

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AL\
 Data File : FD044545.D
 Signal(s) : FID2B.ch
 Acq On : 29 Nov 2022 05:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 29 05:51:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 03:56:58 2022
 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)	11.571	3108881	20.414 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
12) S 1-chlorooctadecane (S...	12.995	2374048	20.370 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T n-Nonane (C9)	3.390	2770258	20.407 ug/ml
2) T n-Decane (C10)	4.450	2726547	20.411 ug/ml
3) T A~Naphthalene (C11.7)	6.024	3170566	20.424 ug/ml
4) T n-Dodecane (C12)	6.452	2769365	20.363 ug/ml
5) T A~2-methylnaphthalene...	7.071	3004189	20.385 ug/ml
6) T n-Tetradecane (C14)	8.234	2810933	20.369 ug/ml
7) T n-Hexadecane (C16)	9.823	2854258	20.356 ug/ml
8) T n-Octadecane (C18)	11.255	2856887	20.392 ug/ml
10) T n-Eicosane (C20)	12.554	2753961	20.395 ug/ml
11) T n-Heneicosane (C21)	13.162	2756932	20.400 ug/ml
13) T n-Docosane (C22)	13.743	2713257	20.385 ug/ml
14) T n-Tetracosane (C24)	14.838	2671510	20.379 ug/ml
15) T n-Hexacosane (C26)	15.850	2583267	20.400 ug/ml
16) T n-Octacosane (C28)	16.792	2505121	20.325 ug/ml
17) T n-Tricontane (C30)	17.672	2460570	20.394 ug/ml
18) T n-Dotriacontane (C32)	18.498	2449658	20.481 ug/ml
19) T n-Tetratriacontane (C34)	19.274	2417256	20.423 ug/ml
20) T n-Hexatriacontane (C36)	20.007	2304906	20.333 ug/ml
21) T n-Octatriacontane (C38)	20.722	2305824	20.361 ug/ml
22) T n-Tetracontane (C40)	21.593	2268736	20.061 ug/ml

(f)=RT Delta > 1/2 Window

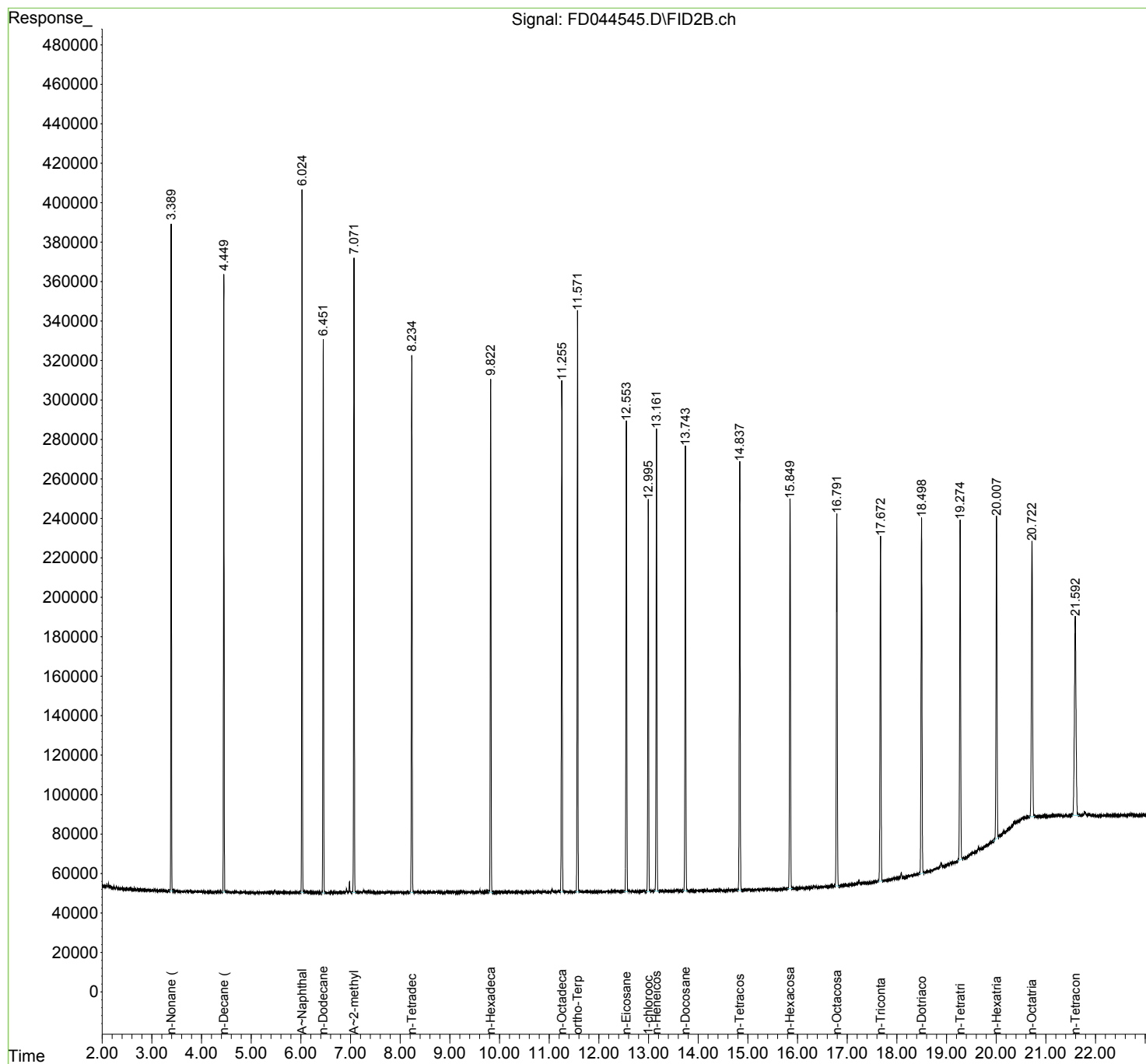
(m)=manual int.

