

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
 Data File : FE053059.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2025 00:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 31 02:34:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:32:07 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)	11.895	3281499	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.340	2420661	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.241	3111803	20.000 ug/ml
2) T n-Decane (C10)	4.502	3155729	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.214	3393831	20.000 ug/ml
4) T n-Dodecane (C12)	6.682	3146549	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.316	3236897	20.000 ug/ml
6) T n-Tetradecane (C14)	8.518	3079745	20.000 ug/ml
7) T n-Hexadecane (C16)	10.132	3110571	20.000 ug/ml
8) T n-Octadecane (C18)	11.580	3062795	20.000 ug/ml
10) T n-Eicosane (C20)	12.894	2878519	20.000 ug/ml
11) T n-Heneicosane (C21)	13.508	2795775	20.000 ug/ml
13) T n-Docosane (C22)	14.096	2757743	20.000 ug/ml
14) T n-Tetracosane (C24)	15.201	2712592	20.000 ug/ml
15) T n-Hexacosane (C26)	16.225	2682626	20.000 ug/ml
16) T n-Octacosane (C28)	17.177	2644740	20.000 ug/ml
17) T n-Tricontane (C30)	18.066	2710540	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.900	2684745	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.686	2582519	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.428	2358807	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.165	2301865	20.000 ug/ml
22) T n-Tetracontane (C40)	22.078	2272435	20.000 ug/ml

(f)=RT Delta > 1/2 Window

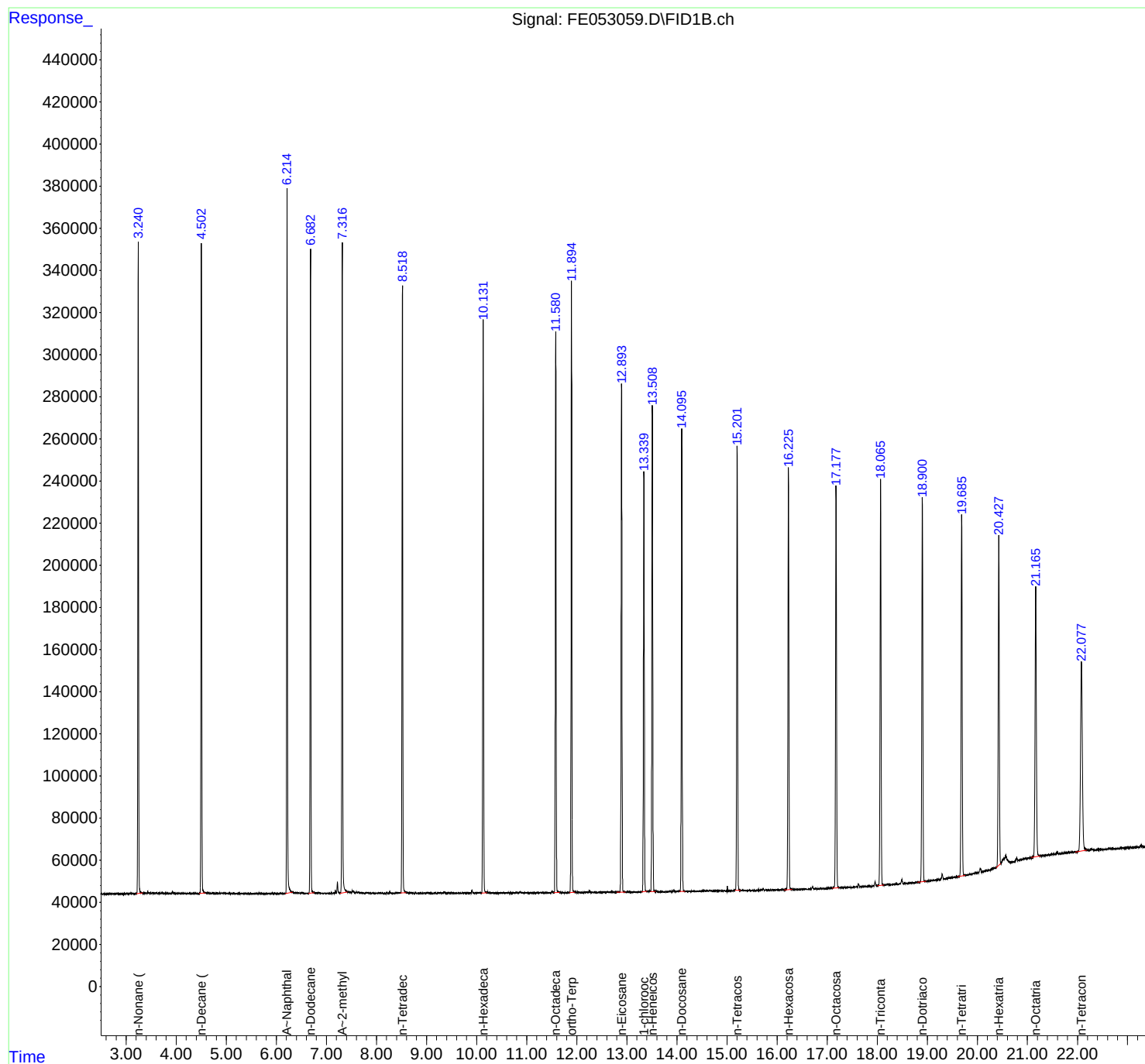
(m)=manual int.

