

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AL\
 Data File : FD028482.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2019 21:24
 Operator : AJ\SJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 26 04:01:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 03:59:06 2019
 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)	11.028	1463054	10.492 ug/ml
Spiked Amount 50.000		Recovery =	20.98%
12) S 1-chlorooctadecane (S...	12.450	1187584	10.902 ug/ml
Spiked Amount 50.000		Recovery =	21.80%
Target Compounds			
1) T n-Nonane (C9)	2.866	985934	10.756 ug/ml
2) T n-Decane (C10)	3.888	1017789	10.865 ug/ml
3) T A~Naphthalene (C11.7)	5.464	1142566	10.813 ug/ml
4) T n-Dodecane (C12)	5.882	1037864	10.932 ug/ml
5) T A~2-methylnaphthalene...	6.512	1156250	10.774 ug/ml
6) T n-Tetradecane (C14)	7.671	1079344	10.950 ug/ml
7) T n-Hexadecane (C16)	9.266	1120003	10.913 ug/ml
8) T n-Octadecane (C18)	10.702	1177900	10.963 ug/ml
10) T n-Eicosane (C20)	12.005	1203595	10.995 ug/ml
11) T n-Heneicosane (C21)	12.615	1200100	11.085 ug/ml
13) T n-Docosane (C22)	13.197	1213562	11.167 ug/ml
14) T n-Tetracosane (C24)	14.293	1194928	11.142 ug/ml
15) T n-Hexacosane (C26)	15.307	1171341	11.241 ug/ml
16) T n-Octacosane (C28)	16.251	1164677	11.466 ug/ml
17) T n-Tricontane (C30)	17.133	1110608	11.441 ug/ml
18) T n-Dotriacontane (C32)	17.960	1042434	11.644 ug/ml
19) T n-Tetratriacontane (C34)	18.767	894241	11.596 ug/ml
20) T n-Hexatriacontane (C36)	19.776	783932	11.714 ug/ml
21) T n-Octatriacontane (C38)	21.138	727246	11.587 ug/ml
22) T n-Tetracontane (C40)	23.033	717405	11.626 ug/ml

(f)=RT Delta > 1/2 Window

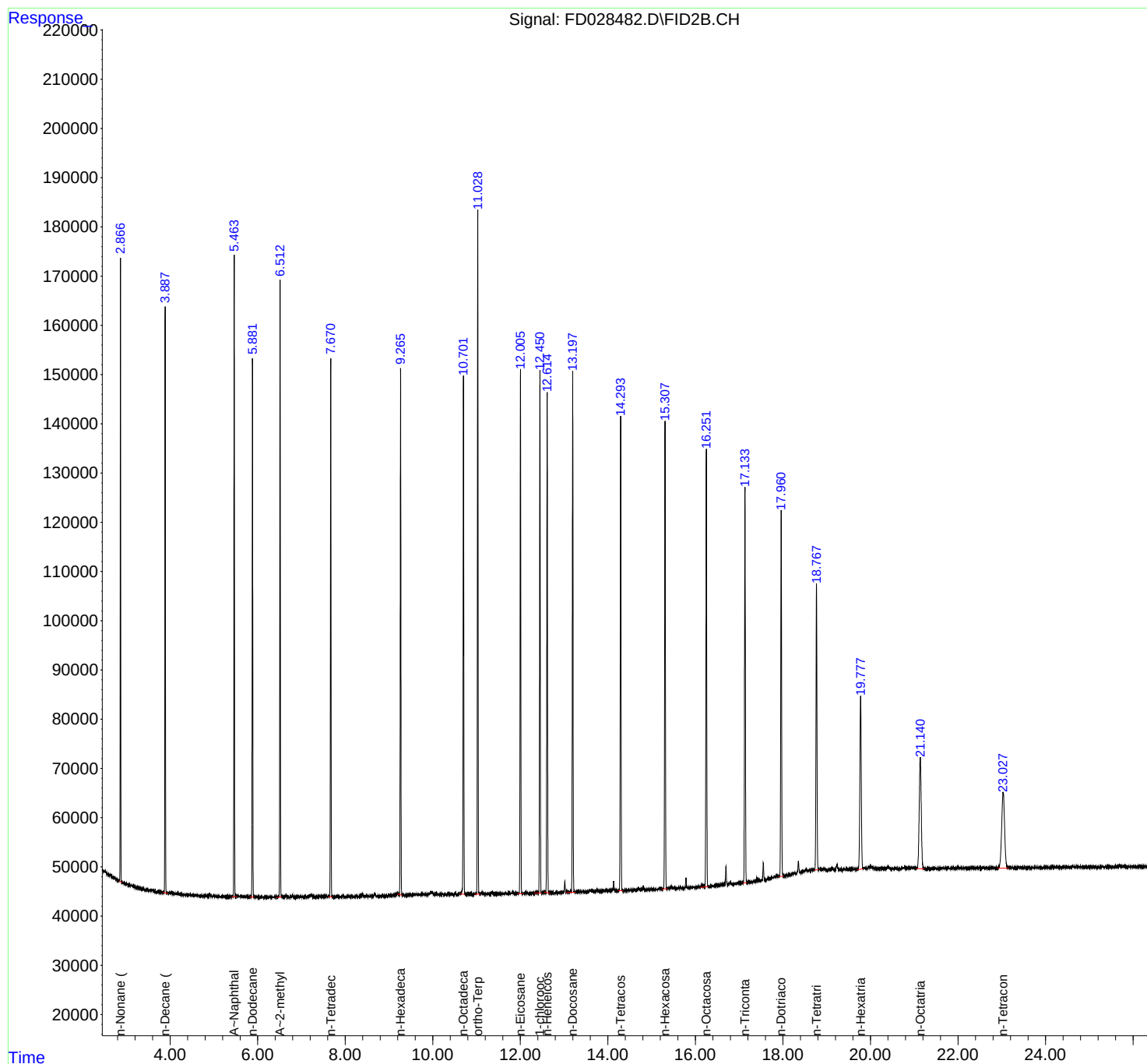
(m)=manual int.