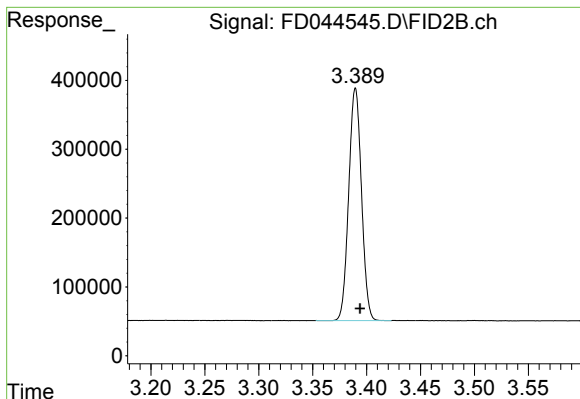
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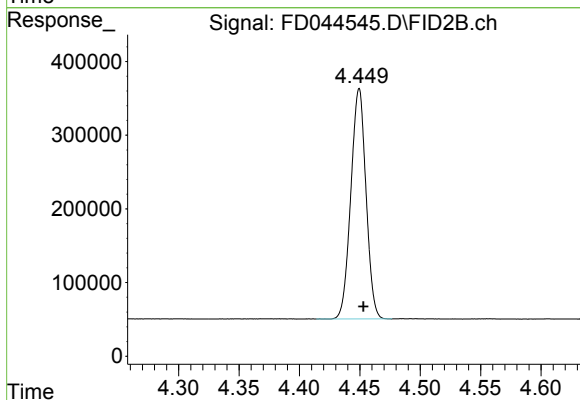




#1 n-Nonane (C9)

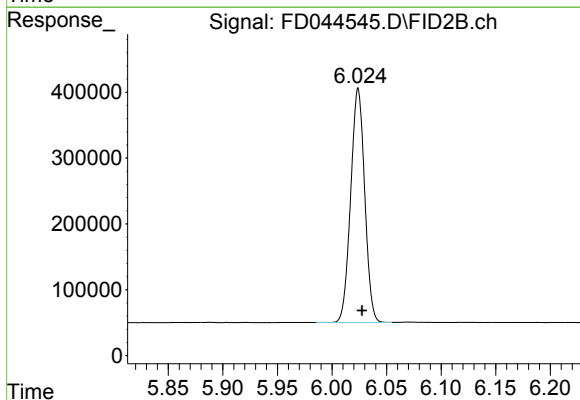
R.T.: 3.390 min
Delta R.T.: -0.004 min
Response: 2770258
Conc: 20.41 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



