

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061824AL\
 Data File : FE048778.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2024 21:00
 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: Jun 19 01:25:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.935	2598677	18.097 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
12) S 1-chlorooctadecane (S...	13.369	1952896	17.926 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.324	2369529	15.849 ug/ml
2) T n-Decane (C10)	4.573	2589782	17.151 ug/ml
3) T A~Naphthalene (C11.7)	6.279	2528499	16.981 ug/ml
4) T n-Dodecane (C12)	6.739	2594451	17.527 ug/ml
5) T A~2-methylnaphthalene...	7.375	2410791	17.387 ug/ml
6) T n-Tetradecane (C14)	8.566	2535864	17.879 ug/ml
7) T n-Hexadecane (C16)	10.173	2553326	18.111 ug/ml
8) T n-Octadecane (C18)	11.616	2524464	18.177 ug/ml
10) T n-Eicosane (C20)	12.924	2396243	18.107 ug/ml
11) T n-Heneicosane (C21)	13.535	2339199	18.059 ug/ml
13) T n-Docosane (C22)	14.121	2349539	18.233 ug/ml
14) T n-Tetracosane (C24)	15.223	2425084	18.719 ug/ml
15) T n-Hexacosane (C26)	16.243	2453393	18.930 ug/ml
16) T n-Octacosane (C28)	17.191	2610769	20.199 ug/ml
17) T n-Tricontane (C30)	18.079	2977021	22.223 ug/ml
18) T n-Dotriacontane (C32)	18.911	3136348	23.105 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2965519	21.678 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2696513	19.837 ug/ml
21) T n-Octatriacontane (C38)	21.167	2586932	18.970 ug/ml
22) T n-Tetracontane (C40)	22.080	2471217	18.048 ug/ml

(f)=RT Delta > 1/2 Window

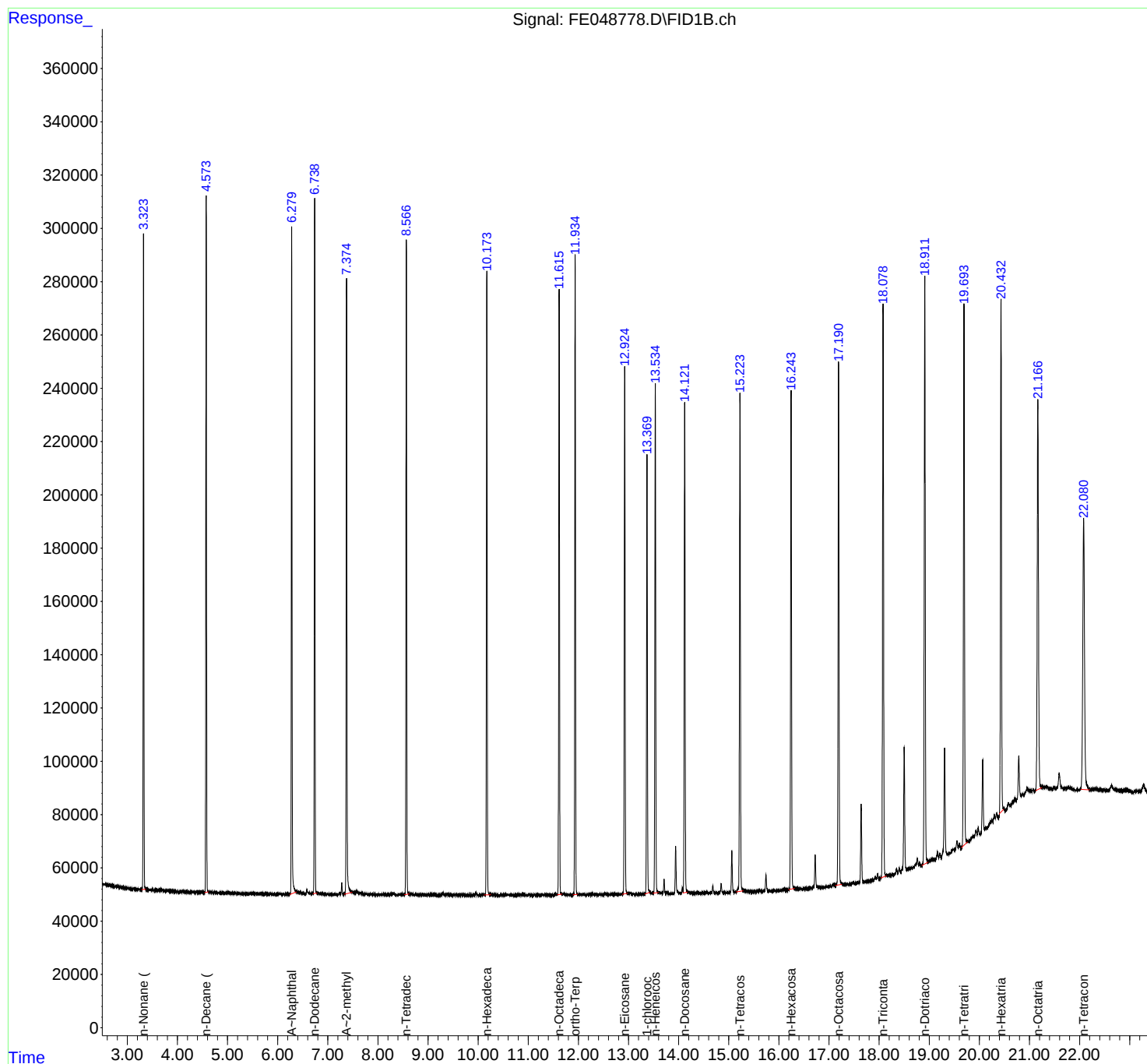
(m)=manual int.