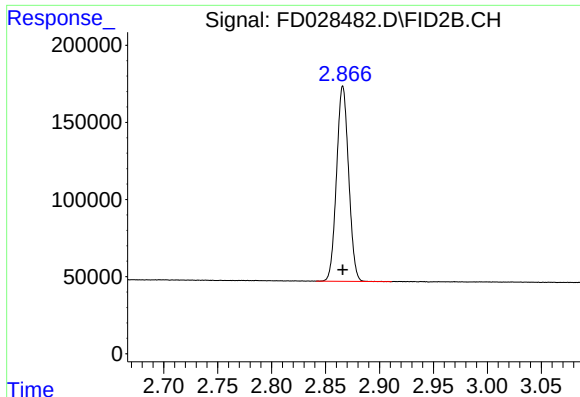
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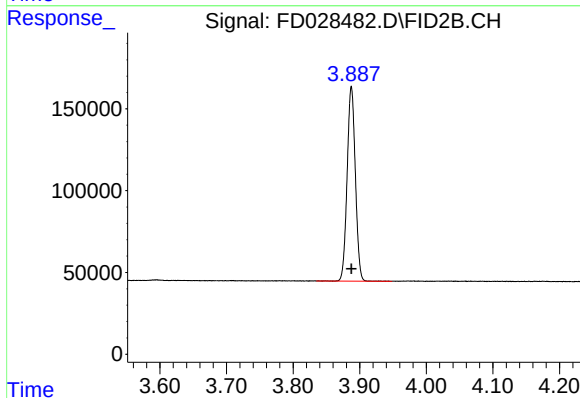




#1 n-Nonane (C9)

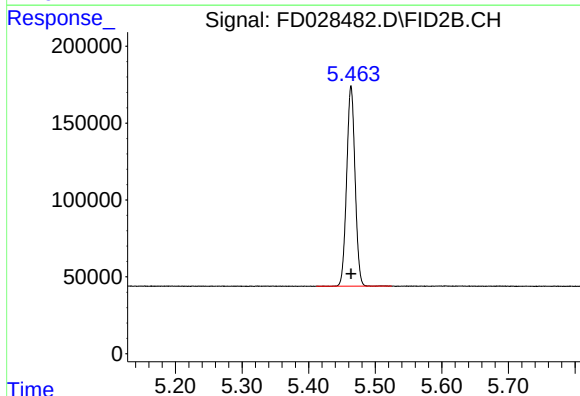
R.T.: 2.866 min
Delta R.T.: 0.000 min
Response: 985934
Conc: 10.76 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4



