

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061223AL\
 Data File : FE042570.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2023 00:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 13 02:14:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.942	3327223	18.843 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	13.378	2453608	18.465 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
Target Compounds			
1) T n-Nonane (C9)	3.321	2747979	19.057 ug/ml
2) T n-Decane (C10)	4.573	2905444	19.627 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3102786	19.017 ug/ml
4) T n-Dodecane (C12)	6.741	2936832	19.585 ug/ml
5) T A~2-methylnaphthalene...	7.378	2977351	18.761 ug/ml
6) T n-Tetradecane (C14)	8.571	2905343	19.394 ug/ml
7) T n-Hexadecane (C16)	10.179	3009040	19.317 ug/ml
8) T n-Octadecane (C18)	11.623	3026430	19.138 ug/ml
10) T n-Eicosane (C20)	12.932	2874281	18.962 ug/ml
11) T n-Heneicosane (C21)	13.544	2795074	18.866 ug/ml
13) T n-Docosane (C22)	14.131	2738043	18.677 ug/ml
14) T n-Tetracosane (C24)	15.234	2677963	18.551 ug/ml
15) T n-Hexacosane (C26)	16.256	2615570	18.885 ug/ml
16) T n-Octacosane (C28)	17.205	2645686	19.761 ug/ml
17) T n-Tricontane (C30)	18.093	2921668	21.643 ug/ml
18) T n-Dotriacontane (C32)	18.926	3008365	22.519 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2891369	21.986 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2743838	21.111 ug/ml
21) T n-Octatriacontane (C38)	21.197	2700809	19.907 ug/ml
22) T n-Tetracontane (C40)	22.124	2776842	19.960 ug/ml