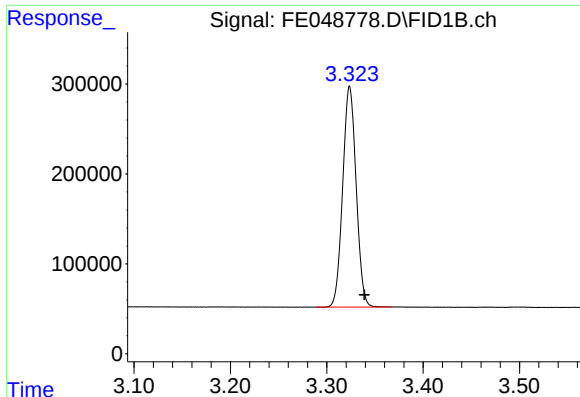
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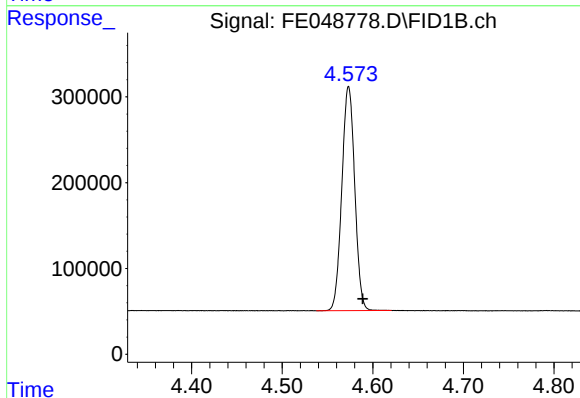




#1 n-Nonane (C9)

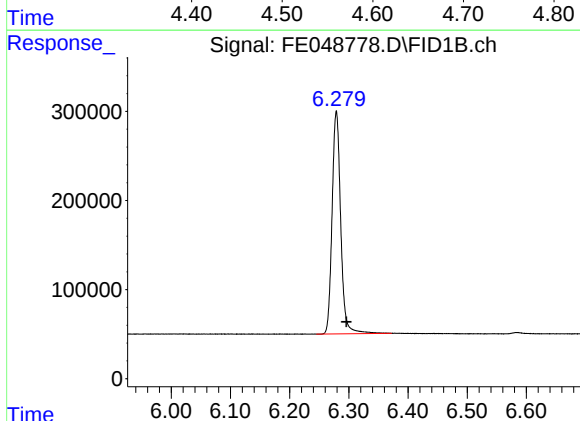
R.T.: 3.324 min
Delta R.T.: -0.015 min
Response: 2369529
Conc: 15.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



