

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092225AL\
 Data File : FE055936.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2025 21:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 23 04:37:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.071	3447872	20.987 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
12) S 1-chlorooctadecane (S...	13.508	2606193	20.842 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	3.408	2292192	18.063 ug/ml
2) T n-Decane (C10)	4.667	2362440	18.442 ug/ml
3) T A~Naphthalene (C11.7)	6.387	2776214	19.108 ug/ml
4) T n-Dodecane (C12)	6.843	2444367	18.772 ug/ml
5) T A~2-methylnaphthalene...	7.488	2742223	19.497 ug/ml
6) T n-Tetradecane (C14)	8.680	2548750	19.354 ug/ml
7) T n-Hexadecane (C16)	10.295	2790863	20.151 ug/ml
8) T n-Octadecane (C18)	11.745	3033023	20.794 ug/ml
10) T n-Eicosane (C20)	13.060	3048438	21.178 ug/ml
11) T n-Heneicosane (C21)	13.674	3010512	21.075 ug/ml
13) T n-Docosane (C22)	14.263	3009973	21.028 ug/ml
14) T n-Tetracosane (C24)	15.370	2990512	20.667 ug/ml
15) T n-Hexacosane (C26)	16.394	2788644	19.520 ug/ml
16) T n-Octacosane (C28)	17.346	2728065	19.180 ug/ml
17) T n-Tricontane (C30)	18.236	2882725	19.502 ug/ml
18) T n-Dotriacontane (C32)	19.071	2947453	20.081 ug/ml
19) T n-Tetratriacontane (C34)	19.856	2743257	19.416 ug/ml
20) T n-Hexatriacontane (C36)	20.597	2423328	18.365 ug/ml
21) T n-Octatriacontane (C38)	21.374	2238912	17.191 ug/ml
22) T n-Tetracontane (C40)	22.357	2054454	16.020 ug/ml

(f)=RT Delta > 1/2 Window

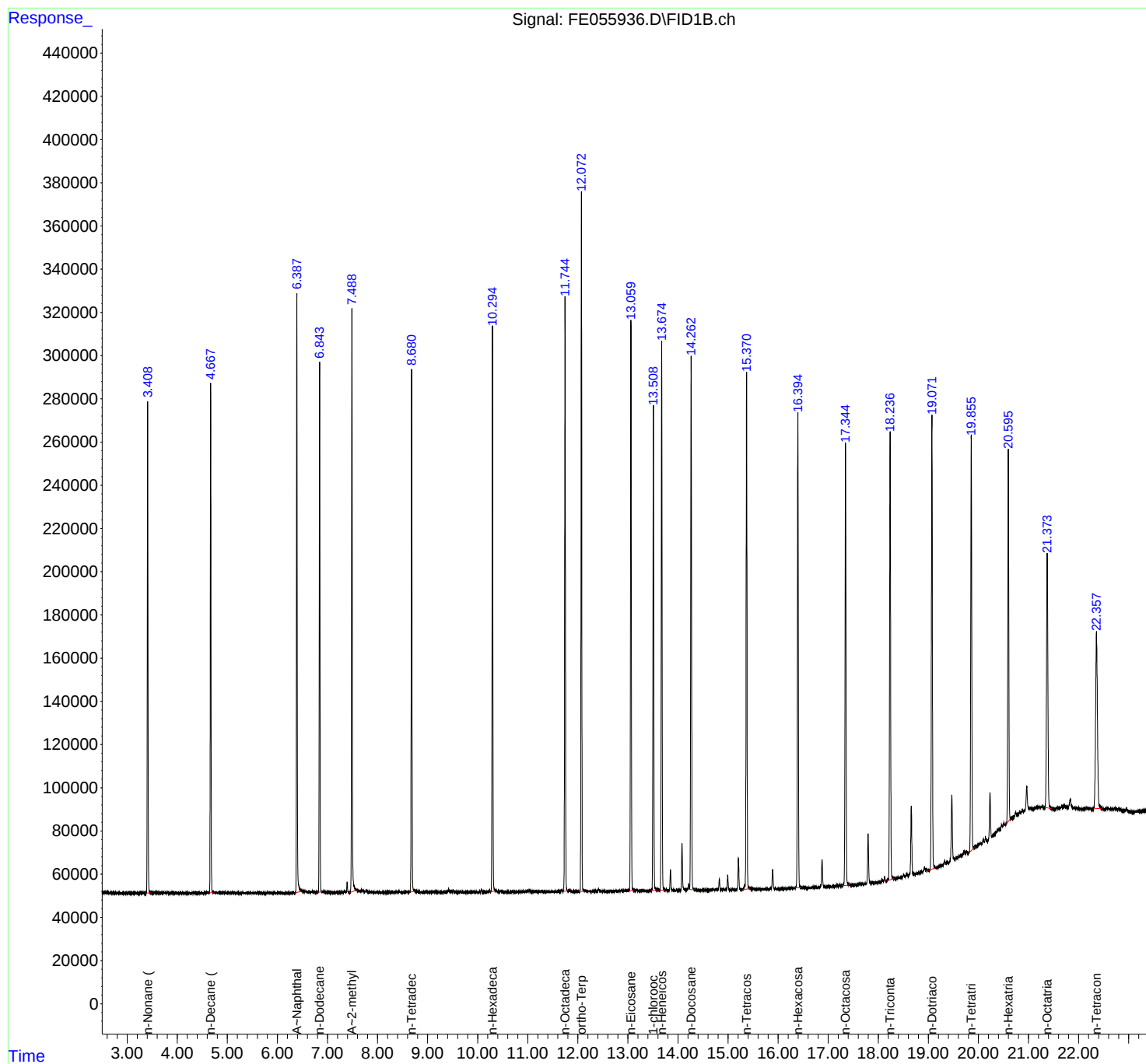
(m)=manual int.

