

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AL\
 Data File : FD045768.D
 Signal(s) : FID2B.ch
 Acq On : 27 May 2023 07:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 29 01:20:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Mon May 29 01:19:40 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)	11.430	3889224	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.862	2867731	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.252	3119820	20.000 ug/ml
2) T n-Decane (C10)	4.309	3182051	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.874	3520429	20.000 ug/ml
4) T n-Dodecane (C12)	6.313	3210604	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.923	3415926	20.000 ug/ml
6) T n-Tetradecane (C14)	8.098	3208308	20.000 ug/ml
7) T n-Hexadecane (C16)	9.690	3344284	20.000 ug/ml
8) T n-Octadecane (C18)	11.122	3404056	20.000 ug/ml
10) T n-Eicosane (C20)	12.423	3300119	20.000 ug/ml
11) T n-Heneicosane (C21)	13.031	3244944	20.000 ug/ml
13) T n-Docosane (C22)	13.613	3227867	20.000 ug/ml
14) T n-Tetracosane (C24)	14.708	3194014	20.000 ug/ml
15) T n-Hexacosane (C26)	15.721	3044203	20.000 ug/ml
16) T n-Octacosane (C28)	16.663	2864680	20.000 ug/ml
17) T n-Tricontane (C30)	17.544	2743892	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.370	2584271	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.146	2439028	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.880	2353917	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.583	2355855	20.000 ug/ml
22) T n-Tetracontane (C40)	21.412	2252096	20.000 ug/ml

(f)=RT Delta > 1/2 Window

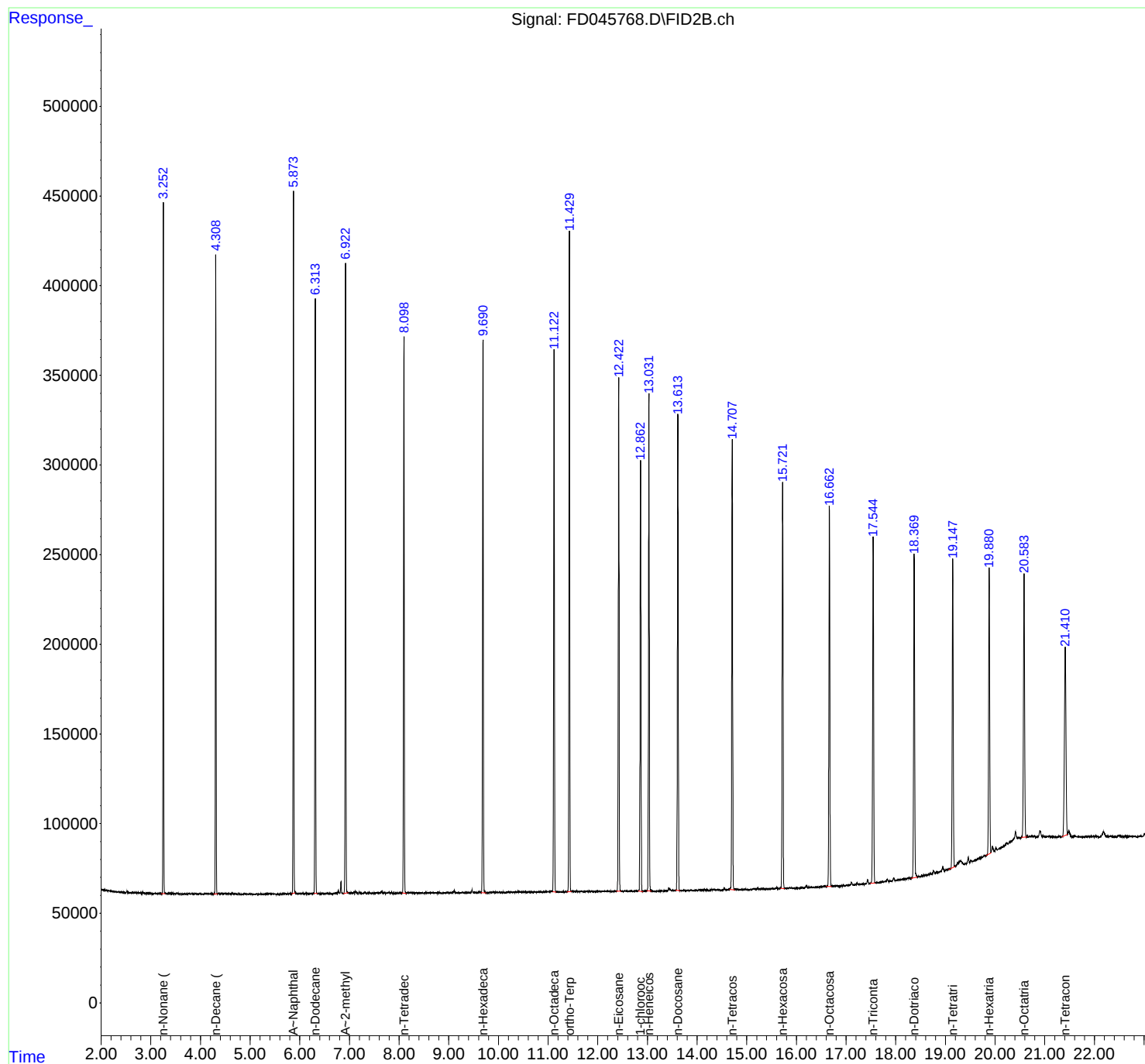
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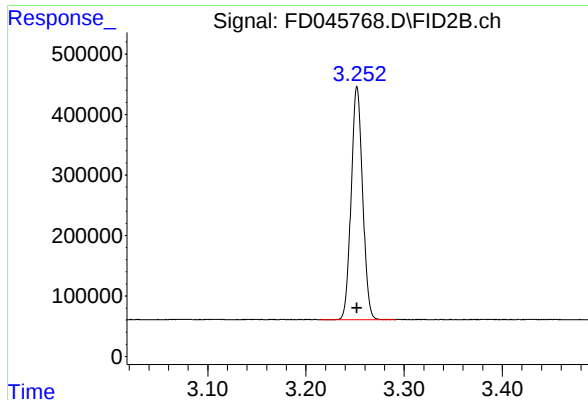
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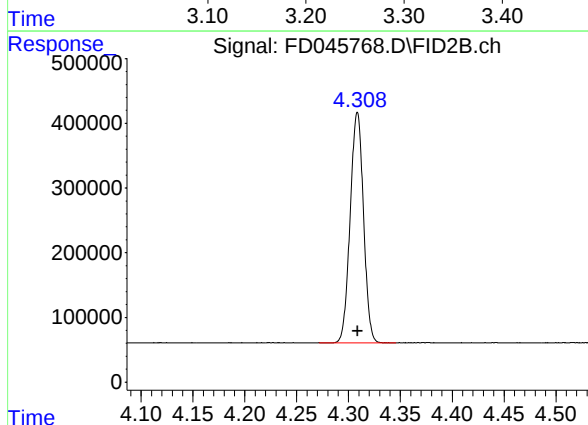