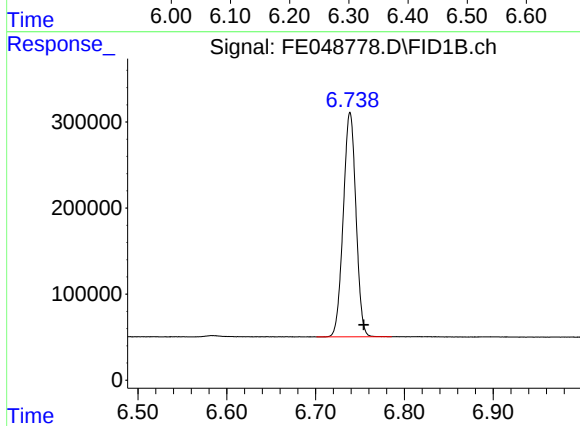
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.016 min
Response: 2589782
Conc: 17.15 ug/ml



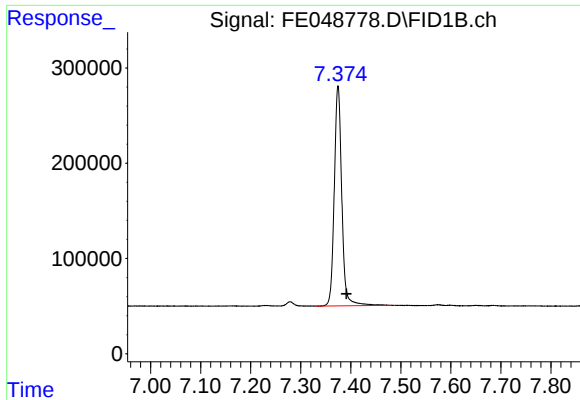
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.017 min
Response: 2528499
Conc: 16.98 ug/ml



#4 n-Dodecane (C12)

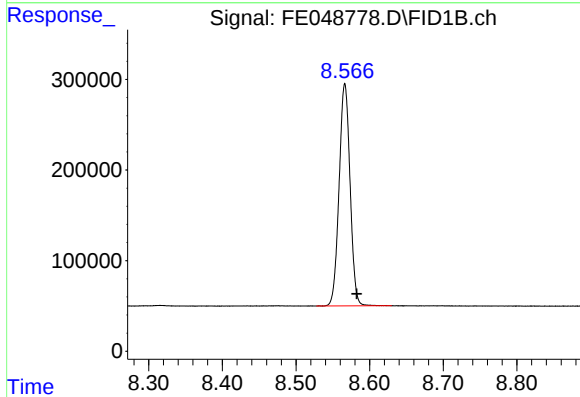
R.T.: 6.739 min
Delta R.T.: -0.015 min
Response: 2594451
Conc: 17.53 ug/ml



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

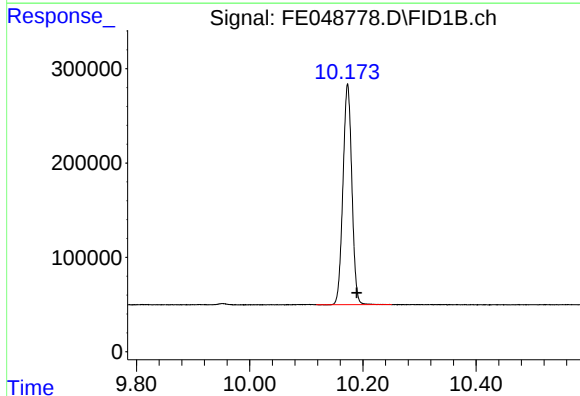
R.T.: 7.375 min
Delta R.T.: -0.017 min
Response: 2410791
Conc: 17.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



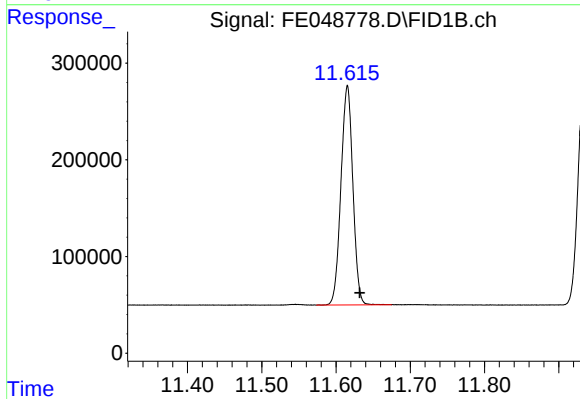
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.016 min
Response: 2535864
Conc: 17.88 ug/ml



