

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
 Data File : FE051668.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2024 12:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 17 12:55:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 12:55:12 2024
 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)	12.012	3270636	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.433	2542766	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.487	2417838	20.000 ug/ml
2) T n-Decane (C10)	4.719	2511704	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2886183	20.000 ug/ml
4) T n-Dodecane (C12)	6.853	2638127	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.486	2870861	20.000 ug/ml
6) T n-Tetradecane (C14)	8.663	2727256	20.000 ug/ml
7) T n-Hexadecane (C16)	10.257	2913758	20.000 ug/ml
8) T n-Octadecane (C18)	11.690	3015893	20.000 ug/ml
10) T n-Eicosane (C20)	12.990	2933298	20.000 ug/ml
11) T n-Heneicosane (C21)	13.598	2895514	20.000 ug/ml
13) T n-Docosane (C22)	14.180	2884205	20.000 ug/ml
14) T n-Tetracosane (C24)	15.275	2850722	20.000 ug/ml
15) T n-Hexacosane (C26)	16.288	2761406	20.000 ug/ml
16) T n-Octacosane (C28)	17.231	2698033	20.000 ug/ml
17) T n-Tricontane (C30)	18.113	2790119	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.938	2822075	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2397934	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2037056	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.189	1893923	20.000 ug/ml
22) T n-Tetracontane (C40)	22.113	1943955	20.000 ug/ml

(f)=RT Delta > 1/2 Window

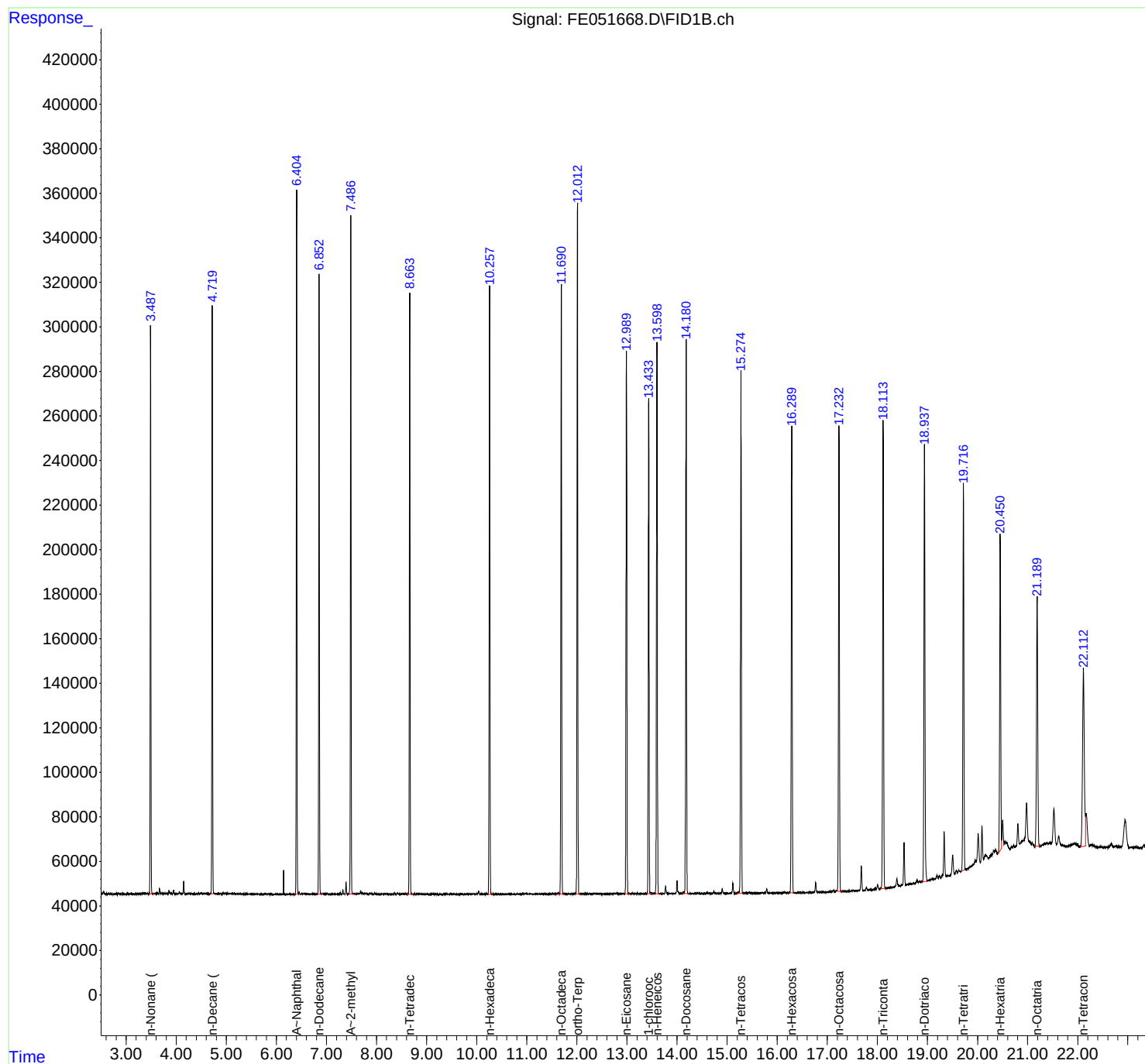
(m)=manual int.

