

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015809.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 10:59
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 12 11:44:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 11:41:19 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)	11.901	7125825	48.724 ug/ml
Spiked Amount 50.000		Recovery =	97.45%
12) S 1-chlorooctadecane (S...	13.343	5502847	48.716 ug/ml
Spiked Amount 50.000		Recovery =	97.43%
Target Compounds			
1) T n-Nonane (C9)	3.244	5439413	48.910 ug/ml
2) T n-Decane (C10)	4.503	5482947	48.793 ug/ml
3) T A~Naphthalene (C11.7)	6.215	5899885	49.020 ug/ml
4) T n-Dodecane (C12)	6.683	5577432	48.719 ug/ml
5) T A~2-methylnaphthalene...	7.318	5854552	48.968 ug/ml
6) T n-Tetradecane (C14)	8.520	5593973	48.815 ug/ml
7) T n-Hexadecane (C16)	10.134	5733374	48.766 ug/ml
8) T n-Octadecane (C18)	11.584	5838904	48.736 ug/ml
10) T n-Eicosane (C20)	12.897	5826997	48.697 ug/ml
11) T n-Heneicosane (C21)	13.512	5807080	48.685 ug/ml
13) T n-Docosane (C22)	14.100	5775786	48.715 ug/ml
14) T n-Tetracosane (C24)	15.207	5723420	48.693 ug/ml
15) T n-Hexacosane (C26)	16.232	5628641	48.657 ug/ml
16) T n-Octacosane (C28)	17.185	5502157	48.631 ug/ml
17) T n-Tricontane (C30)	18.075	5488201	48.593 ug/ml
18) T n-Dotriacontane (C32)	18.910	5406675	48.552 ug/ml
19) T n-Tetratriacontane (C34)	19.695	5165487	48.577 ug/ml
20) T n-Hexatriacontane (C36)	20.436	5059937	48.632 ug/ml
21) T n-Octatriacontane (C38)	21.177	4810203	48.697 ug/ml
22) T n-Tetracontane (C40)	22.098	4687989	48.872 ug/ml

(f)=RT Delta > 1/2 Window

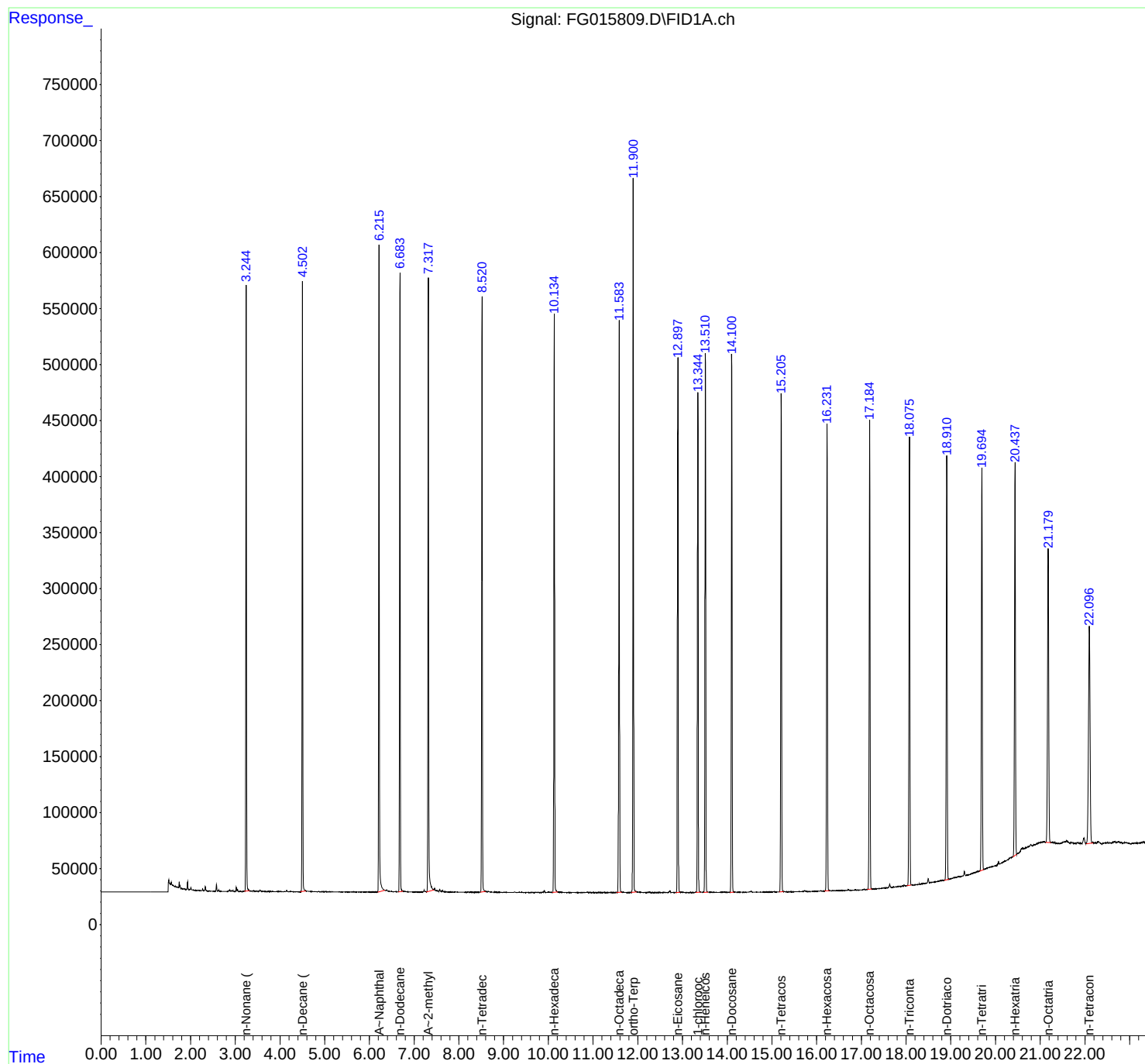
(m)=manual int.

