

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100923AL\
 Data File : FD046691.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 15:08
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 23:47:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 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)	11.382	4368510	20.525 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	12.816	3235108	20.531 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
Target Compounds			
1) T n-Nonane (C9)	3.216	3338365	20.188 ug/ml
2) T n-Decane (C10)	4.269	3373177	20.010 ug/ml
3) T A~Naphthalene (C11.7)	5.827	3754443	20.102 ug/ml
4) T n-Dodecane (C12)	6.269	3411355	20.083 ug/ml
5) T A~2-methylnaphthalene...	6.876	3692392	20.433 ug/ml
6) T n-Tetradecane (C14)	8.053	3403594	20.114 ug/ml
7) T n-Hexadecane (C16)	9.644	3504717	19.838 ug/ml
8) T n-Octadecane (C18)	11.078	3600751	19.640 ug/ml
10) T n-Eicosane (C20)	12.378	3586109	19.835 ug/ml
11) T n-Heneicosane (C21)	12.986	3576358	19.889 ug/ml
13) T n-Docosane (C22)	13.568	3571465	19.773 ug/ml
14) T n-Tetracosane (C24)	14.663	3585300	19.559 ug/ml
15) T n-Hexacosane (C26)	15.675	3479156	19.445 ug/ml
16) T n-Octacosane (C28)	16.619	3341025	19.357 ug/ml
17) T n-Tricontane (C30)	17.498	3263492	18.981 ug/ml
18) T n-Dotriacontane (C32)	18.325	3120247	19.080 ug/ml
19) T n-Tetratriacontane (C34)	19.102	2936349	18.840 ug/ml
20) T n-Hexatriacontane (C36)	19.835	2779966	19.772 ug/ml
21) T n-Octatriacontane (C38)	20.534	2649837	19.790 ug/ml
22) T n-Tetracontane (C40)	21.347	2542491	20.113 ug/ml

(f)=RT Delta > 1/2 Window

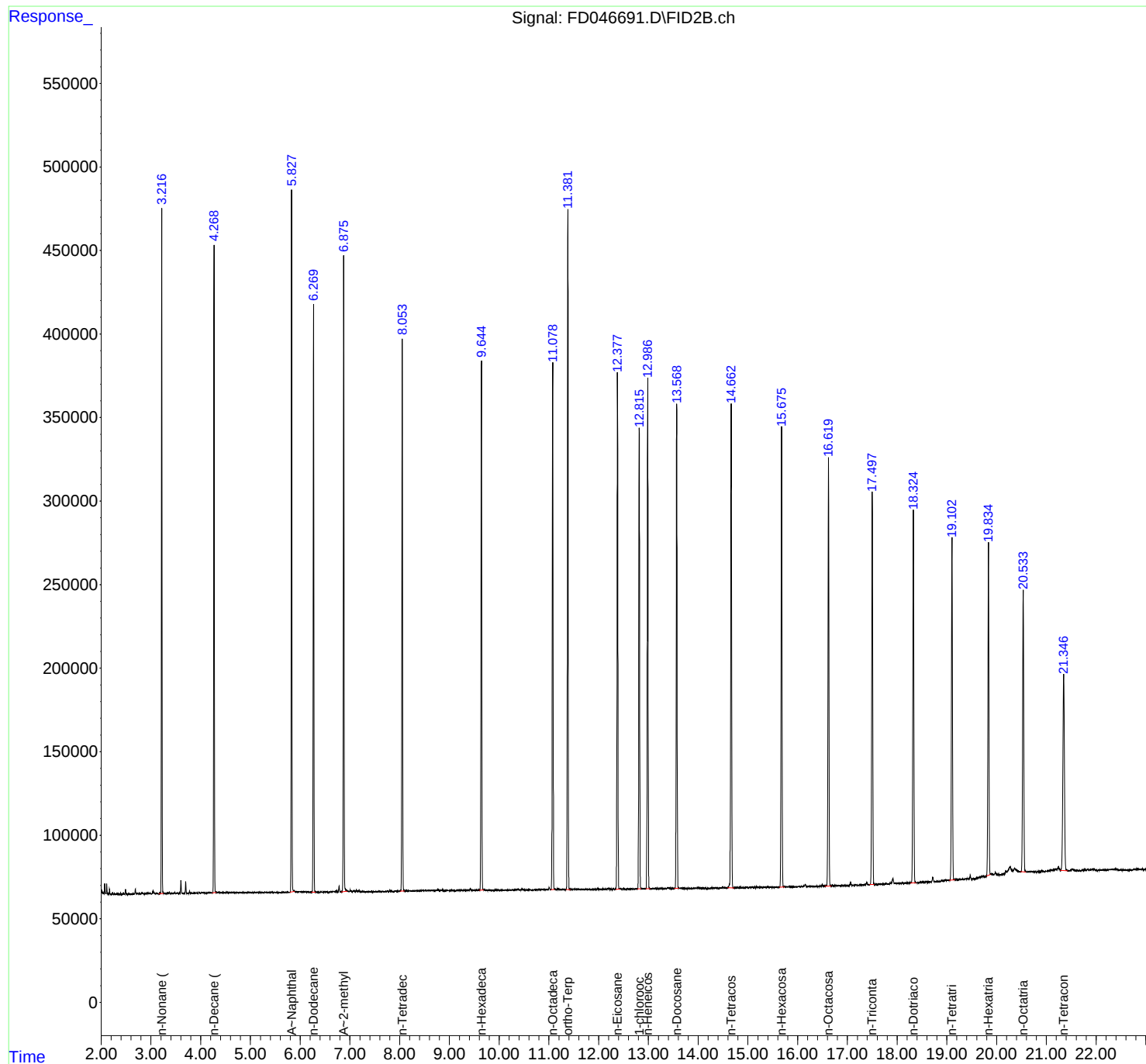
(m)=manual int.

