

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AL\
 Data File : FD044722.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 20:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 25 16:50:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:49:21 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)	11.547	3047150	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.972	2310030	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.379	2871313	20.000 ug/ml
2) T n-Decane (C10)	4.437	2818012	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.007	3213188	20.000 ug/ml
4) T n-Dodecane (C12)	6.436	2822586	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.053	3013598	20.000 ug/ml
6) T n-Tetradecane (C14)	8.216	2802053	20.000 ug/ml
7) T n-Hexadecane (C16)	9.804	2825788	20.000 ug/ml
8) T n-Octadecane (C18)	11.234	2824378	20.000 ug/ml
10) T n-Eicosane (C20)	12.532	2688350	20.000 ug/ml
11) T n-Heneicosane (C21)	13.139	2688518	20.000 ug/ml
13) T n-Docosane (C22)	13.720	2635774	20.000 ug/ml
14) T n-Tetracosane (C24)	14.814	2598396	20.000 ug/ml
15) T n-Hexacosane (C26)	15.825	2544335	20.000 ug/ml
16) T n-Octacosane (C28)	16.767	2511311	20.000 ug/ml
17) T n-Tricontane (C30)	17.647	2495362	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.472	2506432	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.247	2484565	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.980	2385829	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.691	2373421	20.000 ug/ml
22) T n-Tetracontane (C40)	21.550	2372239	20.000 ug/ml

(f)=RT Delta > 1/2 Window

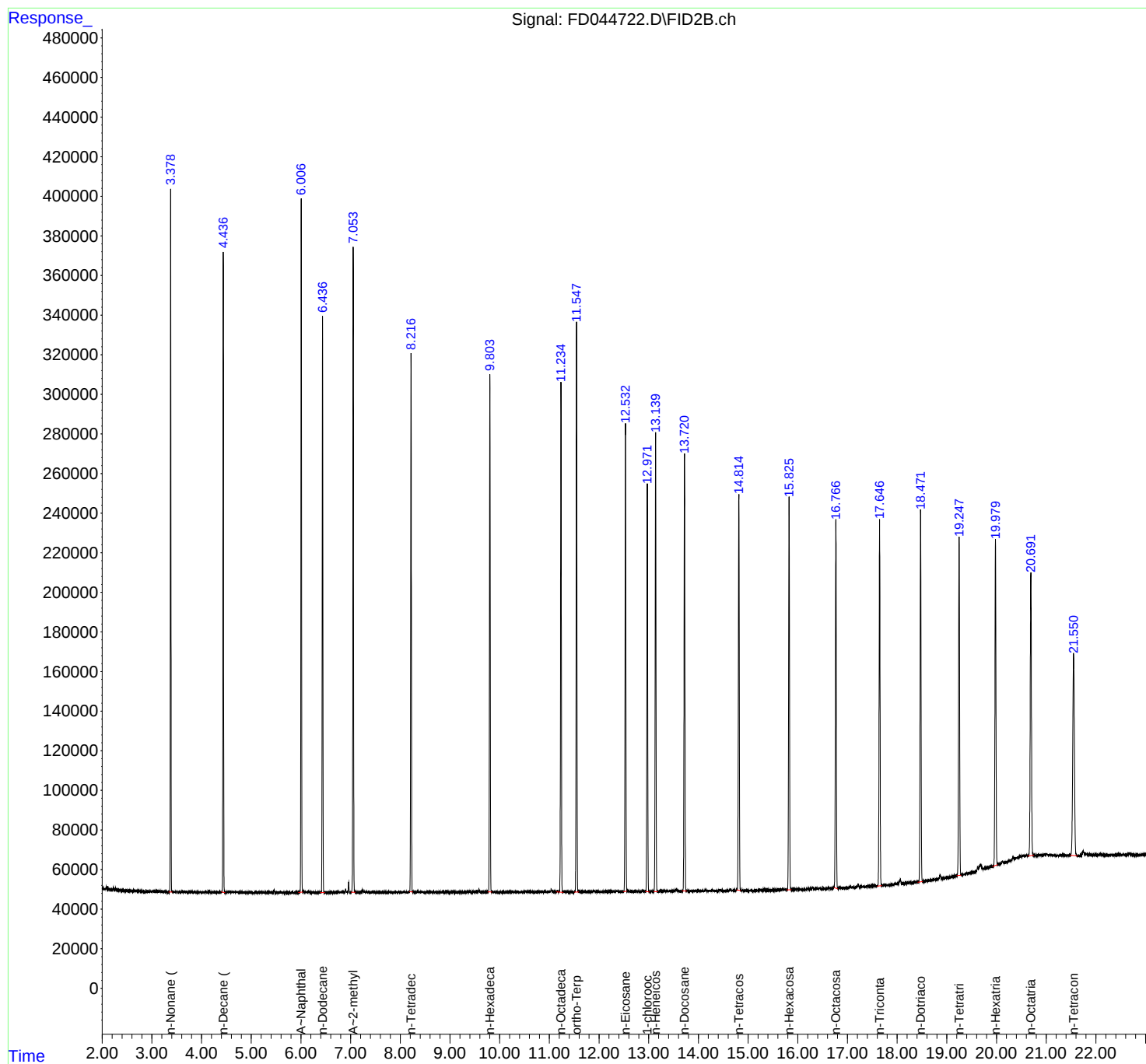
(m)=manual int.