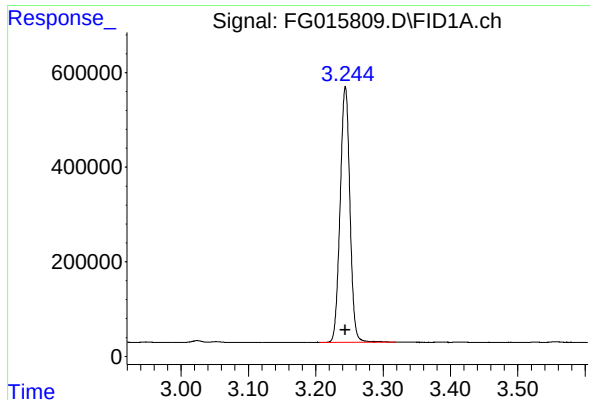
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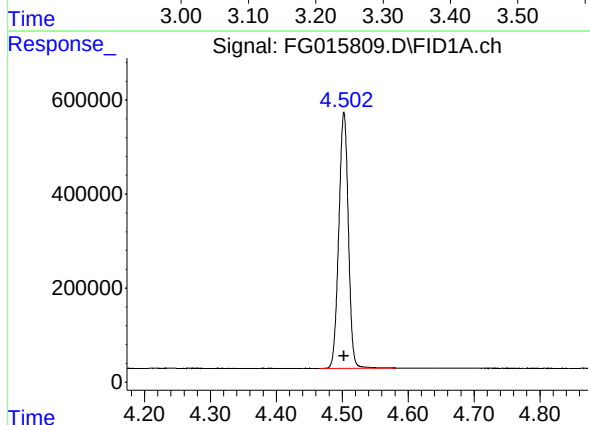




#1 n-Nonane (C9)

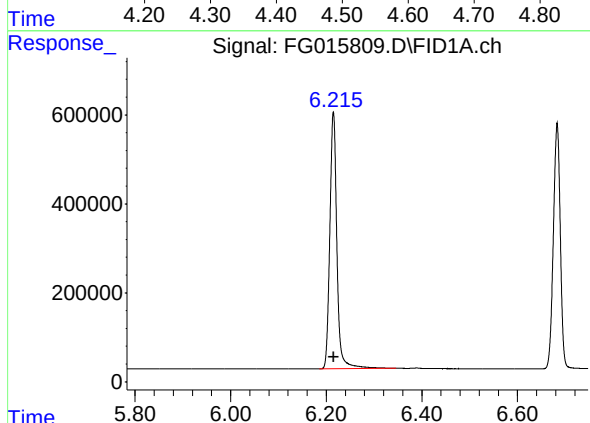
R.T.: 3.244 min
Delta R.T.: 0.000 min
Response: 5439413
Conc: 48.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