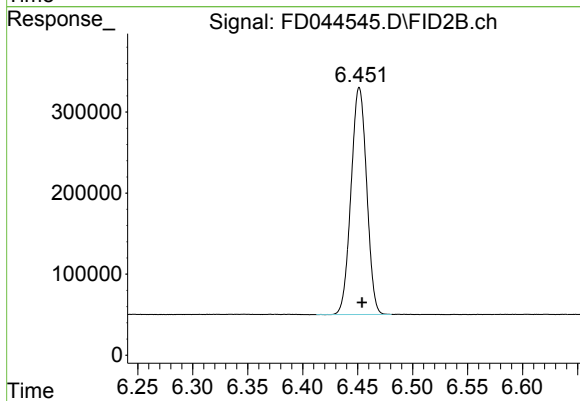
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.003 min
Response: 2726547
Conc: 20.41 ug/ml



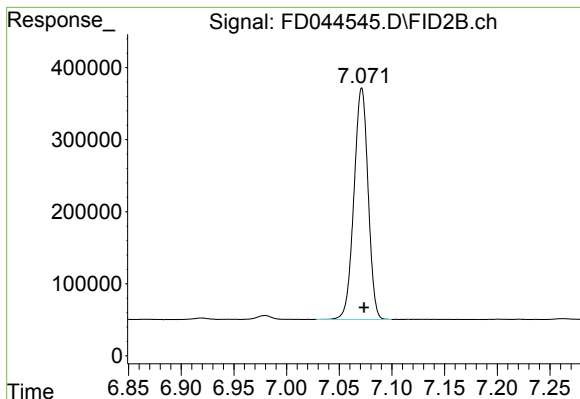
#3 A~Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 3170566
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

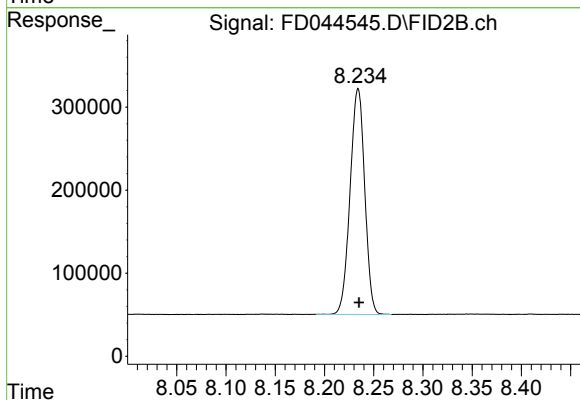
R.T.: 6.452 min
Delta R.T.: -0.003 min
Response: 2769365
Conc: 20.36 ug/ml



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

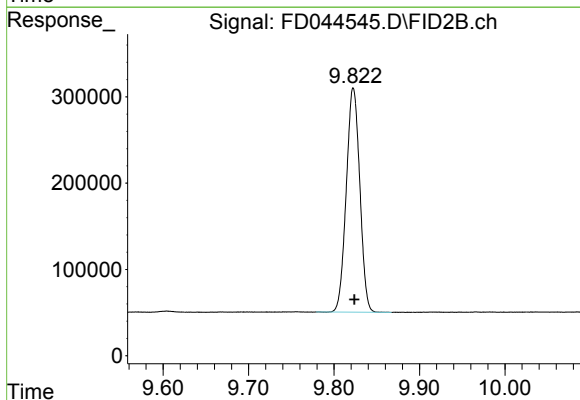
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 3004189
Conc: 20.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



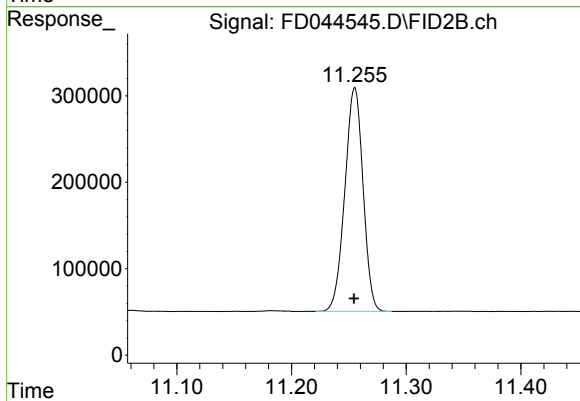
#6 n-Tetradecane (C14)