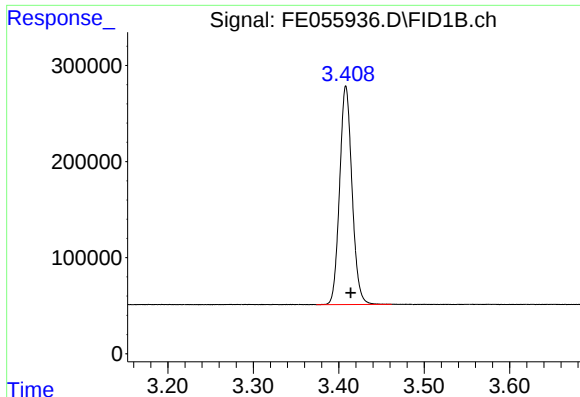
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092225AL\
Data File : FE055936.D
Signal(s) : FID1B.ch
Acq On : 22 Sep 2025 21:59
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Sep 23 04:37:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 08:12:09 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

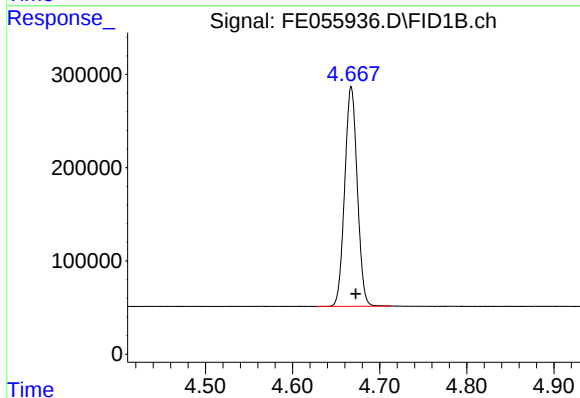




#1 n-Nonane (C9)

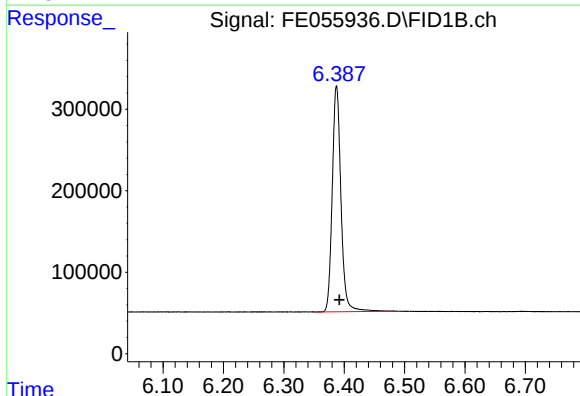
R.T.: 3.408 min
Delta R.T.: -0.006 min
Response: 2292192
Conc: 18.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



