

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080923AL\
 Data File : FE043839.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2023 22:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 10 00:51:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 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)	11.940	4038422	19.597 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
12) S 1-chlorooctadecane (S...	13.379	3038154	19.469 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
Target Compounds			
1) T n-Nonane (C9)	3.328	3333409	20.642 ug/ml
2) T n-Decane (C10)	4.579	3433237	20.831 ug/ml
3) T A~Naphthalene (C11.7)	6.279	3776872	20.744 ug/ml
4) T n-Dodecane (C12)	6.743	3496490	20.892 ug/ml
5) T A~2-methylnaphthalene...	7.374	3680886	20.676 ug/ml
6) T n-Tetradecane (C14)	8.570	3509902	20.832 ug/ml
7) T n-Hexadecane (C16)	10.179	3626233	20.557 ug/ml
8) T n-Octadecane (C18)	11.624	3660353	20.206 ug/ml
10) T n-Eicosane (C20)	12.934	3507566	19.820 ug/ml
11) T n-Heneicosane (C21)	13.547	3434961	19.400 ug/ml
13) T n-Docosane (C22)	14.134	3395708	19.360 ug/ml
14) T n-Tetracosane (C24)	15.239	3342990	19.027 ug/ml
15) T n-Hexacosane (C26)	16.261	3230657	18.692 ug/ml
16) T n-Octacosane (C28)	17.211	3098985	18.521 ug/ml
17) T n-Tricontane (C30)	18.101	3088591	18.648 ug/ml
18) T n-Dotriacontane (C32)	18.936	2998014	18.988 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2866736	19.292 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2766448	19.792 ug/ml
21) T n-Octatriacontane (C38)	21.206	2752629	20.634 ug/ml
22) T n-Tetracontane (C40)	22.132	2882523	22.340 ug/ml

(f)=RT Delta > 1/2 Window

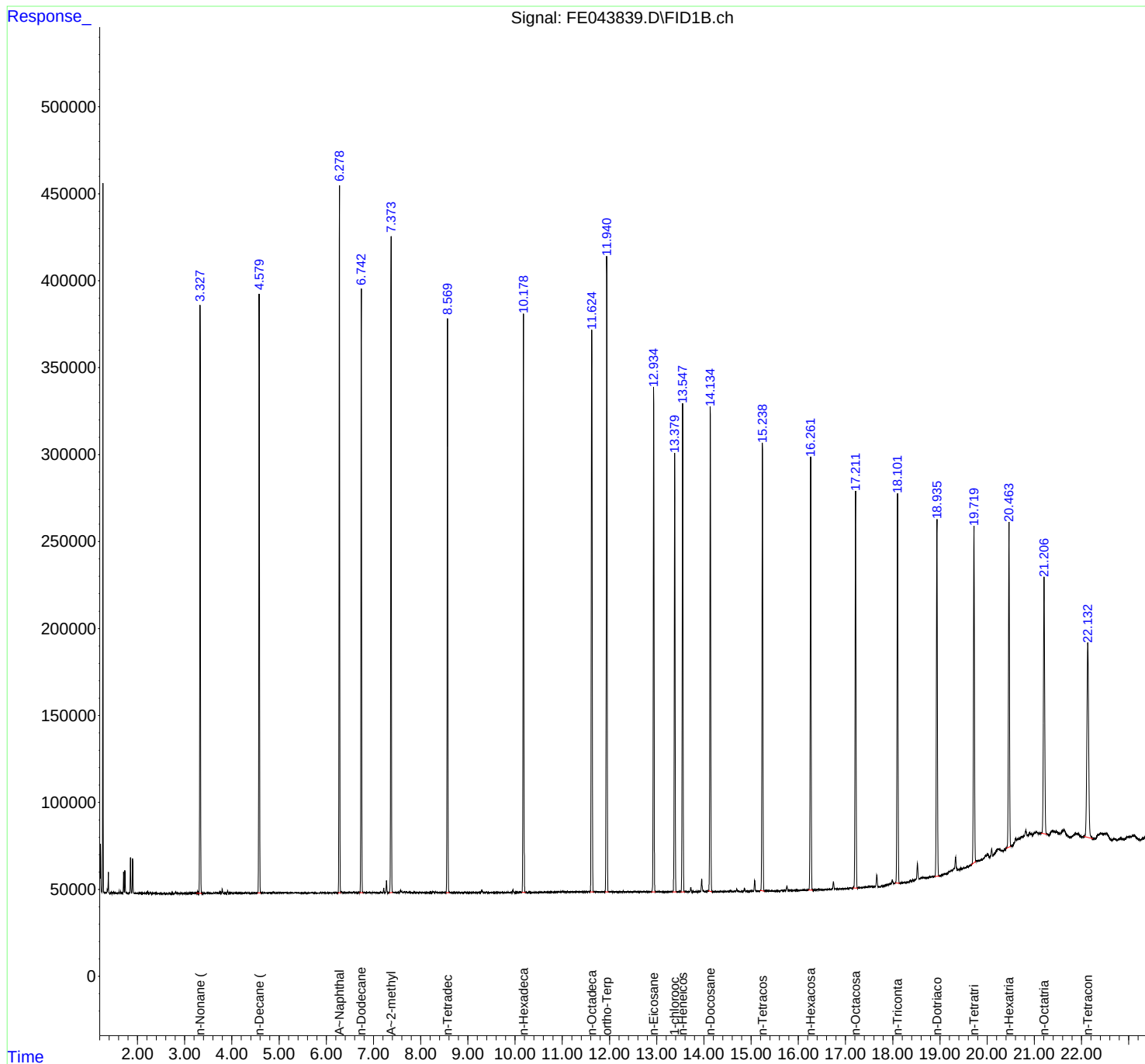
(m)=manual int.