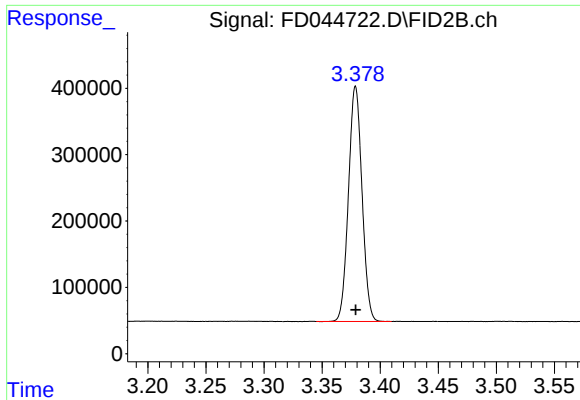
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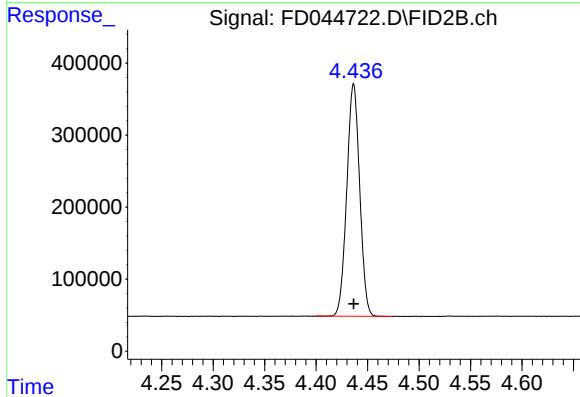




#1 n-Nonane (C9)

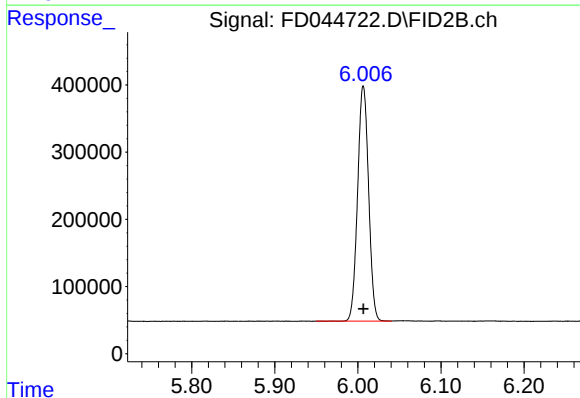
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 2871313
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