(f)=RT Delta > 1/2 Window

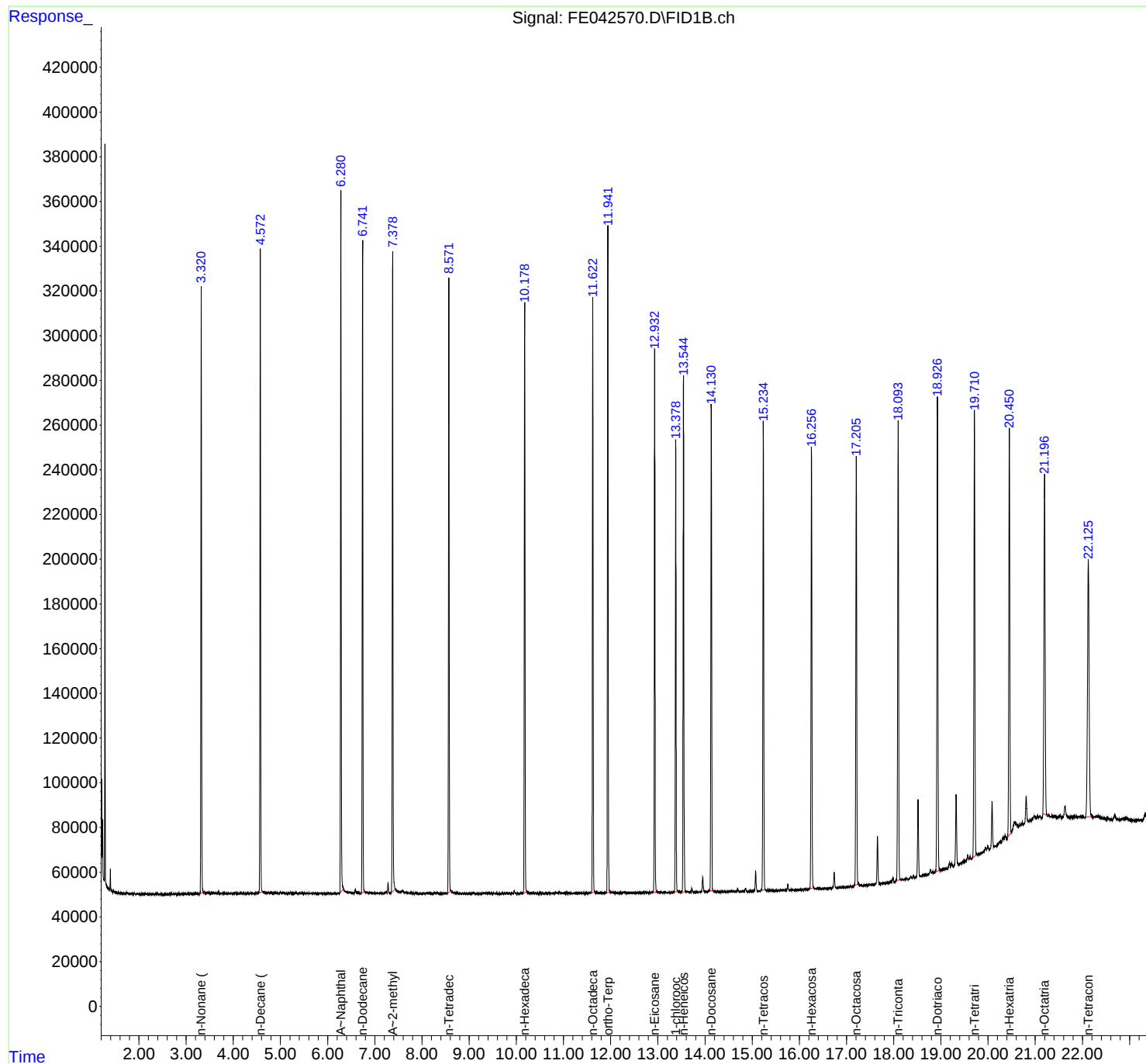
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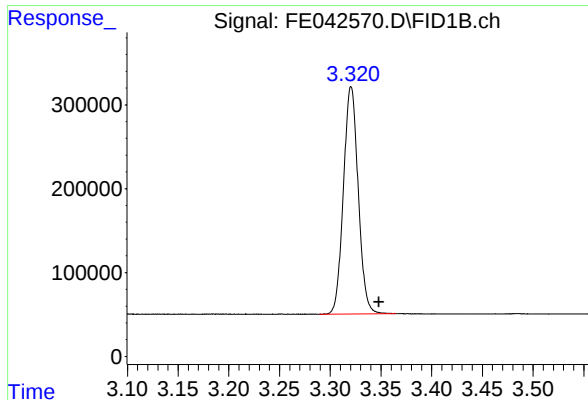
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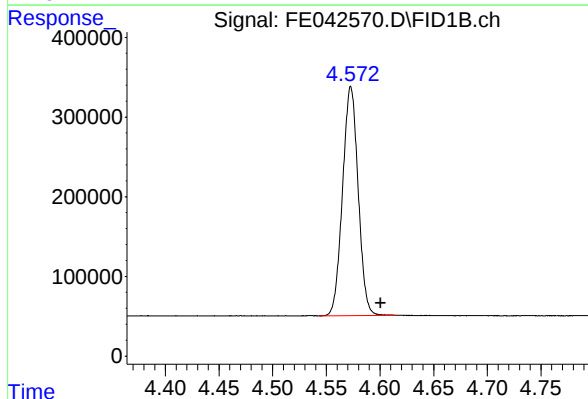




#1 n-Nonane (C9)

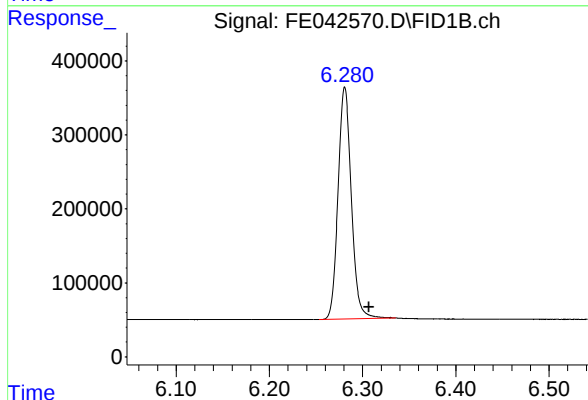
R.T.: 3.321 min
Delta R.T.: -0.027 min
Response: 2747979
Conc: 19.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



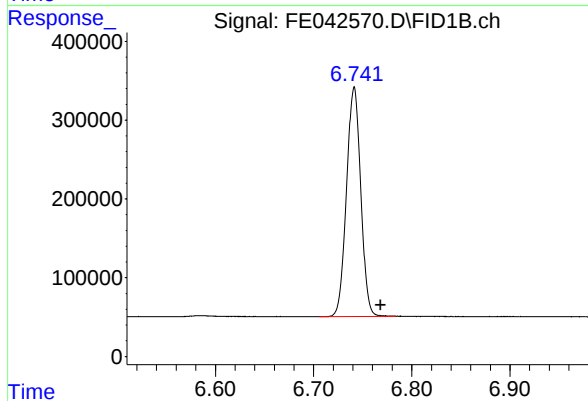
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.028 min
Response: 2905444
Conc: 19.63 ug/ml