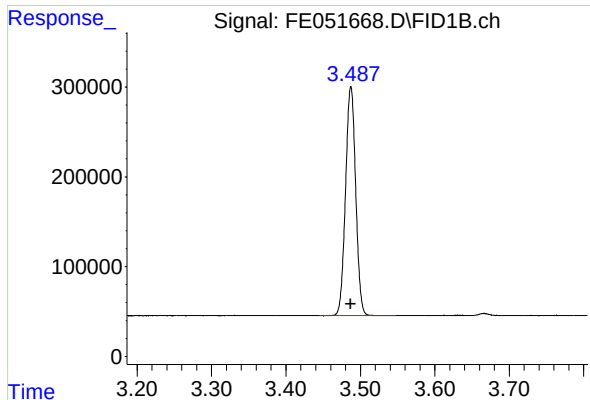
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121724AL\
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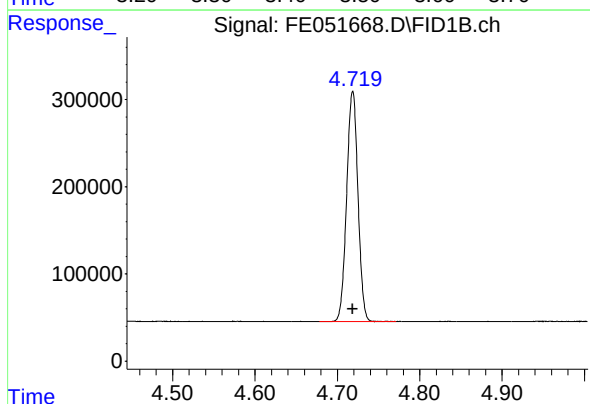




#1 n-Nonane (C9)

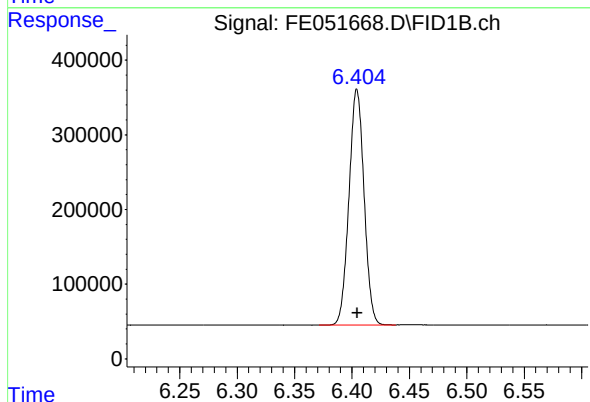
R.T.: 3.487 min
Delta R.T.: 0.000 min
Response: 2417838
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



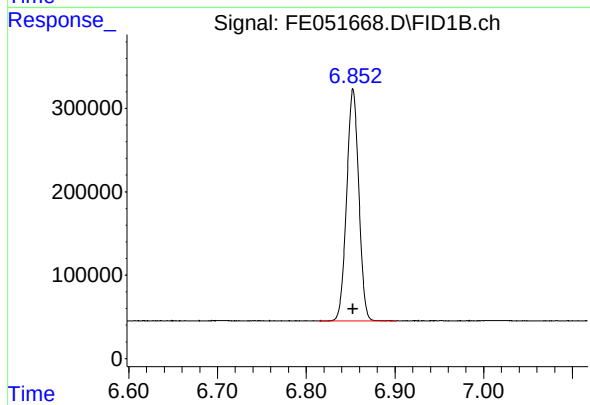
#2 n-Decane (C10)

