

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AL\
 Data File : FD049224.D
 Signal(s) : FID2B.ch
 Acq On : 03 Apr 2025 01:47
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Apr 03 07:10:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 07:07:22 2025
 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)	11.662	3568156	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.086	2600083	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.430	2469168	20.000 ug/ml
2) T n-Decane (C10)	4.500	2504952	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.089	2940214	20.000 ug/ml
4) T n-Dodecane (C12)	6.516	2530532	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.143	2834547	20.000 ug/ml
6) T n-Tetradecane (C14)	8.305	2610059	20.000 ug/ml
7) T n-Hexadecane (C16)	9.901	2860782	20.000 ug/ml
8) T n-Octadecane (C18)	11.338	3102544	20.000 ug/ml
10) T n-Eicosane (C20)	12.643	3093393	20.000 ug/ml
11) T n-Heneicosane (C21)	13.252	3071441	20.000 ug/ml
13) T n-Docosane (C22)	13.835	3066534	20.000 ug/ml
14) T n-Tetracosane (C24)	14.934	3030030	20.000 ug/ml
15) T n-Hexacosane (C26)	15.948	2894478	20.000 ug/ml
16) T n-Octacosane (C28)	16.894	2711302	20.000 ug/ml
17) T n-Tricontane (C30)	17.777	2595658	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.604	2340877	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.383	1983945	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.118	1569317	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.857	1256576	20.000 ug/ml
22) T n-Tetracontane (C40)	21.779	912136	20.000 ug/ml

(f)=RT Delta > 1/2 Window

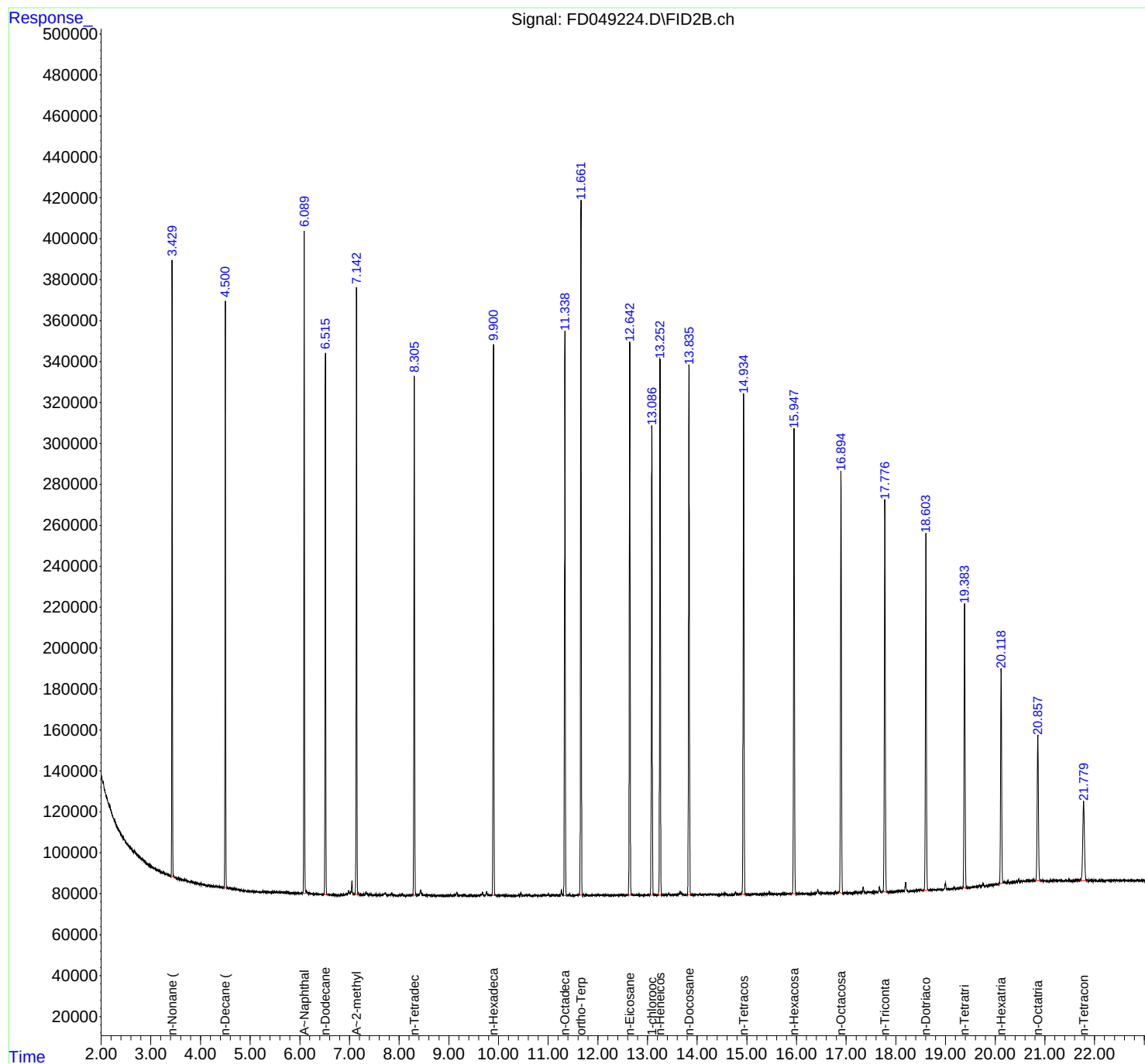
(m)=manual int.