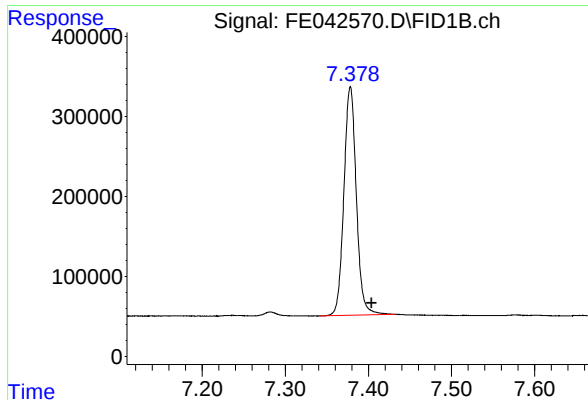
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.026 min
Response: 3102786
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

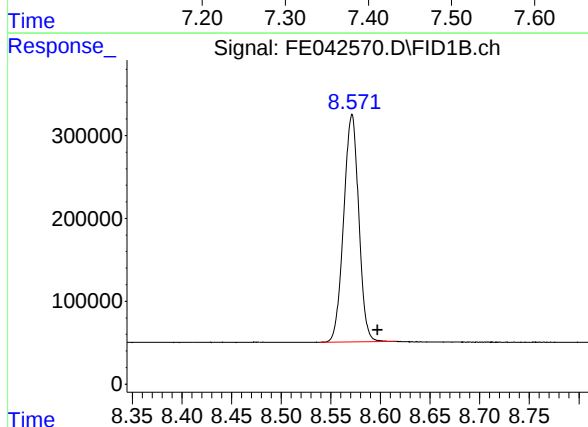
R.T.: 6.741 min
Delta R.T.: -0.027 min
Response: 2936832
Conc: 19.58 ug/ml



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

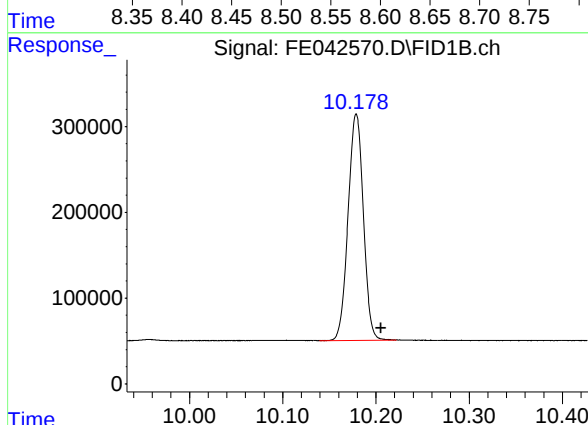
R.T.: 7.378 min
Delta R.T.: -0.025 min
Response: 2977351
Conc: 18.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



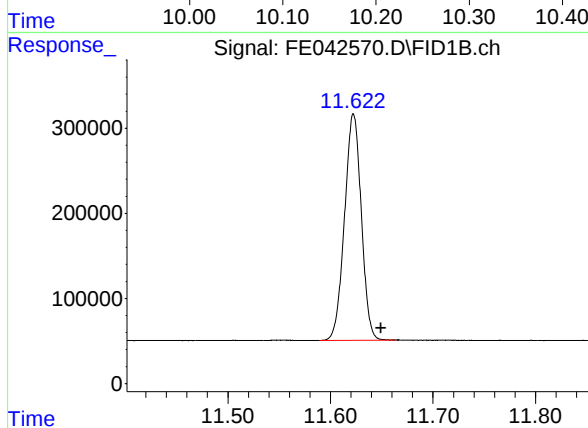
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.026 min
Response: 2905343
Conc: 19.39 ug/ml