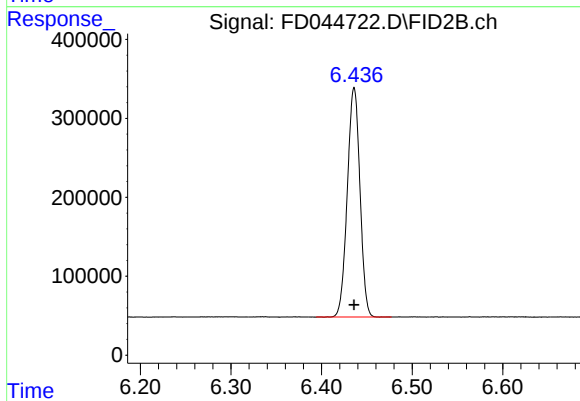
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2818012
Conc: 20.00 ug/ml



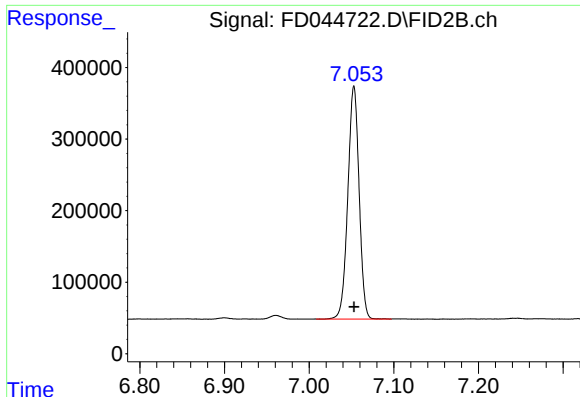
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 3213188
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

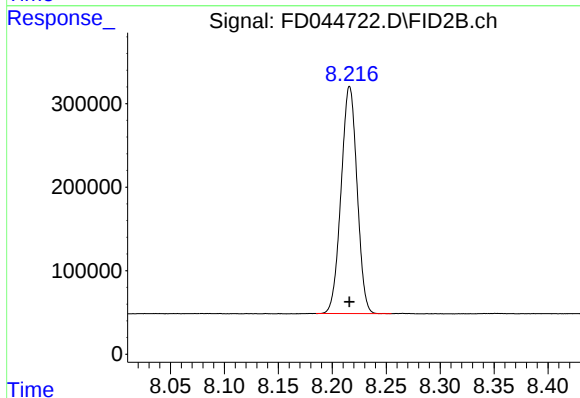
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 2822586
Conc: 20.00 ug/ml



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

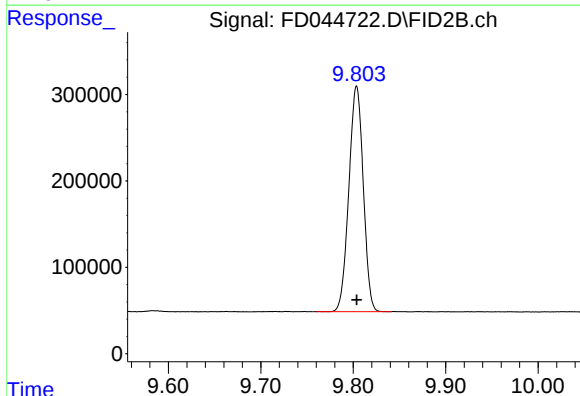
R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 3013598
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



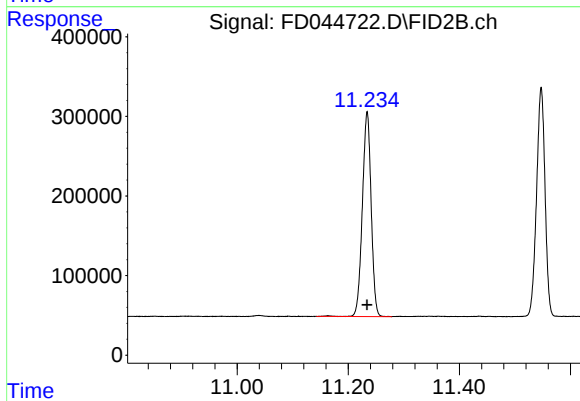
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 2802053
Conc: 20.00 ug/ml