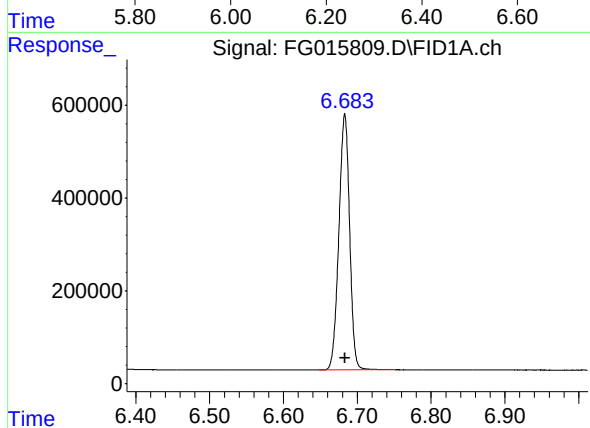
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 5482947
Conc: 48.79 ug/ml



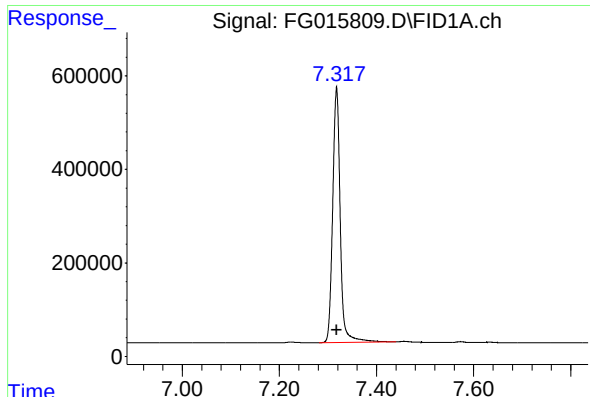
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 5899885
Conc: 49.02 ug/ml



#4 n-Dodecane (C12)

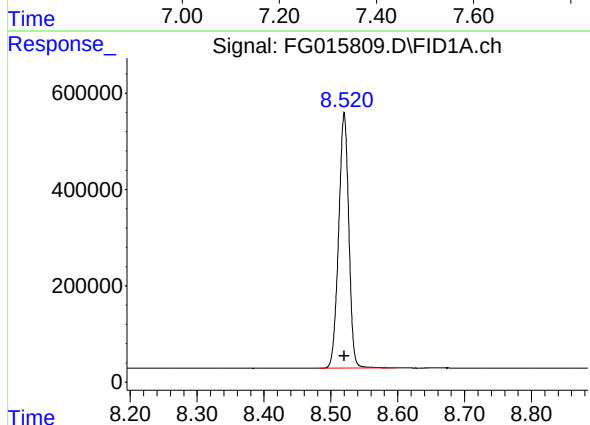
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 5577432
Conc: 48.72 ug/ml



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

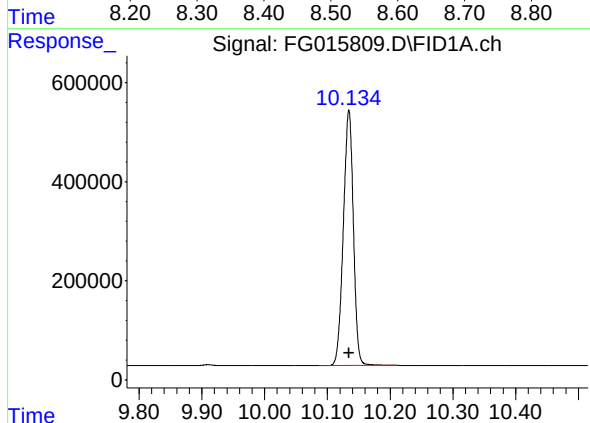
R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 5854552
Conc: 48.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



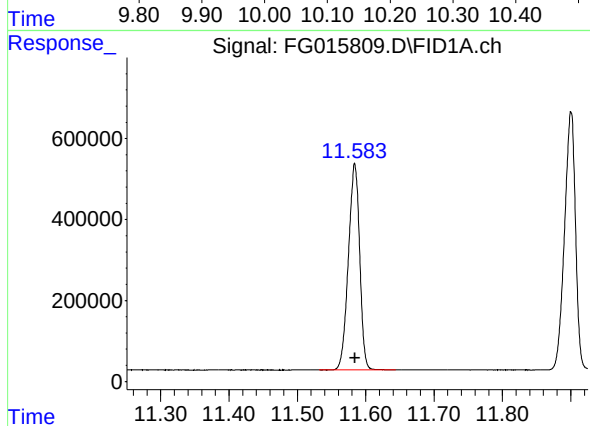
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 5593973
Conc: 48.82 ug/ml