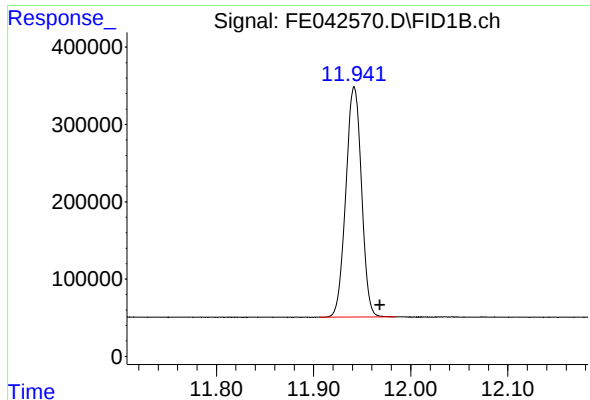
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.026 min
Response: 3009040
Conc: 19.32 ug/ml



#8 n-Octadecane (C18)

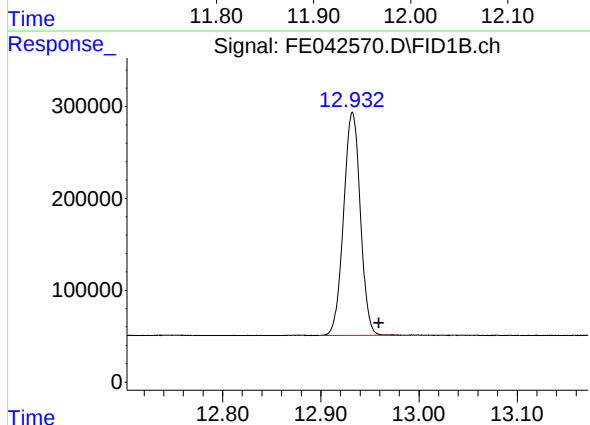
R.T.: 11.623 min
Delta R.T.: -0.027 min
Response: 3026430
Conc: 19.14 ug/ml



#9 ortho-Terphenyl (SURR)

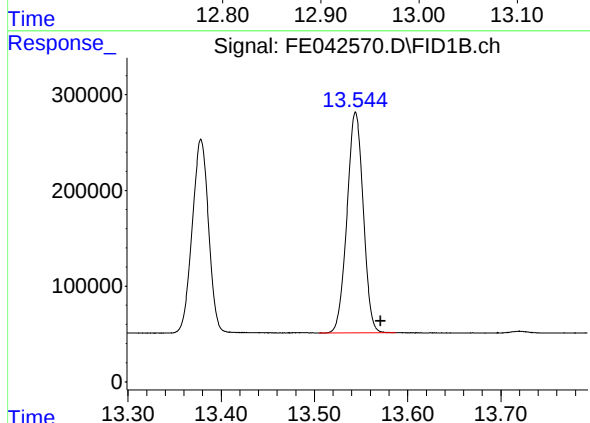
R.T.: 11.942 min
Delta R.T.: -0.026 min
Response: 3327223
Conc: 18.84 ug/ml

Instrument :
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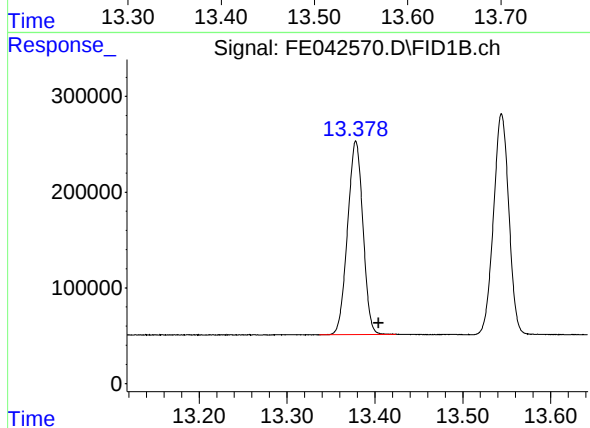
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.027 min
Response: 2874281
Conc: 18.96 ug/ml



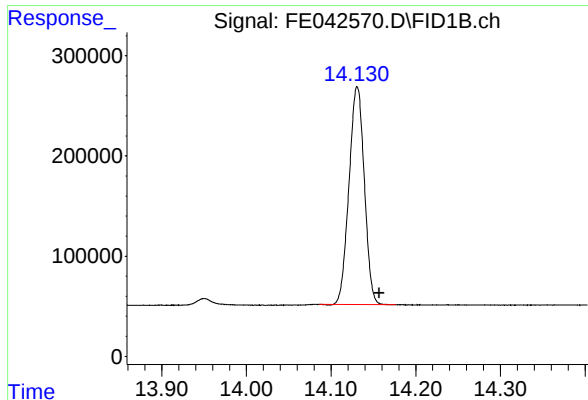
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.027 min
Response: 2795074
Conc: 18.87 ug/ml