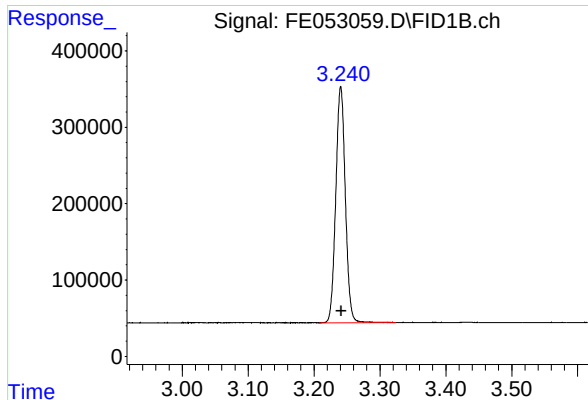
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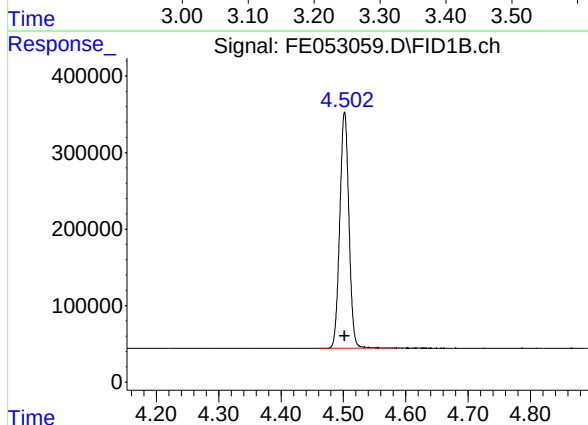




#1 n-Nonane (C9)

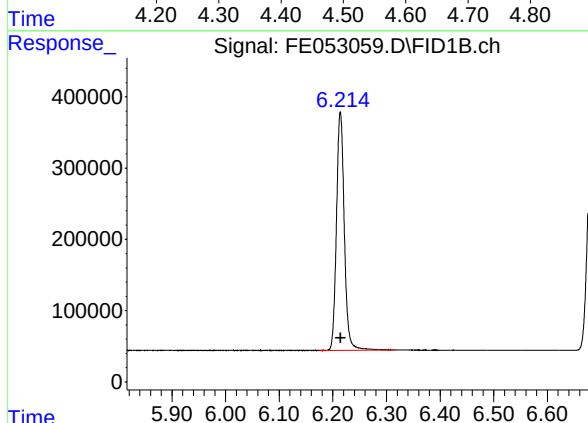
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 3111803
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



