R.T.: 0.000 min
Response: 2933951
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

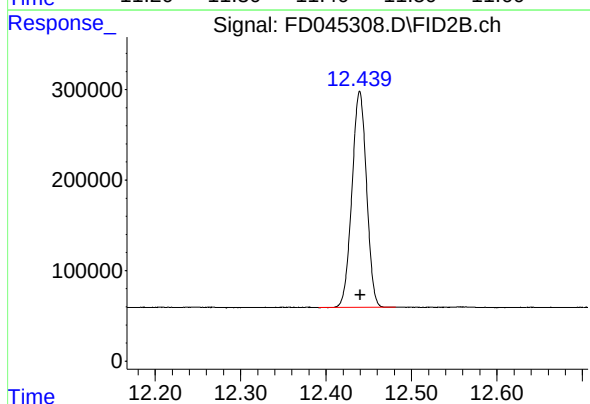
R.T.: 11.138 min
Delta R.T.: 0.000 min
Response: 2977478
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

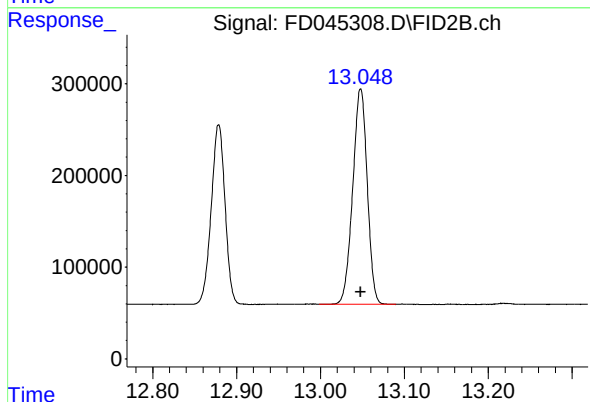
R.T.: 11.445 min
Delta R.T.: 0.000 min
Response: 3202847
Conc: 20.68 ug/ml

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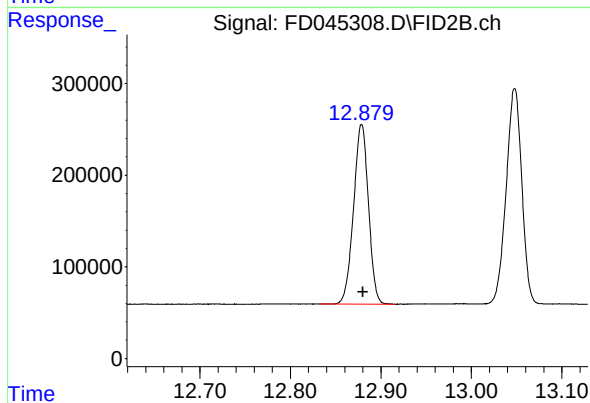
#10 n-Eicosane (C20)

R.T.: 12.439 min
Delta R.T.: 0.000 min
Response: 2831198
Conc: 20.77 ug/ml



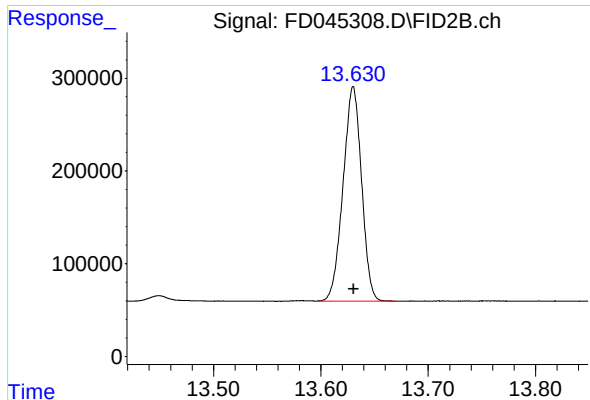
#11 n-Heneicosane (C21)

R.T.: 13.048 min
Delta R.T.: 0.000 min
Response: 2821018
Conc: 20.67 ug/ml



#12 1-chlorooctadecane (SURR)