#12 1-chlorooctadecane (SURR)

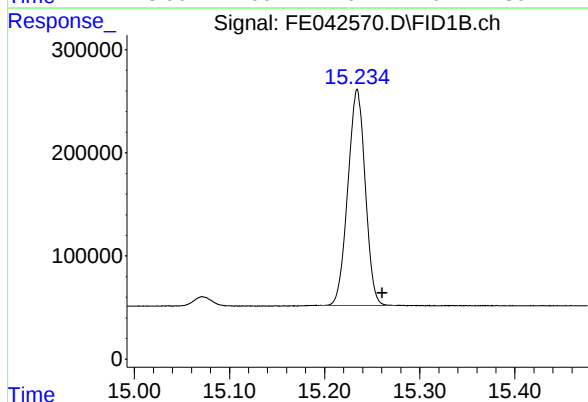
R.T.: 13.378 min
Delta R.T.: -0.026 min
Response: 2453608
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

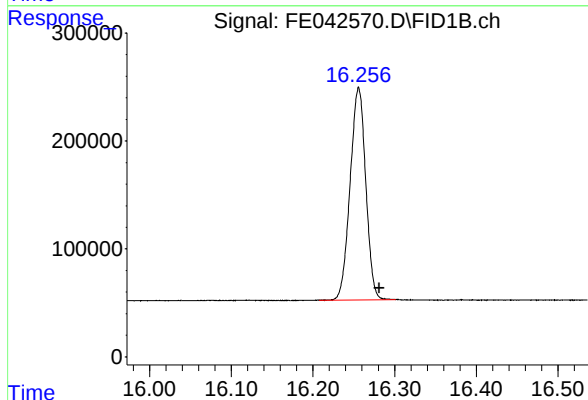
R.T.: 14.131 min
Delta R.T.: -0.026 min
Response: 2738043
Conc: 18.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



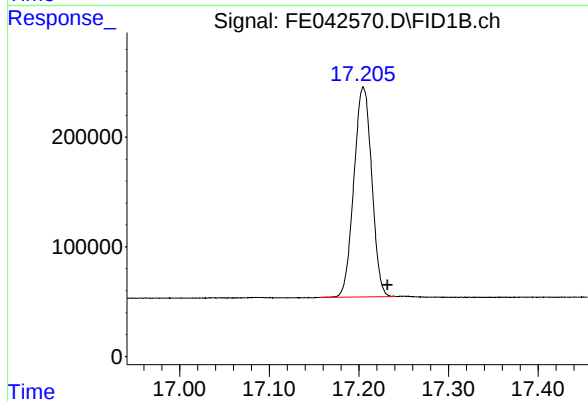
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.027 min
Response: 2677963
Conc: 18.55 ug/ml



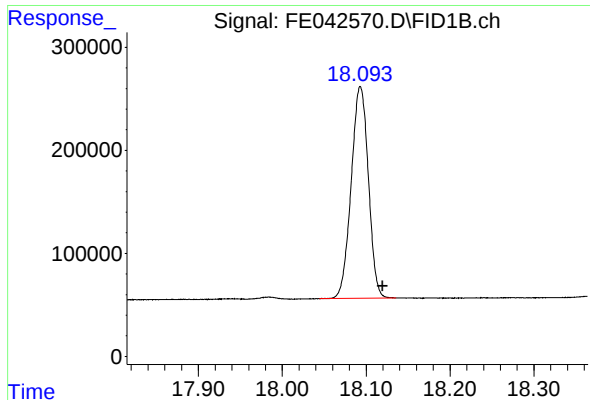
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.025 min
Response: 2615570
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

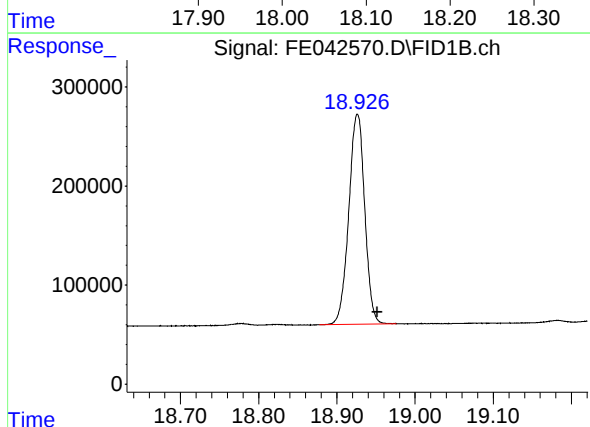
R.T.: 17.205 min
Delta R.T.: -0.027 min
Response: 2645686
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