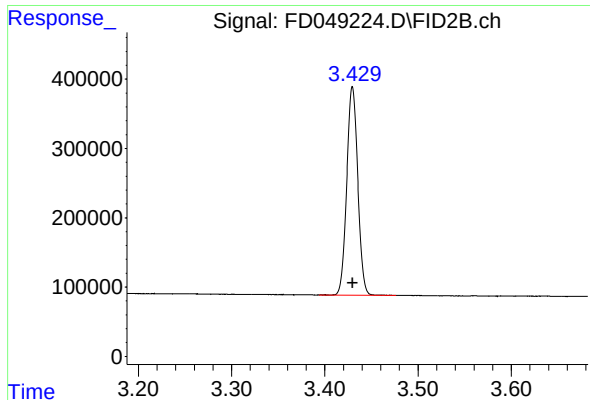
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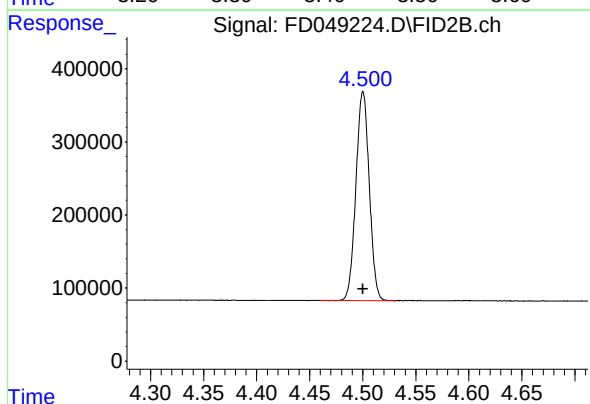




#1 n-Nonane (C9)

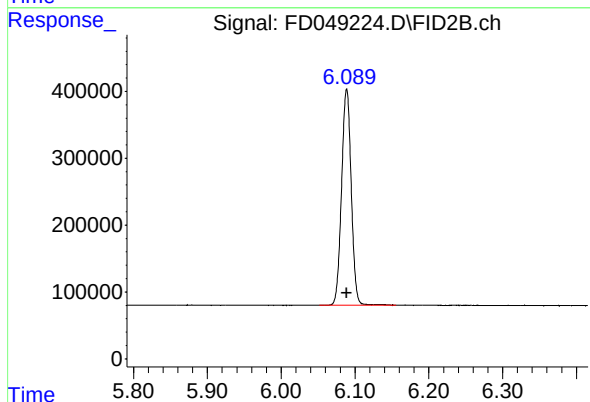
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 2469168
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