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 2511704
Conc: 20.00 ug/ml



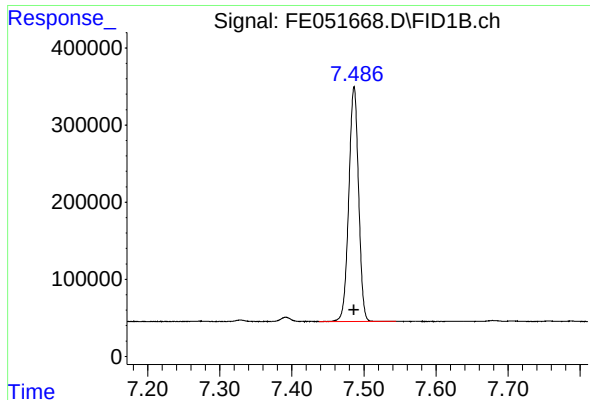
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 2886183
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

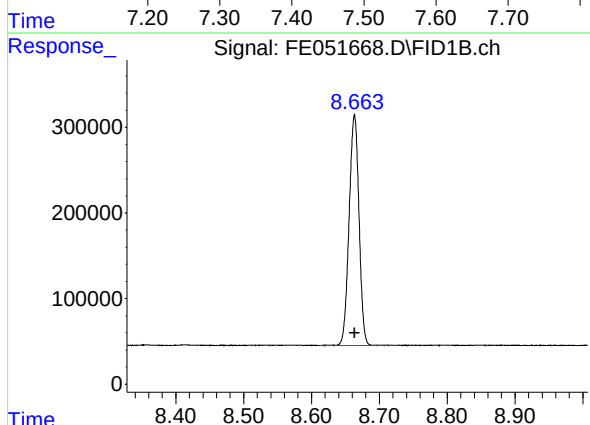
R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 2638127
Conc: 20.00 ug/ml



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

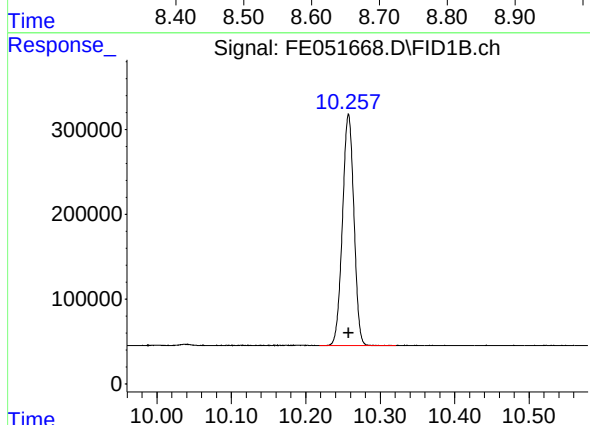
R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 2870861
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



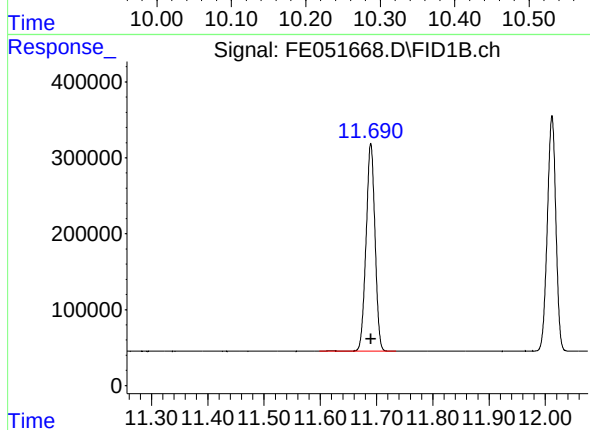
#6 n-Tetradecane (C14)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 2727256
Conc: 20.00 ug/ml