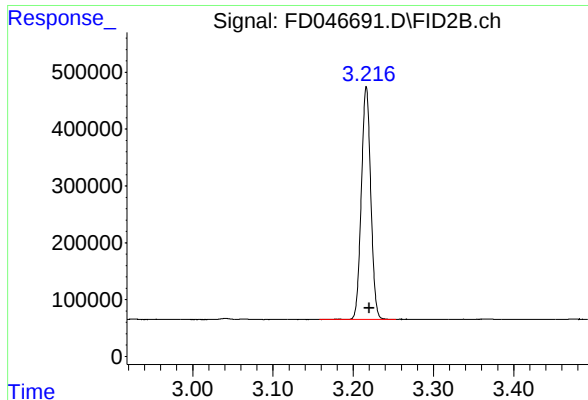
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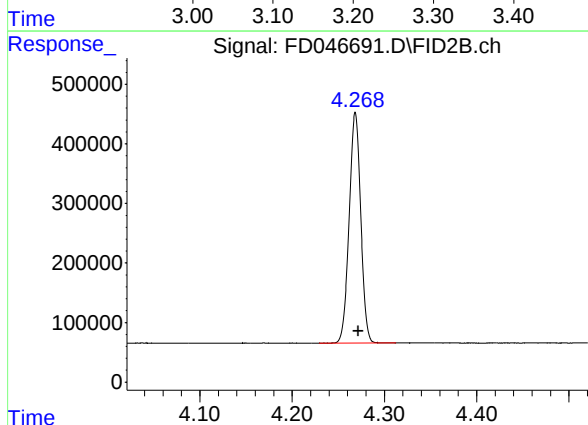




#1 n-Nonane (C9)

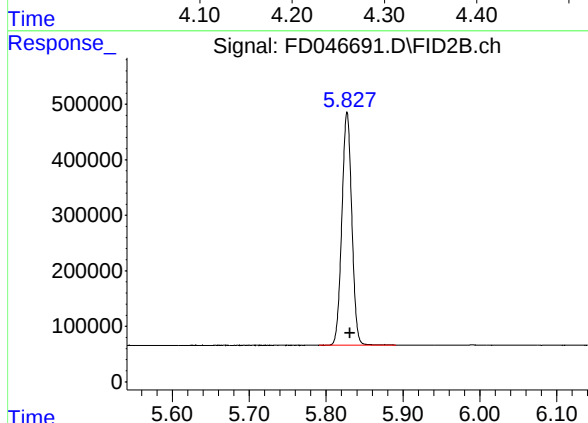
R.T.: 3.216 min
Delta R.T.: -0.004 min
Response: 3338365
Conc: 20.19 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



