

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051624AL\
 Data File : FD047777.D
 Signal(s) : FID2B.ch
 Acq On : 17 May 2024 04:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 17 05:15:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 2024
 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)	11.350	4047605	18.549 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
12) S 1-chlorooctadecane (S...	12.790	3032166	18.607 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.187	3629598	18.851 ug/ml
2) T n-Decane (C10)	4.238	3699278	18.685 ug/ml
3) T A~Naphthalene (C11.7)	5.795	4076960	18.721 ug/ml
4) T n-Dodecane (C12)	6.239	3715298	18.707 ug/ml
5) T A~2-methylnaphthalene...	6.844	3919461	18.684 ug/ml
6) T n-Tetradecane (C14)	8.023	3670982	18.795 ug/ml
7) T n-Hexadecane (C16)	9.615	3768221	18.776 ug/ml
8) T n-Octadecane (C18)	11.050	3808528	18.753 ug/ml
10) T n-Eicosane (C20)	12.351	3632931	18.609 ug/ml
11) T n-Heneicosane (C21)	12.960	3561472	18.515 ug/ml
13) T n-Docosane (C22)	13.544	3512040	18.456 ug/ml
14) T n-Tetracosane (C24)	14.641	3447097	18.334 ug/ml
15) T n-Hexacosane (C26)	15.657	3332906	18.399 ug/ml
16) T n-Octacosane (C28)	16.602	3204936	18.389 ug/ml
17) T n-Tricontane (C30)	17.484	3209890	18.394 ug/ml
18) T n-Dotriacontane (C32)	18.312	3114403	18.292 ug/ml
19) T n-Tetratriacontane (C34)	19.093	3006462	18.642 ug/ml
20) T n-Hexatriacontane (C36)	19.828	2866771	18.753 ug/ml
21) T n-Octatriacontane (C38)	20.528	2801978	19.056 ug/ml
22) T n-Tetracontane (C40)	21.335	2700199	19.039 ug/ml

