

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061323AL\
 Data File : FE042573.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2023 07:11
 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 14 01:50:00 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)	11.941	3428399	19.416 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
12) S 1-chlorooctadecane (S...	13.378	2529906	19.039 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T n-Nonane (C9)	3.321	2846099	19.738 ug/ml
2) T n-Decane (C10)	4.572	3019248	20.395 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3249261	19.915 ug/ml
4) T n-Dodecane (C12)	6.740	3053875	20.365 ug/ml
5) T A~2-methylnaphthalene...	7.378	3114859	19.627 ug/ml
6) T n-Tetradecane (C14)	8.570	3020463	20.162 ug/ml
7) T n-Hexadecane (C16)	10.178	3122974	20.049 ug/ml
8) T n-Octadecane (C18)	11.622	3130889	19.799 ug/ml
10) T n-Eicosane (C20)	12.932	2965189	19.562 ug/ml
11) T n-Heneicosane (C21)	13.544	2877273	19.421 ug/ml
13) T n-Docosane (C22)	14.130	2815517	19.206 ug/ml
14) T n-Tetracosane (C24)	15.233	2751654	19.062 ug/ml
15) T n-Hexacosane (C26)	16.255	2680403	19.353 ug/ml
16) T n-Octacosane (C28)	17.205	2697839	20.151 ug/ml
17) T n-Tricontane (C30)	18.094	2986645	22.125 ug/ml
18) T n-Dotriacontane (C32)	18.927	3069584	22.977 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2961951	22.523 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2844285	21.884 ug/ml
21) T n-Octatriacontane (C38)	21.197	2828543	20.848 ug/ml
22) T n-Tetracontane (C40)	22.124	2945192	21.170 ug/ml

(f)=RT Delta > 1/2 Window

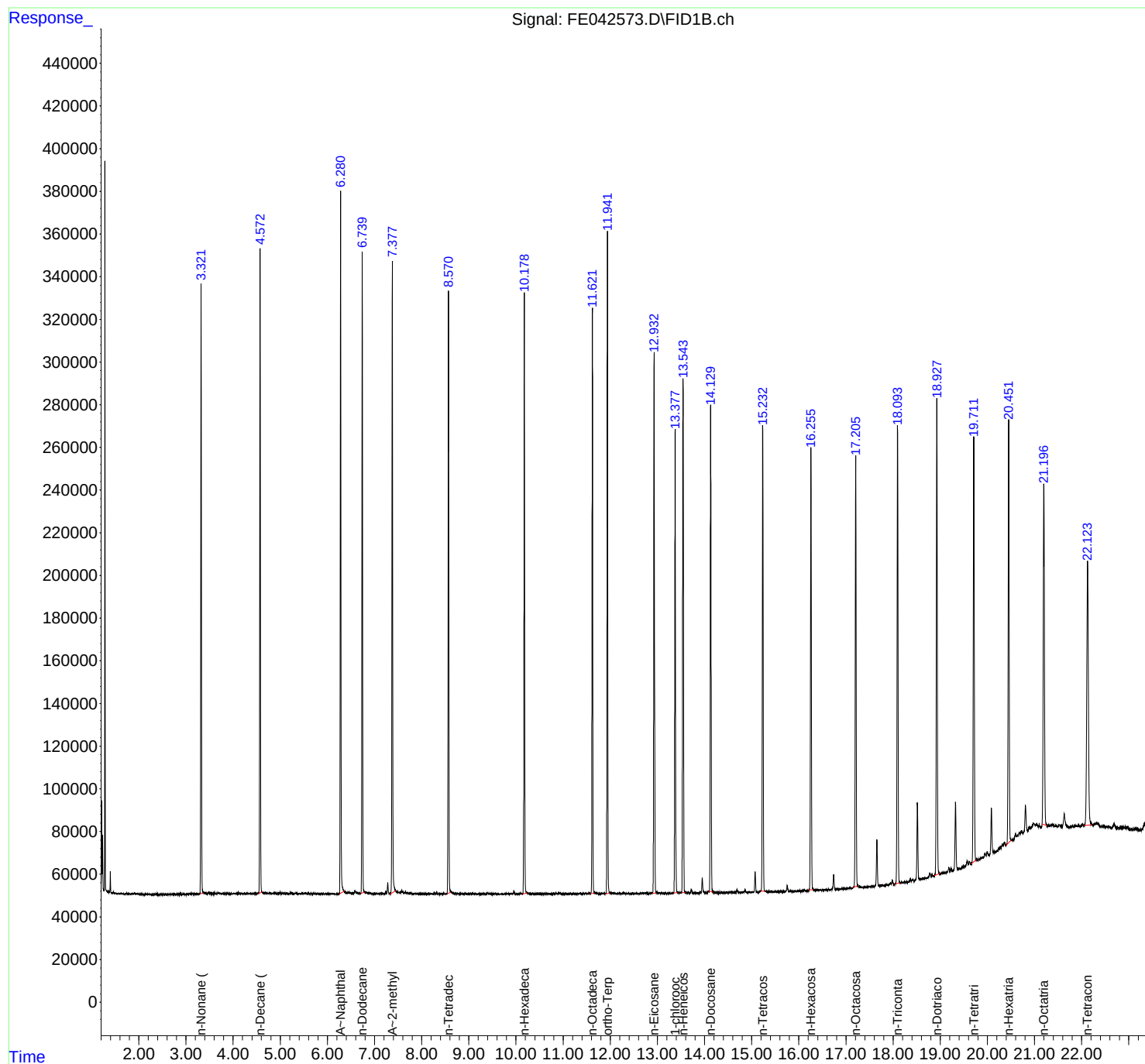
(m)=manual int.