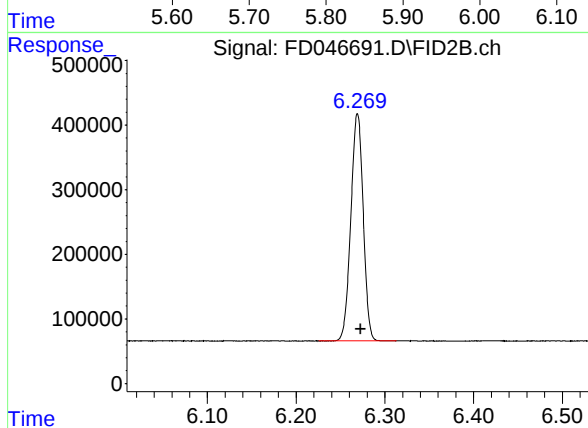
#2 n-Decane (C10)

R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 3373177
Conc: 20.01 ug/ml



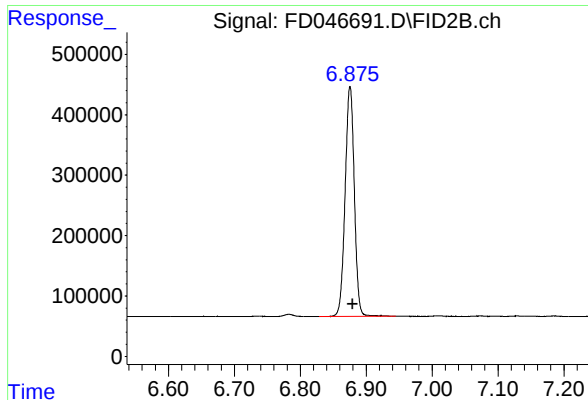
#3 A~Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: -0.004 min
Response: 3754443
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

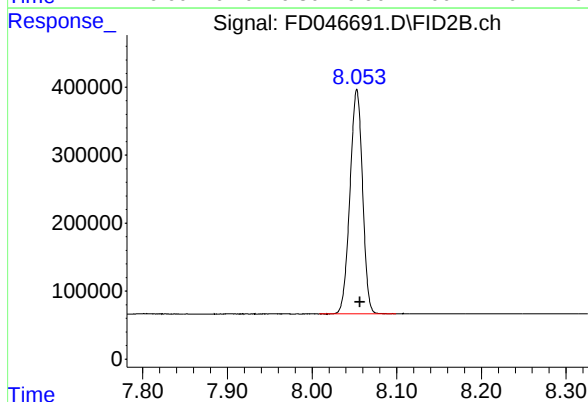
R.T.: 6.269 min
Delta R.T.: -0.004 min
Response: 3411355
Conc: 20.08 ug/ml



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

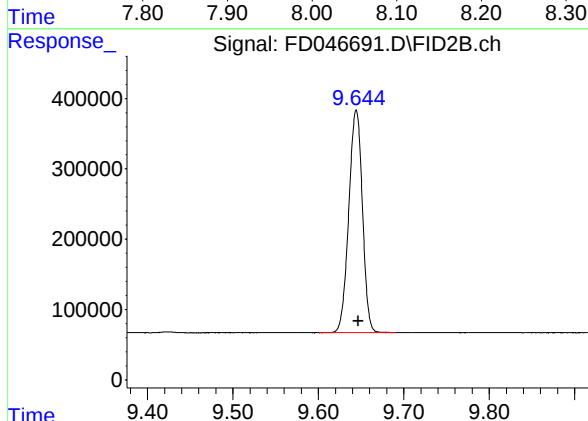
R.T.: 6.876 min
Delta R.T.: -0.004 min
Response: 3692392
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



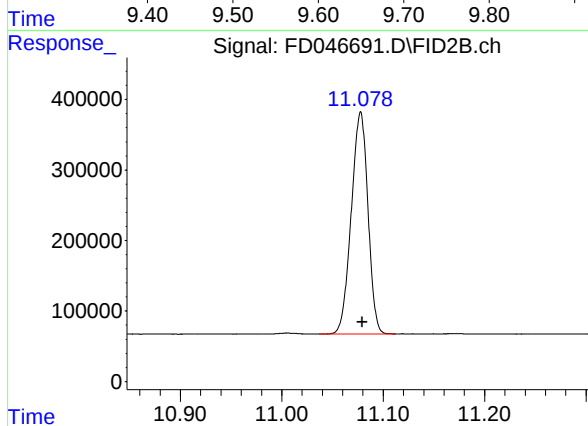
#6 n-Tetradecane (C14)