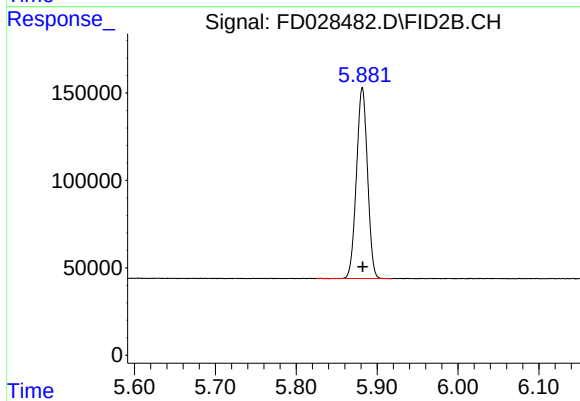
#2 n-Decane (C10)

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 1017789
Conc: 10.86 ug/ml



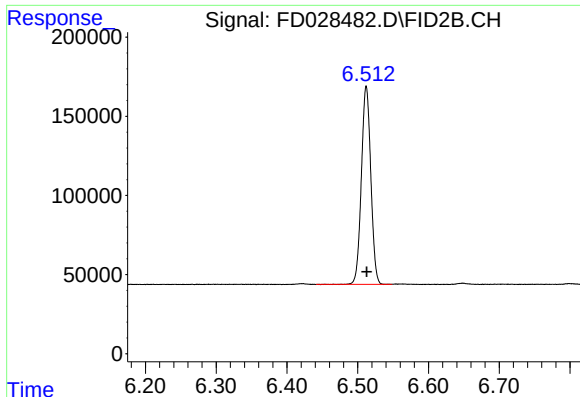
#3 A~Naphthalene (C11.7)

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 1142566
Conc: 10.81 ug/ml



#4 n-Dodecane (C12)

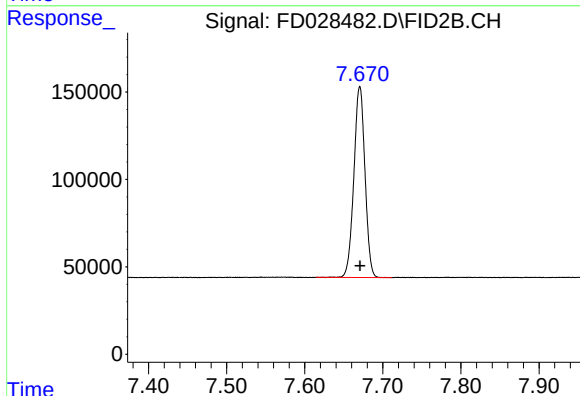
R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 1037864
Conc: 10.93 ug/ml



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

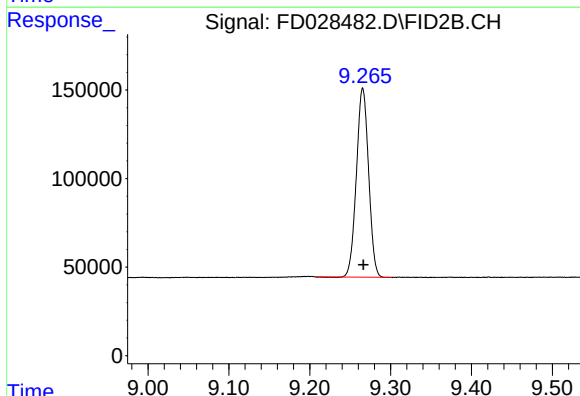
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 1156250
Conc: 10.77 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



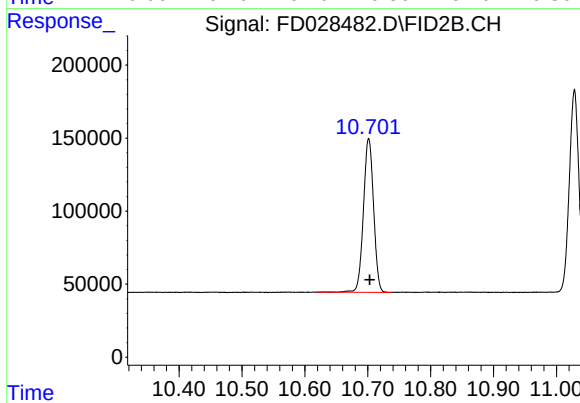
#6 n-Tetradecane (C14)