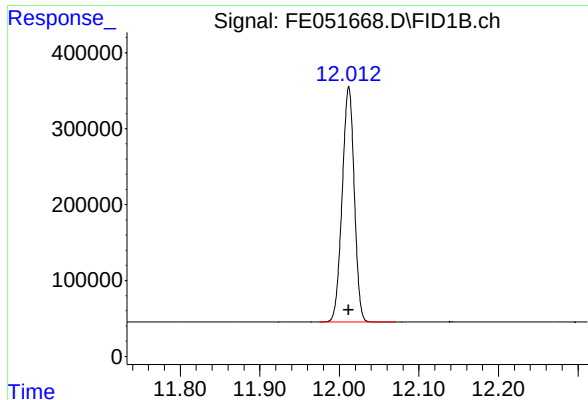
#7 n-Hexadecane (C16)

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 2913758
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

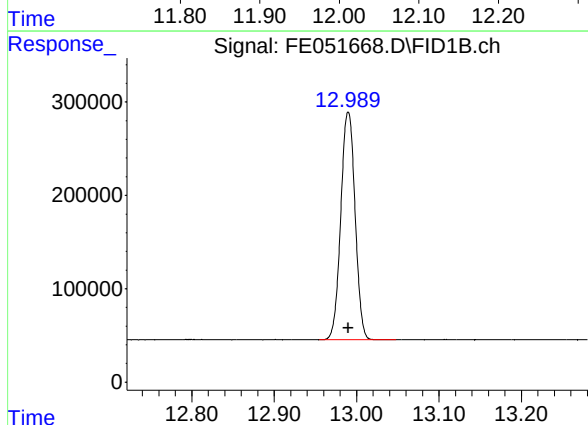
R.T.: 11.690 min
Delta R.T.: 0.000 min
Response: 3015893
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

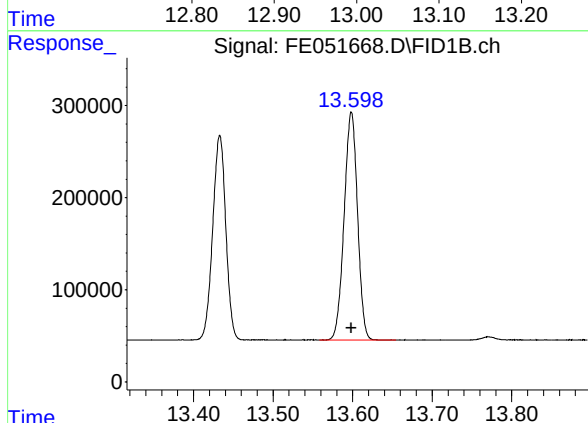
R.T.: 12.012 min
Delta R.T.: 0.000 min
Response: 3270636
Conc: 20.00 ug/ml

Instrument :
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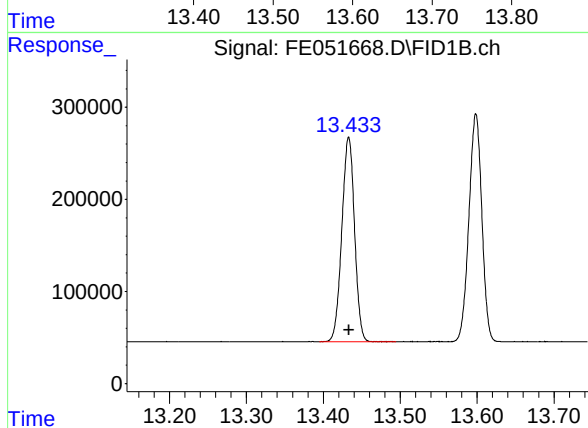
#10 n-Eicosane (C20)

R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 2933298
Conc: 20.00 ug/ml



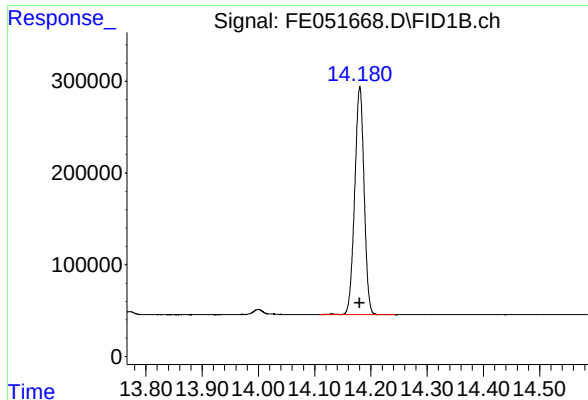
#11 n-Heneicosane (C21)