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 2810933
Conc: 20.37 ug/ml



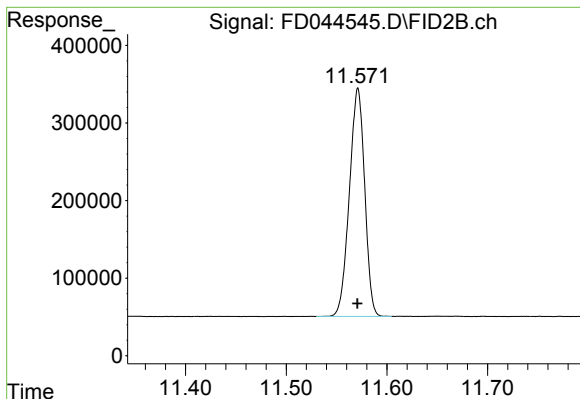
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.001 min
Response: 2854258
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

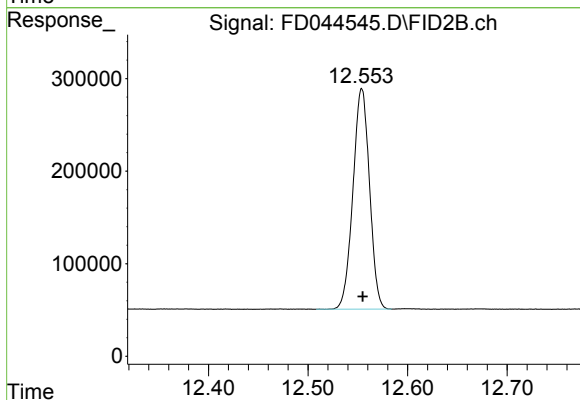
R.T.: 11.255 min
Delta R.T.: 0.000 min
Response: 2856887
Conc: 20.39 ug/ml



#9 ortho-Terphenyl (SURR)

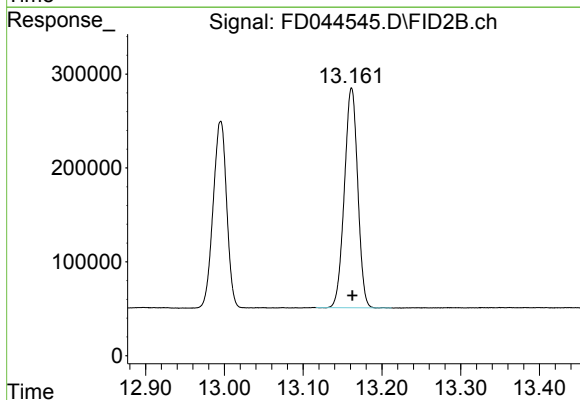
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 3108881
Conc: 20.41 ug/ml

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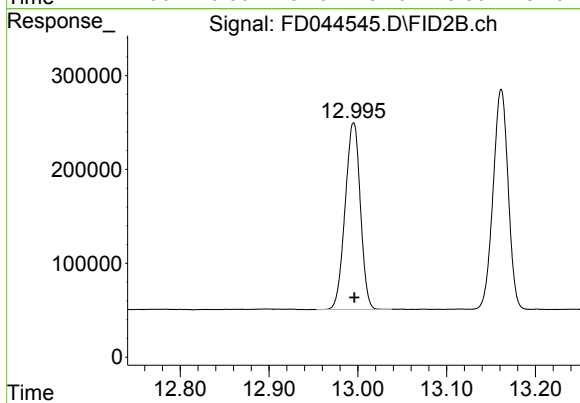
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.001 min
Response: 2753961
Conc: 20.39 ug/ml



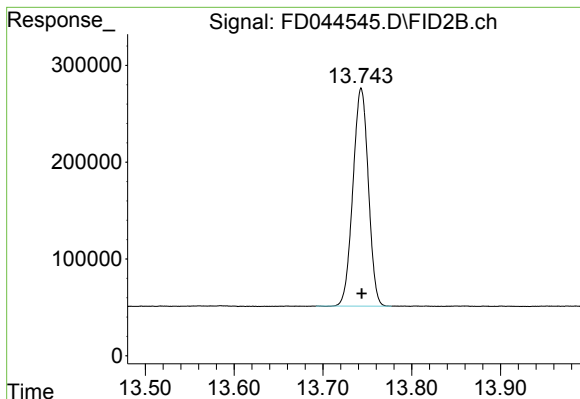
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: 0.000 min
Response: 2756932
Conc: 20.40 ug/ml