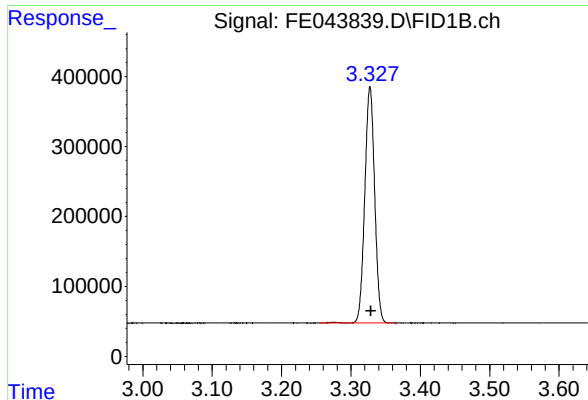
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080923AL\
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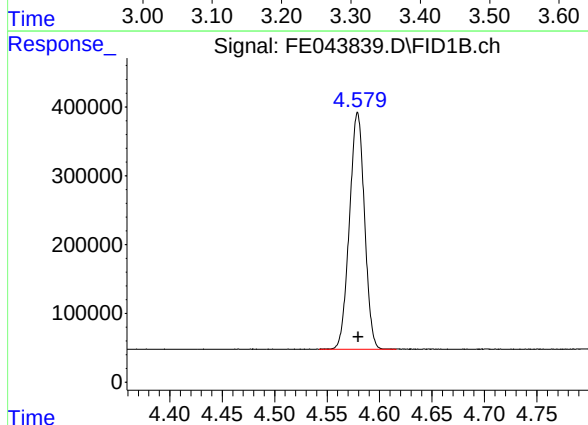




#1 n-Nonane (C9)

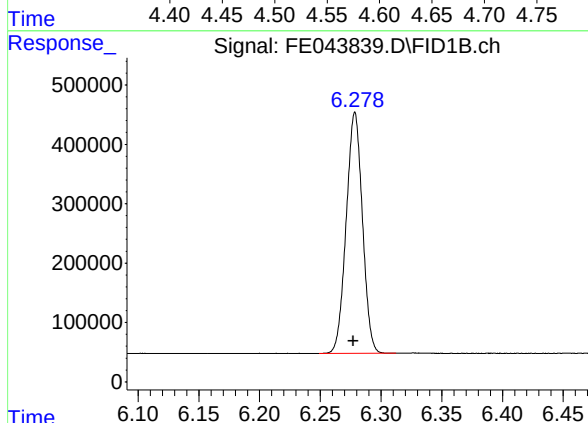
R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 3333409
Conc: 20.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