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 1079344
Conc: 10.95 ug/ml



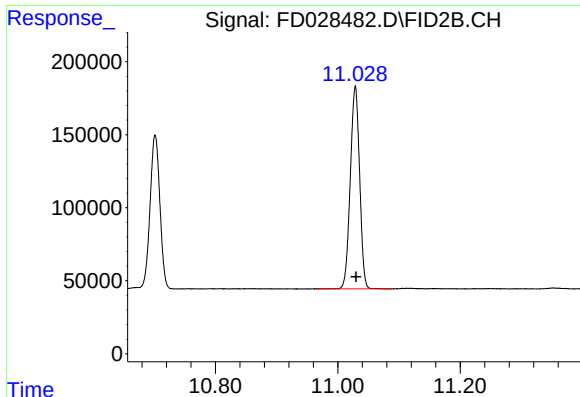
#7 n-Hexadecane (C16)

R.T.: 9.266 min
Delta R.T.: 0.000 min
Response: 1120003
Conc: 10.91 ug/ml



#8 n-Octadecane (C18)

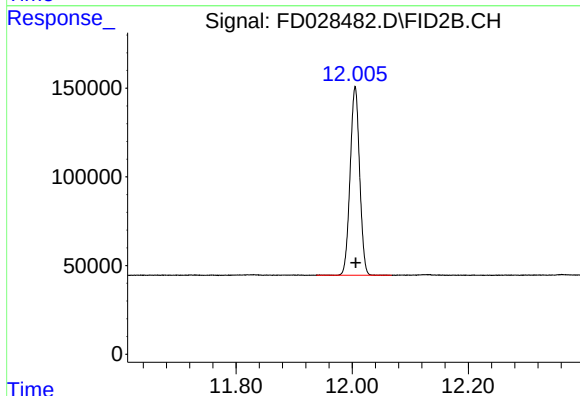
R.T.: 10.702 min
Delta R.T.: -0.001 min
Response: 1177900
Conc: 10.96 ug/ml



#9 ortho-Terphenyl (SURR)

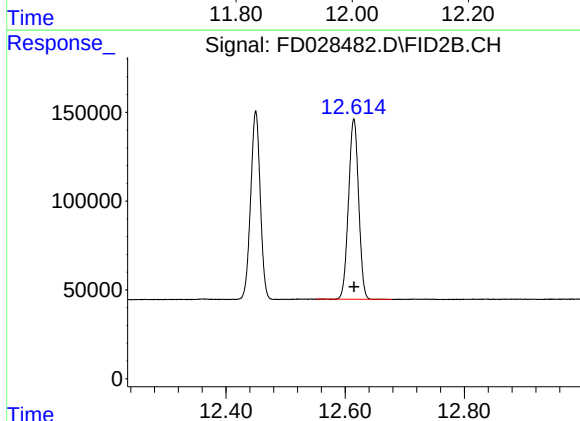
R.T.: 11.028 min
Delta R.T.: -0.001 min
Response: 1463054
Conc: 10.49 ug/ml

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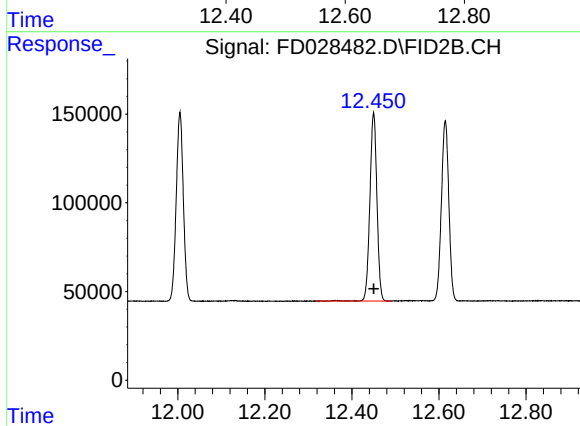
#10 n-Eicosane (C20)

R.T.: 12.005 min
Delta R.T.: 0.000 min
Response: 1203595
Conc: 11.00 ug/ml



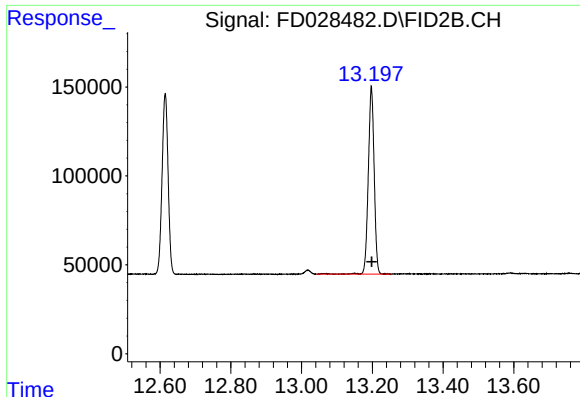
#11 n-Heneicosane (C21)