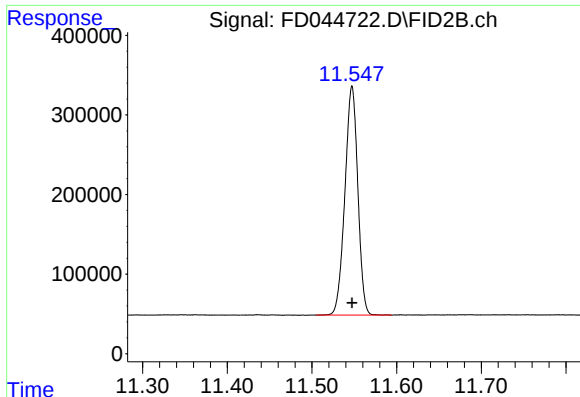
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 2825788
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

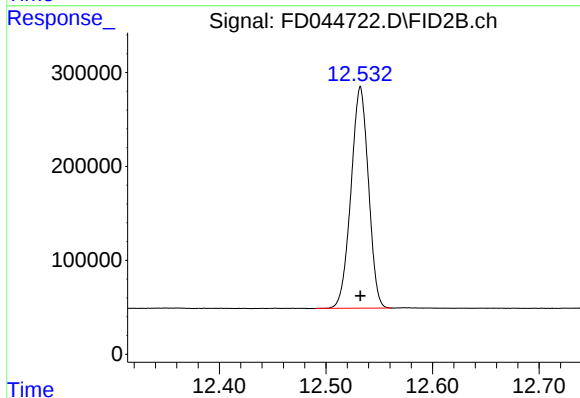
R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 2824378
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

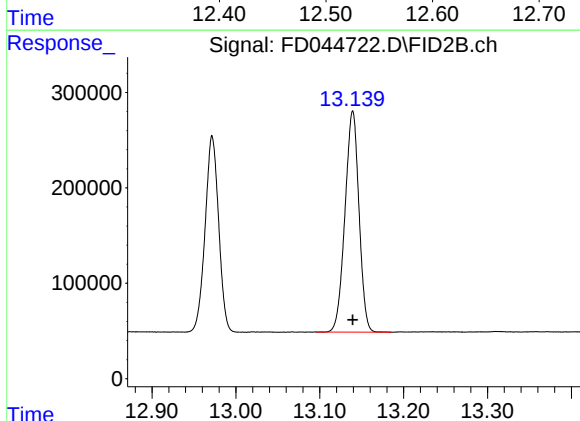
R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 3047150
Conc: 20.00 ug/ml

Instrument :
FID_D
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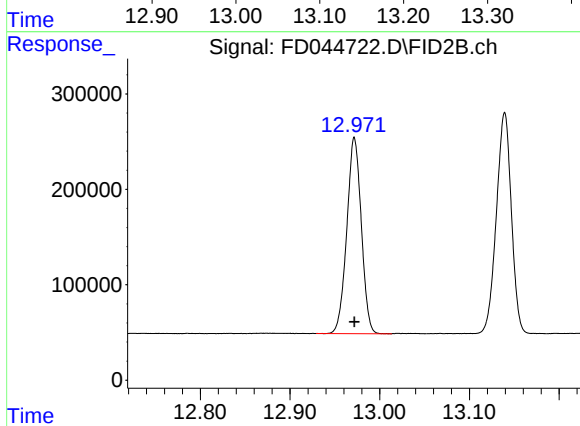
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: 0.000 min
Response: 2688350
Conc: 20.00 ug/ml



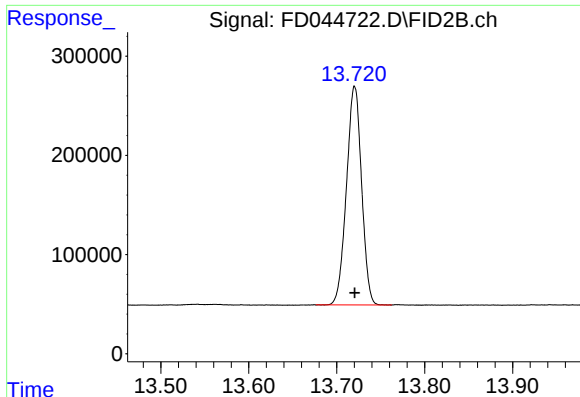
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 2688518
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