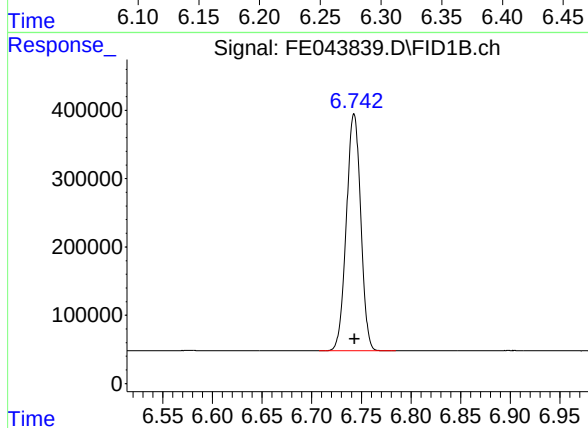
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 3433237
Conc: 20.83 ug/ml



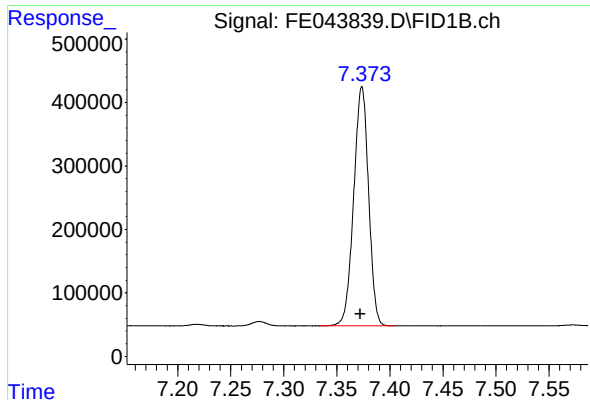
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.001 min
Response: 3776872
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

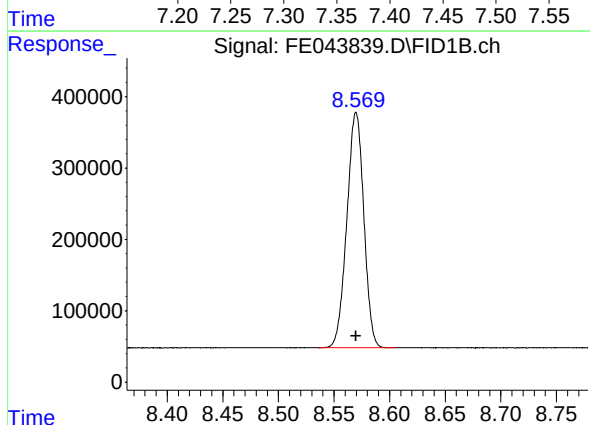
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3496490
Conc: 20.89 ug/ml



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

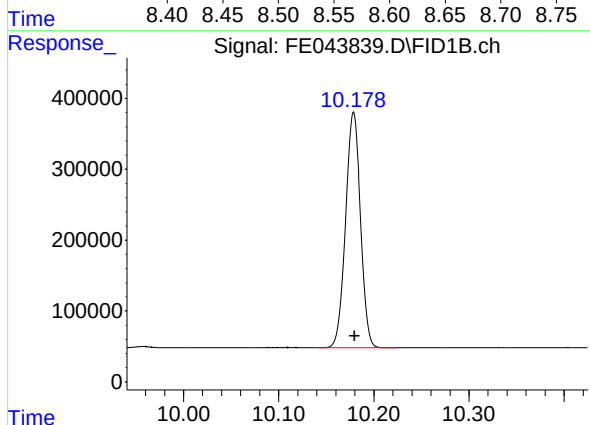
R.T.: 7.374 min
Delta R.T.: 0.002 min
Response: 3680886
Conc: 20.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



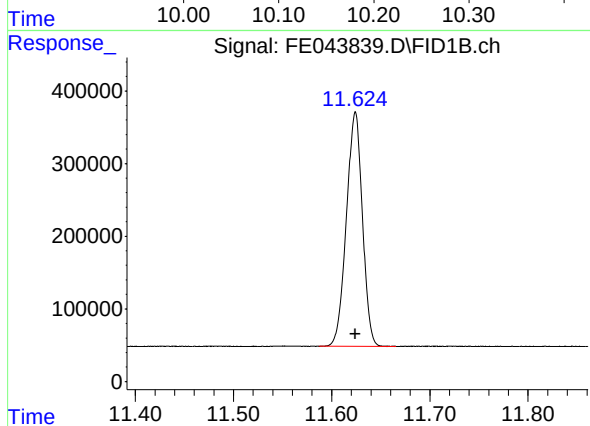
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3509902
Conc: 20.83 ug/ml



