

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053978.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 16:40
 Operator : YP\AJ
 Sample : Q2101-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1-MHEMS

Integration File: sample.E
 Quant Time: May 23 01:30:26 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)	11.845	7173889	44.144 ug/ml
Spiked Amount 50.000		Recovery =	88.29%
12) S 1-chlorooctadecane (S...	13.290	5842587	49.284 ug/ml
Spiked Amount 50.000		Recovery =	98.57%
Target Compounds			
1) T n-Nonane (C9)	3.190	2785317	20.609 ug/ml
2) T n-Decane (C10)	4.453	3213549	23.781 ug/mlm
3) T A~Naphthalene (C11.7)	6.167	4047649	28.164 ug/ml
4) T n-Dodecane (C12)	6.635	3707255	27.178 ug/ml
5) T A~2-methylnaphthalene...	7.269	3971036	28.629 ug/ml
6) T n-Tetradecane (C14)	8.471	4103654	30.409 ug/ml
7) T n-Hexadecane (C16)	10.082	4507582	33.406 ug/ml
8) T n-Octadecane (C18)	11.530	4621024	34.316 ug/ml
10) T n-Eicosane (C20)	12.844	4798139	36.508 ug/ml
11) T n-Heneicosane (C21)	13.457	4584329	35.361 ug/ml
13) T n-Docosane (C22)	14.044	4532238	35.526 ug/mlm
14) T n-Tetracosane (C24)	15.140	9317802	74.473 ug/mlm
15) T n-Hexacosane (C26)	16.174	4373759	35.718 ug/ml
16) T n-Octacosane (C28)	17.124	4482576	36.874 ug/mlm
17) T n-Tricontane (C30)	18.015	4298444	34.508 ug/ml
18) T n-Dotriacontane (C32)	18.848	4219604	33.742 ug/ml
19) T n-Tetratriacontane (C34)	19.632	4195586	35.221 ug/ml
20) T n-Hexatriacontane (C36)	20.375	4258817	36.781 ug/ml
21) T n-Octatriacontane (C38)	21.105	4368228	40.140 ug/ml
22) T n-Tetracontane (C40)	22.002	4265671	42.987 ug/mlm