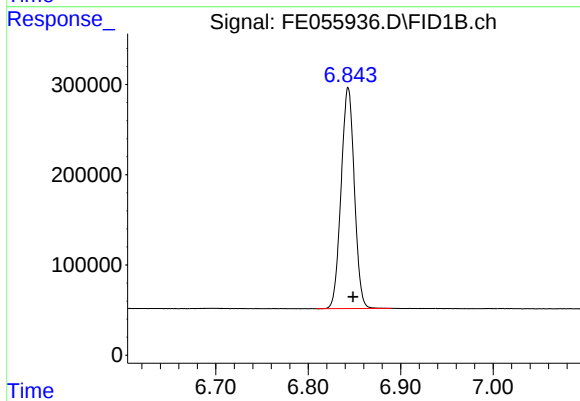
#2 n-Decane (C10)

R.T.: 4.667 min
Delta R.T.: -0.005 min
Response: 2362440
Conc: 18.44 ug/ml



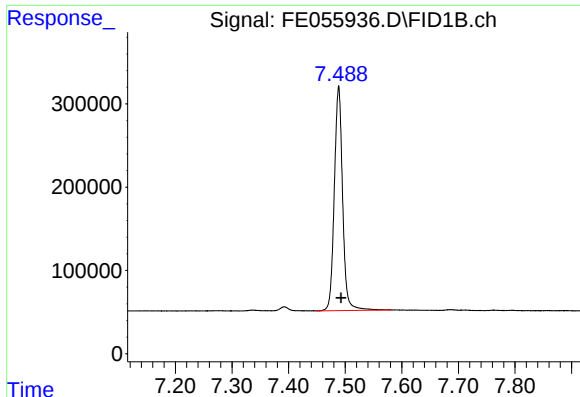
#3 A~Naphthalene (C11.7)

R.T.: 6.387 min
Delta R.T.: -0.005 min
Response: 2776214
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

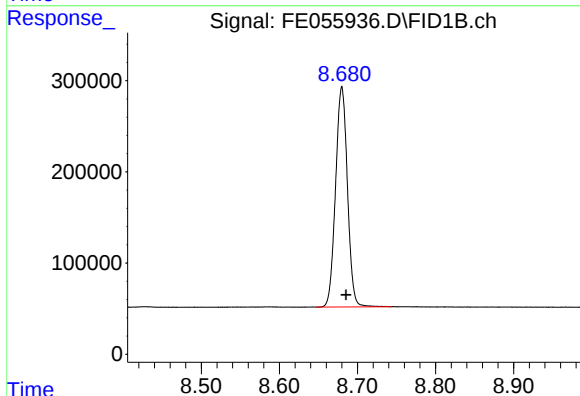
R.T.: 6.843 min
Delta R.T.: -0.005 min
Response: 2444367
Conc: 18.77 ug/ml



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

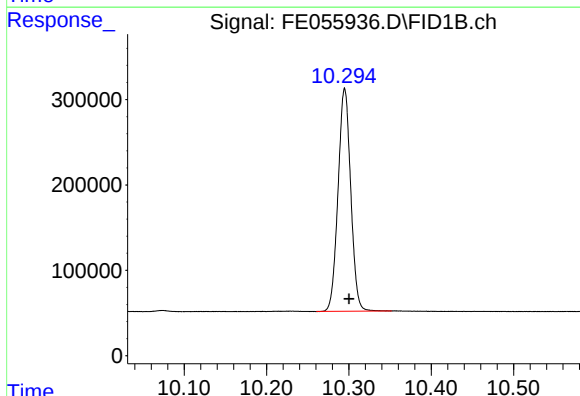
R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 2742223
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



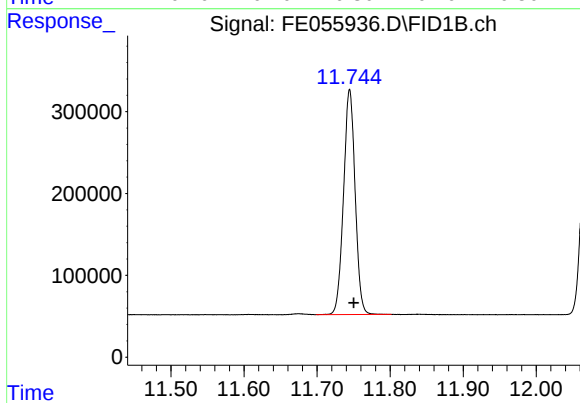
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: -0.005 min
Response: 2548750
Conc: 19.35 ug/ml



