

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055248.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 10:20
 Operator : YP\AJ
 Sample : PB169208BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169208BS

Integration File: autoint1.e
 Quant Time: Aug 13 04:00:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.093	6382329	44.693 ug/ml
Spiked Amount 50.000		Recovery =	89.39%
12) S 1-chlorooctadecane (S...	13.529	5030105	46.781 ug/ml
Spiked Amount 50.000		Recovery =	93.56%
Target Compounds			
1) T n-Nonane (C9)	3.437	4566494	39.788 ug/ml
2) T n-Decane (C10)	4.690	4815941	41.340 ug/ml
3) T A~Naphthalene (C11.7)	6.407	5866036	43.701 ug/ml
4) T n-Dodecane (C12)	6.861	5097895	42.810 ug/ml
5) T A~2-methylnaphthalene...	7.508	5403300	41.442 ug/ml
6) T n-Tetradecane (C14)	8.699	5230236	42.657 ug/ml
7) T n-Hexadecane (C16)	10.314	5276175	41.270 ug/ml
8) T n-Octadecane (C18)	11.765	5218906	39.999 ug/ml
10) T n-Eicosane (C20)	13.080	5277285	42.059 ug/ml
11) T n-Heneicosane (C21)	13.695	5081413	41.223 ug/ml
13) T n-Docosane (C22)	14.283	5037469	41.250 ug/ml
14) T n-Tetracosane (C24)	15.393	10430922	85.757 ug/ml
15) T n-Hexacosane (C26)	16.415	4935489	41.251 ug/ml
16) T n-Octacosane (C28)	17.367	4926057	41.527 ug/ml
17) T n-Tricontane (C30)	18.258	5024366	40.832 ug/ml
18) T n-Dotriacontane (C32)	19.092	4997596	40.960 ug/ml
19) T n-Tetratriacontane (C34)	19.877	4855680	41.530 ug/ml
20) T n-Hexatriacontane (C36)	20.618	4077218	37.303 ug/ml
21) T n-Octatriacontane (C38)	21.402	3408919	31.543 ug/ml
22) T n-Tetracontane (C40)	22.396	2973780	28.437 ug/ml