(f)=RT Delta > 1/2 Window

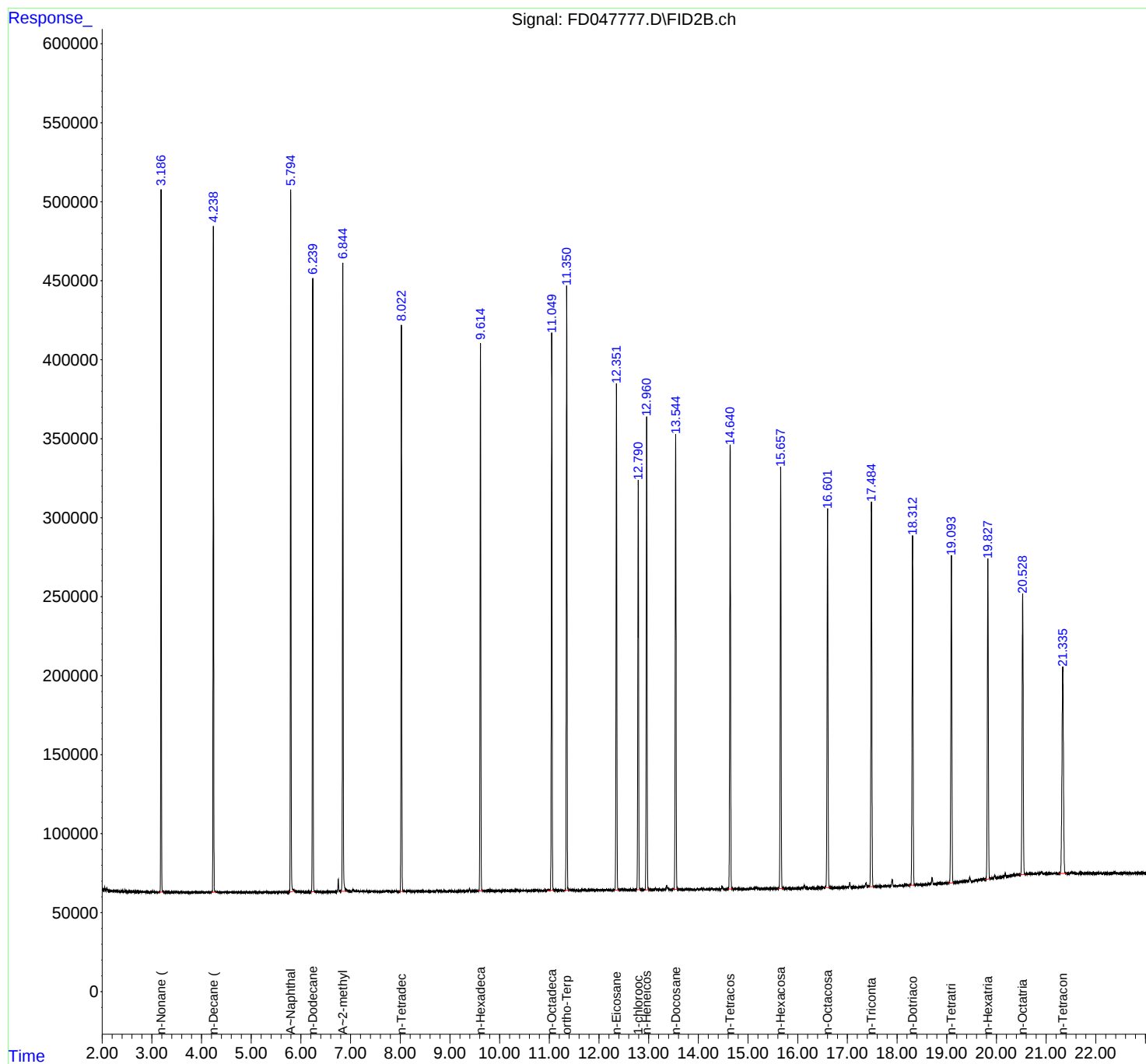
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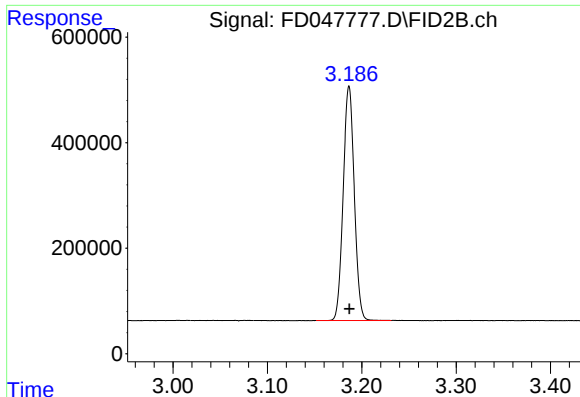
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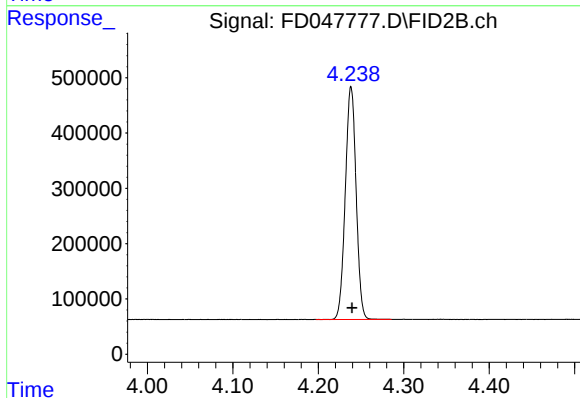




#1 n-Nonane (C9)

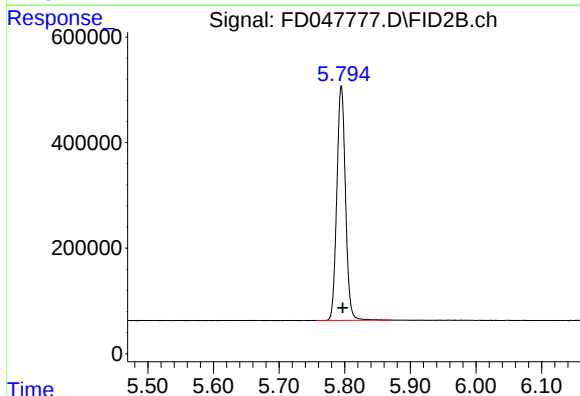
R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 3629598
Conc: 18.85 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