R.T.: 13.598 min
Delta R.T.: 0.000 min
Response: 2895514
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

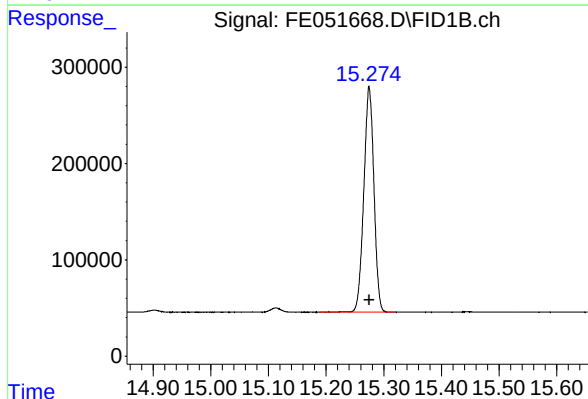
R.T.: 13.433 min
Delta R.T.: 0.000 min
Response: 2542766
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

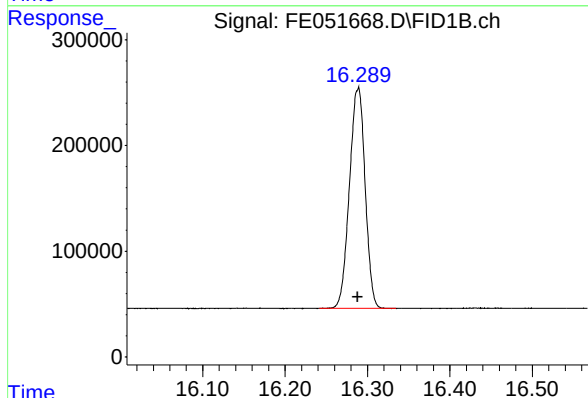
R.T.: 14.180 min
Delta R.T.: 0.000 min
Response: 2884205
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



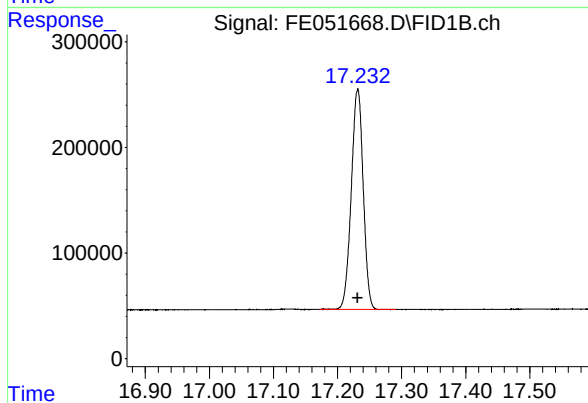
#14 n-Tetracosane (C24)

R.T.: 15.275 min
Delta R.T.: 0.000 min
Response: 2850722
Conc: 20.00 ug/ml



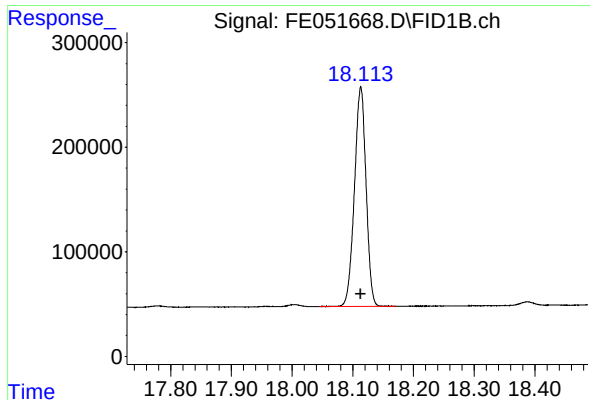
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.000 min
Response: 2761406
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

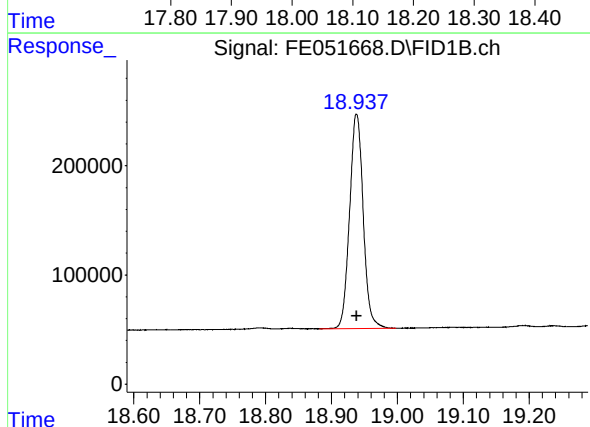
R.T.: 17.231 min
Delta R.T.: 0.000 min
Response: 2698033
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