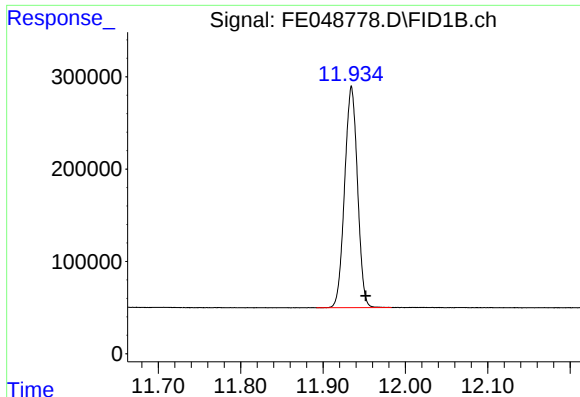
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.016 min
Response: 2553326
Conc: 18.11 ug/ml



#8 n-Octadecane (C18)

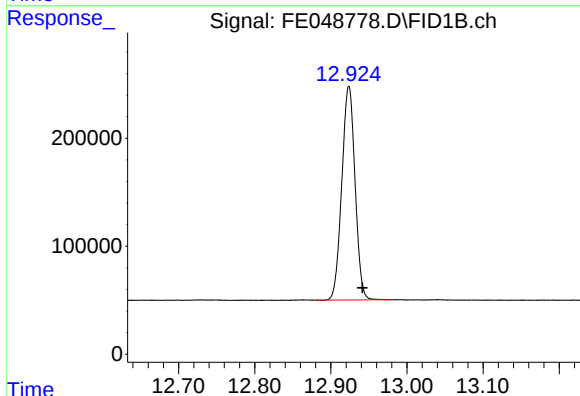
R.T.: 11.616 min
Delta R.T.: -0.016 min
Response: 2524464
Conc: 18.18 ug/ml



#9 ortho-Terphenyl (SURR)

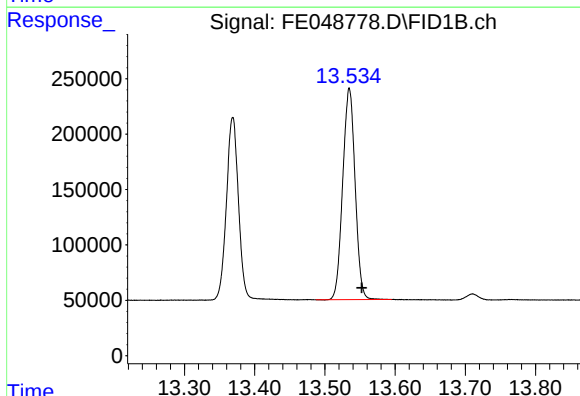
R.T.: 11.935 min
Delta R.T.: -0.017 min
Response: 2598677
Conc: 18.10 ug/ml

Instrument :
FID_E
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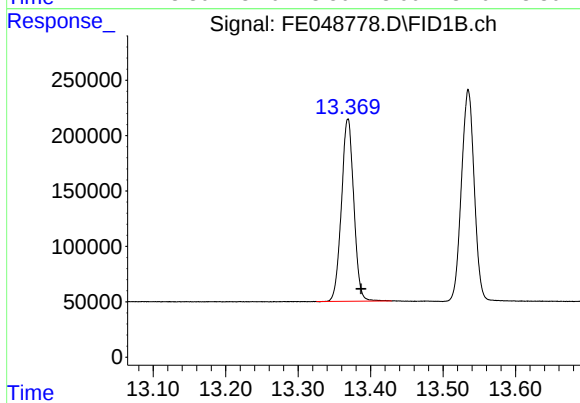
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.018 min
Response: 2396243
Conc: 18.11 ug/ml



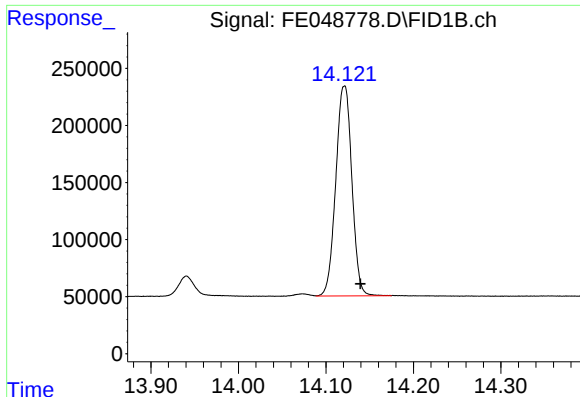
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.018 min
Response: 2339199
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