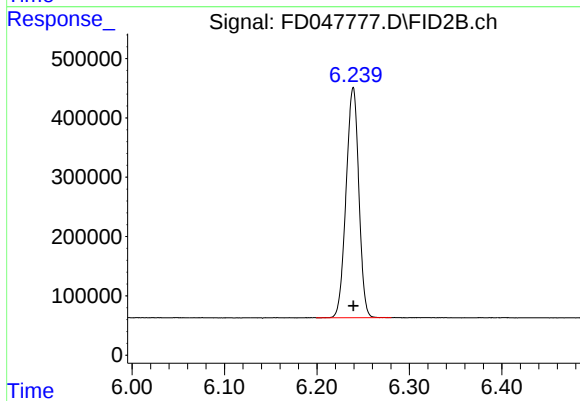
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.001 min
Response: 3699278
Conc: 18.69 ug/ml



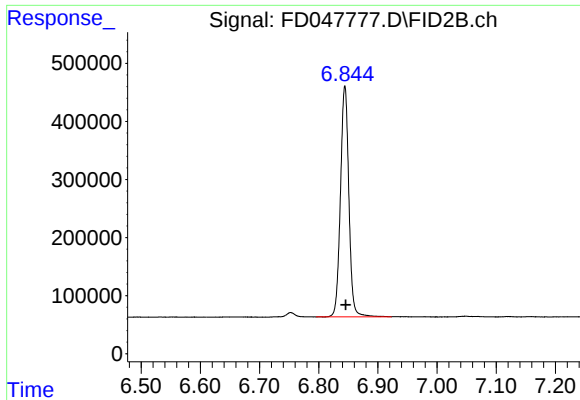
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 4076960
Conc: 18.72 ug/ml



#4 n-Dodecane (C12)

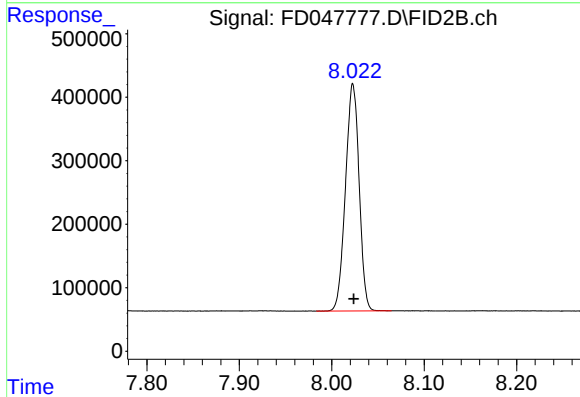
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 3715298
Conc: 18.71 ug/ml



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

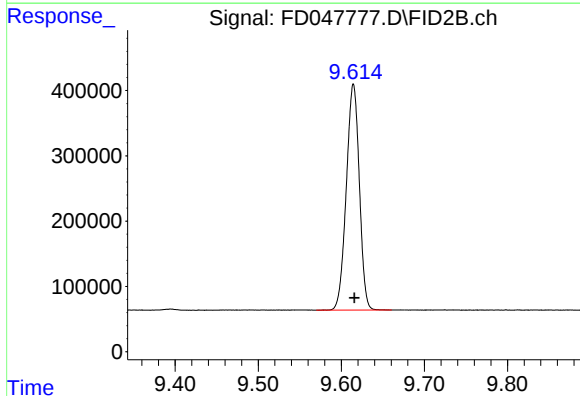
R.T.: 6.844 min
Delta R.T.: -0.002 min
Response: 3919461
Conc: 18.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



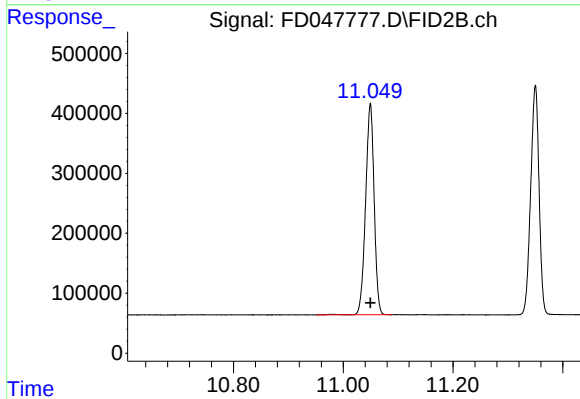
#6 n-Tetradecane (C14)

