

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053974.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 14:39
 Operator : YP\AJ
 Sample : PB168127BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168127BSD

Integration File: autoint1.e
 Quant Time: May 23 01:29:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.846	6643925	40.883 ug/ml
Spiked Amount 50.000		Recovery =	81.77%
12) S 1-chlorooctadecane (S...	13.290	5324476	44.914 ug/ml
Spiked Amount 50.000		Recovery =	89.83%
Target Compounds			
1) T n-Nonane (C9)	3.202	4818092	35.649 ug/ml
2) T n-Decane (C10)	4.460	5027721	37.206 ug/ml
3) T A~Naphthalene (C11.7)	6.168	6081415	42.316 ug/ml
4) T n-Dodecane (C12)	6.637	5393262	39.538 ug/ml
5) T A~2-methylnaphthalene...	7.270	5606460	40.419 ug/ml
6) T n-Tetradecane (C14)	8.472	5479557	40.605 ug/ml
7) T n-Hexadecane (C16)	10.084	5557182	41.184 ug/ml
8) T n-Octadecane (C18)	11.531	5526062	41.037 ug/ml
10) T n-Eicosane (C20)	12.845	5662512	43.084 ug/ml
11) T n-Heneicosane (C21)	13.458	5408875	41.721 ug/ml
13) T n-Docosane (C22)	14.045	5348944	41.928 ug/ml
14) T n-Tetracosane (C24)	15.144	6183219	49.420 ug/ml
15) T n-Hexacosane (C26)	16.175	5152049	42.074 ug/ml
17) T n-Tricontane (C30)	18.016	5052072	40.558 ug/ml
18) T n-Dotriacontane (C32)	18.849	4932057	39.439 ug/ml
19) T n-Tetratriacontane (C34)	19.634	4993714	41.921 ug/ml
20) T n-Hexatriacontane (C36)	20.376	5112258	44.152 ug/ml
21) T n-Octatriacontane (C38)	21.107	5203261	47.813 ug/ml
22) T n-Tetracontane (C40)	22.003	4992589	50.313 ug/ml

(f)=RT Delta > 1/2 Window

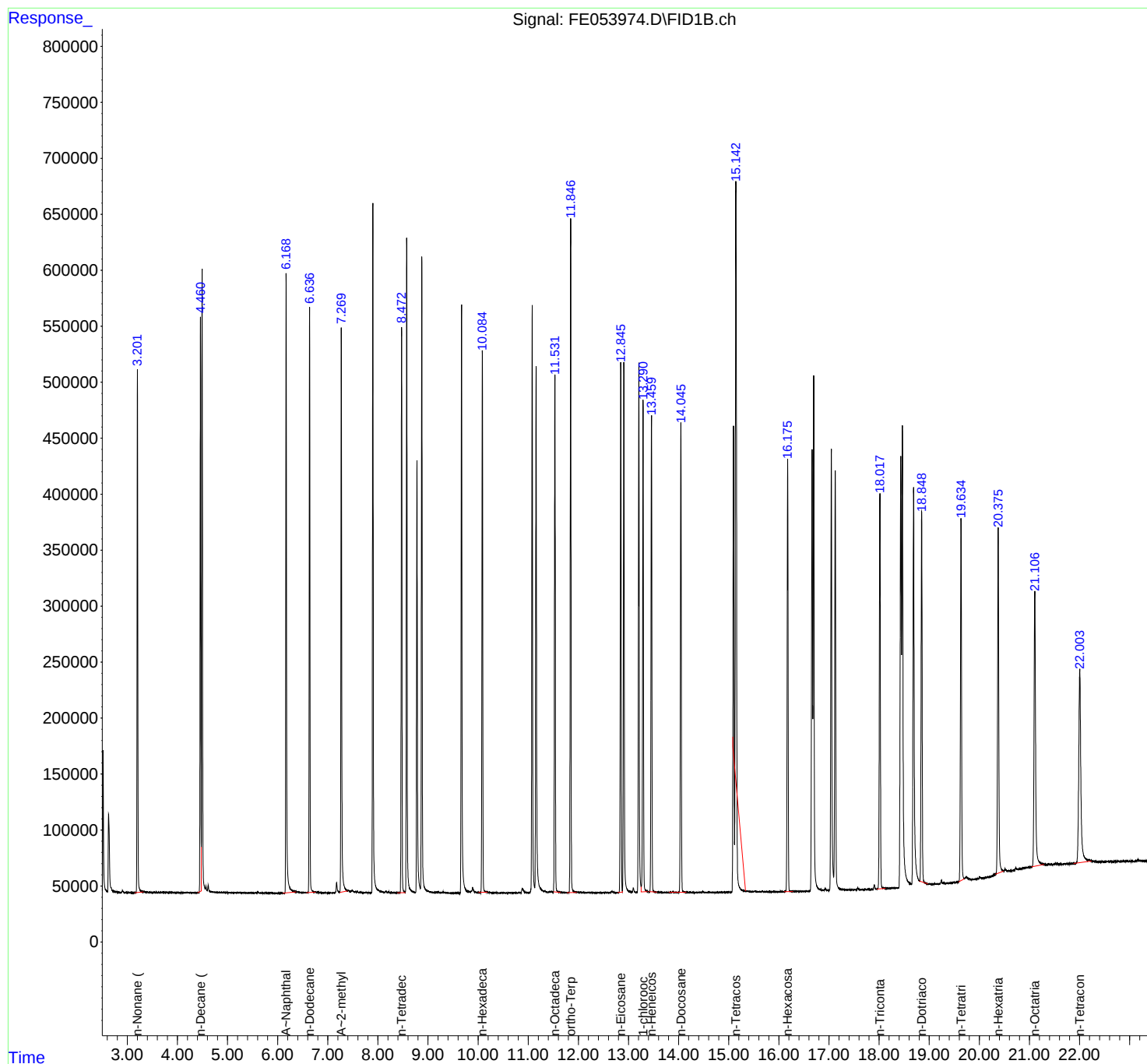
(m)=manual int.