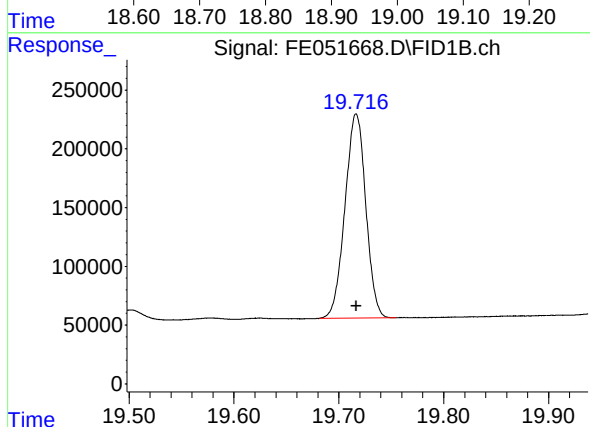
R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 2790119
Conc: 20.00 ug/ml

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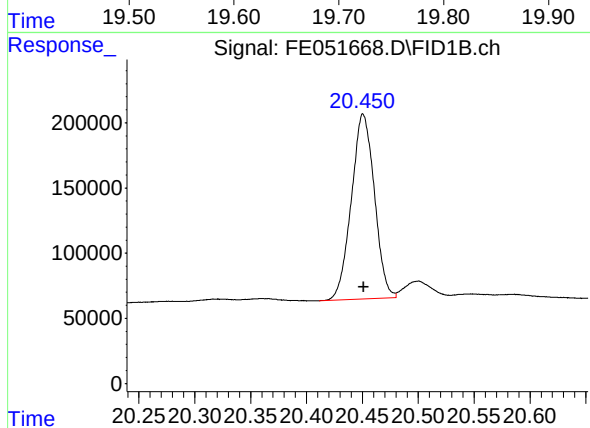
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.000 min
Response: 2822075
Conc: 20.00 ug/ml



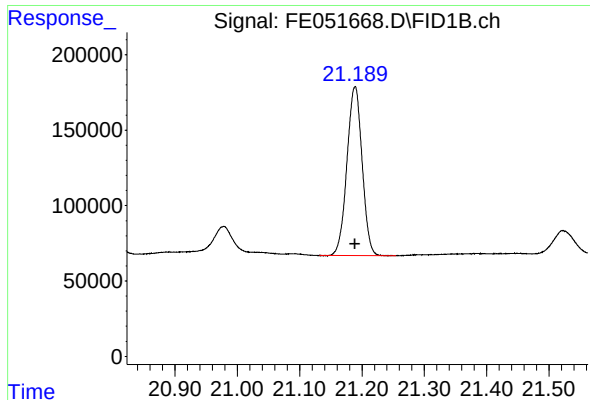
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.000 min
Response: 2397934
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

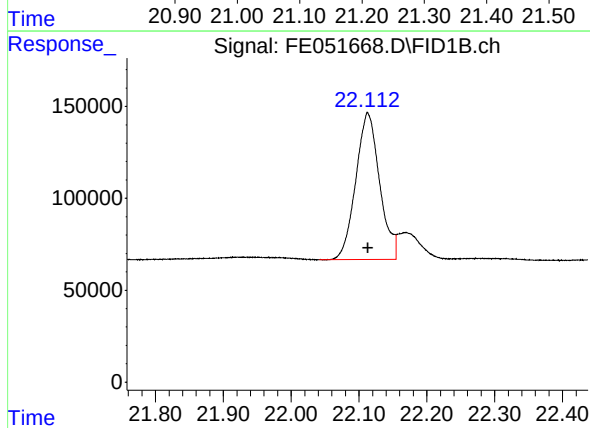
R.T.: 20.451 min
Delta R.T.: 0.000 min
Response: 2037056
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.000 min
Response: 1893923
Conc: 20.00 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.000 min
Response: 1943955
Conc: 20.00 ug/ml