R.T.: 8.023 min
Delta R.T.: -0.001 min
Response: 3670982
Conc: 18.80 ug/ml



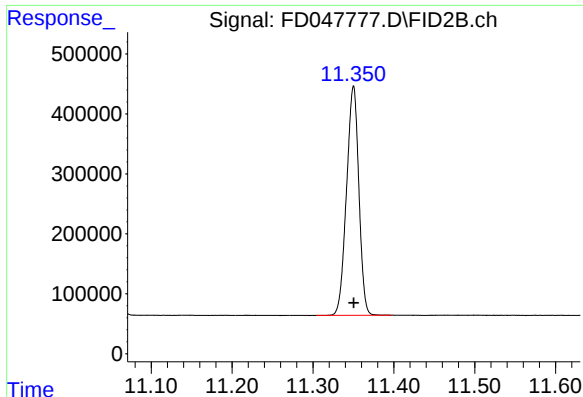
#7 n-Hexadecane (C16)

R.T.: 9.615 min
Delta R.T.: -0.001 min
Response: 3768221
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

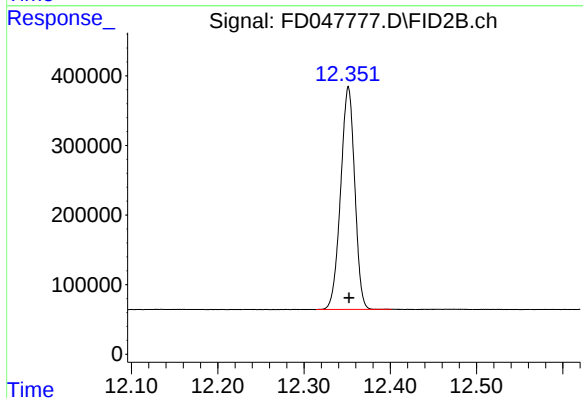
R.T.: 11.050 min
Delta R.T.: 0.000 min
Response: 3808528
Conc: 18.75 ug/ml



#9 ortho-Terphenyl (SURR)

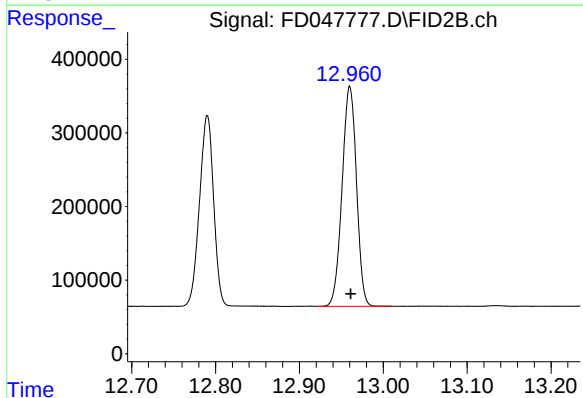
R.T.: 11.350 min
Delta R.T.: 0.000 min
Response: 4047605
Conc: 18.55 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



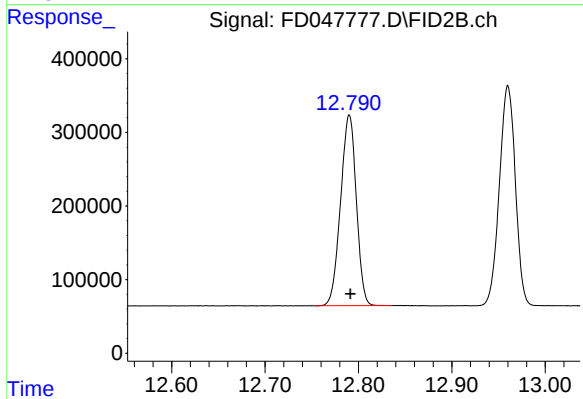
#10 n-Eicosane (C20)

R.T.: 12.351 min
Delta R.T.: 0.000 min
Response: 3632931
Conc: 18.61 ug/ml



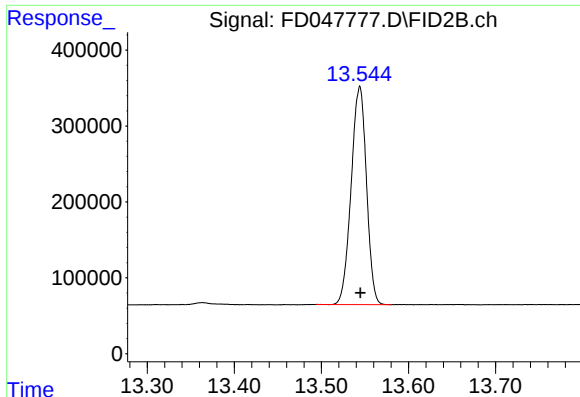
#11 n-Heneicosane (C21)