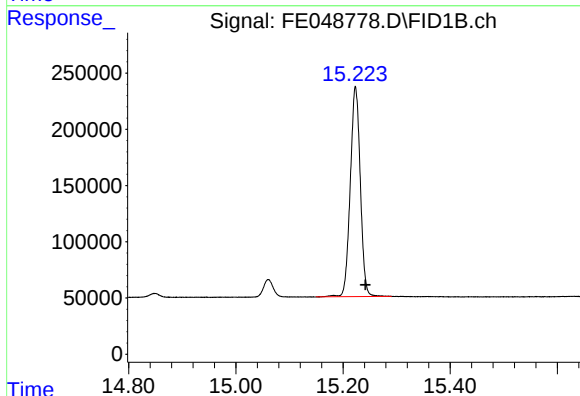
R.T.: 13.369 min
Delta R.T.: -0.018 min
Response: 1952896
Conc: 17.93 ug/ml



#13 n-Docosane (C22)

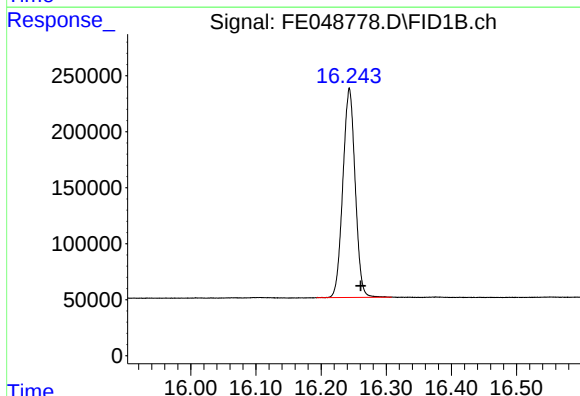
R.T.: 14.121 min
Delta R.T.: -0.018 min
Response: 2349539
Conc: 18.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



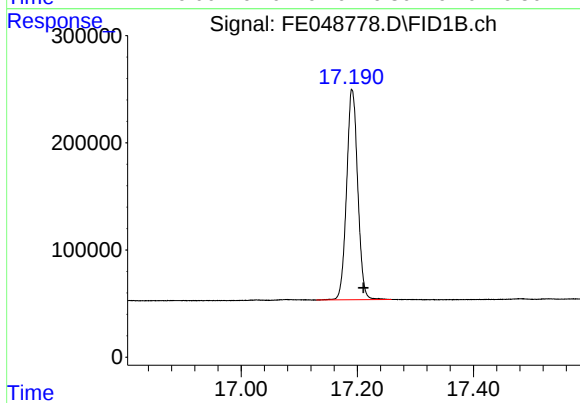
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.018 min
Response: 2425084
Conc: 18.72 ug/ml



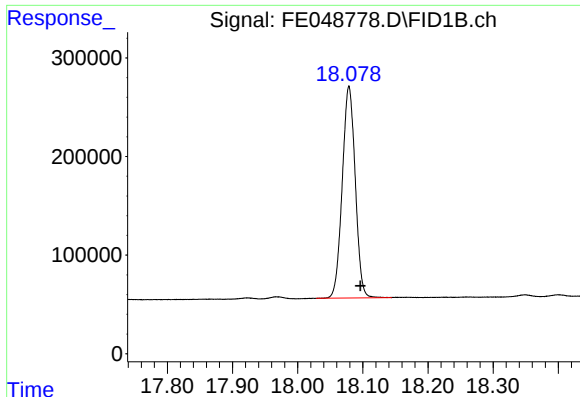
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: -0.017 min
Response: 2453393
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

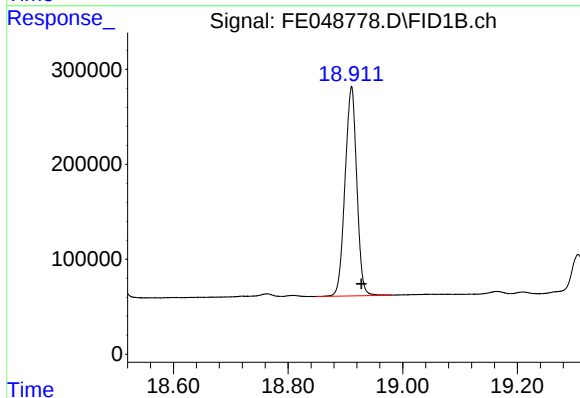
R.T.: 17.191 min
Delta R.T.: -0.019 min
Response: 2610769
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