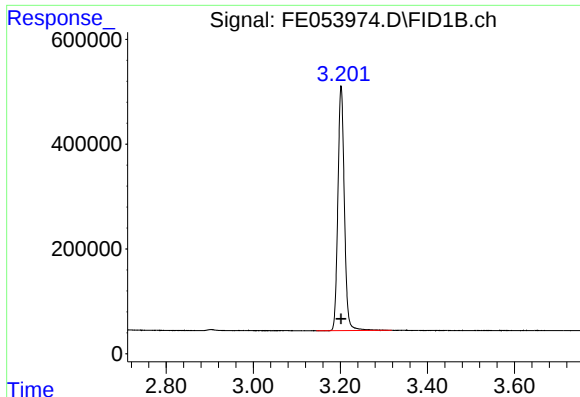
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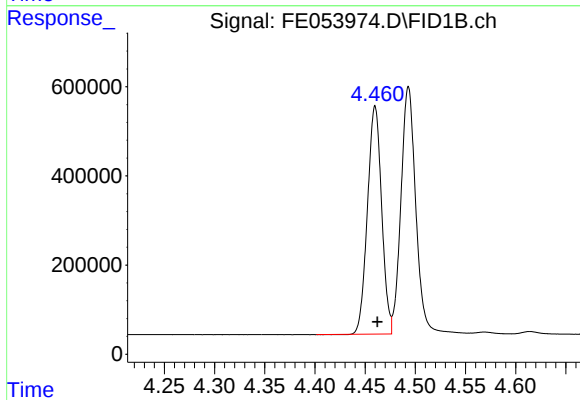




#1 n-Nonane (C9)

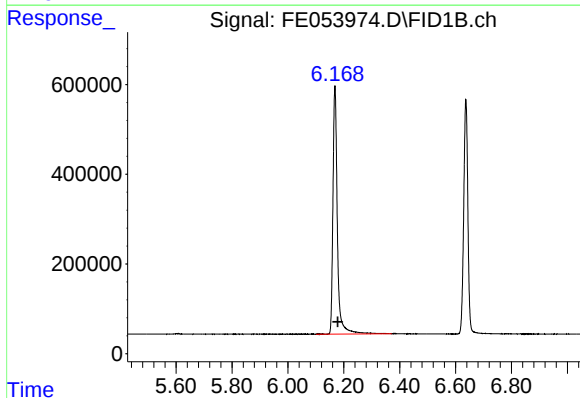
R.T.: 3.202 min
Delta R.T.: 0.000 min
Response: 4818092
Conc: 35.65 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168127BSD