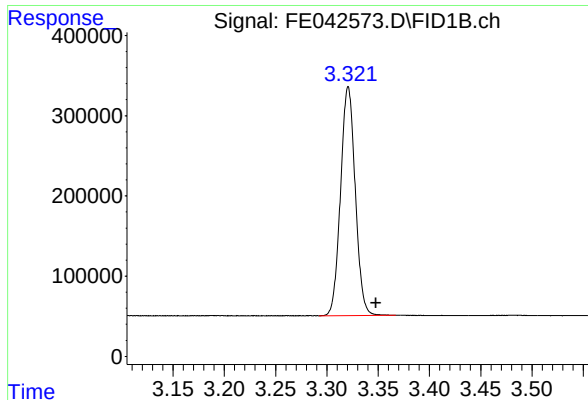
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061323AL\
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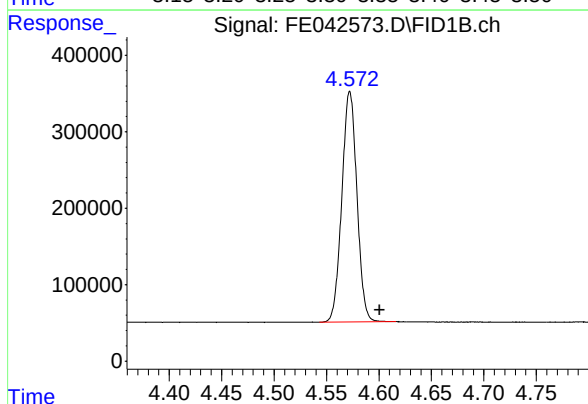




#1 n-Nonane (C9)

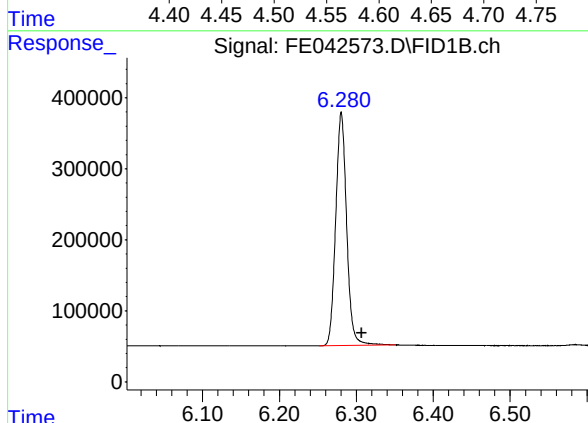
R.T.: 3.321 min
Delta R.T.: -0.027 min
Response: 2846099
Conc: 19.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