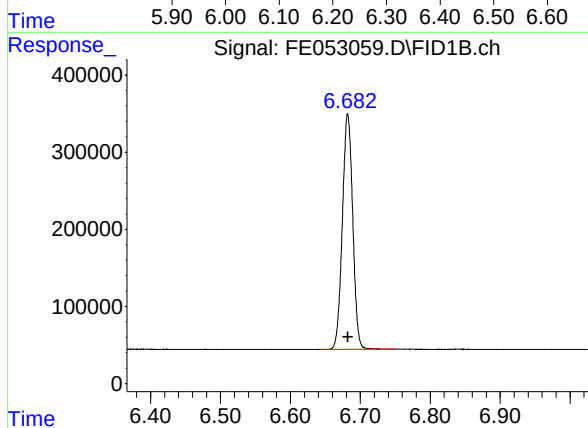
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 3155729
Conc: 20.00 ug/ml



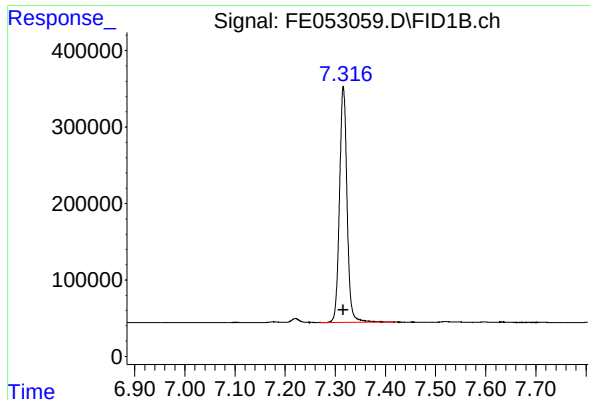
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 3393831
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

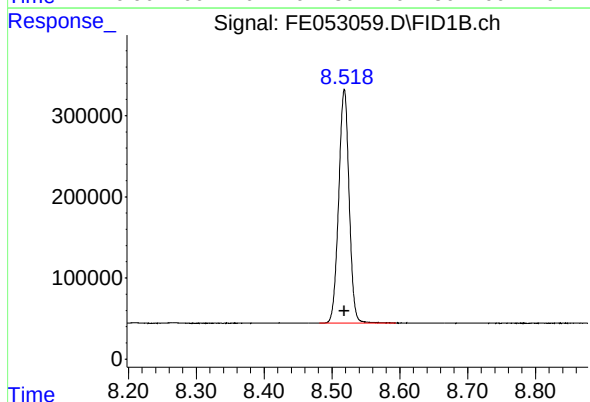
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 3146549
Conc: 20.00 ug/ml



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

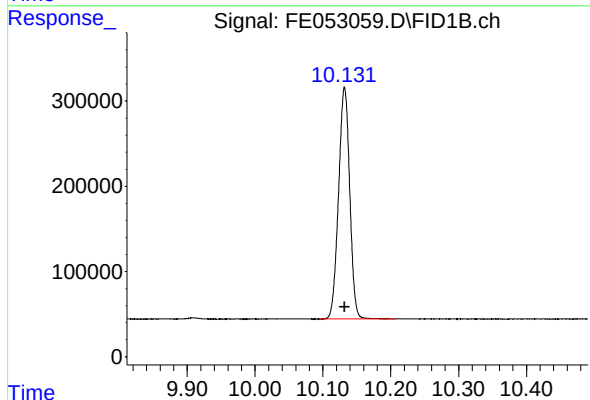
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 3236897
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



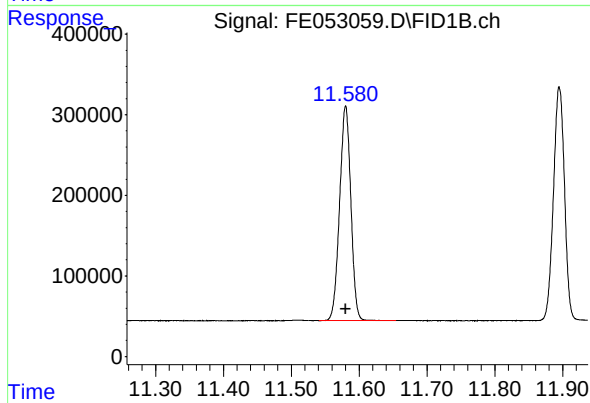
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 3079745
Conc: 20.00 ug/ml