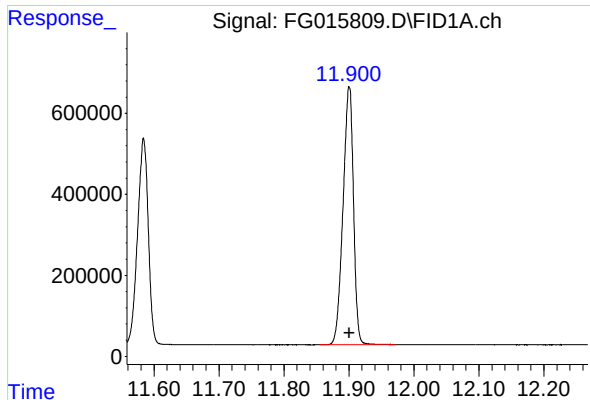
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.000 min
Response: 5733374
Conc: 48.77 ug/ml



#8 n-Octadecane (C18)

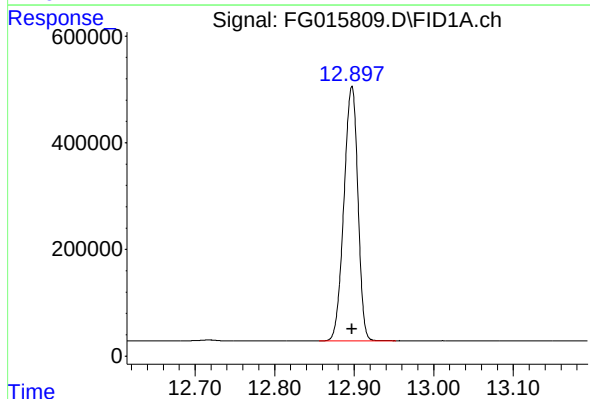
R.T.: 11.584 min
Delta R.T.: 0.000 min
Response: 5838904
Conc: 48.74 ug/ml



#9 ortho-Terphenyl (SURR)

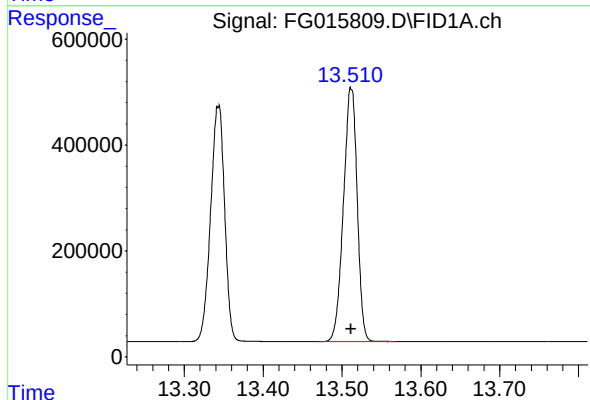
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 7125825
Conc: 48.72 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



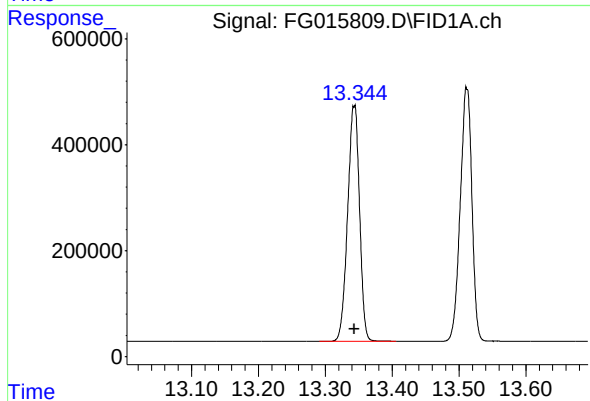
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: 0.000 min
Response: 5826997
Conc: 48.70 ug/ml



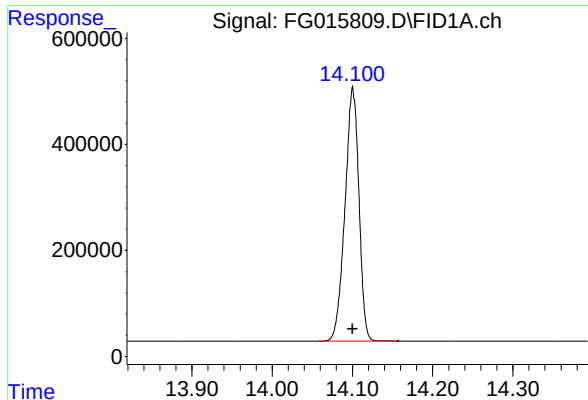
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 5807080
Conc: 48.69 ug/ml