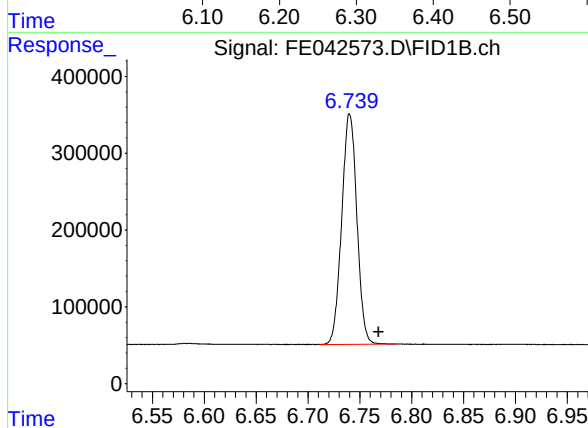
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.028 min
Response: 3019248
Conc: 20.40 ug/ml



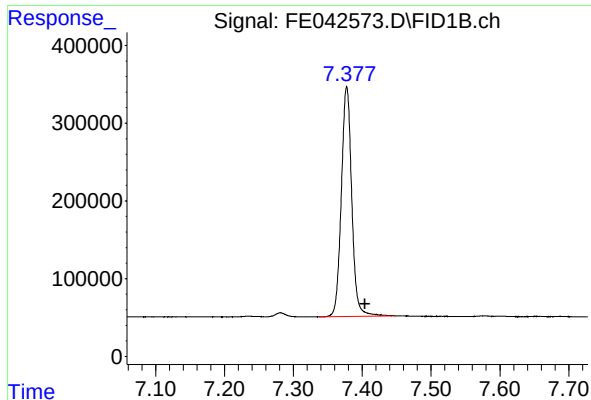
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.026 min
Response: 3249261
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

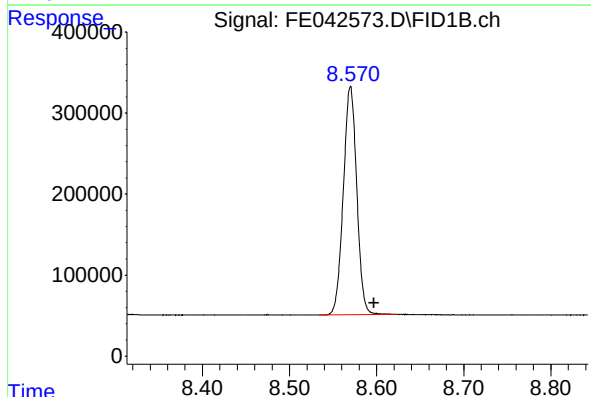
R.T.: 6.740 min
Delta R.T.: -0.028 min
Response: 3053875
Conc: 20.37 ug/ml



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

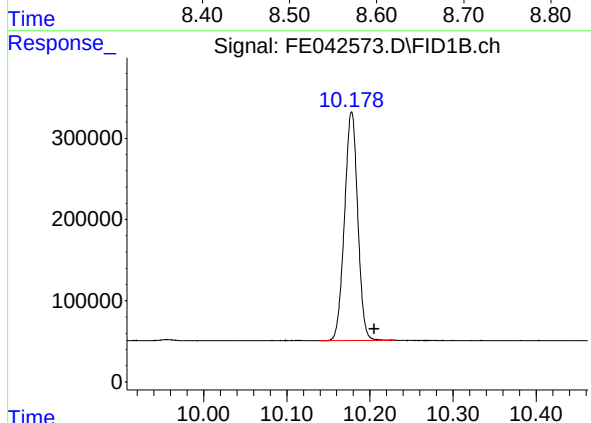
R.T.: 7.378 min
Delta R.T.: -0.026 min
Response: 3114859
Conc: 19.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



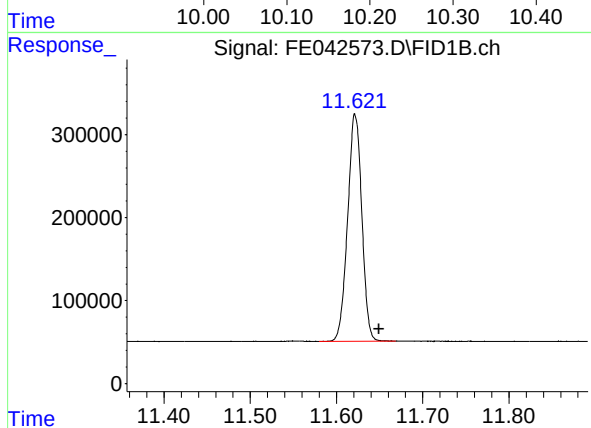
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.027 min
Response: 3020463
Conc: 20.16 ug/ml