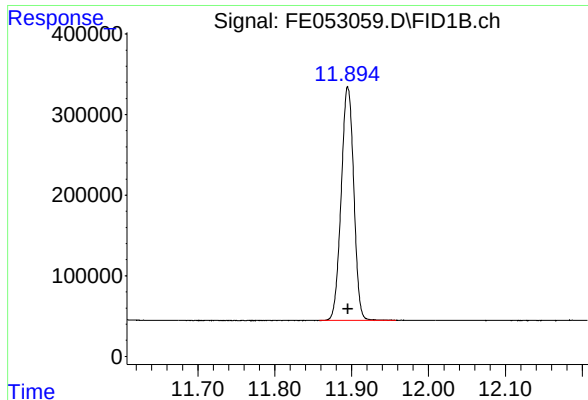
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.000 min
Response: 3110571
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

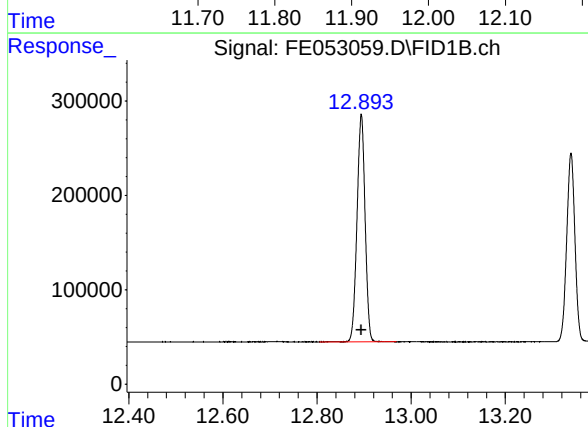
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 3062795
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

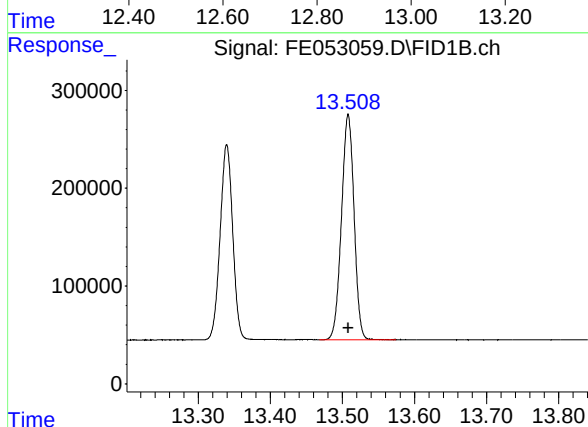
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 3281499
Conc: 20.00 ug/ml

Instrument :
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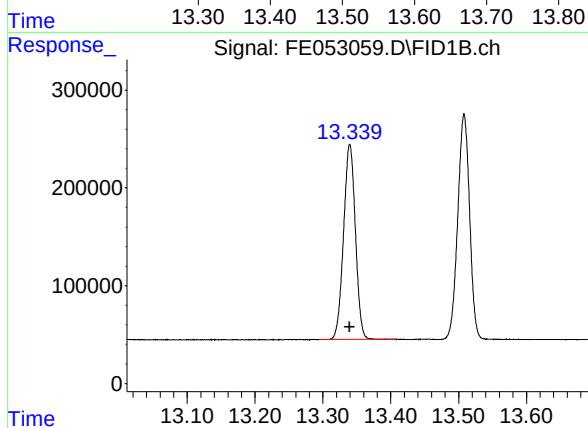
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2878519
Conc: 20.00 ug/ml



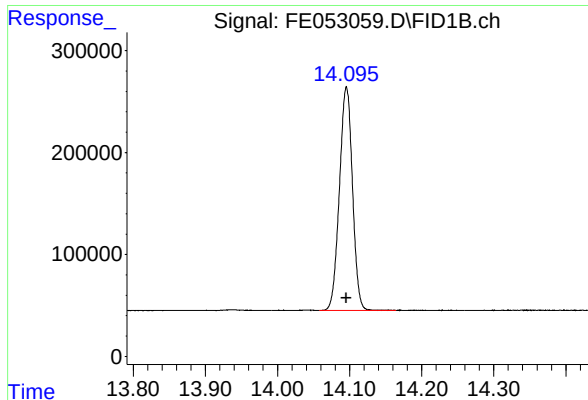
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2795775
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