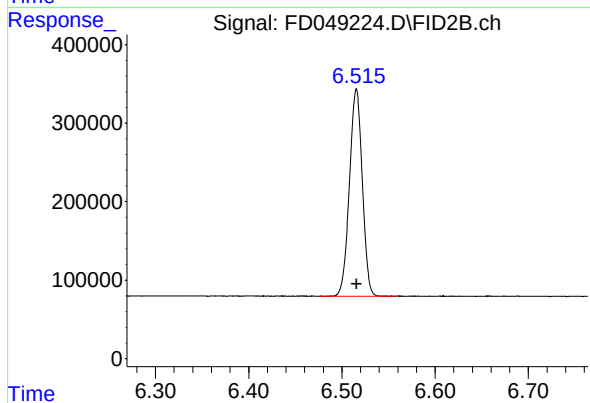
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 2504952
Conc: 20.00 ug/ml



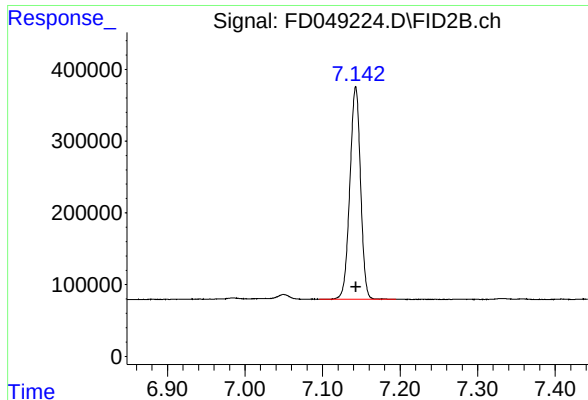
#3 A~Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 2940214
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

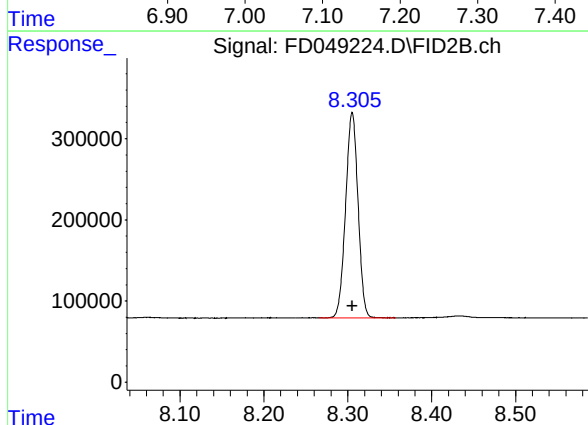
R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 2530532
Conc: 20.00 ug/ml



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

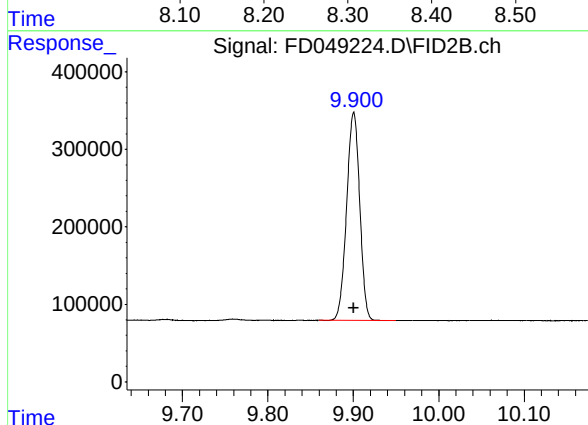
R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 2834547
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



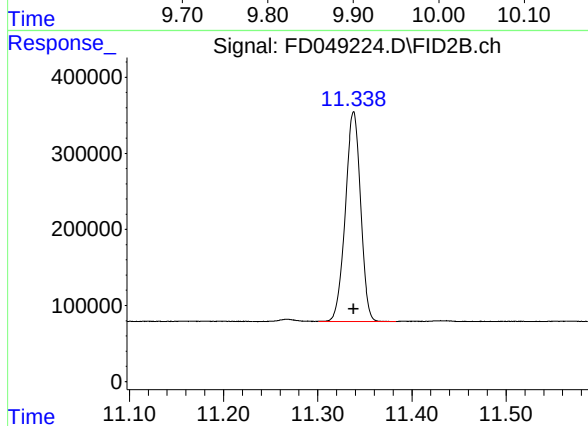
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 2610059
Conc: 20.00 ug/ml