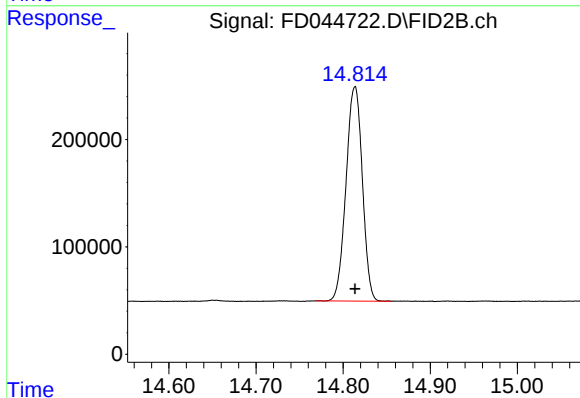
R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 2310030
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

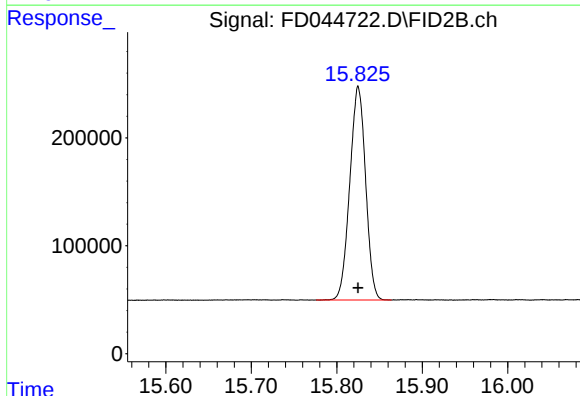
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 2635774
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



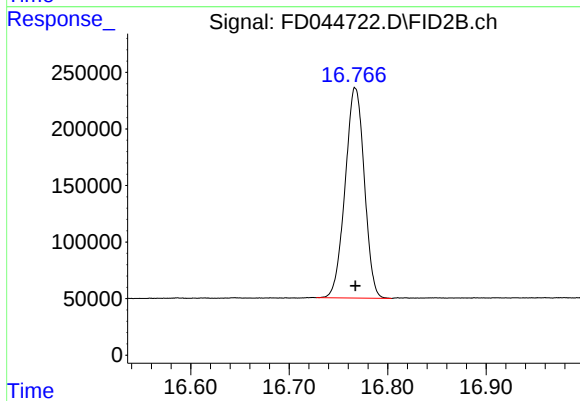
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: 0.000 min
Response: 2598396
Conc: 20.00 ug/ml



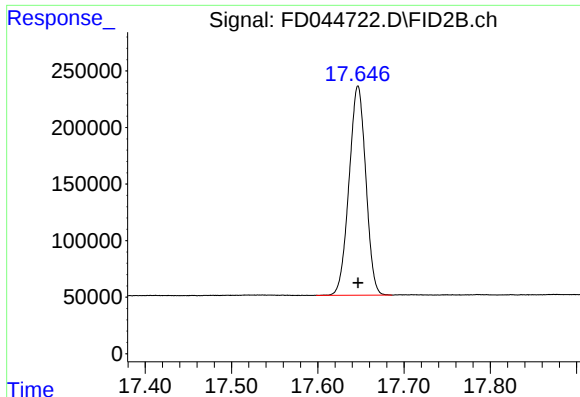
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: 0.000 min
Response: 2544335
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

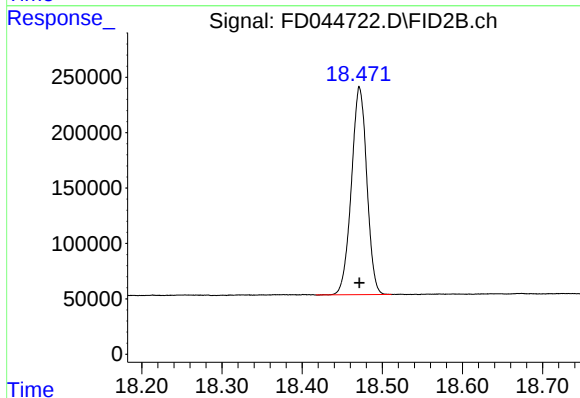
R.T.: 16.767 min
Delta R.T.: 0.000 min
Response: 2511311
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