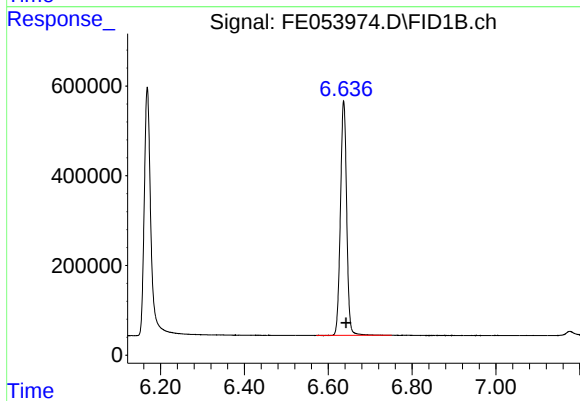
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 5027721
Conc: 37.21 ug/ml



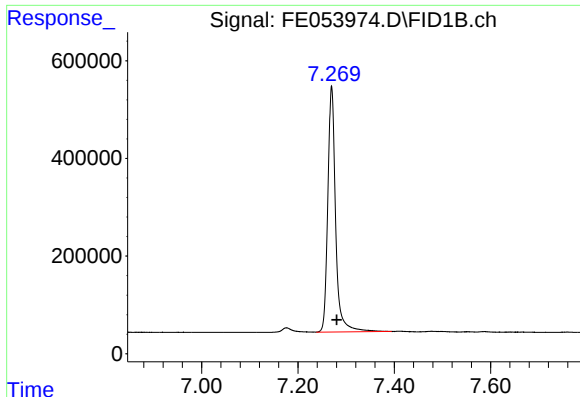
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.010 min
Response: 6081415
Conc: 42.32 ug/ml



#4 n-Dodecane (C12)

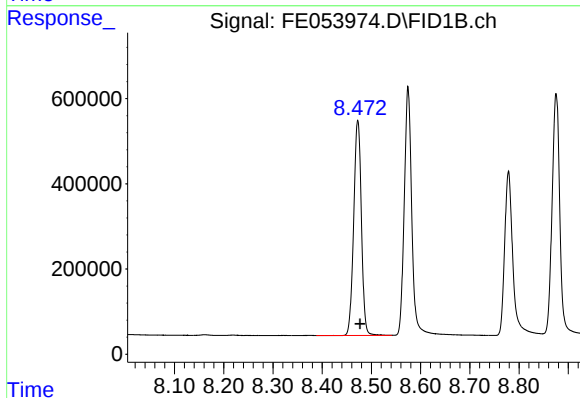
R.T.: 6.637 min
Delta R.T.: -0.005 min
Response: 5393262
Conc: 39.54 ug/ml



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

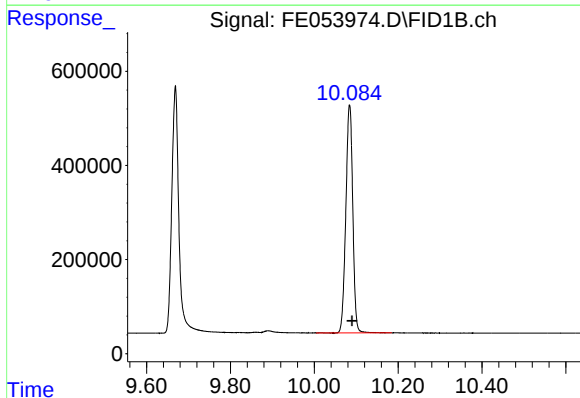
R.T.: 7.270 min
Delta R.T.: -0.010 min
Response: 5606460
Conc: 40.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168127BSD