R.T.: 8.053 min
Delta R.T.: -0.004 min
Response: 3403594
Conc: 20.11 ug/ml



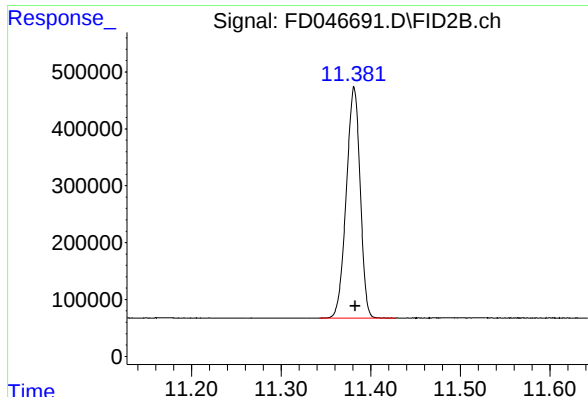
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: -0.002 min
Response: 3504717
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

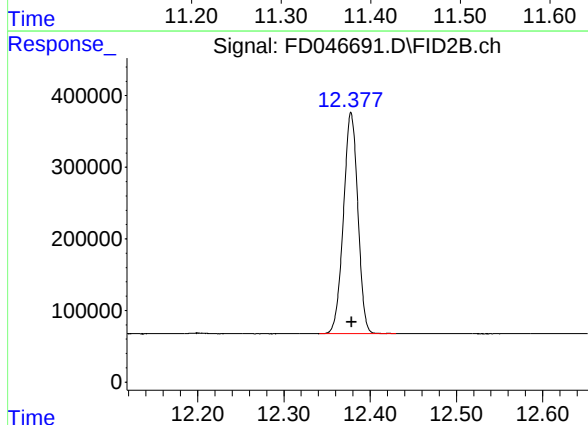
R.T.: 11.078 min
Delta R.T.: -0.002 min
Response: 3600751
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

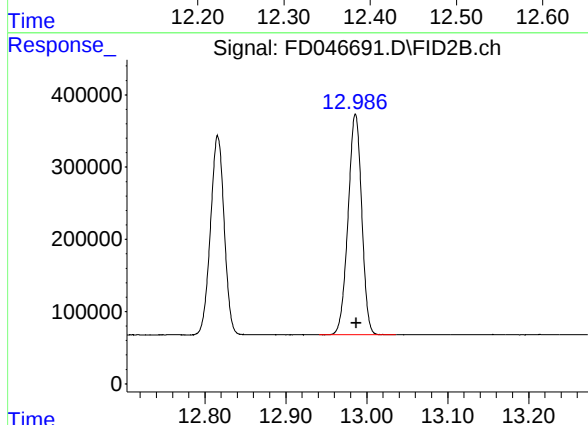
R.T.: 11.382 min
Delta R.T.: -0.001 min
Response: 4368510
Conc: 20.52 ug/ml

Instrument :
FID_D
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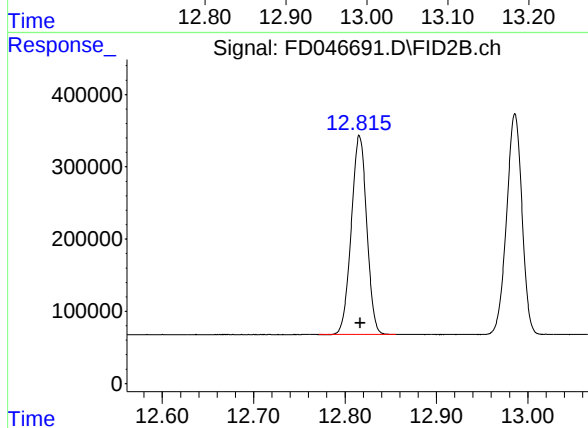
#10 n-Eicosane (C20)

R.T.: 12.378 min
Delta R.T.: 0.000 min
Response: 3586109
Conc: 19.84 ug/ml



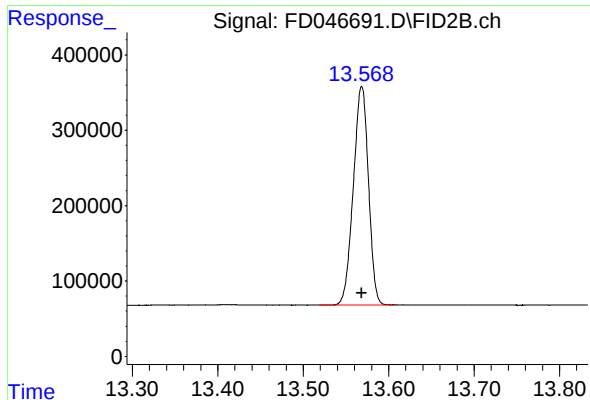
#11 n-Heneicosane (C21)