#12 1-chlorooctadecane (SURR)

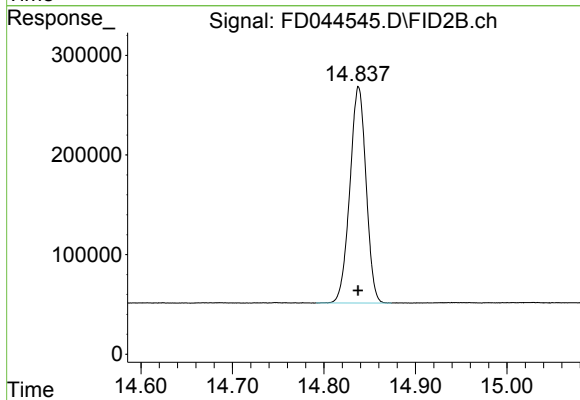
R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 2374048
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

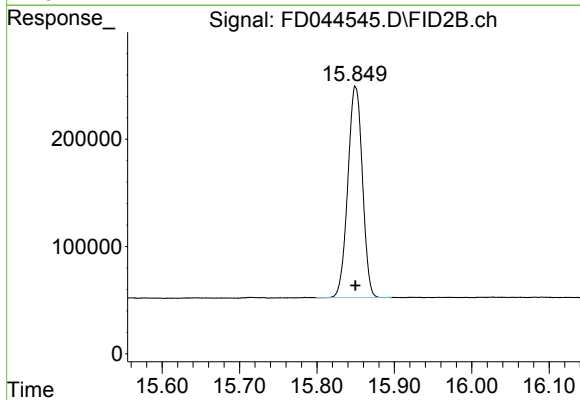
R.T.: 13.743 min
Delta R.T.: 0.000 min
Response: 2713257
Conc: 20.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



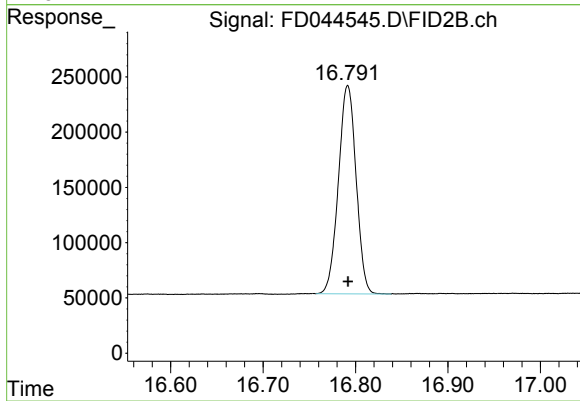
#14 n-Tetracosane (C24)

R.T.: 14.838 min
Delta R.T.: 0.000 min
Response: 2671510
Conc: 20.38 ug/ml



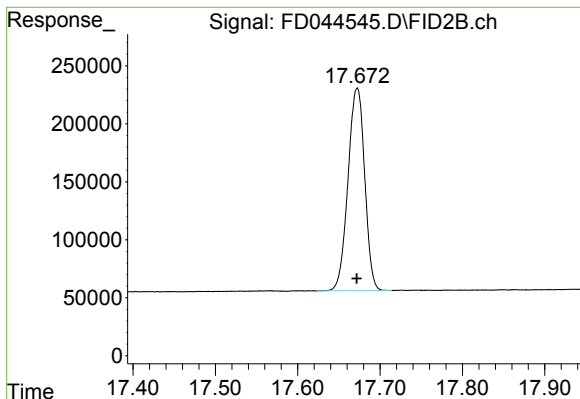
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: 0.000 min
Response: 2583267
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