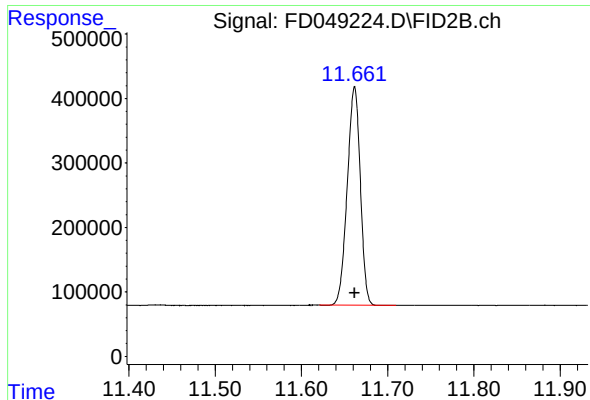
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: 0.000 min
Response: 2860782
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

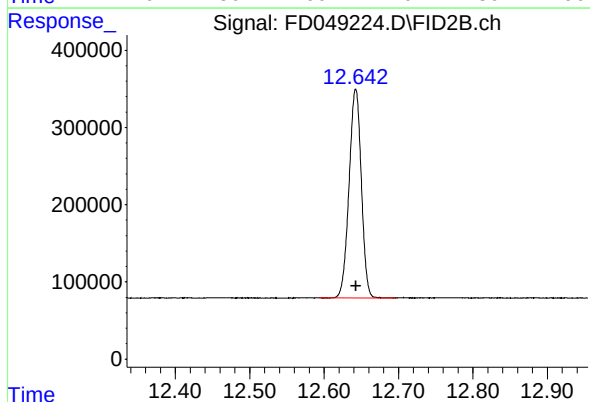
R.T.: 11.338 min
Delta R.T.: 0.000 min
Response: 3102544
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

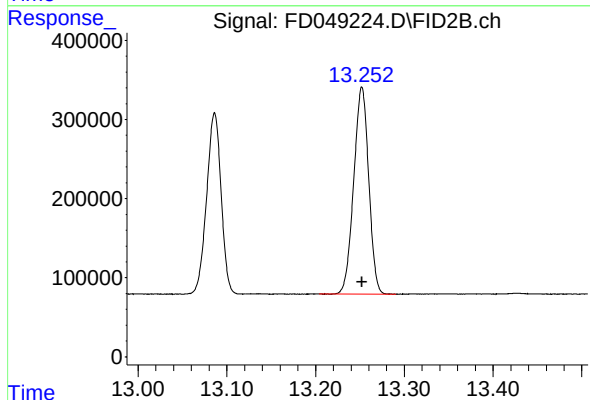
R.T.: 11.662 min
Delta R.T.: 0.000 min
Response: 3568156
Conc: 20.00 ug/ml

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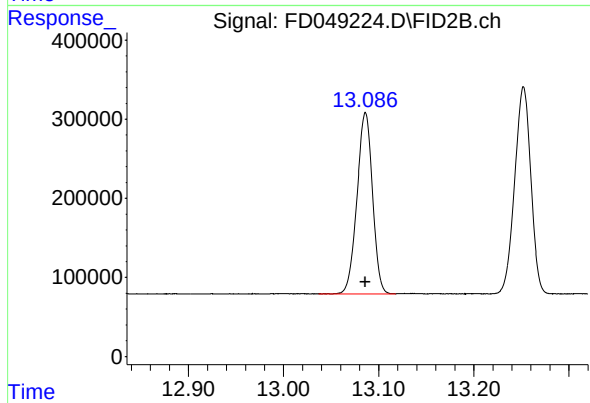
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: 0.000 min
Response: 3093393
Conc: 20.00 ug/ml



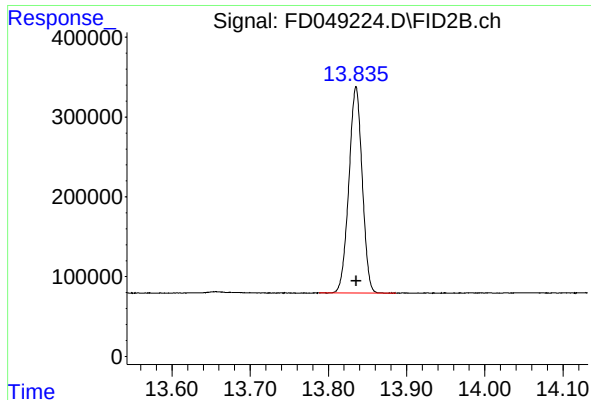
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: 0.000 min
Response: 3071441
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