#1 n-Nonane (C9)

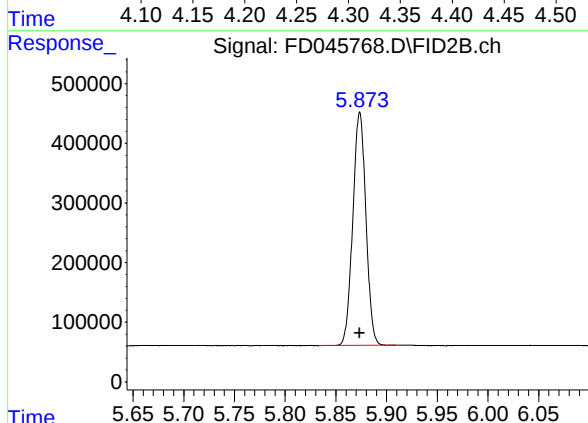
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 3119820
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



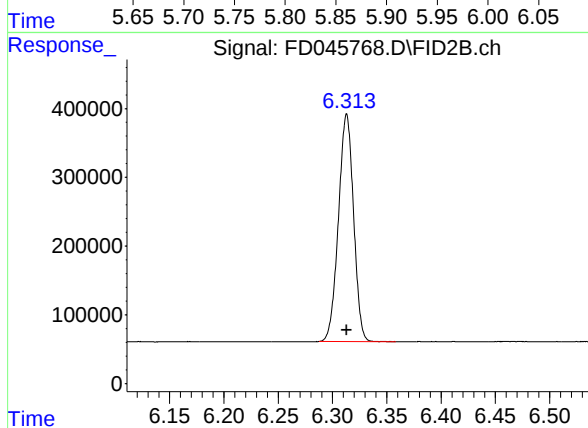
#2 n-Decane (C10)