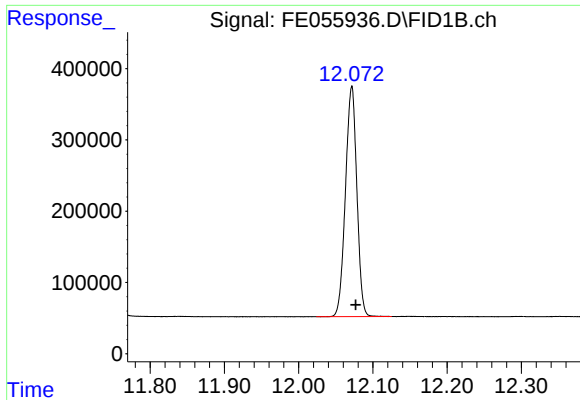
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: -0.005 min
Response: 2790863
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

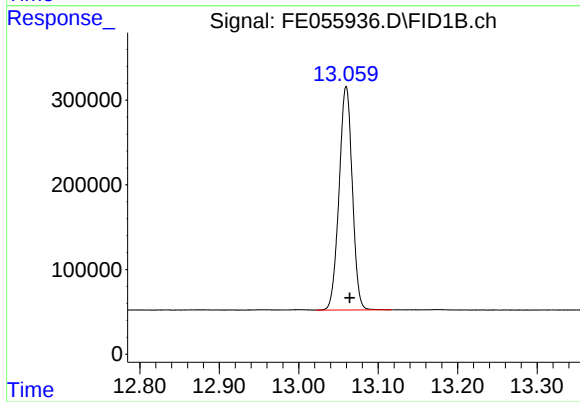
R.T.: 11.745 min
Delta R.T.: -0.006 min
Response: 3033023
Conc: 20.79 ug/ml



#9 ortho-Terphenyl (SURR)

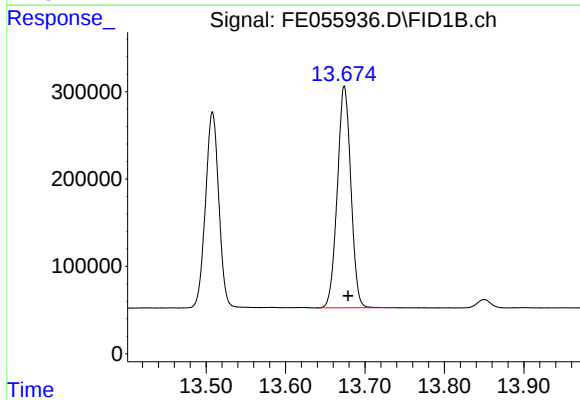
R.T.: 12.071 min
Delta R.T.: -0.005 min
Response: 3447872
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



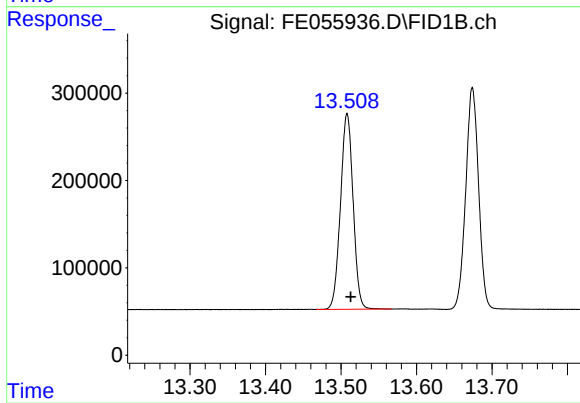
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: -0.005 min
Response: 3048438
Conc: 21.18 ug/ml



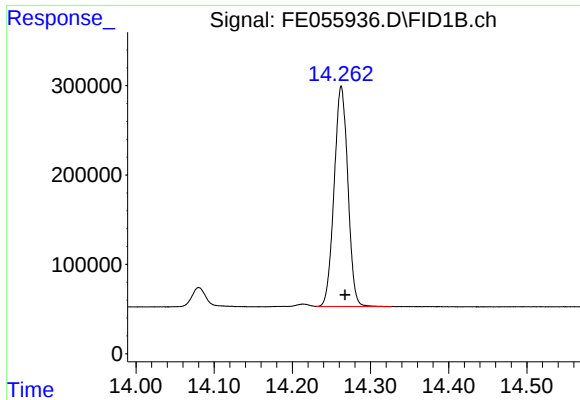
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: -0.005 min
Response: 3010512
Conc: 21.08 ug/ml