#12 1-chlorooctadecane (SURR)

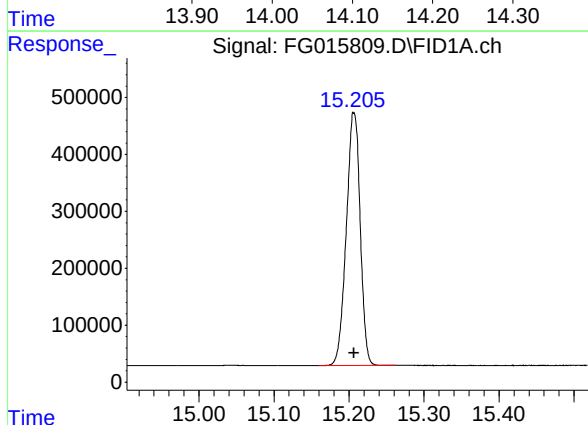
R.T.: 13.343 min
Delta R.T.: 0.000 min
Response: 5502847
Conc: 48.72 ug/ml



#13 n-Docosane (C22)

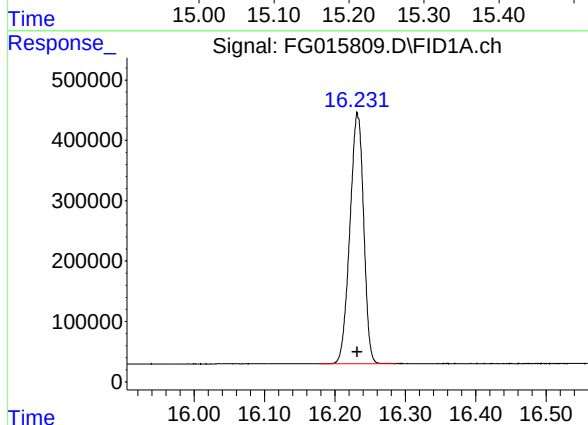
R.T.: 14.100 min
Delta R.T.: 0.000 min
Response: 5775786
Conc: 48.71 ug/ml

Instrument :
FID_G
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50 PPM ALIPHATIC HC STD2



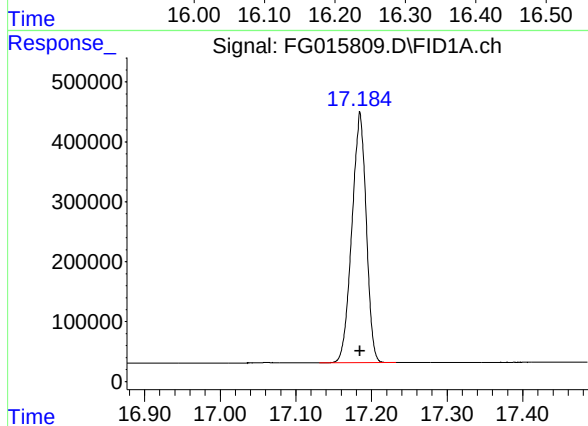
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: 0.000 min
Response: 5723420
Conc: 48.69 ug/ml



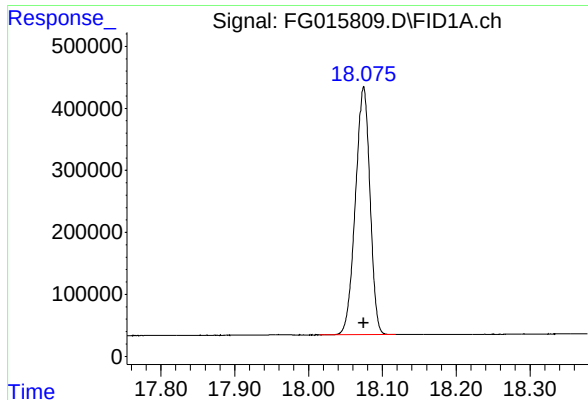
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 5628641
Conc: 48.66 ug/ml



#16 n-Octacosane (C28)