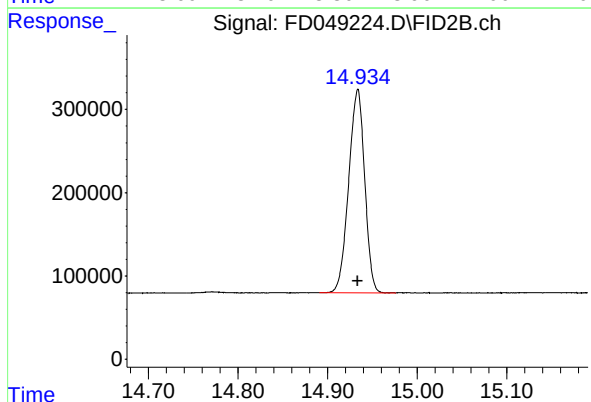
R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2600083
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

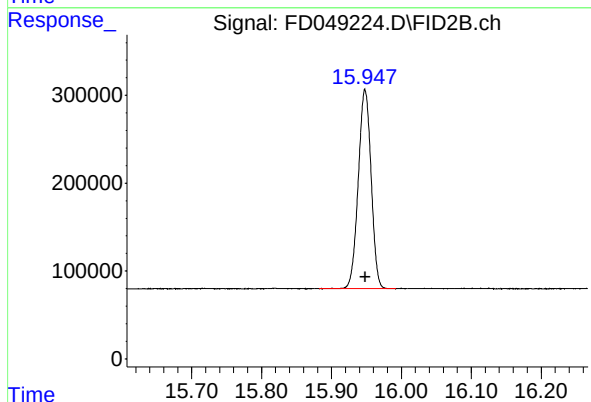
R.T.: 13.835 min
Delta R.T.: 0.000 min
Response: 3066534
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



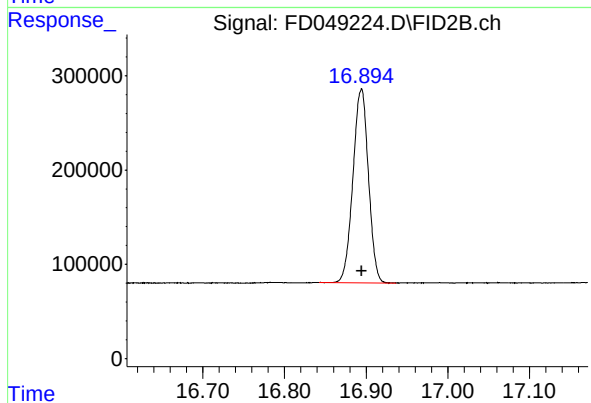
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: 0.000 min
Response: 3030030
Conc: 20.00 ug/ml



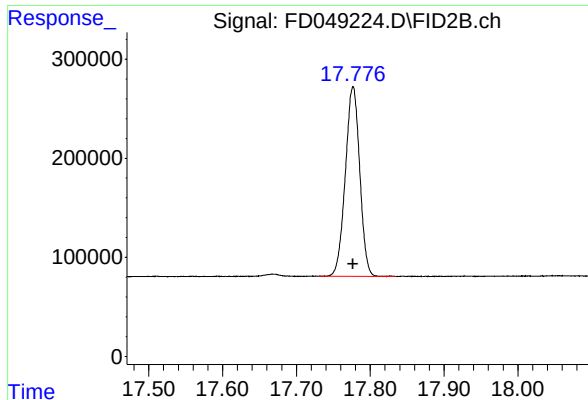
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: 0.000 min
Response: 2894478
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

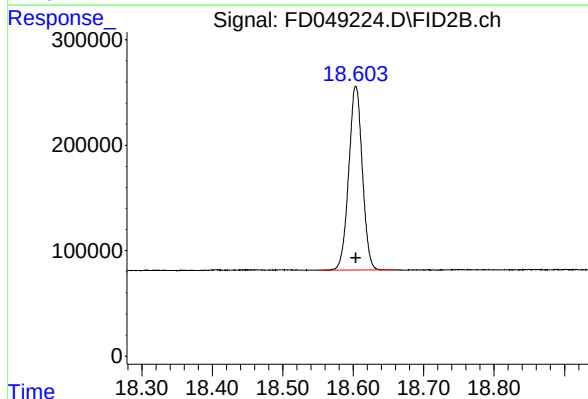
R.T.: 16.894 min
Delta R.T.: 0.000 min
Response: 2711302
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