R.T.: 12.960 min
Delta R.T.: -0.001 min
Response: 3561472
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

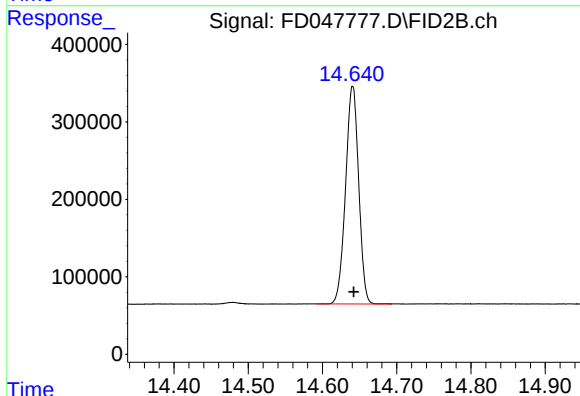
R.T.: 12.790 min
Delta R.T.: -0.001 min
Response: 3032166
Conc: 18.61 ug/ml



#13 n-Docosane (C22)

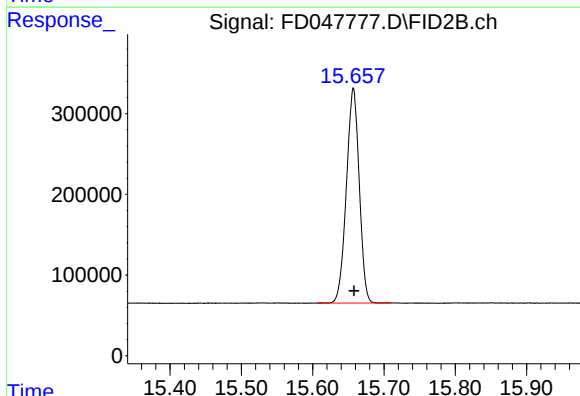
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 3512040
Conc: 18.46 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



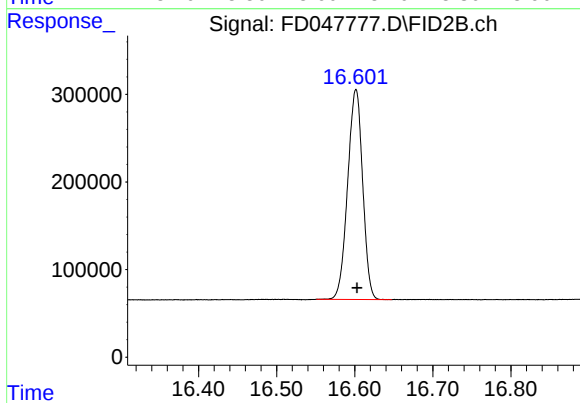
#14 n-Tetracosane (C24)

R.T.: 14.641 min
Delta R.T.: -0.001 min
Response: 3447097
Conc: 18.33 ug/ml



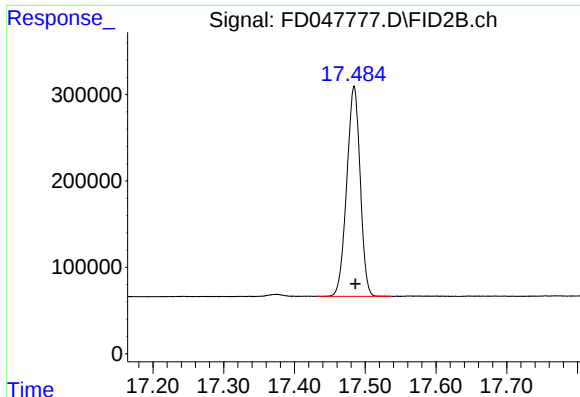
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: 0.000 min
Response: 3332906
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

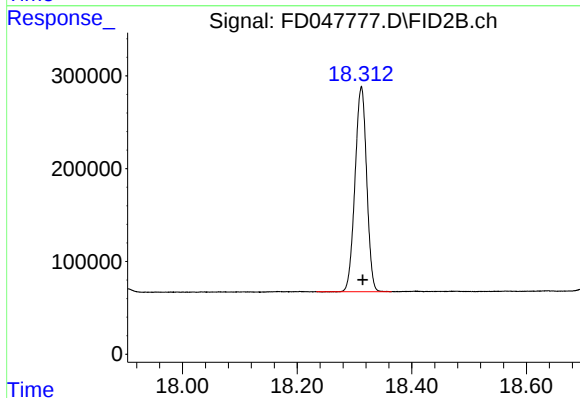
R.T.: 16.602 min
Delta R.T.: -0.001 min
Response: 3204936
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