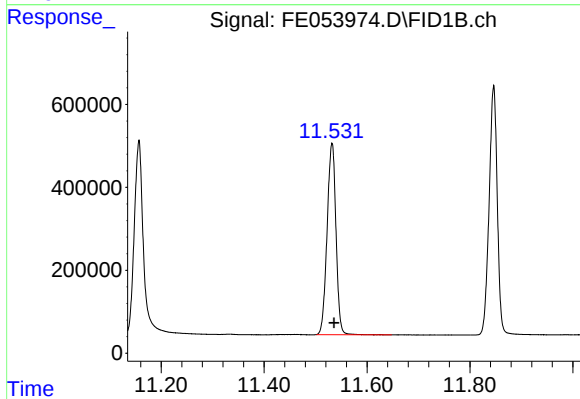
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.005 min
Response: 5479557
Conc: 40.60 ug/ml



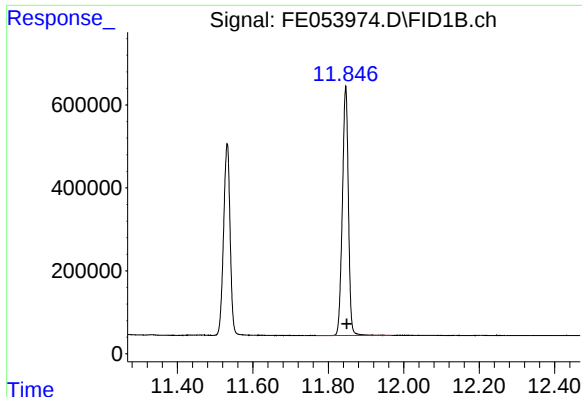
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.006 min
Response: 5557182
Conc: 41.18 ug/ml



#8 n-Octadecane (C18)

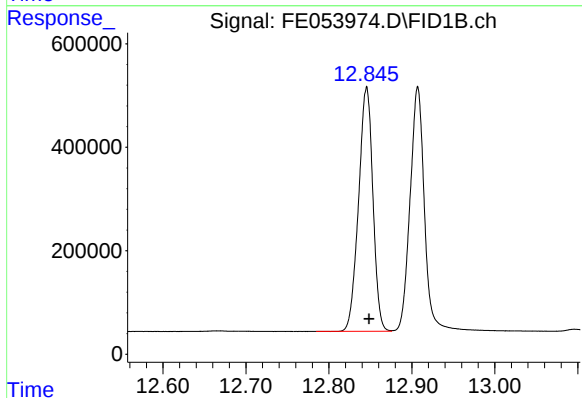
R.T.: 11.531 min
Delta R.T.: -0.004 min
Response: 5526062
Conc: 41.04 ug/ml



#9 ortho-Terphenyl (SURR)

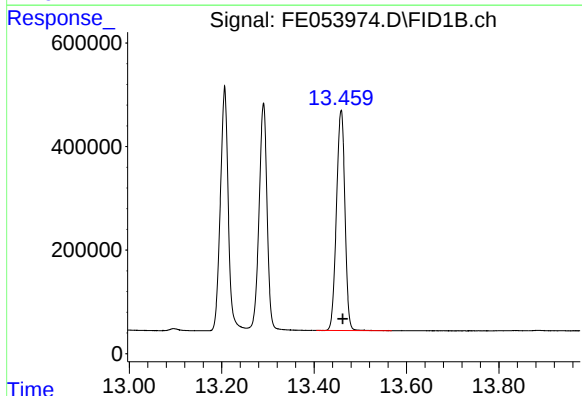
R.T.: 11.846 min
Delta R.T.: -0.003 min
Response: 6643925
Conc: 40.88 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168127BSD



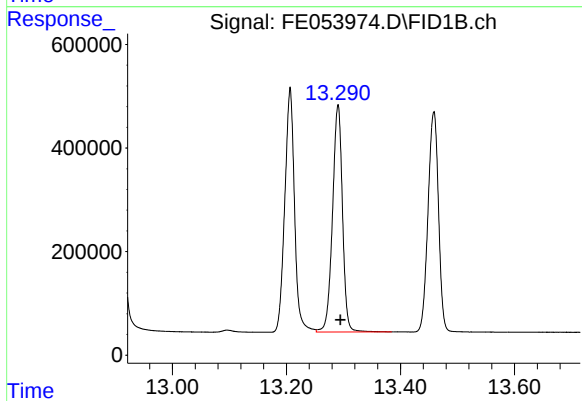
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.004 min
Response: 5662512
Conc: 43.08 ug/ml