(f)=RT Delta > 1/2 Window

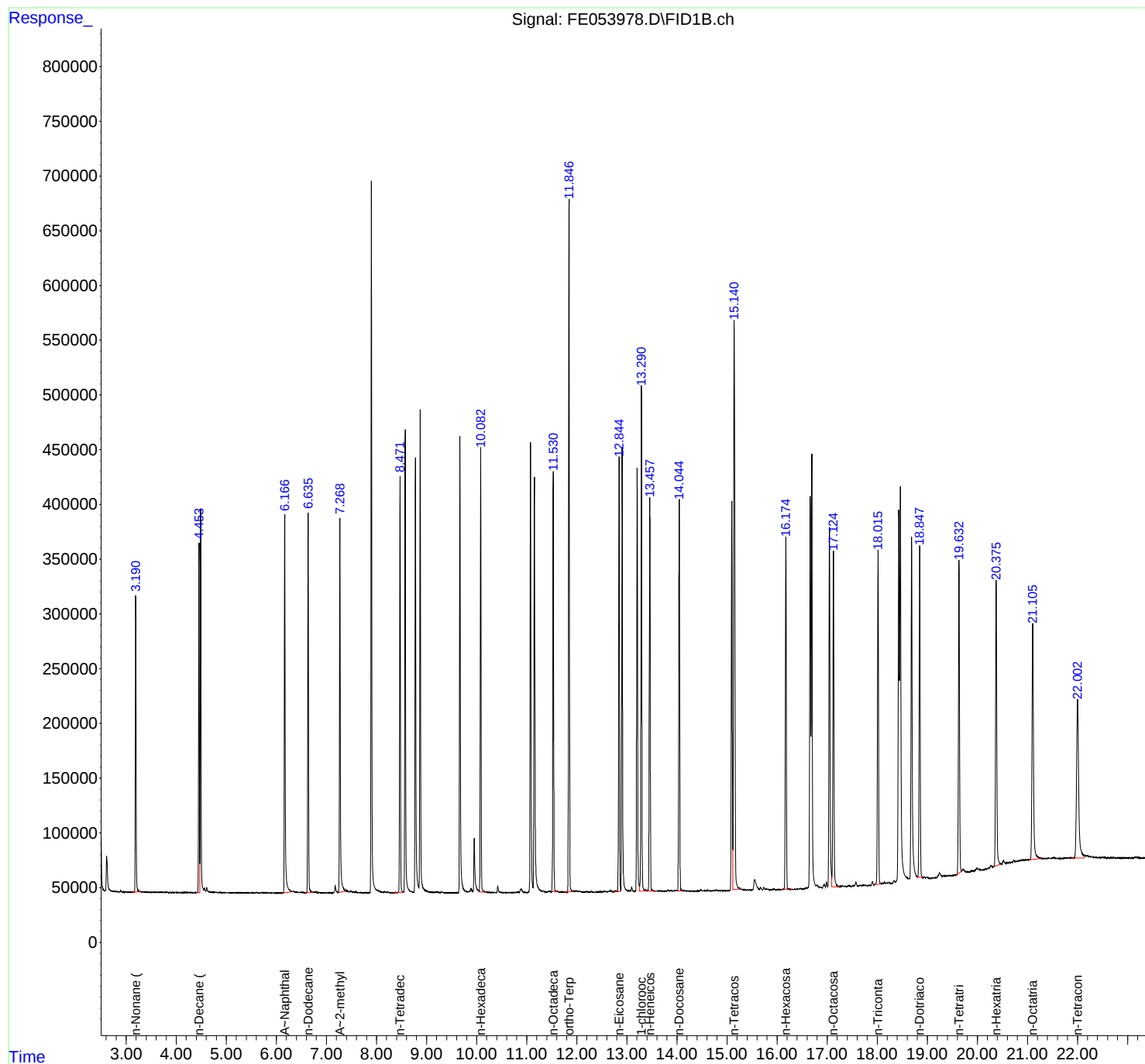
(m)=manual int.

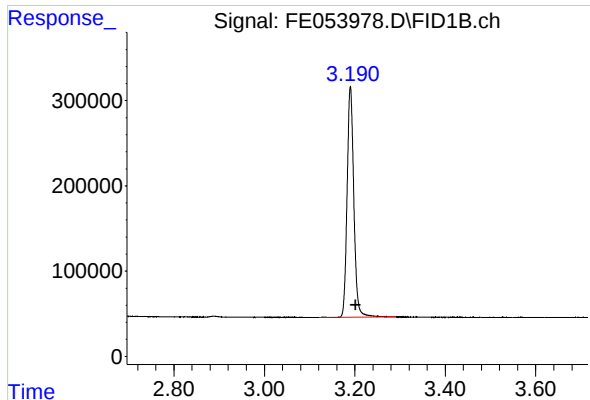
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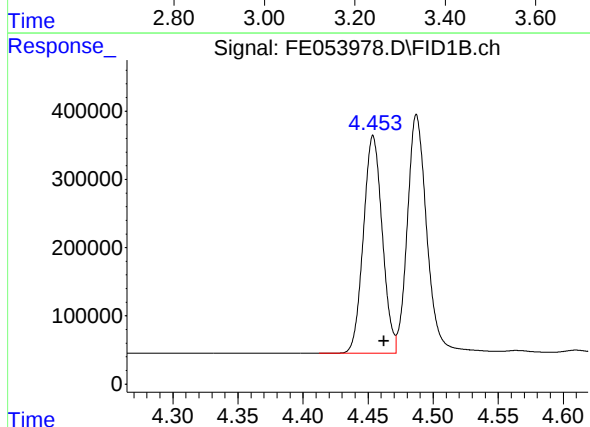




#1 n-Nonane (C9)