(f)=RT Delta > 1/2 Window

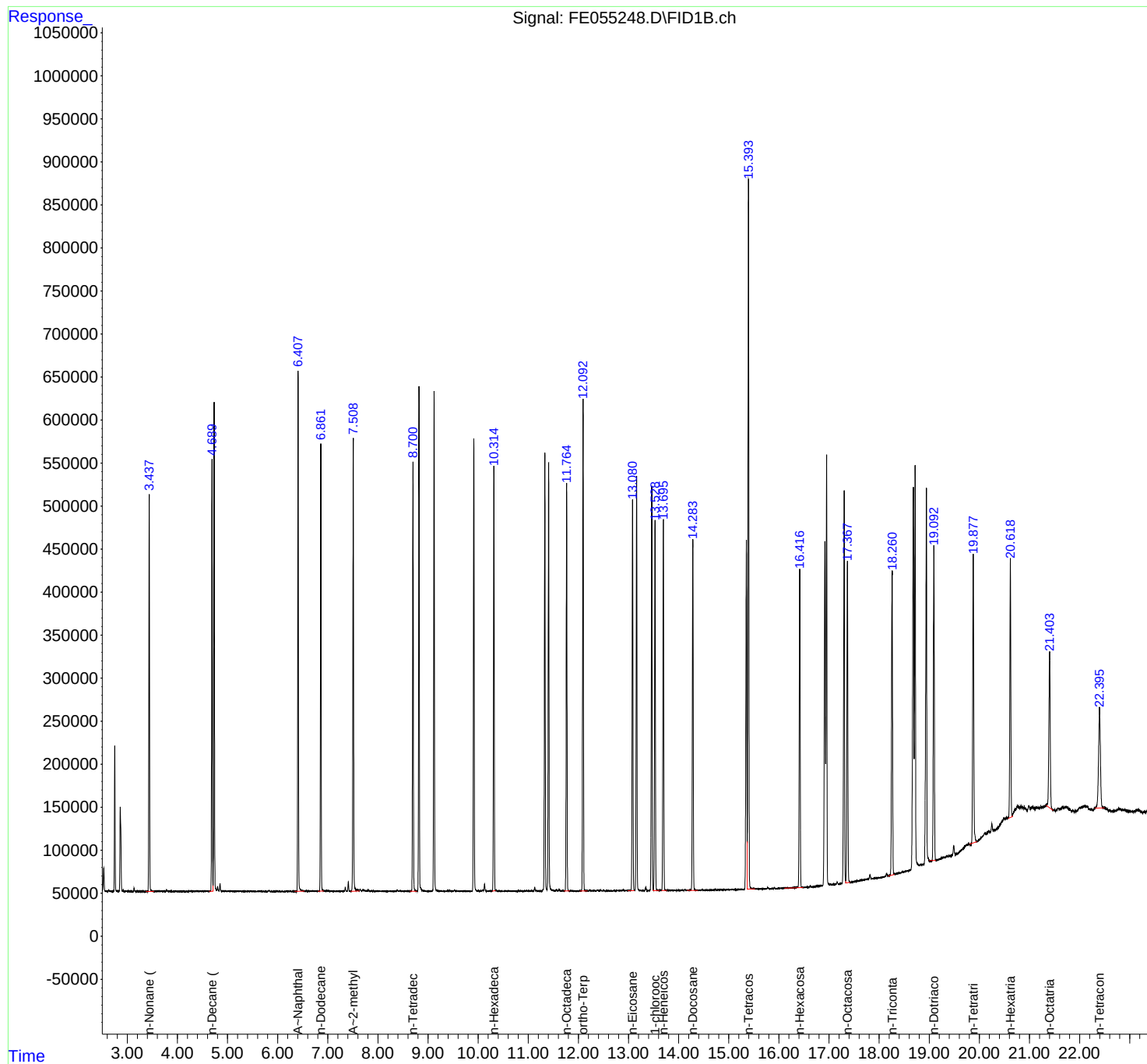
(m)=manual int.

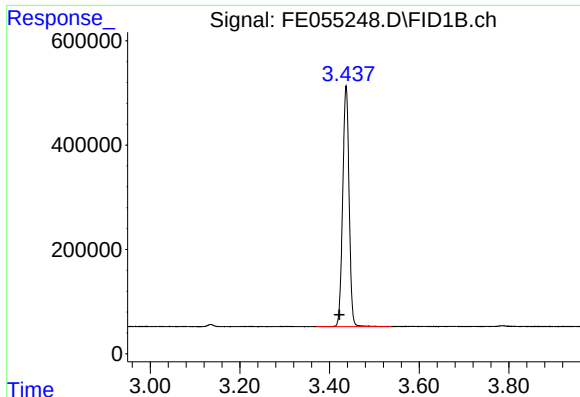
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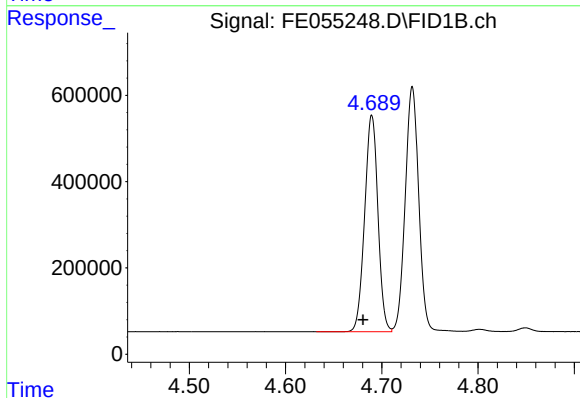