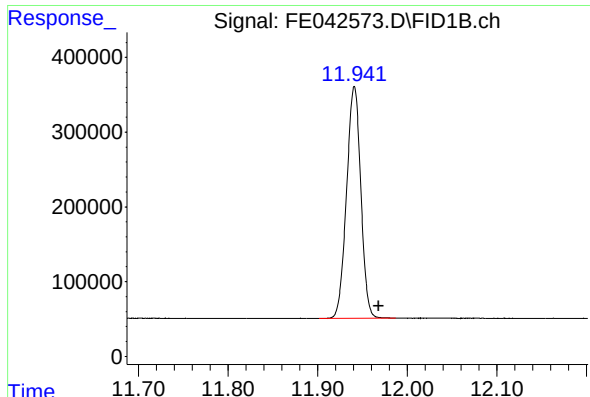
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.027 min
Response: 3122974
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

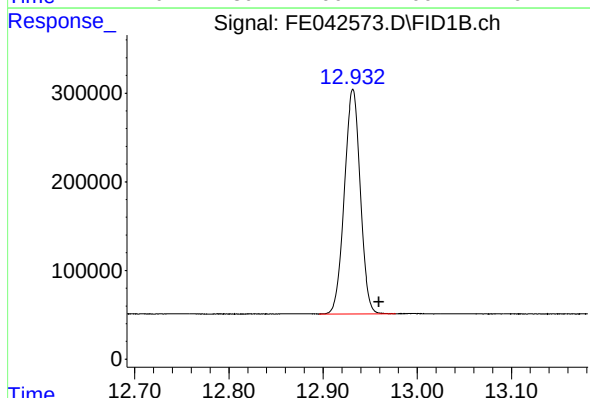
R.T.: 11.622 min
Delta R.T.: -0.028 min
Response: 3130889
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

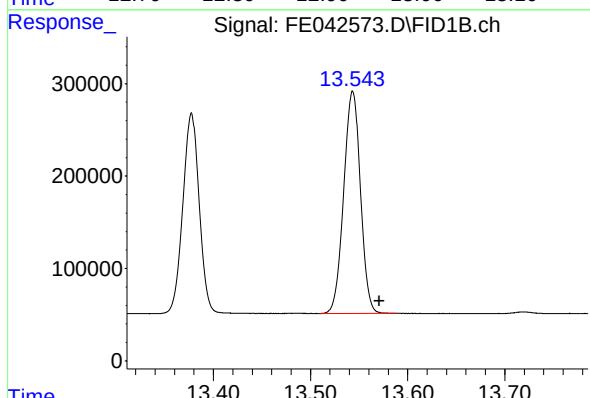
R.T.: 11.941 min
Delta R.T.: -0.027 min
Response: 3428399
Conc: 19.42 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



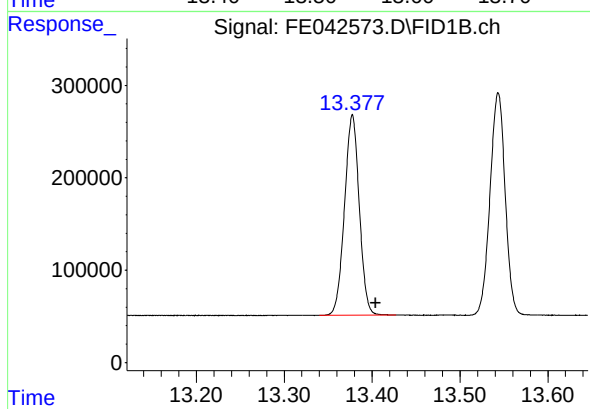
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.027 min
Response: 2965189
Conc: 19.56 ug/ml



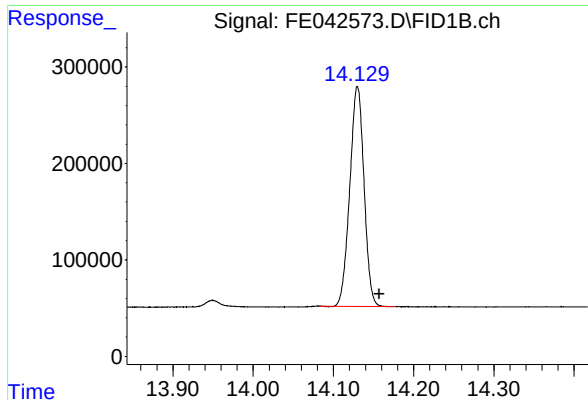
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.027 min
Response: 2877273
Conc: 19.42 ug/ml