R.T.: 12.986 min
Delta R.T.: 0.000 min
Response: 3576358
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

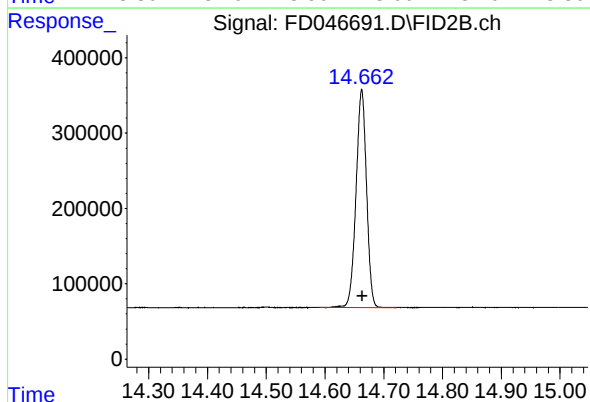
R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 3235108
Conc: 20.53 ug/ml



#13 n-Docosane (C22)

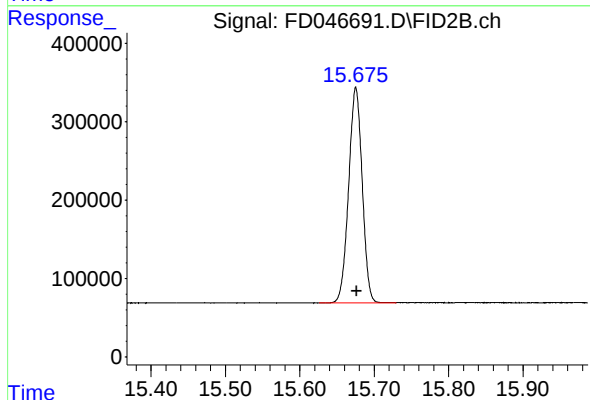
R.T.: 13.568 min
Delta R.T.: 0.000 min
Response: 3571465
Conc: 19.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



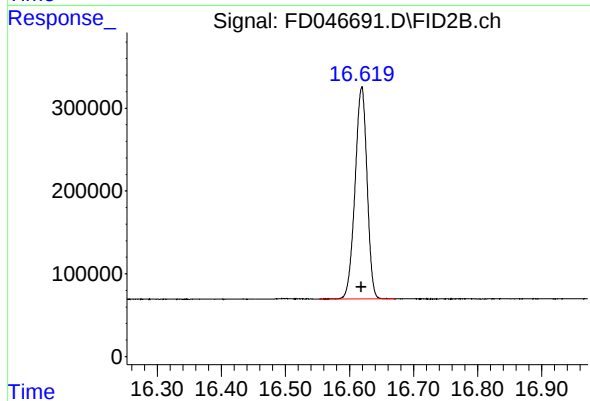
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: 0.000 min
Response: 3585300
Conc: 19.56 ug/ml



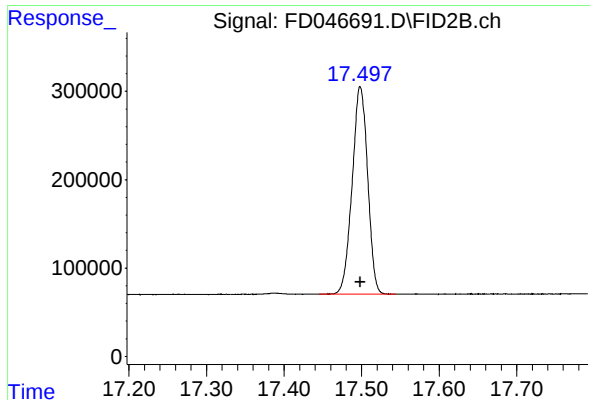
#15 n-Hexacosane (C26)

R.T.: 15.675 min
Delta R.T.: 0.000 min
Response: 3479156
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

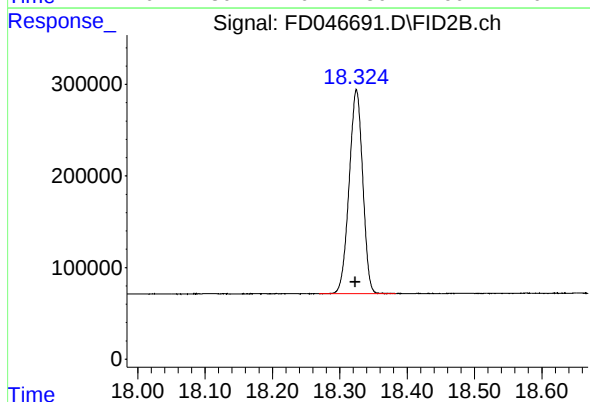
R.T.: 16.619 min
Delta R.T.: 0.000 min
Response: 3341025
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