R.T.: 4.309 min
Delta R.T.: 0.000 min
Response: 3182051
Conc: 20.00 ug/ml



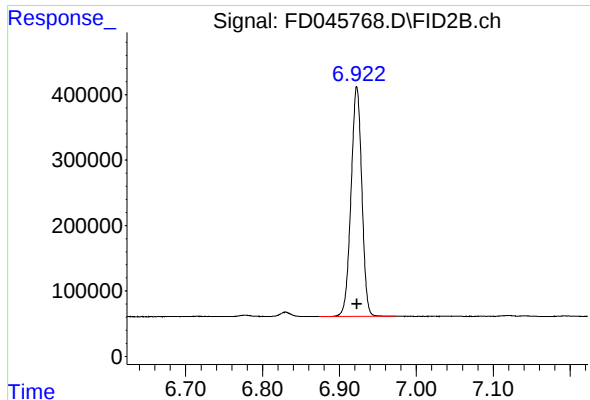
#3 A~Naphthalene (C11.7)

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 3520429
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

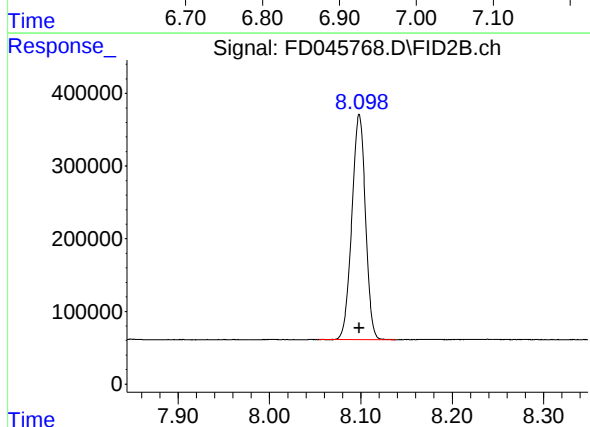
R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 3210604
Conc: 20.00 ug/ml



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

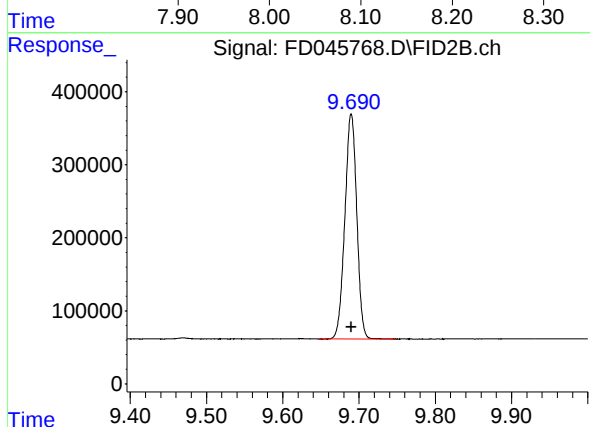
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 3415926
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



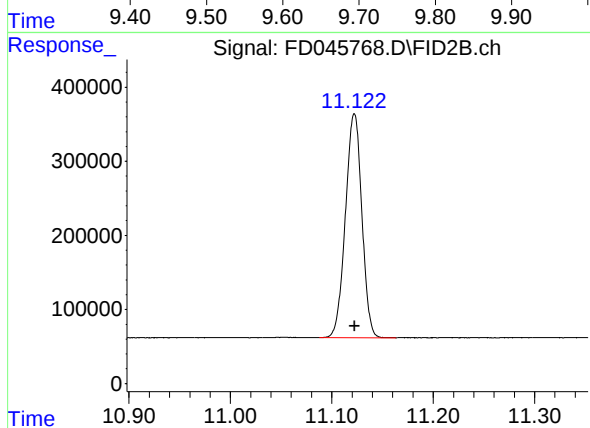
#6 n-Tetradecane (C14)