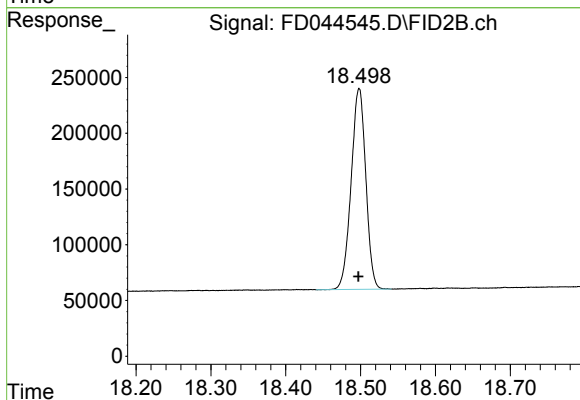
R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 2505121
Conc: 20.32 ug/ml



#17 n-Tricontane (C30)

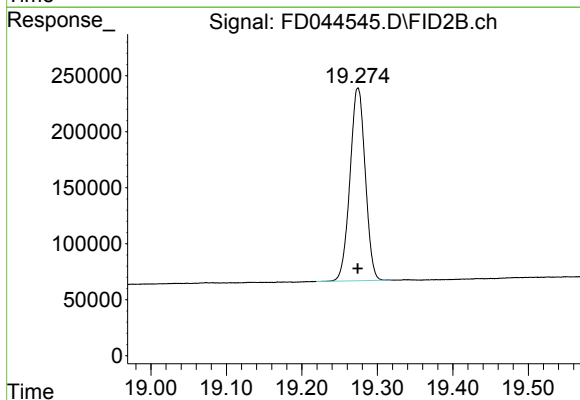
R.T.: 17.672 min
Delta R.T.: 0.000 min
Response: 2460570
Conc: 20.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



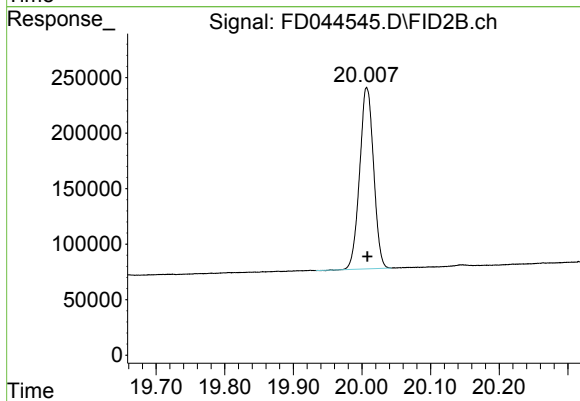
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: 0.001 min
Response: 2449658
Conc: 20.48 ug/ml



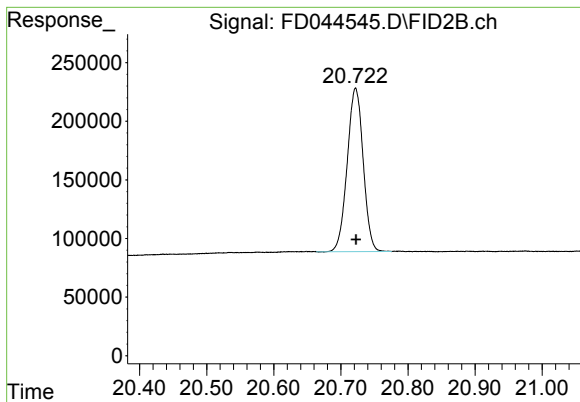
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.000 min
Response: 2417256
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

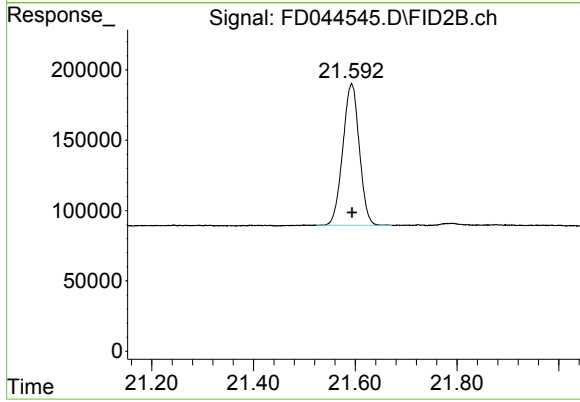
R.T.: 20.007 min
Delta R.T.: 0.000 min
Response: 2304906
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.000 min
Response: 2305824
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: 0.000 min
Response: 2268736
Conc: 20.06 ug/ml