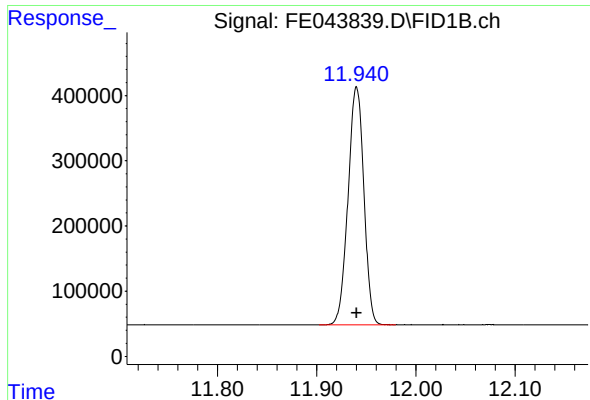
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.001 min
Response: 3626233
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

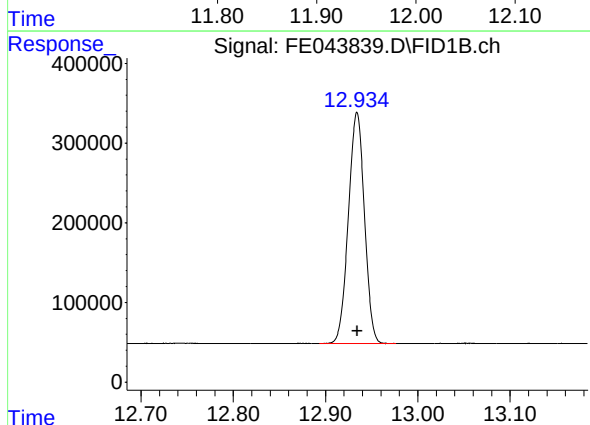
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 3660353
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

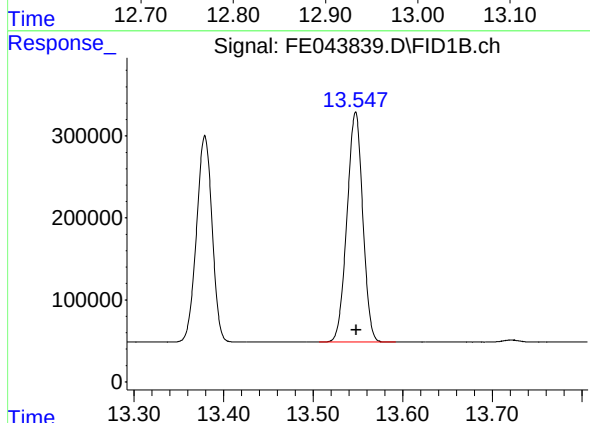
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4038422
Conc: 19.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



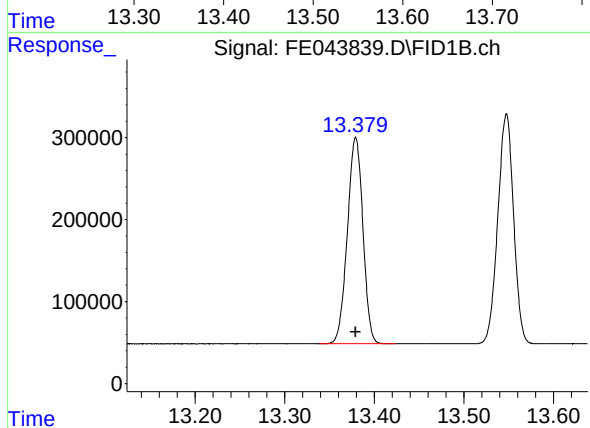
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3507566
Conc: 19.82 ug/ml



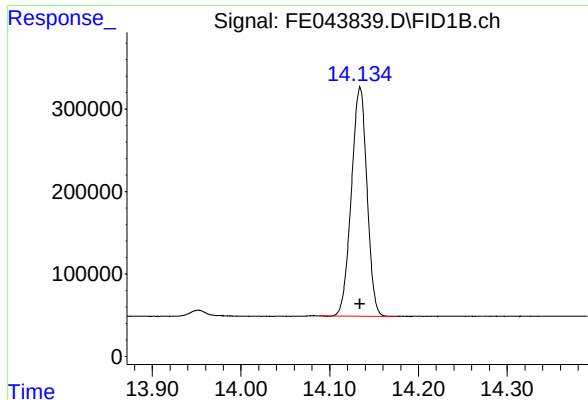
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: 0.000 min
Response: 3434961
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