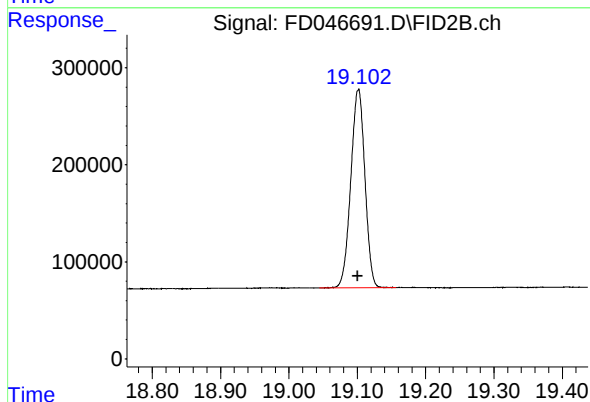
R.T.: 17.498 min
Delta R.T.: 0.000 min
Response: 3263492
Conc: 18.98 ug/ml

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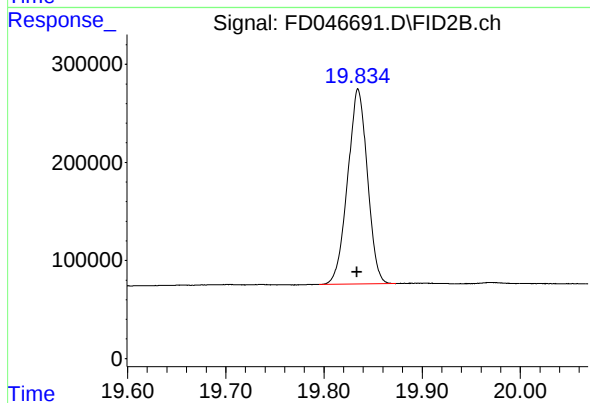
#18 n-Dotriacontane (C32)

R.T.: 18.325 min
Delta R.T.: 0.002 min
Response: 3120247
Conc: 19.08 ug/ml



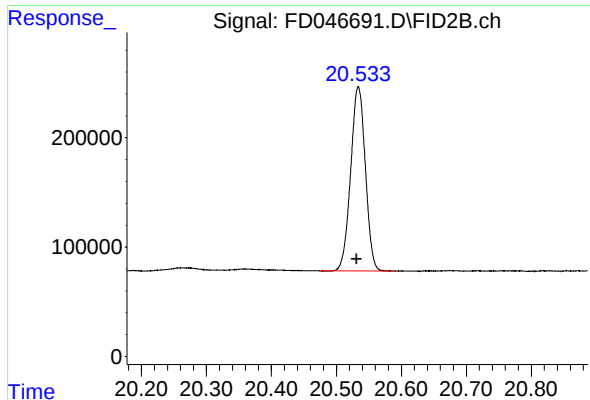
#19 n-Tetatriacontane (C34)

R.T.: 19.102 min
Delta R.T.: 0.001 min
Response: 2936349
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

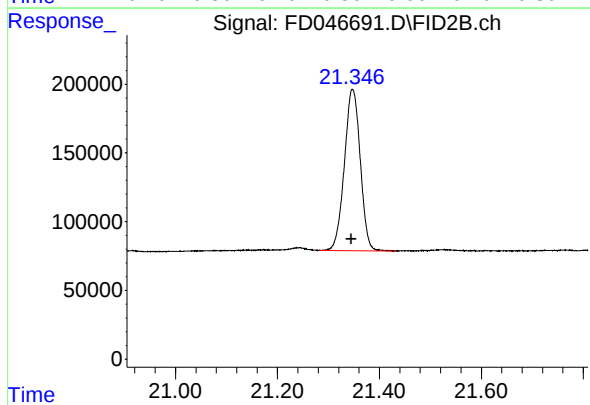
R.T.: 19.835 min
Delta R.T.: 0.001 min
Response: 2779966
Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.534 min
Delta R.T.: 0.003 min
Response: 2649837
Conc: 19.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.347 min
Delta R.T.: 0.002 min
Response: 2542491
Conc: 20.11 ug/ml