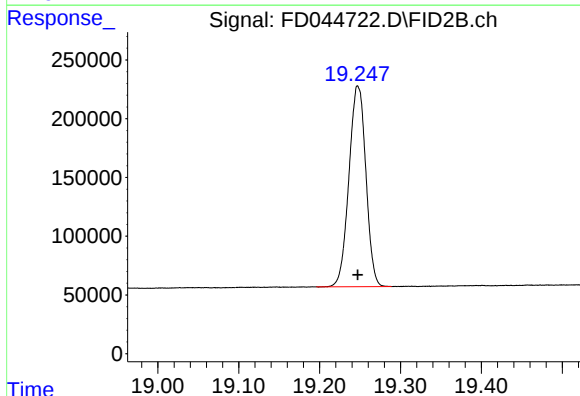
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 2495362
Conc: 20.00 ug/ml

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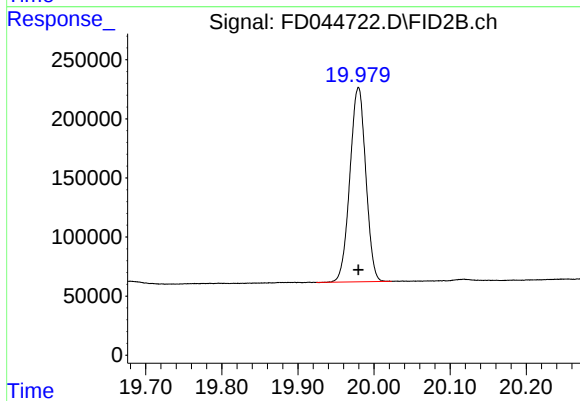
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.000 min
Response: 2506432
Conc: 20.00 ug/ml



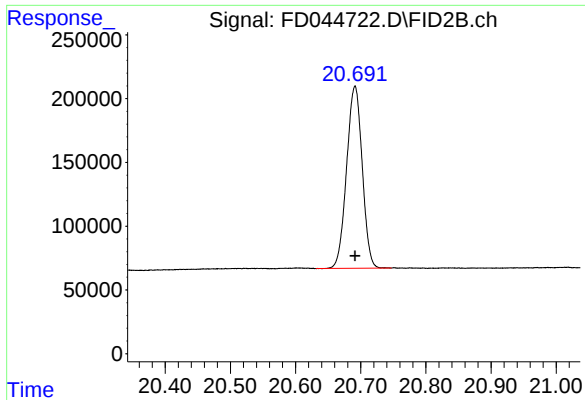
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: 0.000 min
Response: 2484565
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

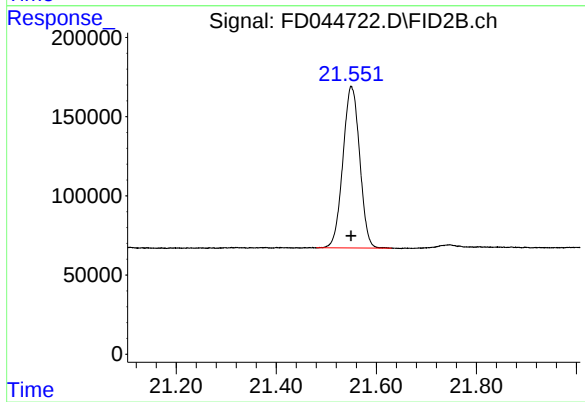
R.T.: 19.980 min
Delta R.T.: 0.000 min
Response: 2385829
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.691 min
Delta R.T.: 0.000 min
Response: 2373421
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: 0.000 min
Response: 2372239
Conc: 20.00 ug/ml