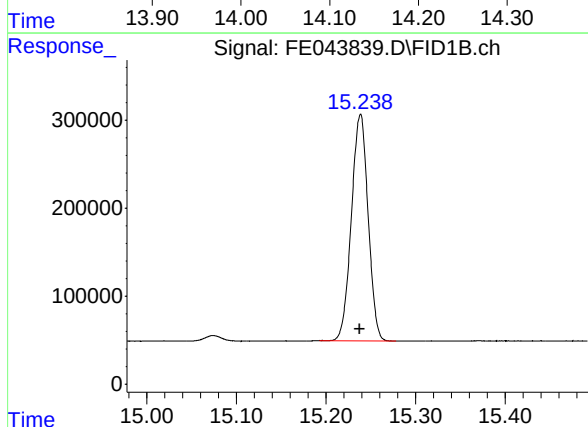
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3038154
Conc: 19.47 ug/ml



#13 n-Docosane (C22)

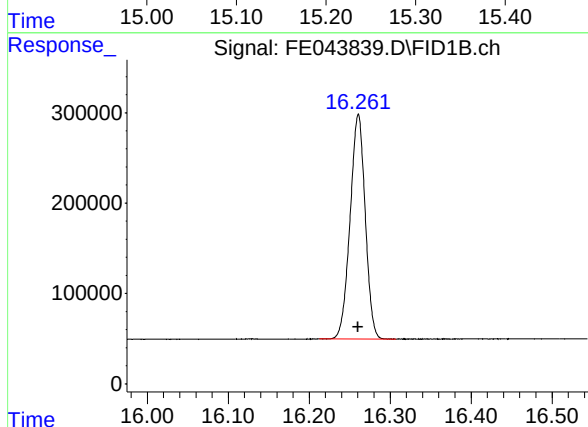
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3395708
Conc: 19.36 ug/ml

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20 PPM ALIPHATIC HC STD



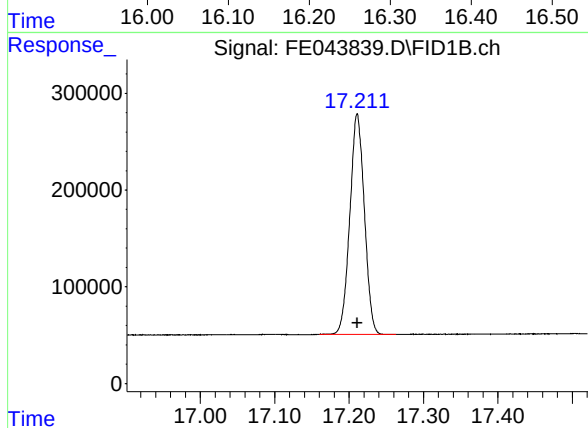
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: 0.000 min
Response: 3342990
Conc: 19.03 ug/ml



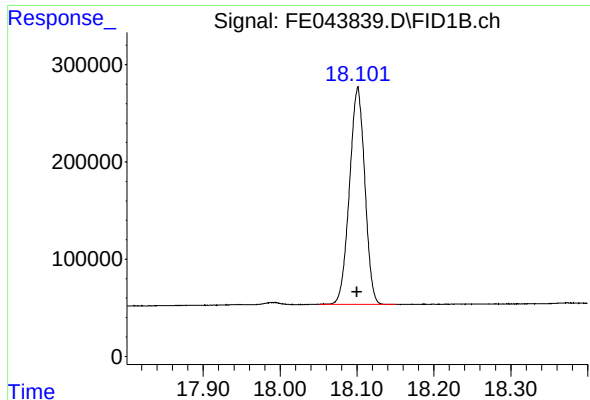
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: 0.000 min
Response: 3230657
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

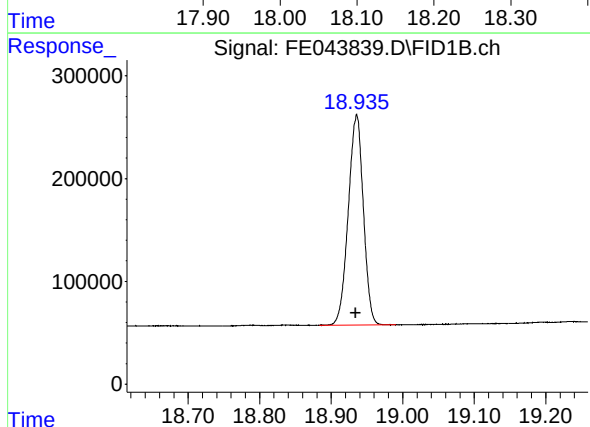
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3098985
Conc: 18.52 ug/ml