R.T.: 12.615 min
Delta R.T.: 0.000 min
Response: 1200100
Conc: 11.09 ug/ml



#12 1-chlorooctadecane (SURR)

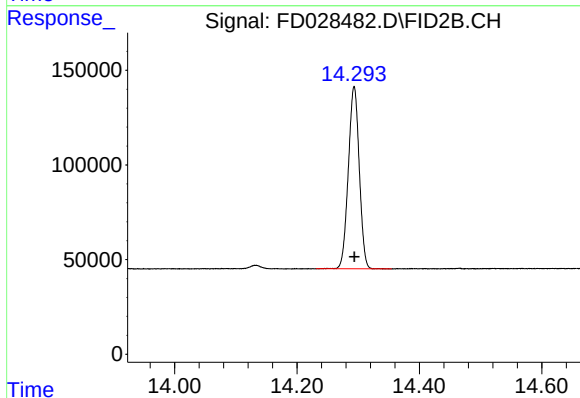
R.T.: 12.450 min
Delta R.T.: 0.000 min
Response: 1187584
Conc: 10.90 ug/ml



#13 n-Docosane (C22)

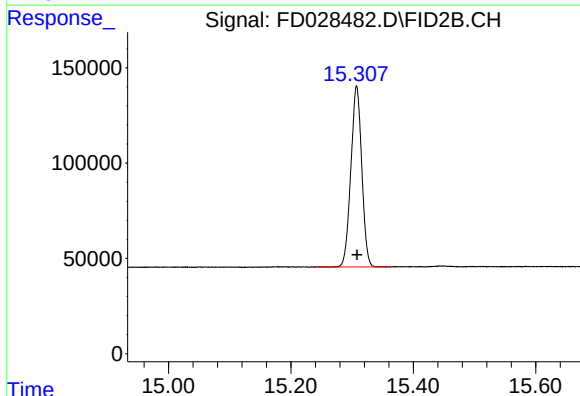
R.T.: 13.197 min
Delta R.T.: 0.000 min
Response: 1213562
Conc: 11.17 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



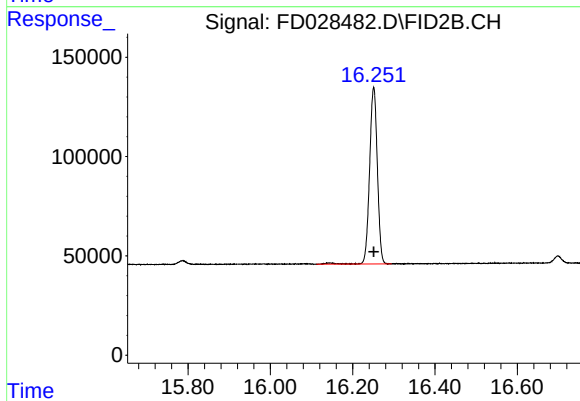
#14 n-Tetracosane (C24)

R.T.: 14.293 min
Delta R.T.: 0.000 min
Response: 1194928
Conc: 11.14 ug/ml



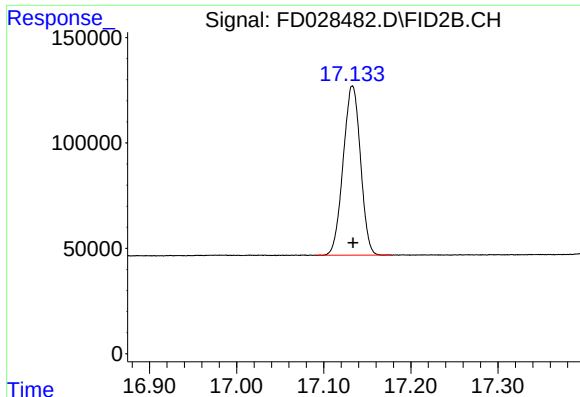
#15 n-Hexacosane (C26)

R.T.: 15.307 min
Delta R.T.: 0.000 min
Response: 1171341
Conc: 11.24 ug/ml



#16 n-Octacosane (C28)

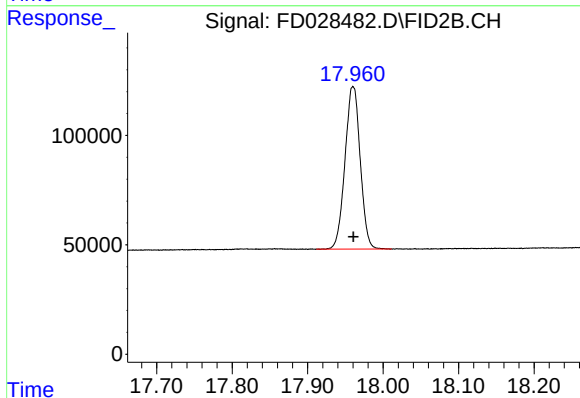
R.T.: 16.251 min
Delta R.T.: 0.000 min
Response: 1164677
Conc: 11.47 ug/ml