#1 n-Nonane (C9)

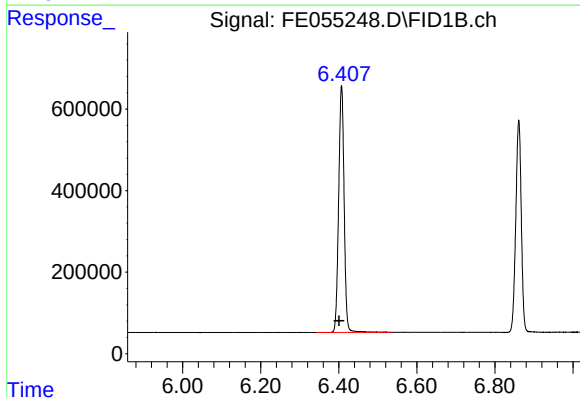
R.T.: 3.437 min
Delta R.T.: 0.015 min
Response: 4566494
Conc: 39.79 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BS



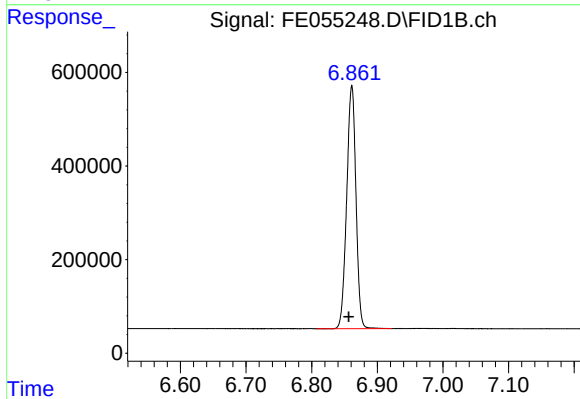
#2 n-Decane (C10)

R.T.: 4.690 min
Delta R.T.: 0.009 min
Response: 4815941
Conc: 41.34 ug/ml



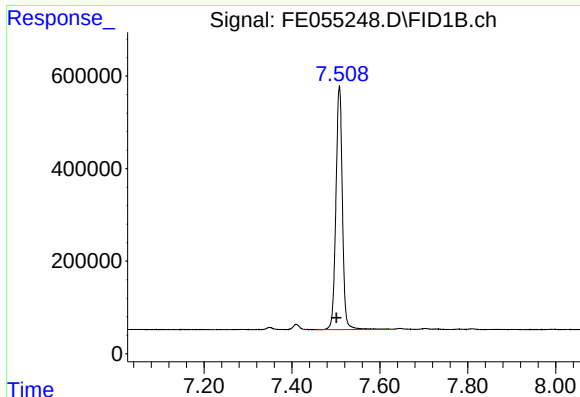
#3 A~Naphthalene (C11.7)

R.T.: 6.407 min
Delta R.T.: 0.006 min
Response: 5866036
Conc: 43.70 ug/ml



#4 n-Dodecane (C12)

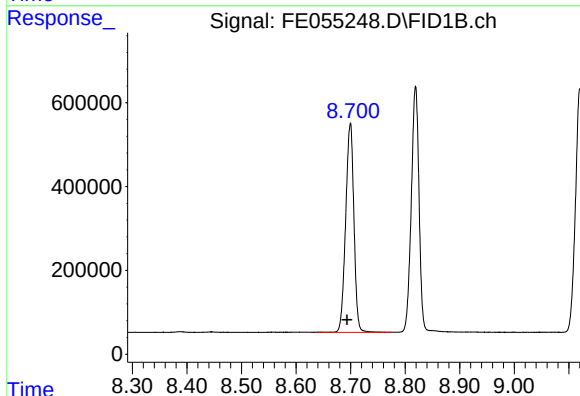
R.T.: 6.861 min
Delta R.T.: 0.005 min
Response: 5097895
Conc: 42.81 ug/ml