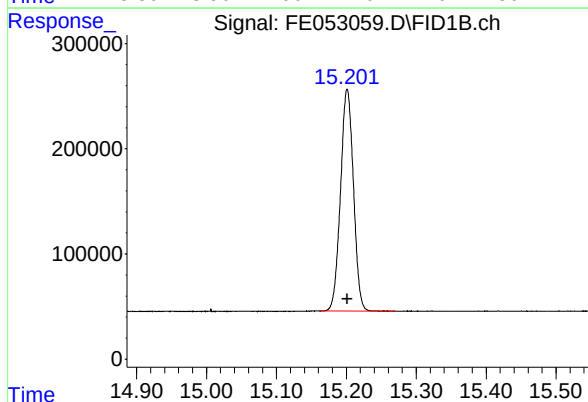
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2420661
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

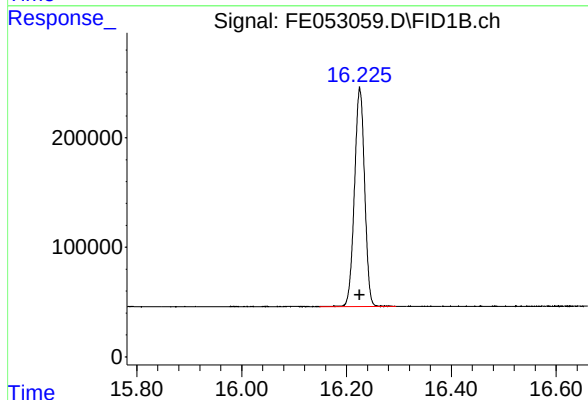
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 2757743
Conc: 20.00 ug/ml

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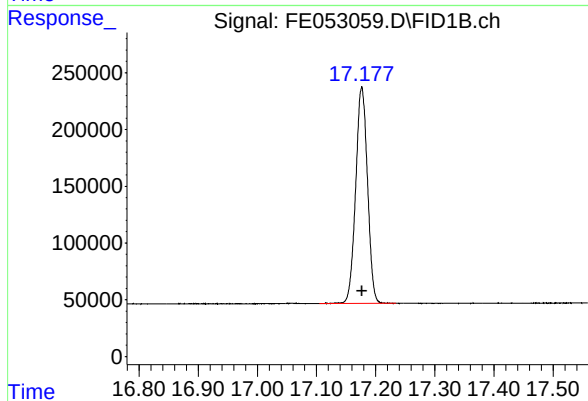
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2712592
Conc: 20.00 ug/ml



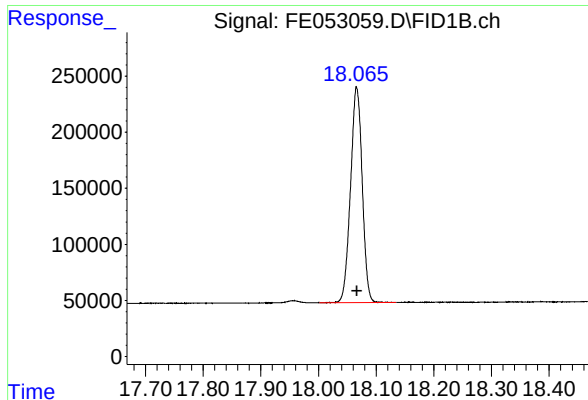
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 2682626
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

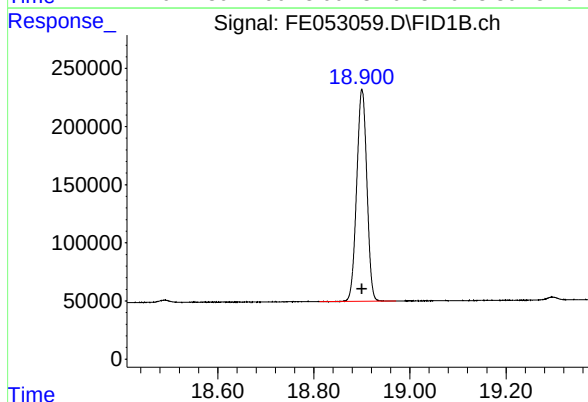
R.T.: 17.177 min
Delta R.T.: 0.000 min
Response: 2644740
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