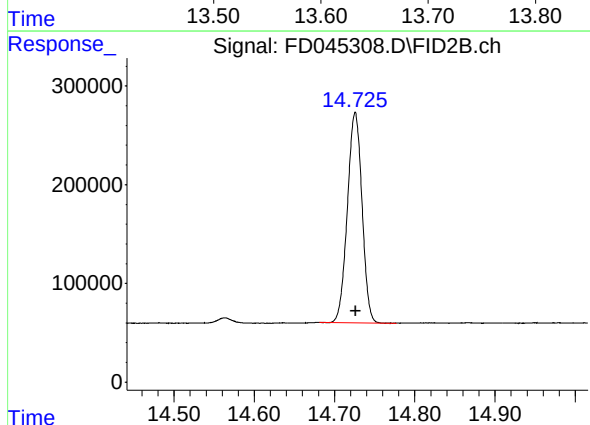
R.T.: 12.879 min
Delta R.T.: -0.001 min
Response: 2242604
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

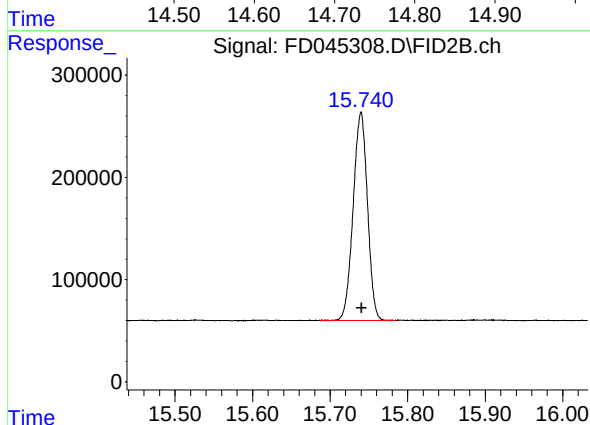
R.T.: 13.630 min
Delta R.T.: 0.000 min
Response: 2770170
Conc: 20.66 ug/ml

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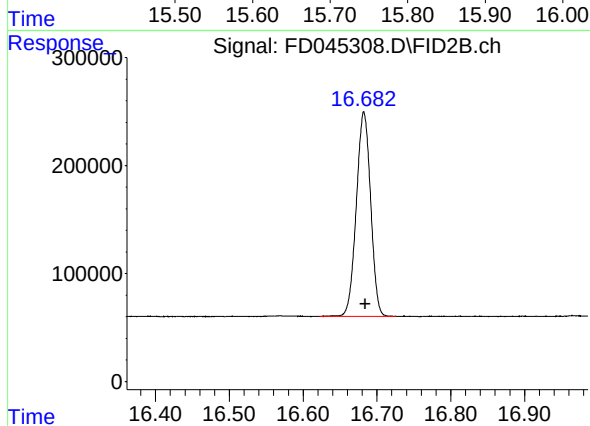
#14 n-Tetracosane (C24)

R.T.: 14.726 min
Delta R.T.: 0.000 min
Response: 2697162
Conc: 20.72 ug/ml



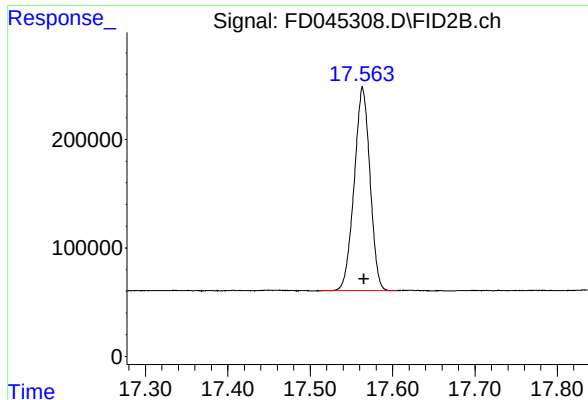
#15 n-Hexacosane (C26)

R.T.: 15.740 min
Delta R.T.: 0.000 min
Response: 2607939
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

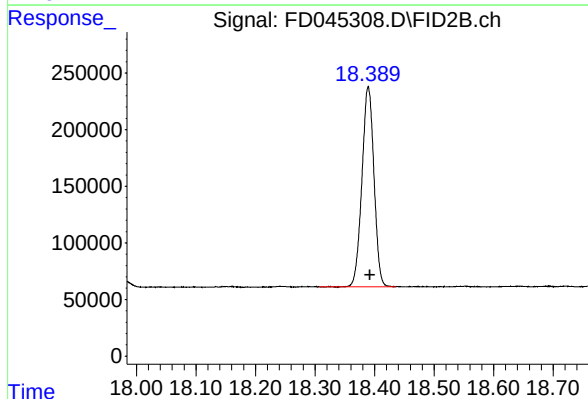
R.T.: 16.682 min
Delta R.T.: -0.002 min
Response: 2552102
Conc: 21.00 ug/ml