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

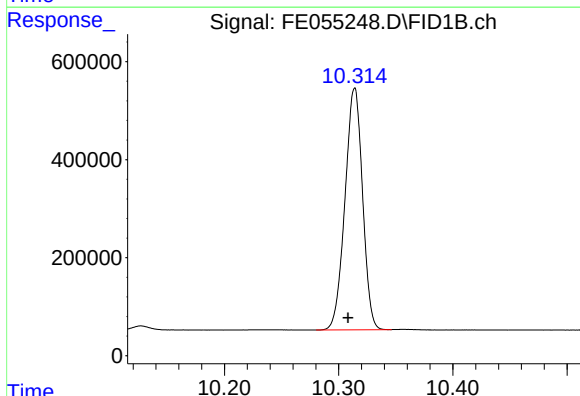
R.T.: 7.508 min
Delta R.T.: 0.007 min
Response: 5403300
Conc: 41.44 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BS



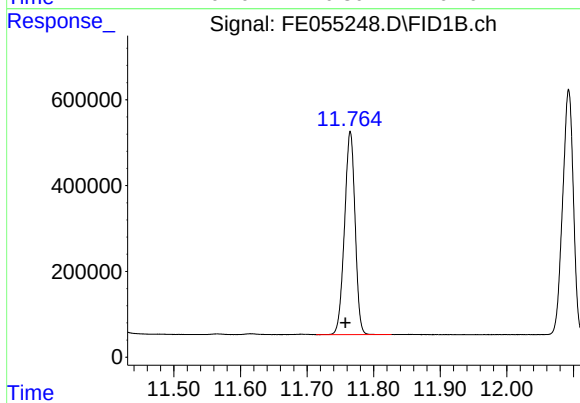
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.006 min
Response: 5230236
Conc: 42.66 ug/ml



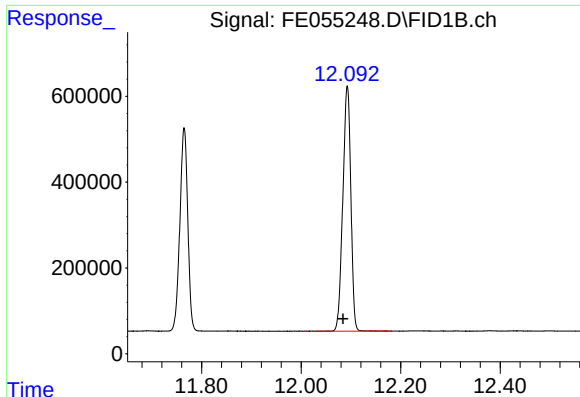
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.006 min
Response: 5276175
Conc: 41.27 ug/ml



#8 n-Octadecane (C18)

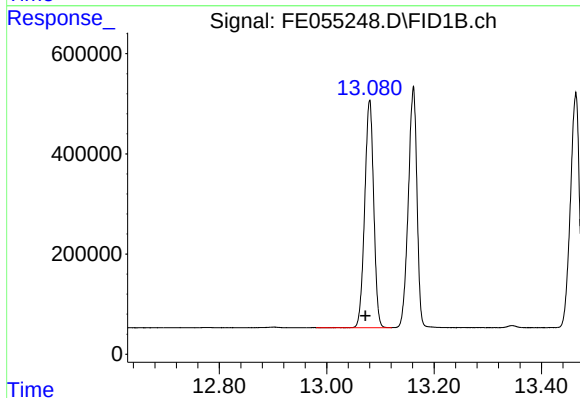
R.T.: 11.765 min
Delta R.T.: 0.007 min
Response: 5218906
Conc: 40.00 ug/ml



#9 ortho-Terphenyl (SURR)