#12 1-chlorooctadecane (SURR)

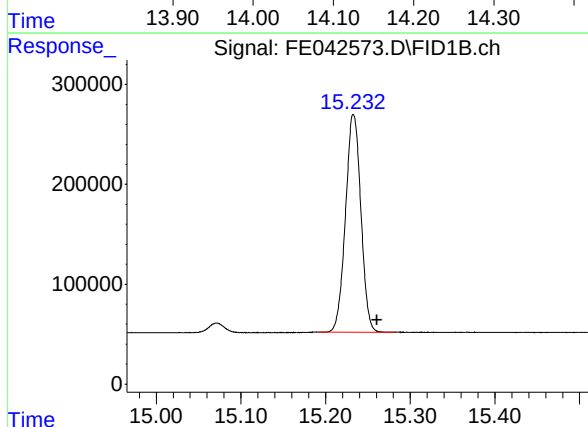
R.T.: 13.378 min
Delta R.T.: -0.026 min
Response: 2529906
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

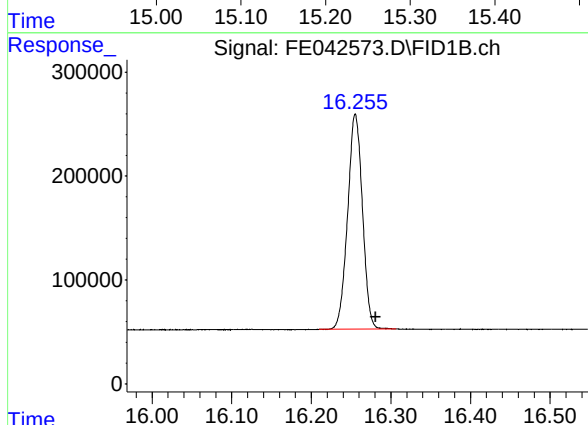
R.T.: 14.130 min
Delta R.T.: -0.027 min
Response: 2815517
Conc: 19.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



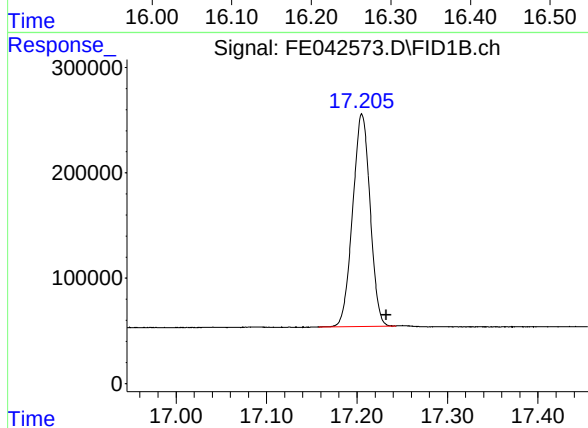
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.028 min
Response: 2751654
Conc: 19.06 ug/ml



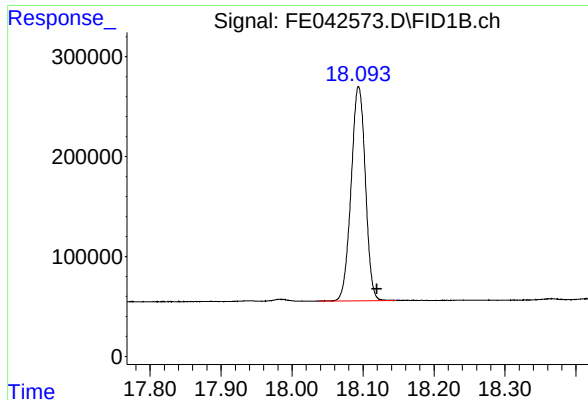
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.026 min
Response: 2680403
Conc: 19.35 ug/ml



#16 n-Octacosane (C28)

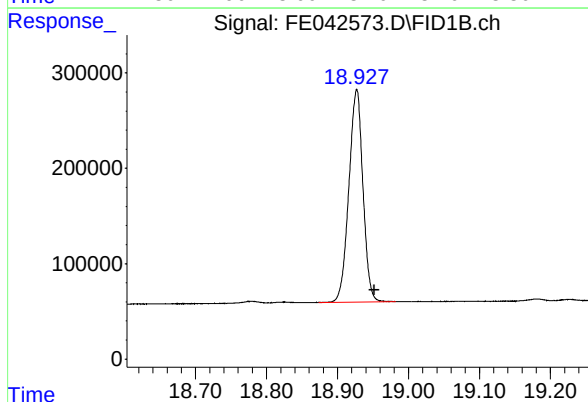
R.T.: 17.205 min
Delta R.T.: -0.027 min
Response: 2697839
Conc: 20.15 ug/ml