R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 3208308
Conc: 20.00 ug/ml



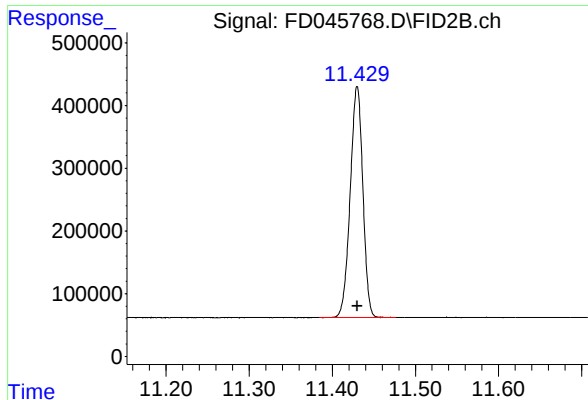
#7 n-Hexadecane (C16)

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 3344284
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

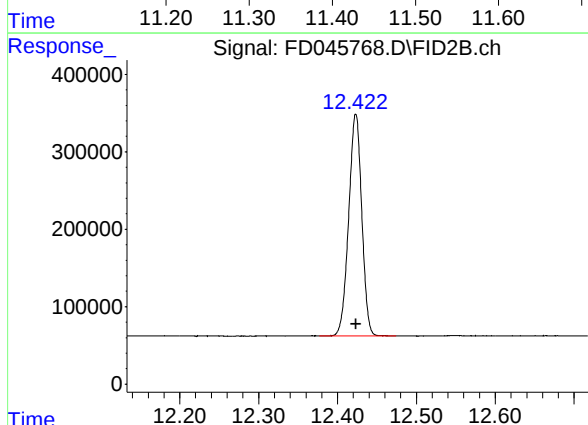
R.T.: 11.122 min
Delta R.T.: 0.000 min
Response: 3404056
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

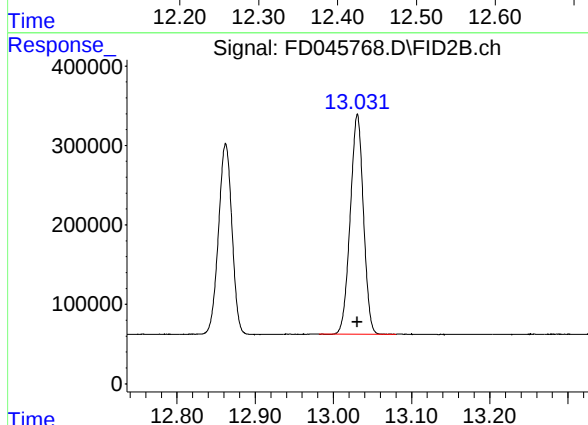
R.T.: 11.430 min
Delta R.T.: 0.000 min
Response: 3889224
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
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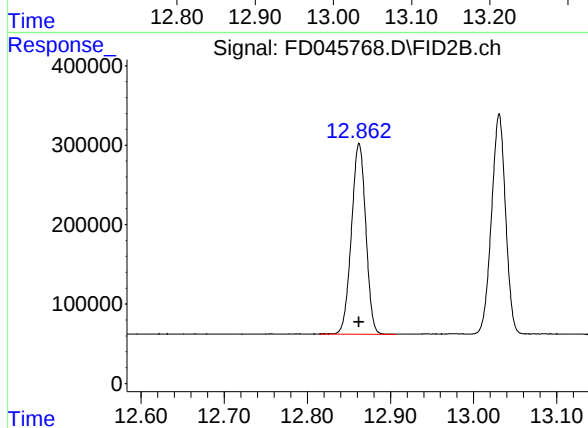
#10 n-Eicosane (C20)

R.T.: 12.423 min
Delta R.T.: 0.000 min
Response: 3300119
Conc: 20.00 ug/ml



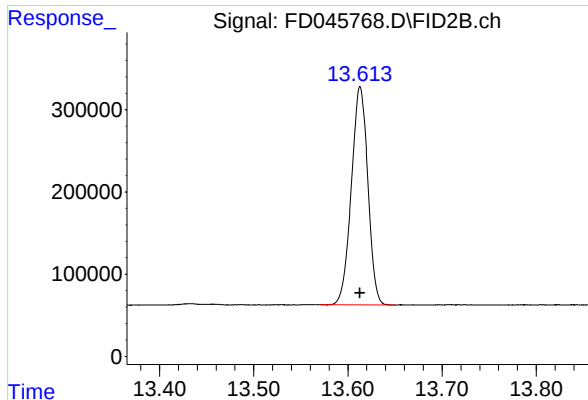
#11 n-Heneicosane (C21)

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 3244944
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