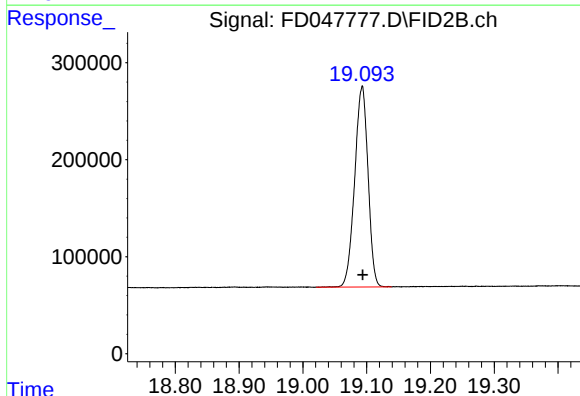
R.T.: 17.484 min
Delta R.T.: -0.002 min
Response: 3209890
Conc: 18.39 ug/ml

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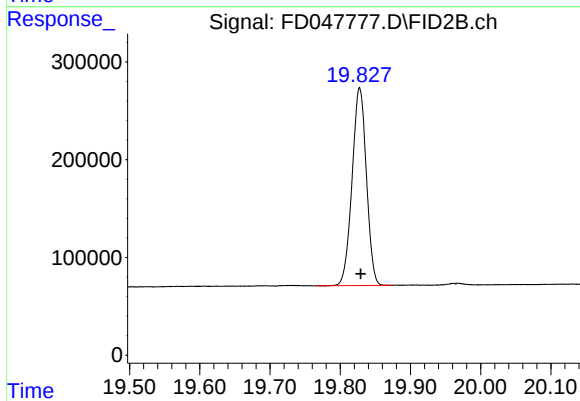
#18 n-Dotriacontane (C32)

R.T.: 18.312 min
Delta R.T.: -0.003 min
Response: 3114403
Conc: 18.29 ug/ml



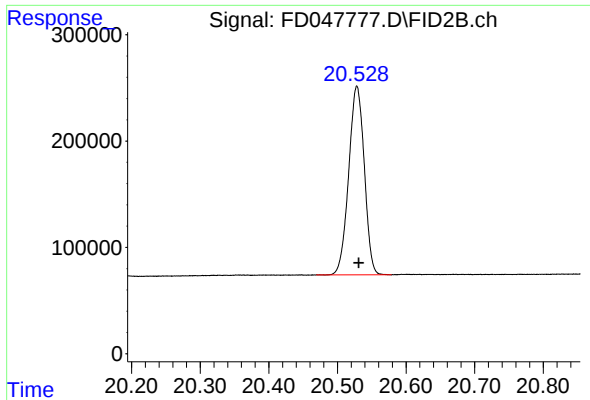
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: 0.000 min
Response: 3006462
Conc: 18.64 ug/ml



#20 n-Hexatriacontane (C36)

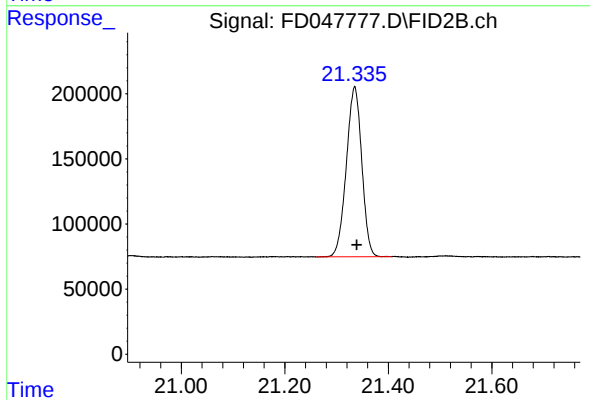
R.T.: 19.828 min
Delta R.T.: -0.002 min
Response: 2866771
Conc: 18.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.528 min
Delta R.T.: -0.003 min
Response: 2801978
Conc: 19.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.335 min
Delta R.T.: -0.004 min
Response: 2700199
Conc: 19.04 ug/ml