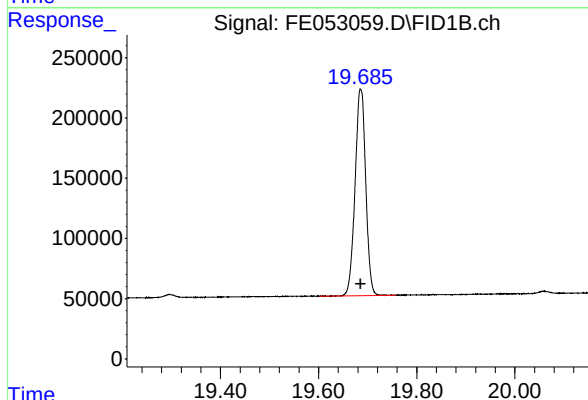
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 2710540
Conc: 20.00 ug/ml

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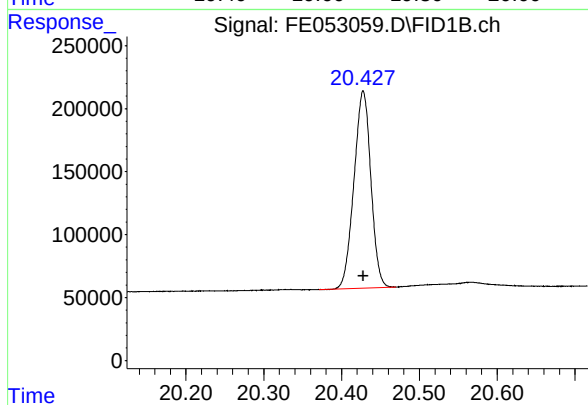
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 2684745
Conc: 20.00 ug/ml



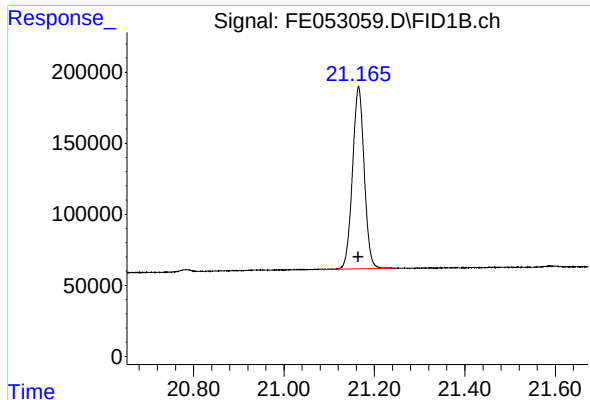
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.000 min
Response: 2582519
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

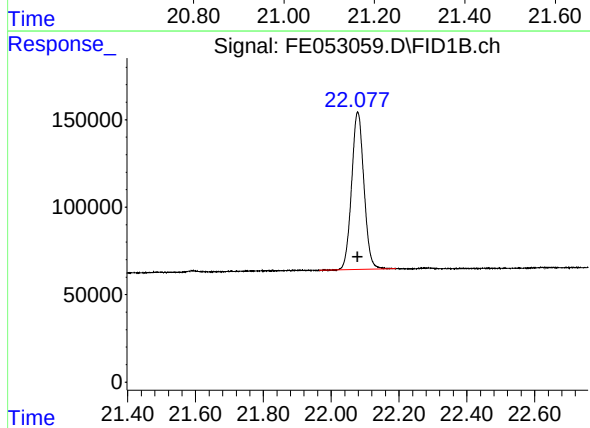
R.T.: 20.428 min
Delta R.T.: 0.000 min
Response: 2358807
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: 0.000 min
Response: 2301865
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: 0.000 min
Response: 2272435
Conc: 20.00 ug/ml