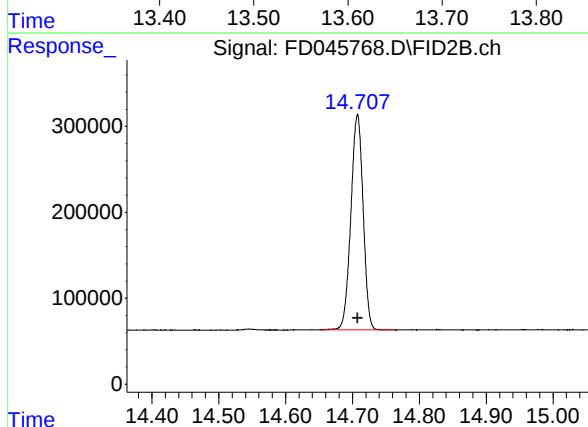
R.T.: 12.862 min
Delta R.T.: 0.000 min
Response: 2867731
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

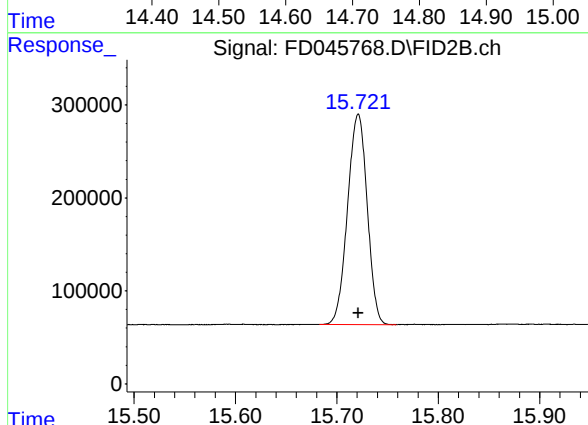
R.T.: 13.613 min
Delta R.T.: 0.000 min
Response: 3227867
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



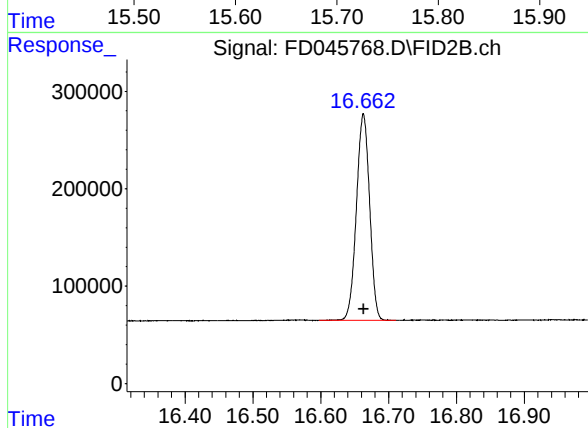
#14 n-Tetracosane (C24)

R.T.: 14.708 min
Delta R.T.: 0.000 min
Response: 3194014
Conc: 20.00 ug/ml



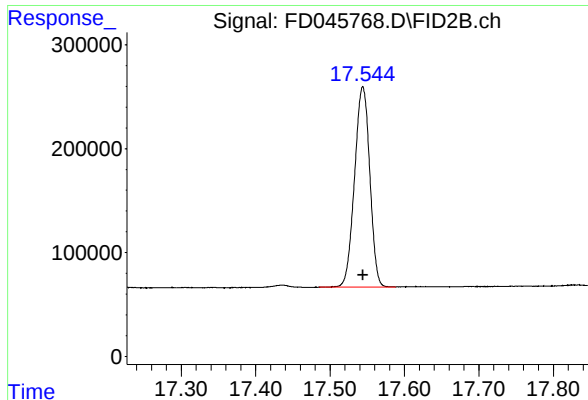
#15 n-Hexacosane (C26)

R.T.: 15.721 min
Delta R.T.: 0.000 min
Response: 3044203
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

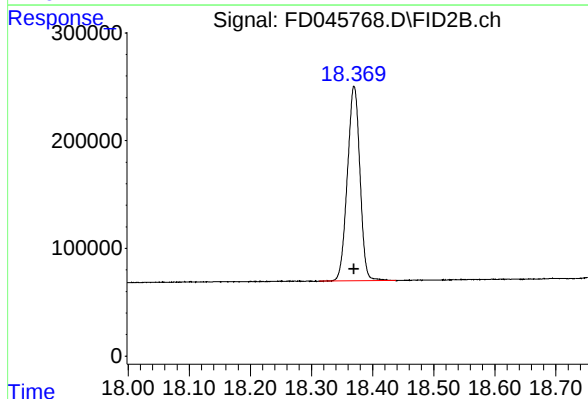
R.T.: 16.663 min
Delta R.T.: 0.000 min
Response: 2864680
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