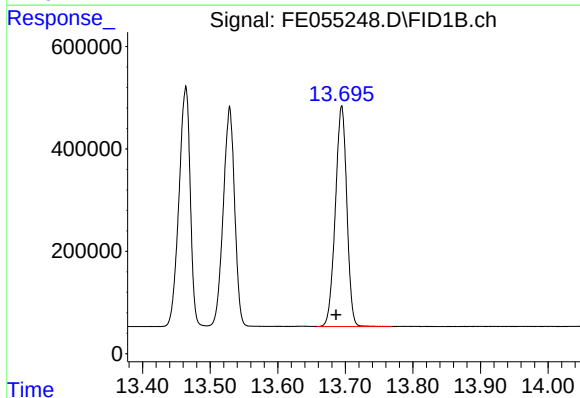
R.T.: 12.093 min
Delta R.T.: 0.009 min
Response: 6382329
Conc: 44.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BS



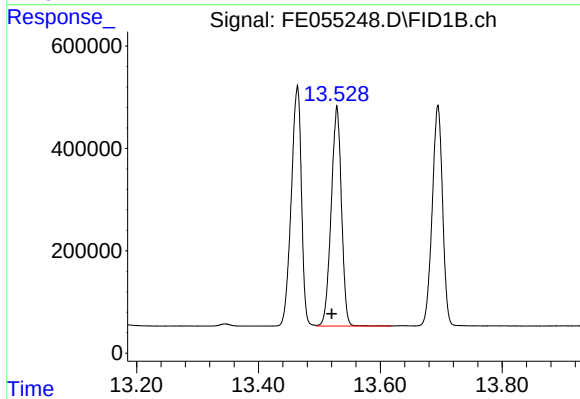
#10 n-Eicosane (C20)

R.T.: 13.080 min
Delta R.T.: 0.007 min
Response: 5277285
Conc: 42.06 ug/ml



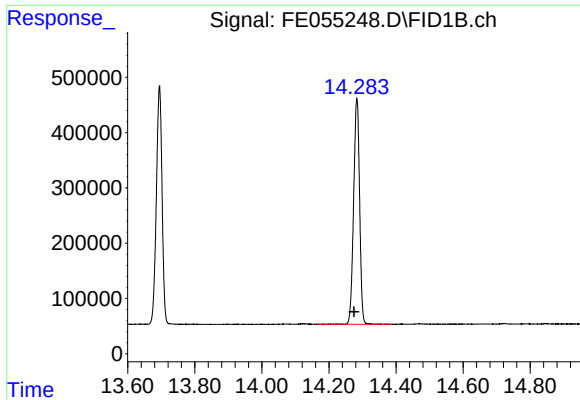
#11 n-Heneicosane (C21)

R.T.: 13.695 min
Delta R.T.: 0.008 min
Response: 5081413
Conc: 41.22 ug/ml



#12 1-chlorooctadecane (SURR)

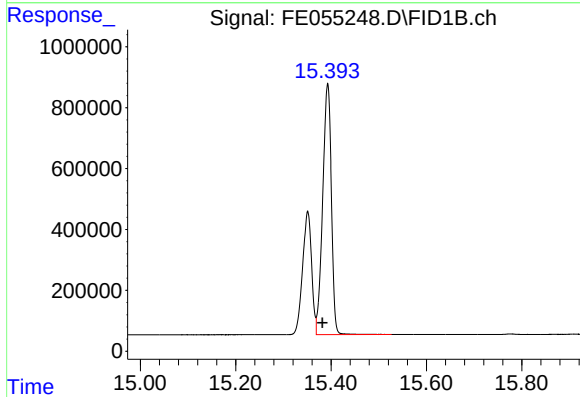
R.T.: 13.529 min
Delta R.T.: 0.008 min
Response: 5030105
Conc: 46.78 ug/ml



#13 n-Docosane (C22)