#12 1-chlorooctadecane (SURR)

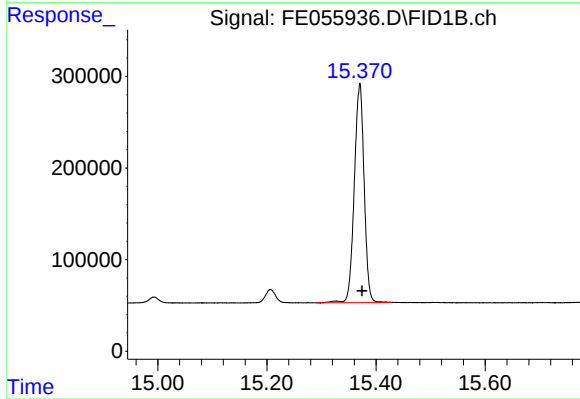
R.T.: 13.508 min
Delta R.T.: -0.005 min
Response: 2606193
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

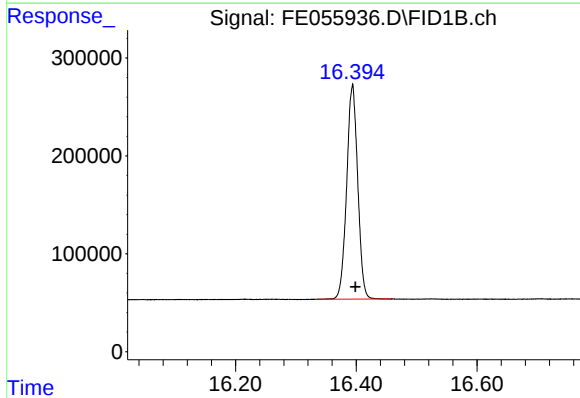
R.T.: 14.263 min
Delta R.T.: -0.005 min
Response: 3009973
Conc: 21.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



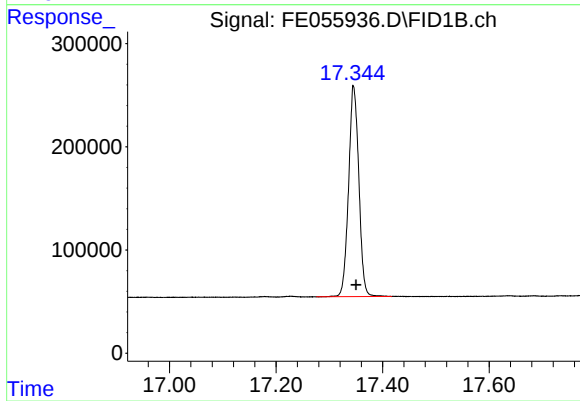
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: -0.005 min
Response: 2990512
Conc: 20.67 ug/ml



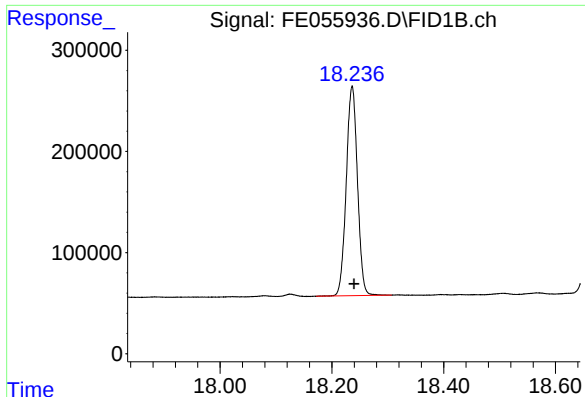
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: -0.005 min
Response: 2788644
Conc: 19.52 ug/ml



#16 n-Octacosane (C28)

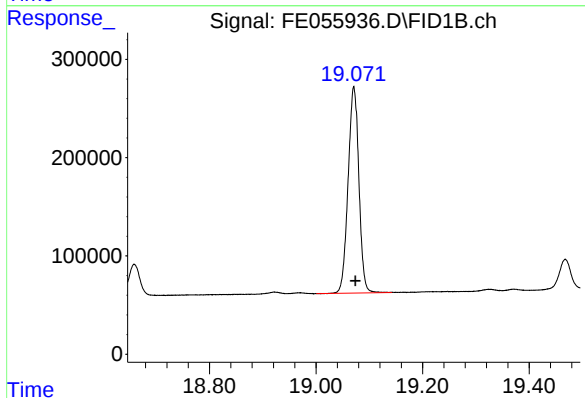
R.T.: 17.346 min
Delta R.T.: -0.004 min
Response: 2728065
Conc: 19.18 ug/ml