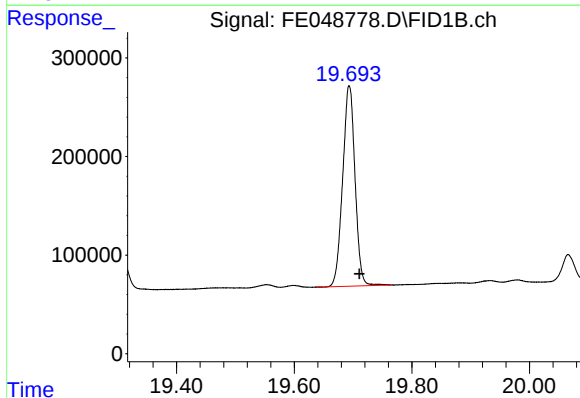
R.T.: 18.079 min
Delta R.T.: -0.018 min
Response: 2977021
Conc: 22.22 ug/ml

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20 PPM ALIPHATIC HC STD



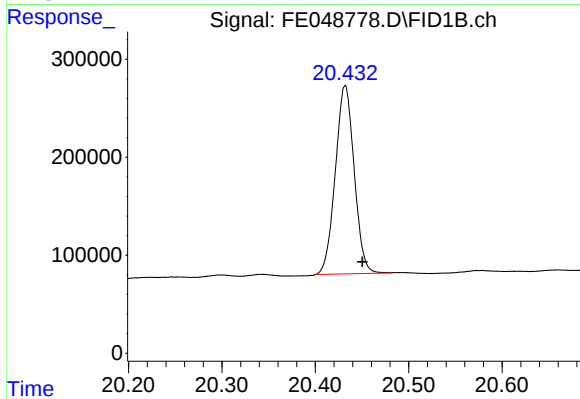
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.017 min
Response: 3136348
Conc: 23.11 ug/ml



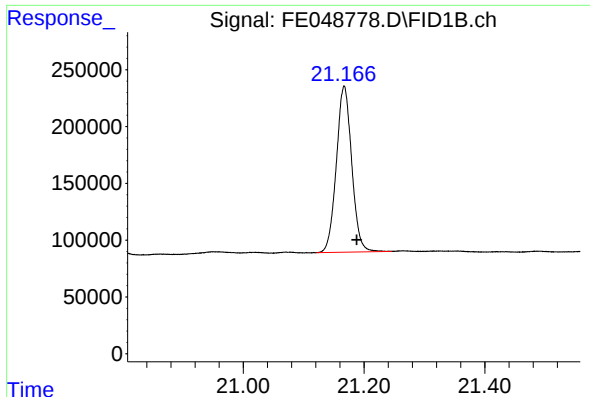
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.017 min
Response: 2965519
Conc: 21.68 ug/ml



#20 n-Hexatriacontane (C36)

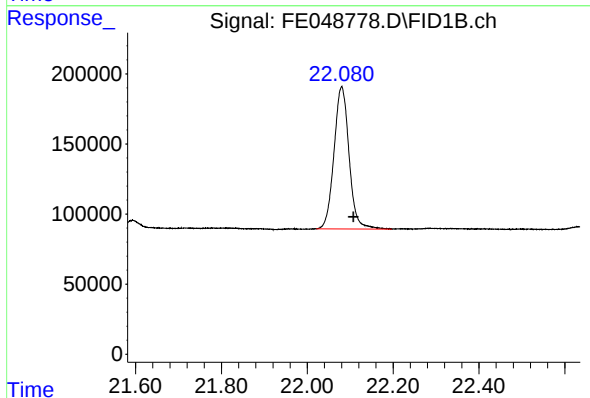
R.T.: 20.432 min
Delta R.T.: -0.019 min
Response: 2696513
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: -0.021 min
Response: 2586932
Conc: 18.97 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: -0.027 min
Response: 2471217
Conc: 18.05 ug/ml