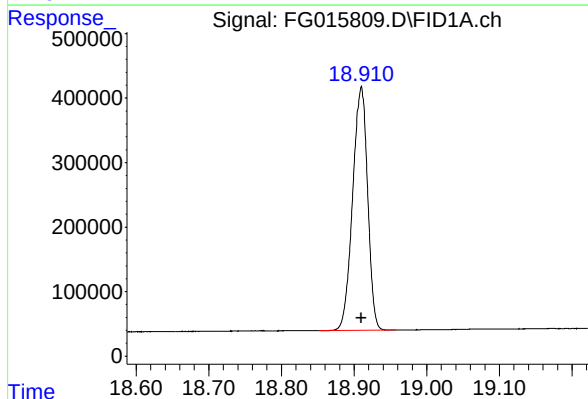
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 5502157
Conc: 48.63 ug/ml



#17 n-Tricontane (C30)

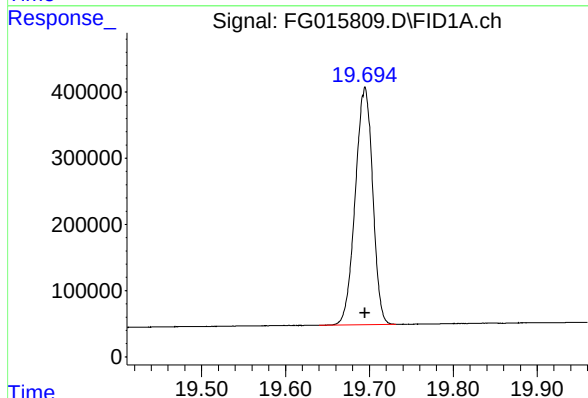
R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 5488201
Conc: 48.59 ug/ml

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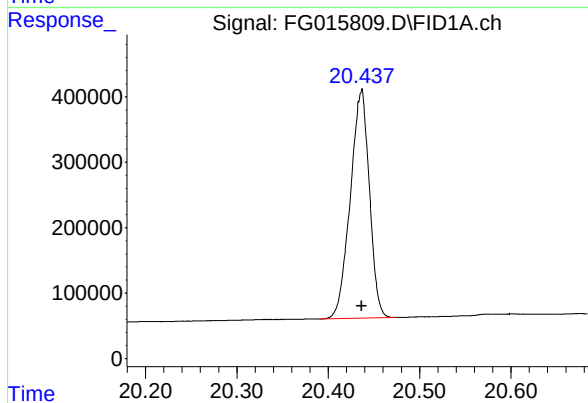
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 5406675
Conc: 48.55 ug/ml



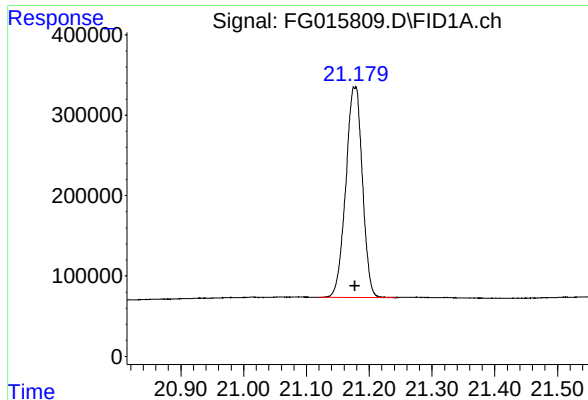
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 5165487
Conc: 48.58 ug/ml



#20 n-Hexatriacontane (C36)

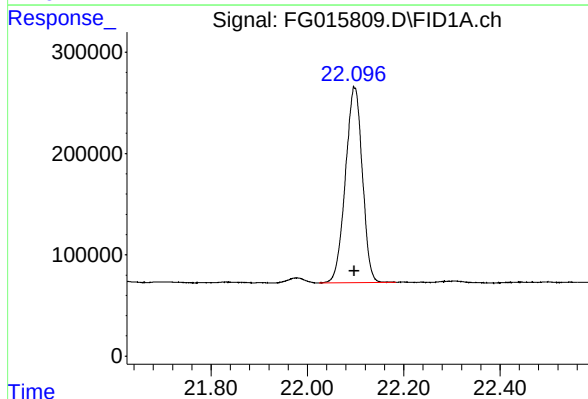
R.T.: 20.436 min
Delta R.T.: 0.000 min
Response: 5059937
Conc: 48.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.000 min
Response: 4810203
Conc: 48.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: 0.000 min
Response: 4687989
Conc: 48.87 ug/ml