#17 n-Tricontane (C30)

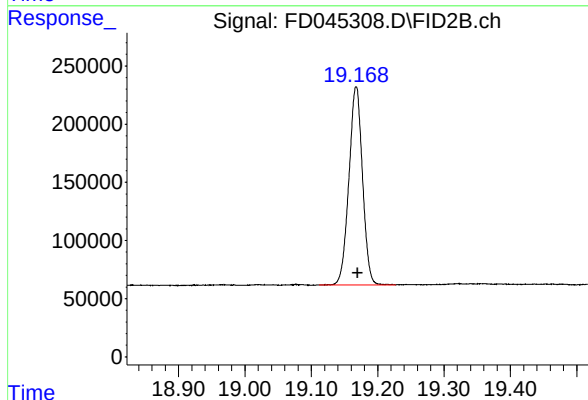
R.T.: 17.564 min
Delta R.T.: -0.002 min
Response: 2501064
Conc: 21.07 ug/ml

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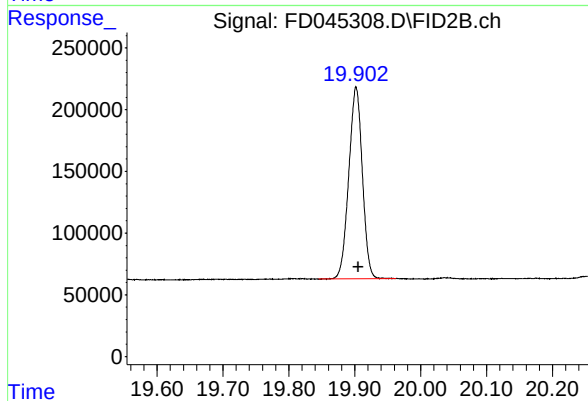
#18 n-Dotriacontane (C32)

R.T.: 18.389 min
Delta R.T.: -0.003 min
Response: 2482065
Conc: 21.06 ug/ml



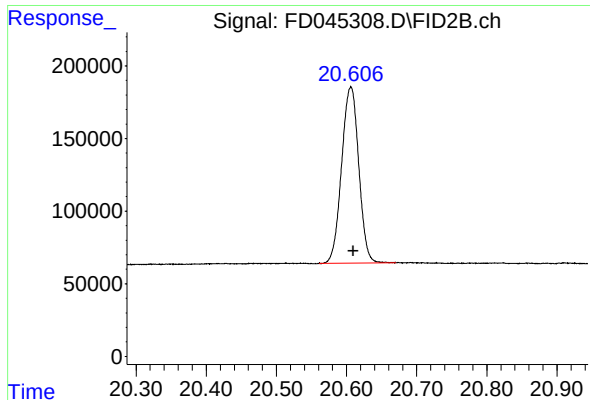
#19 n-Tetatriacontane (C34)

R.T.: 19.168 min
Delta R.T.: -0.002 min
Response: 2422244
Conc: 21.06 ug/ml



#20 n-Hexatriacontane (C36)

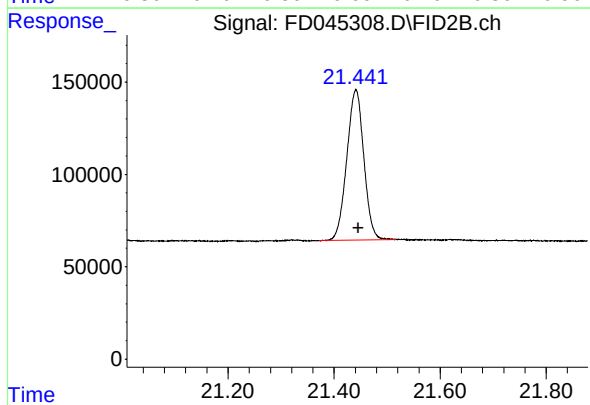
R.T.: 19.902 min
Delta R.T.: -0.004 min
Response: 2222915
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.003 min
Response: 2057530
Conc: 19.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.441 min
Delta R.T.: -0.004 min
Response: 1814730
Conc: 18.34 ug/ml