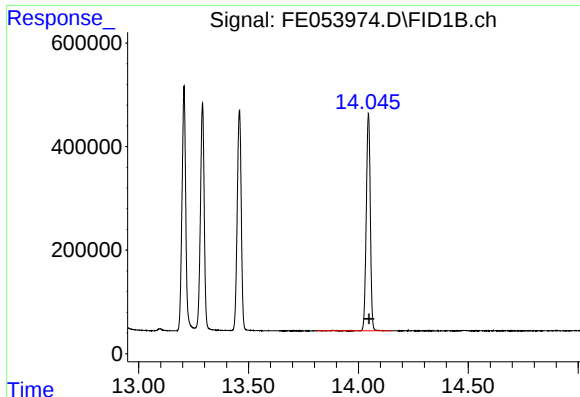
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.004 min
Response: 5408875
Conc: 41.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: -0.004 min
Response: 5324476
Conc: 44.91 ug/ml



#13 n-Docosane (C22)

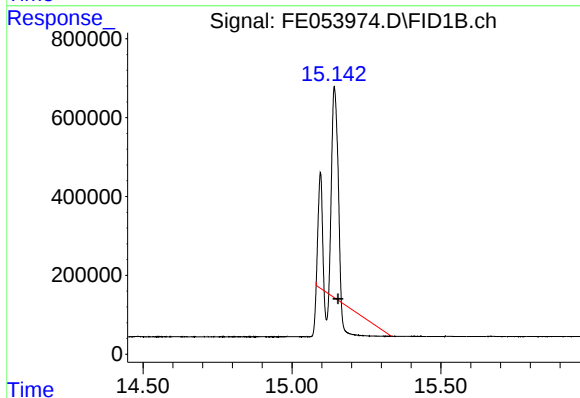
R.T.: 14.045 min
Delta R.T.: -0.004 min
Response: 5348944
Conc: 41.93 ug/ml

Instrument :

FID_E

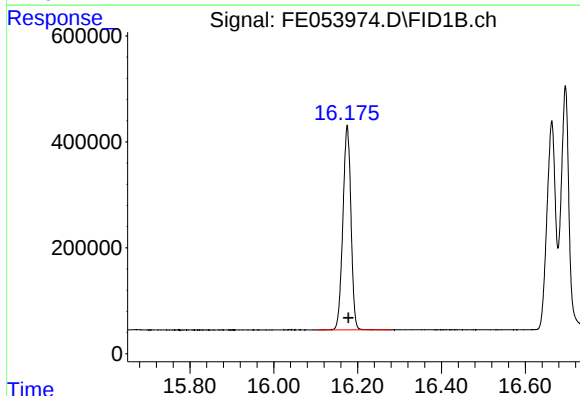
ClientSampleId :

PB168127BSD



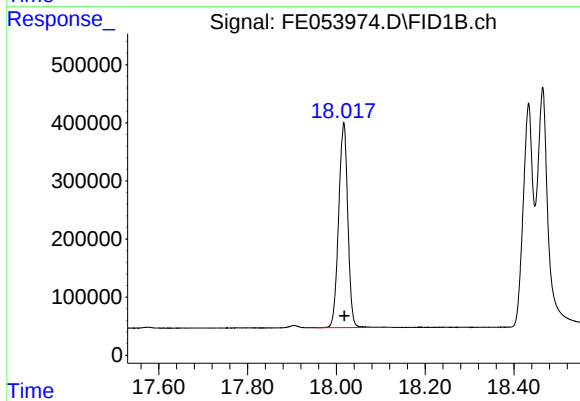
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.011 min
Response: 6183219
Conc: 49.42 ug/ml



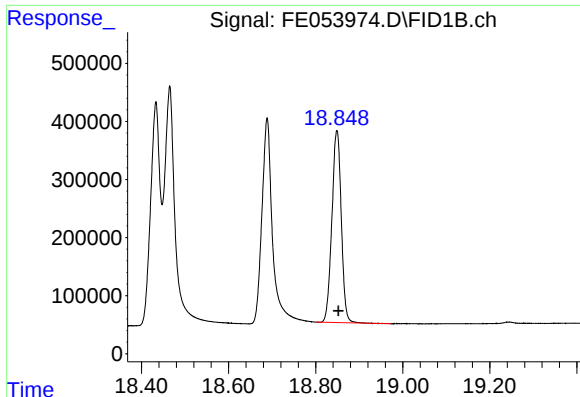
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.003 min
Response: 5152049
Conc: 42.07 ug/ml