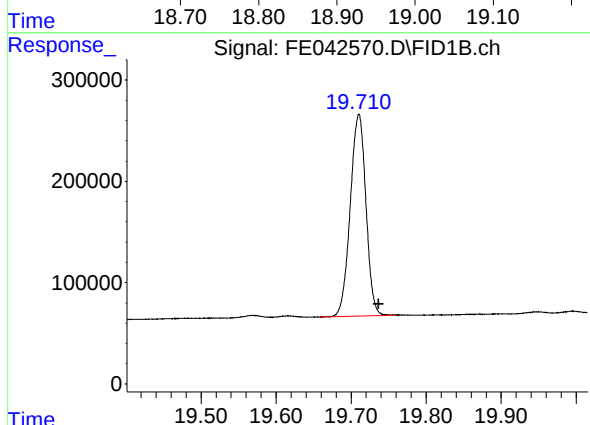
R.T.: 18.093 min
Delta R.T.: -0.027 min
Response: 2921668
Conc: 21.64 ug/ml

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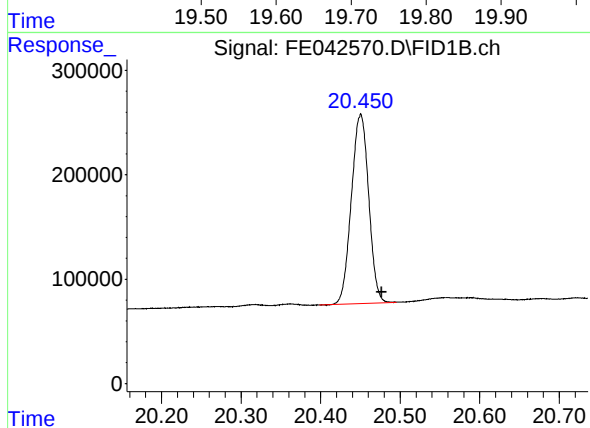
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.025 min
Response: 3008365
Conc: 22.52 ug/ml



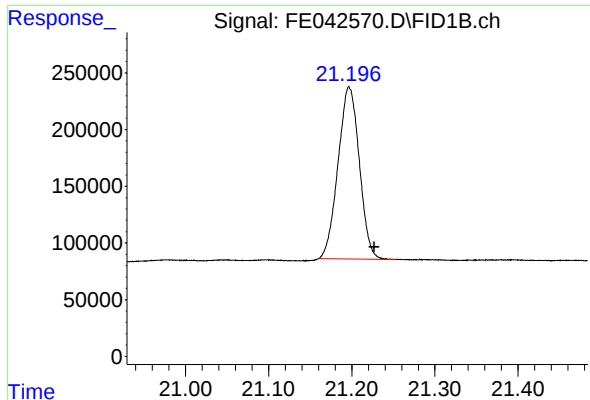
#19 n-Tetatriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.026 min
Response: 2891369
Conc: 21.99 ug/ml



#20 n-Hexatriacontane (C36)

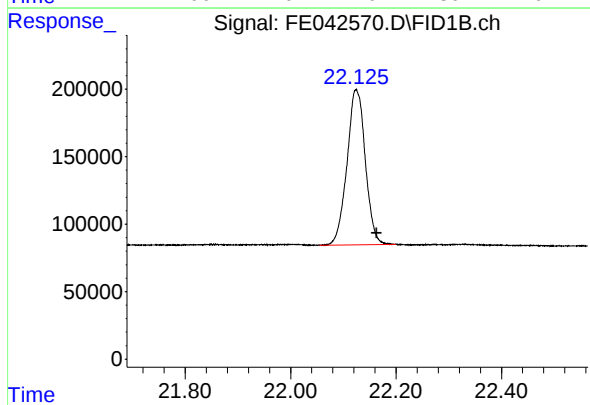
R.T.: 20.450 min
Delta R.T.: -0.026 min
Response: 2743838
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.030 min
Response: 2700809
Conc: 19.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.039 min
Response: 2776842
Conc: 19.96 ug/ml