#17 n-Tricontane (C30)

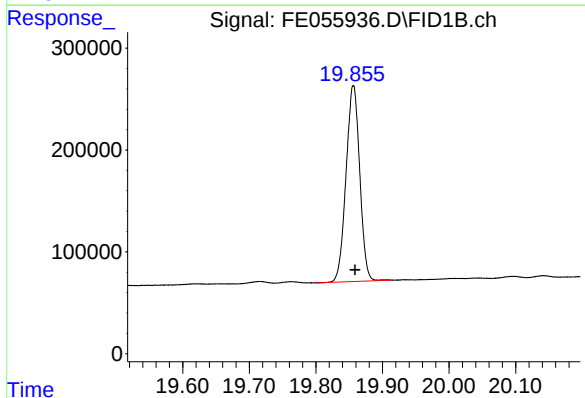
R.T.: 18.236 min
Delta R.T.: -0.003 min
Response: 2882725
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



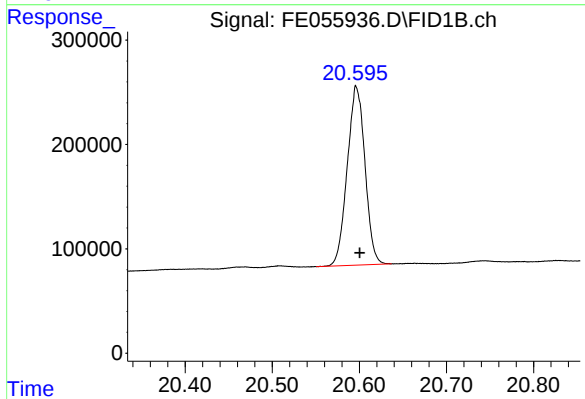
#18 n-Dotriacontane (C32)

R.T.: 19.071 min
Delta R.T.: -0.003 min
Response: 2947453
Conc: 20.08 ug/ml



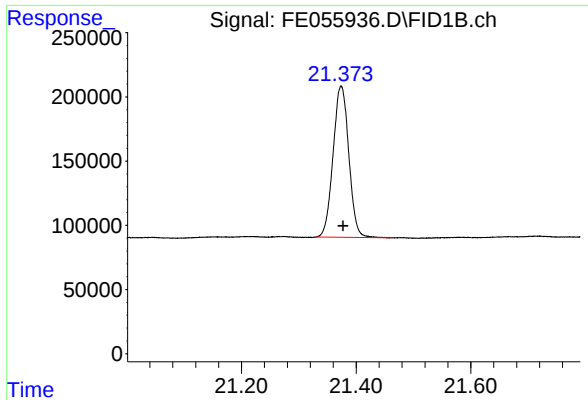
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: -0.003 min
Response: 2743257
Conc: 19.42 ug/ml



#20 n-Hexatriacontane (C36)

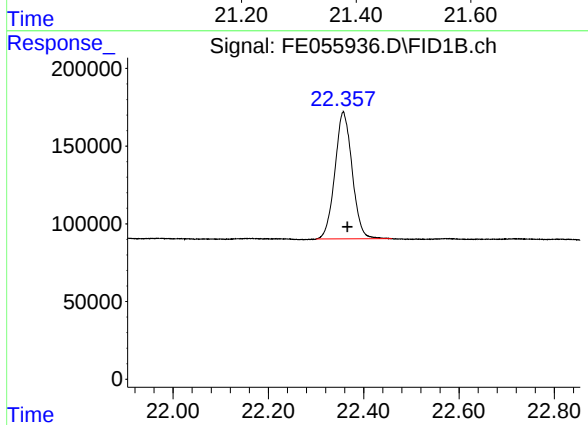
R.T.: 20.597 min
Delta R.T.: -0.004 min
Response: 2423328
Conc: 18.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: -0.003 min
Response: 2238912
Conc: 17.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.357 min
Delta R.T.: -0.009 min
Response: 2054454
Conc: 16.02 ug/ml