#17 n-Tricontane (C30)

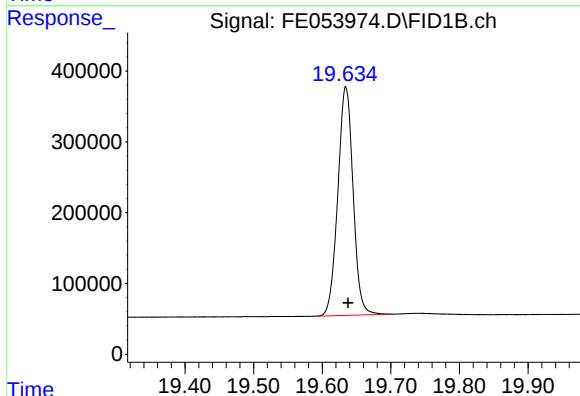
R.T.: 18.016 min
Delta R.T.: -0.002 min
Response: 5052072
Conc: 40.56 ug/ml



#18 n-Dotriacontane (C32)

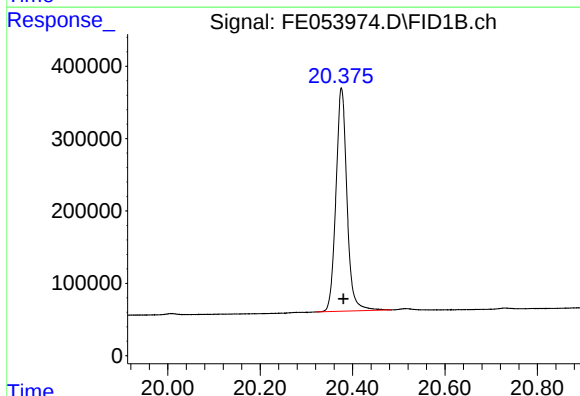
R.T.: 18.849 min
Delta R.T.: -0.004 min
Response: 4932057
Conc: 39.44 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168127BSD



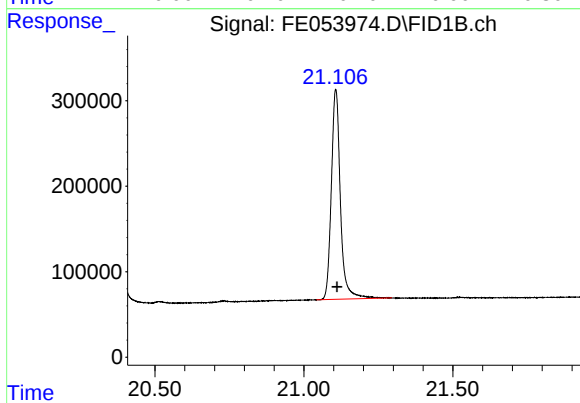
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.003 min
Response: 4993714
Conc: 41.92 ug/ml



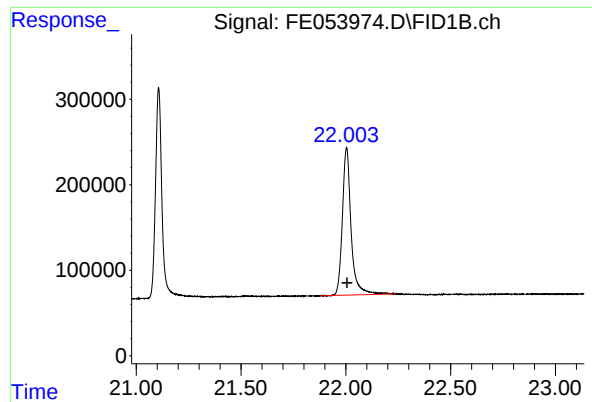
#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.004 min
Response: 5112258
Conc: 44.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.004 min
Response: 5203261
Conc: 47.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: -0.003 min
Response: 4992589
Conc: 50.31 ug/ml

Instrument :

FID_E

ClientSampleId :

PB168127BSD