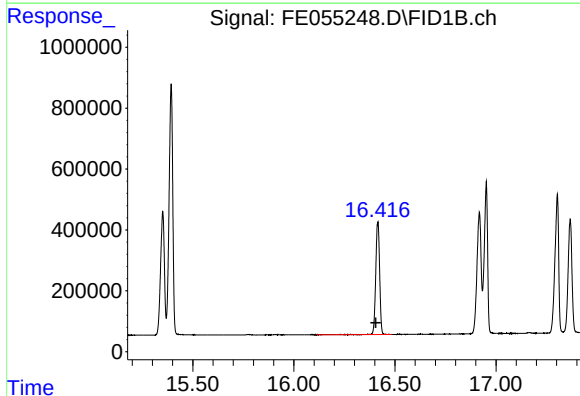
R.T.: 14.283 min
Delta R.T.: 0.008 min
Response: 5037469
Conc: 41.25 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BS



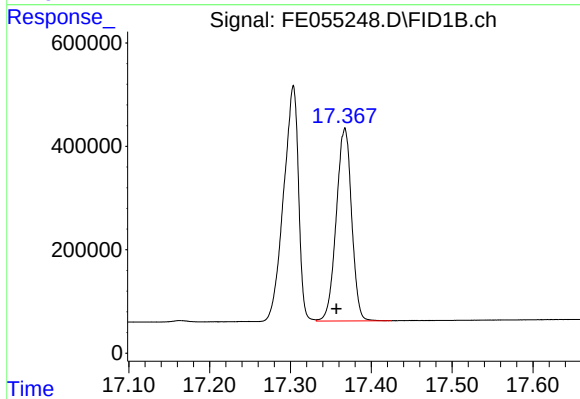
#14 n-Tetracosane (C24)

R.T.: 15.393 min
Delta R.T.: 0.011 min
Response: 10430922
Conc: 85.76 ug/ml



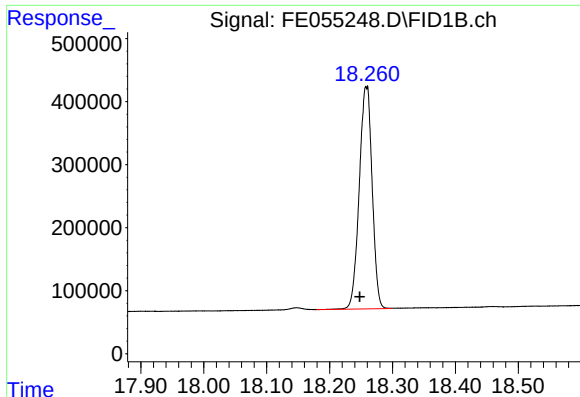
#15 n-Hexacosane (C26)

R.T.: 16.415 min
Delta R.T.: 0.010 min
Response: 4935489
Conc: 41.25 ug/ml



#16 n-Octacosane (C28)

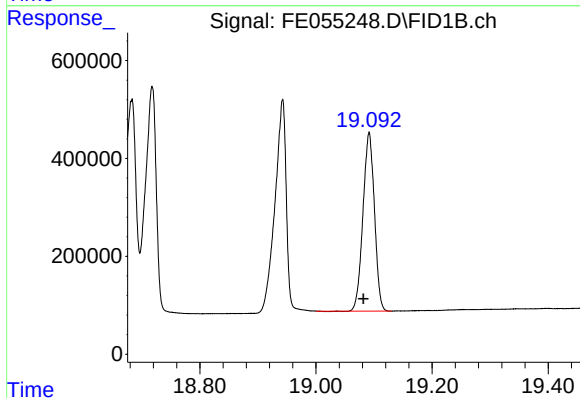
R.T.: 17.367 min
Delta R.T.: 0.010 min
Response: 4926057
Conc: 41.53 ug/ml



#17 n-Tricontane (C30)