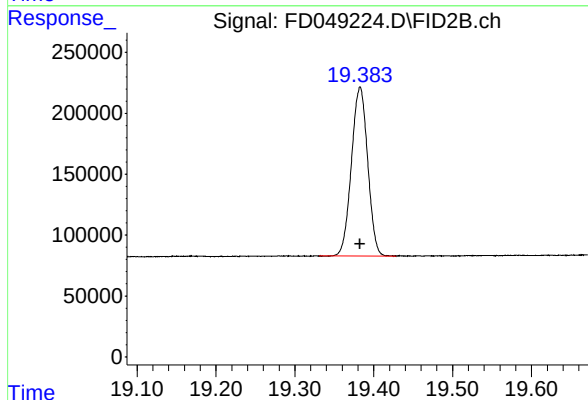
R.T.: 17.777 min
Delta R.T.: 0.000 min
Response: 2595658
Conc: 20.00 ug/ml

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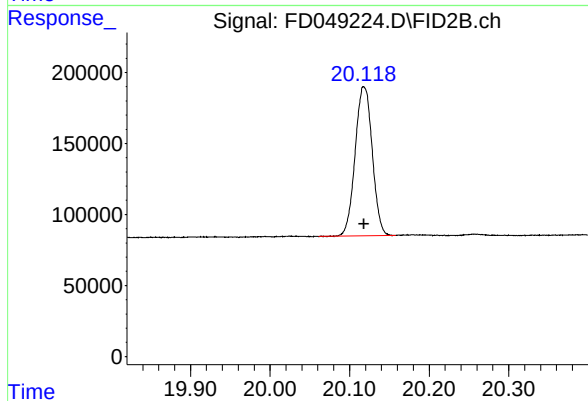
#18 n-Dotriacontane (C32)

R.T.: 18.604 min
Delta R.T.: 0.000 min
Response: 2340877
Conc: 20.00 ug/ml



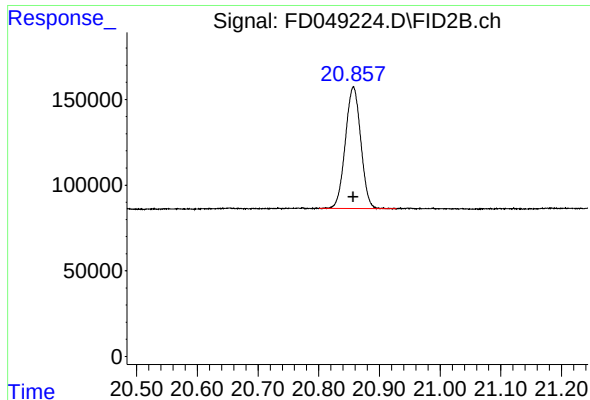
#19 n-Tetratriacontane (C34)

R.T.: 19.383 min
Delta R.T.: 0.000 min
Response: 1983945
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

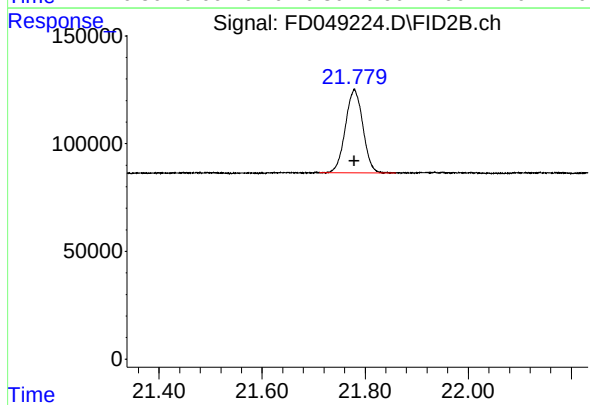
R.T.: 20.118 min
Delta R.T.: 0.000 min
Response: 1569317
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.857 min
Delta R.T.: 0.000 min
Response: 1256576
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.779 min
Delta R.T.: 0.000 min
Response: 912136
Conc: 20.00 ug/ml