#17 n-Tricontane (C30)

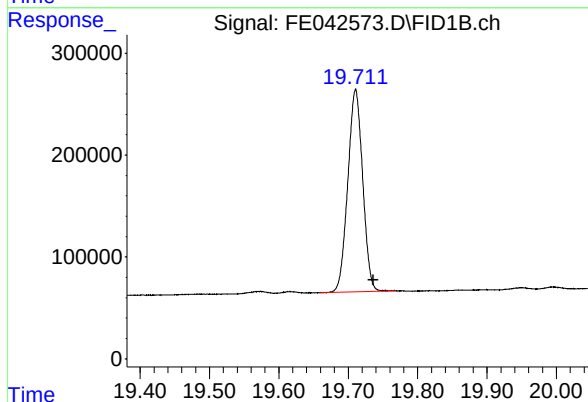
R.T.: 18.094 min
Delta R.T.: -0.026 min
Response: 2986645
Conc: 22.12 ug/ml

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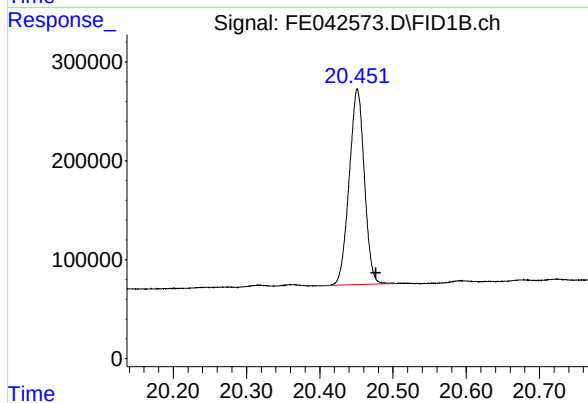
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.025 min
Response: 3069584
Conc: 22.98 ug/ml



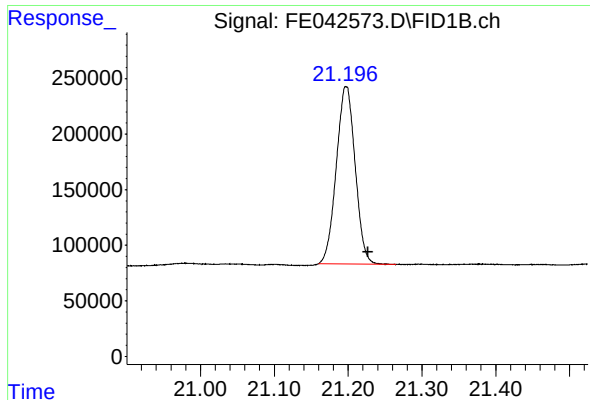
#19 n-Tetatriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.026 min
Response: 2961951
Conc: 22.52 ug/ml



#20 n-Hexatriacontane (C36)

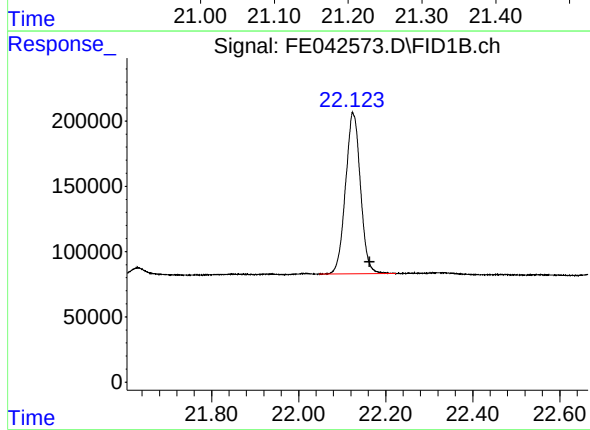
R.T.: 20.451 min
Delta R.T.: -0.025 min
Response: 2844285
Conc: 21.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.030 min
Response: 2828543
Conc: 20.85 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.039 min
Response: 2945192
Conc: 21.17 ug/ml