#17 n-Tricontane (C30)

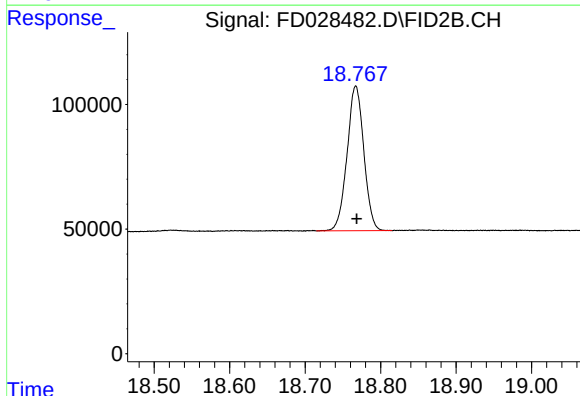
R.T.: 17.133 min
Delta R.T.: 0.000 min
Response: 1110608
Conc: 11.44 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



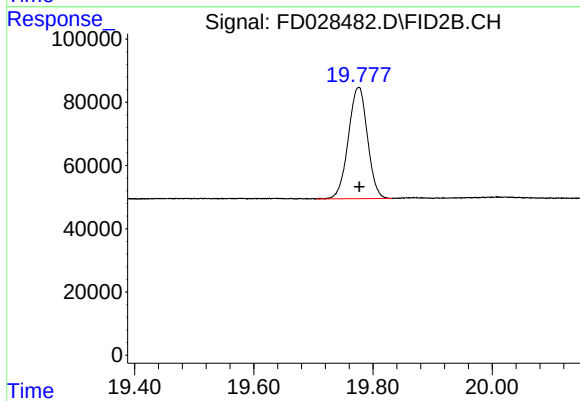
#18 n-Dotriacontane (C32)

R.T.: 17.960 min
Delta R.T.: 0.000 min
Response: 1042434
Conc: 11.64 ug/ml



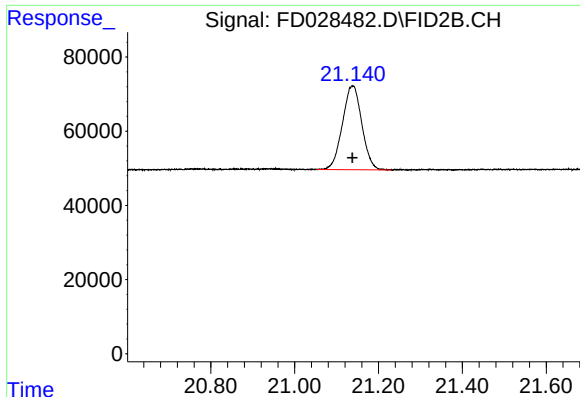
#19 n-Tetratriacontane (C34)

R.T.: 18.767 min
Delta R.T.: -0.001 min
Response: 894241
Conc: 11.60 ug/ml



#20 n-Hexatriacontane (C36)

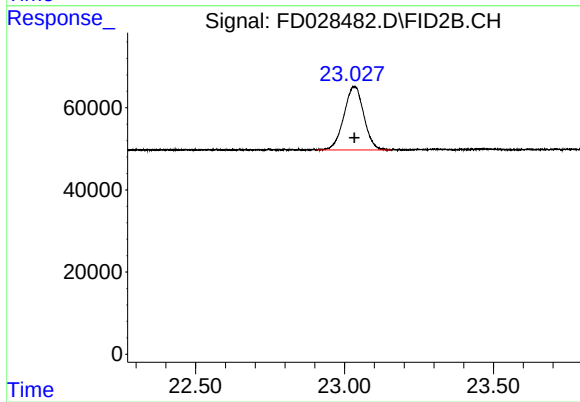
R.T.: 19.776 min
Delta R.T.: -0.001 min
Response: 783932
Conc: 11.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: 0.000 min
Response: 727246
Conc: 11.59 ug/ml

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FID_D
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#22 n-Tetracontane (C40)

R.T.: 23.033 min
Delta R.T.: 0.000 min
Response: 717405
Conc: 11.63 ug/ml