#17 n-Tricontane (C30)

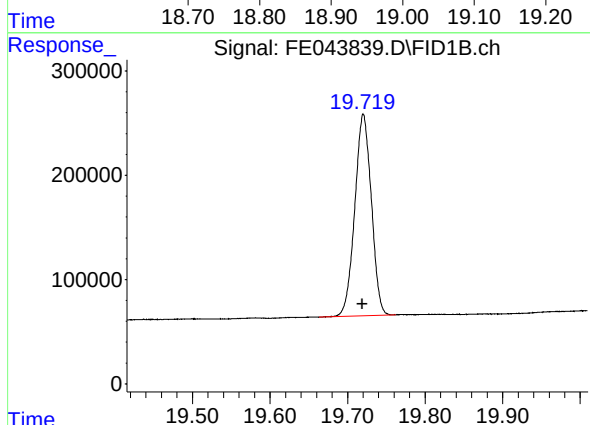
R.T.: 18.101 min
Delta R.T.: 0.001 min
Response: 3088591
Conc: 18.65 ug/ml

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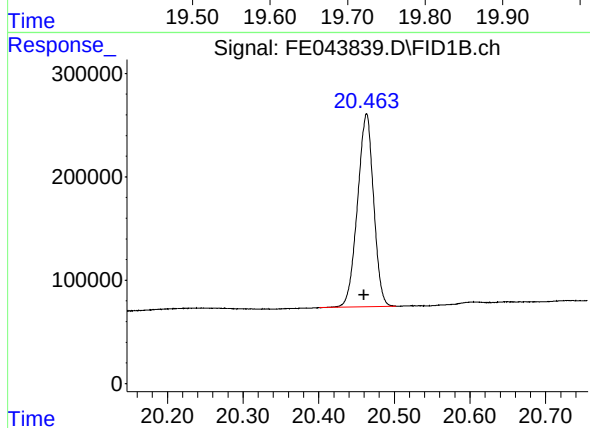
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.002 min
Response: 2998014
Conc: 18.99 ug/ml



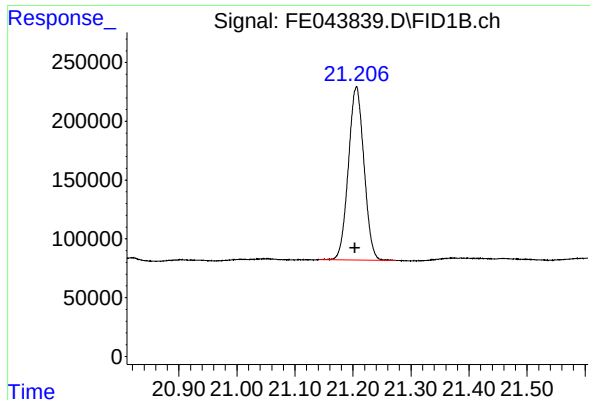
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.002 min
Response: 2866736
Conc: 19.29 ug/ml



#20 n-Hexatriacontane (C36)

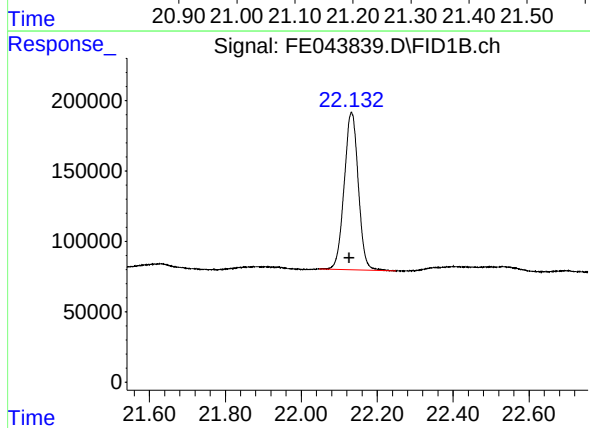
R.T.: 20.463 min
Delta R.T.: 0.004 min
Response: 2766448
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: 0.003 min
Response: 2752629
Conc: 20.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: 0.006 min
Response: 2882523
Conc: 22.34 ug/ml