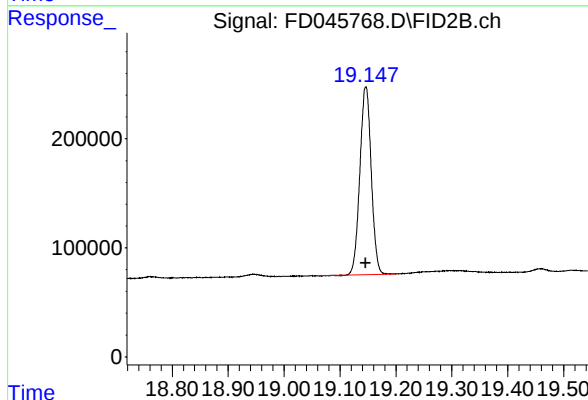
R.T.: 17.544 min
Delta R.T.: 0.000 min
Response: 2743892
Conc: 20.00 ug/ml

Instrument :
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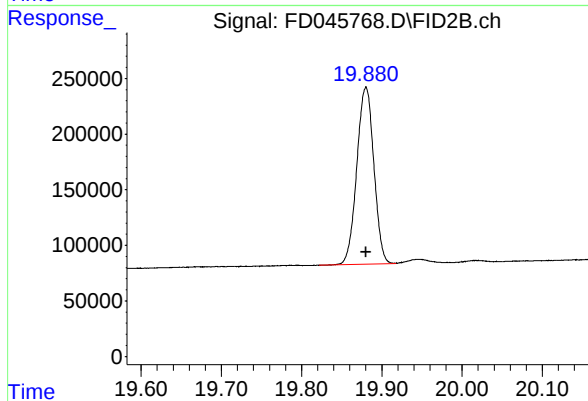
#18 n-Dotriacontane (C32)

R.T.: 18.370 min
Delta R.T.: 0.000 min
Response: 2584271
Conc: 20.00 ug/ml



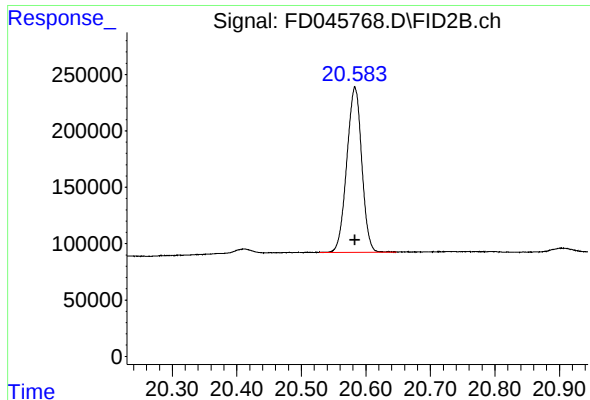
#19 n-Tetatriacontane (C34)

R.T.: 19.146 min
Delta R.T.: 0.000 min
Response: 2439028
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

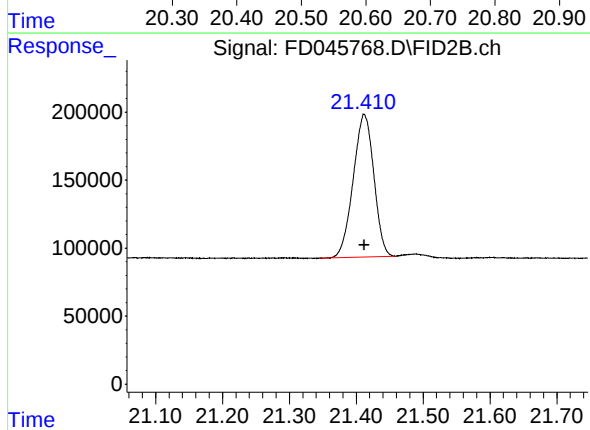
R.T.: 19.880 min
Delta R.T.: 0.000 min
Response: 2353917
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.583 min
Delta R.T.: 0.000 min
Response: 2355855
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.412 min
Delta R.T.: 0.000 min
Response: 2252096
Conc: 20.00 ug/ml