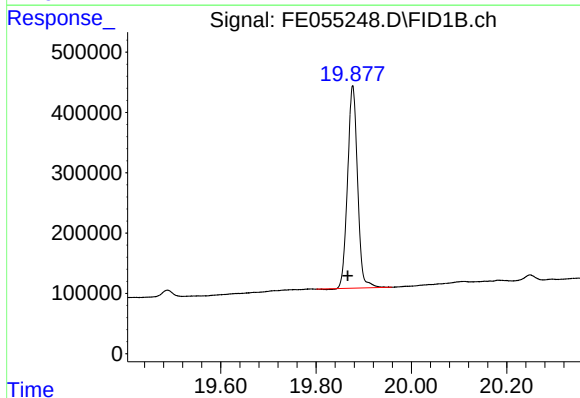
R.T.: 18.258 min
Delta R.T.: 0.010 min
Response: 5024366
Conc: 40.83 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BS



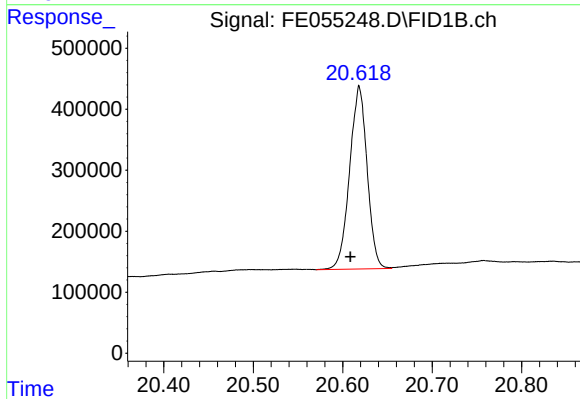
#18 n-Dotriacontane (C32)

R.T.: 19.092 min
Delta R.T.: 0.010 min
Response: 4997596
Conc: 40.96 ug/ml



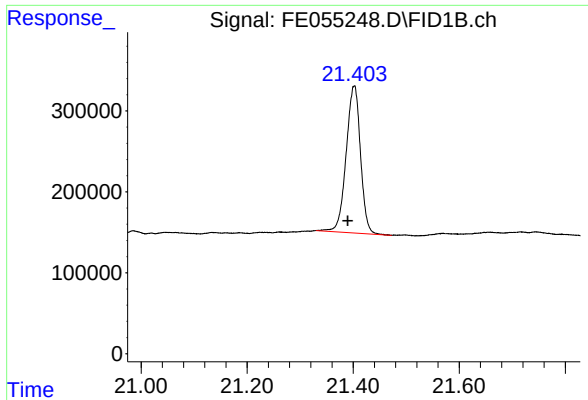
#19 n-Tetratriacontane (C34)

R.T.: 19.877 min
Delta R.T.: 0.010 min
Response: 4855680
Conc: 41.53 ug/ml



#20 n-Hexatriacontane (C36)

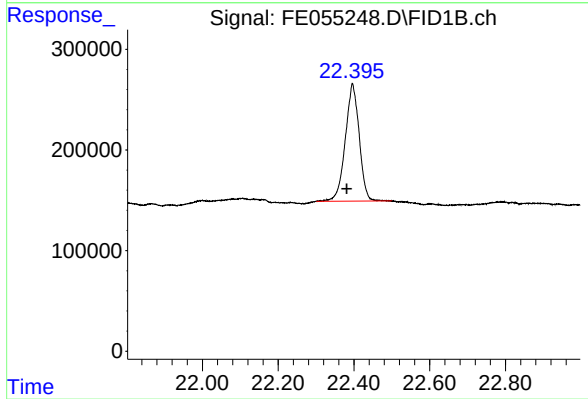
R.T.: 20.618 min
Delta R.T.: 0.010 min
Response: 4077218
Conc: 37.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.402 min
Delta R.T.: 0.012 min
Response: 3408919
Conc: 31.54 ug/ml

Instrument :
FID_E
ClientSampleId :
PB169208BS



#22 n-Tetracontane (C40)

R.T.: 22.396 min
Delta R.T.: 0.015 min
Response: 2973780
Conc: 28.44 ug/ml