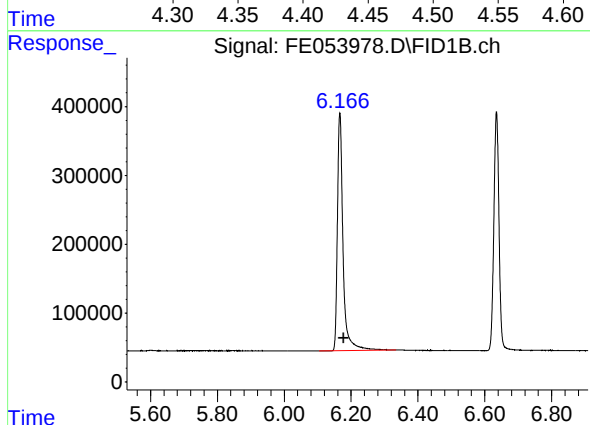
R.T.: 3.190 min
Delta R.T.: -0.012 min
Response: 2785317
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMS



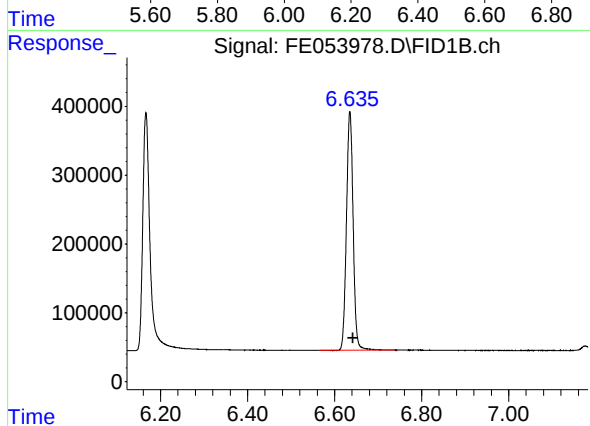
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.009 min
Response: 3213549
Conc: 23.78 ug/ml m



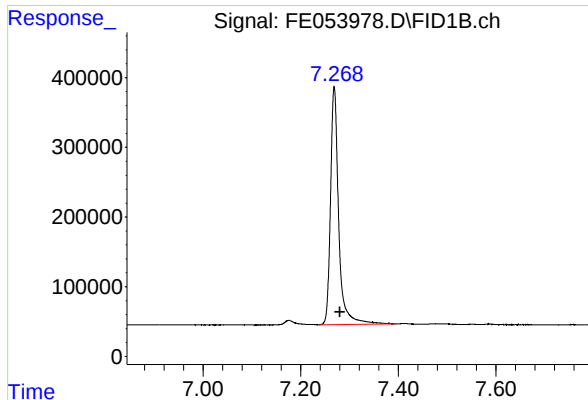
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.012 min
Response: 4047649
Conc: 28.16 ug/ml



#4 n-Dodecane (C12)

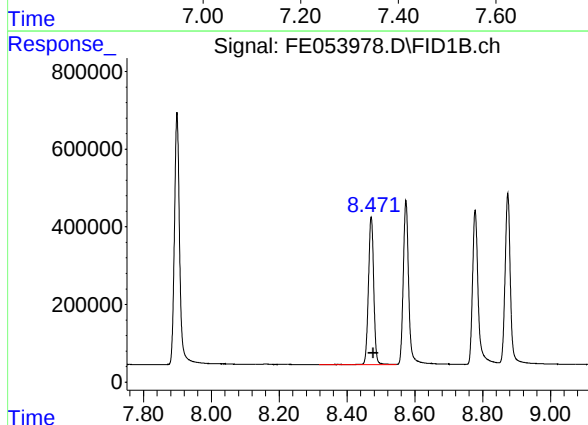
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 3707255
Conc: 27.18 ug/ml



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

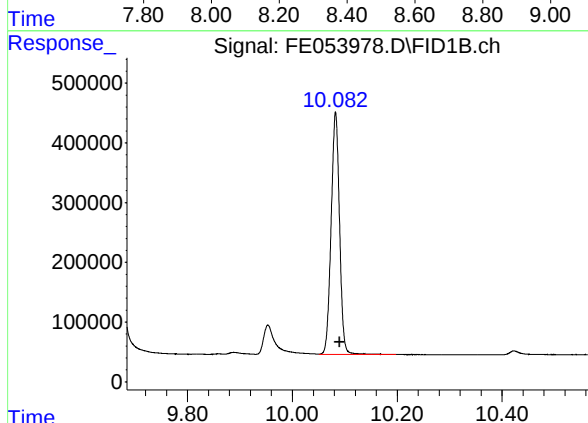
R.T.: 7.269 min
Delta R.T.: -0.011 min
Response: 3971036
Conc: 28.63 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMS



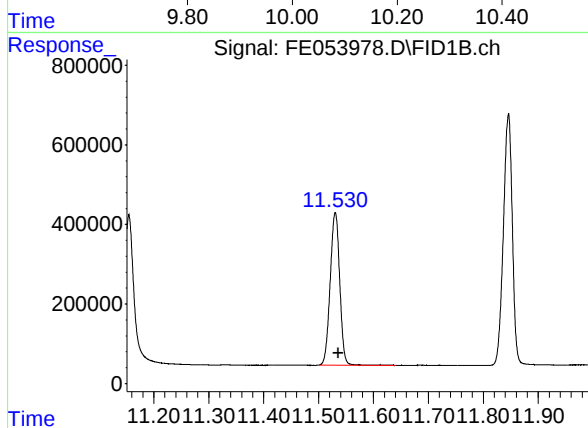
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.006 min
Response: 4103654
Conc: 30.41 ug/ml



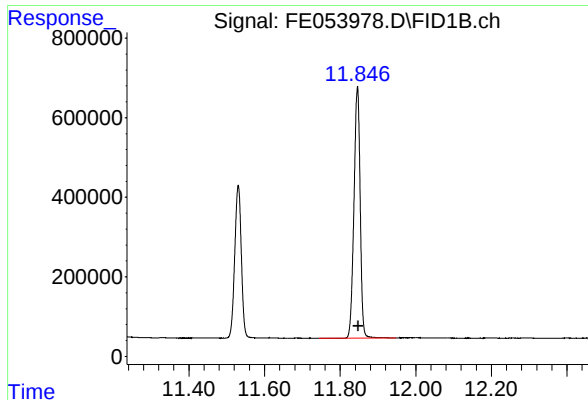
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 4507582
Conc: 33.41 ug/ml



#8 n-Octadecane (C18)

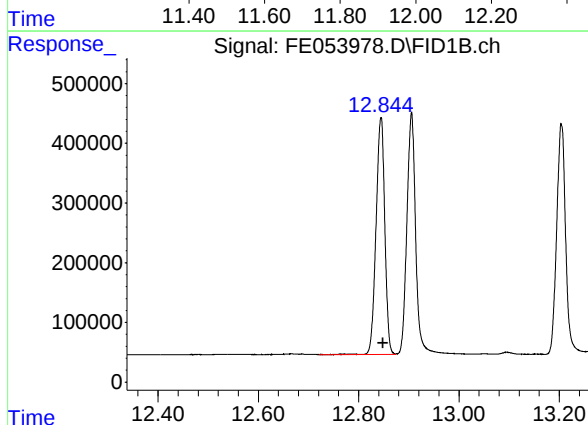
R.T.: 11.530 min
Delta R.T.: -0.006 min
Response: 4621024
Conc: 34.32 ug/ml



#9 ortho-Terphenyl (SURR)

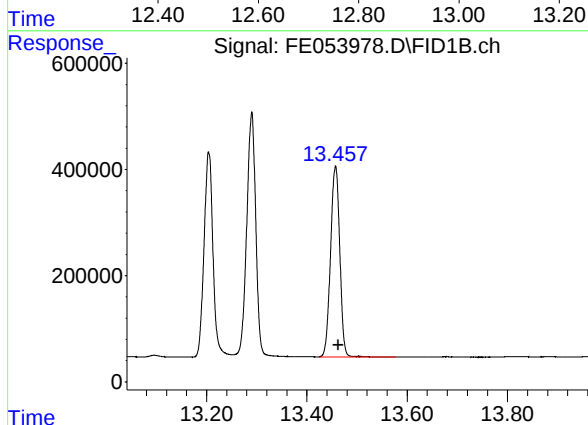
R.T.: 11.845 min
Delta R.T.: -0.003 min
Response: 7173889
Conc: 44.14 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMS



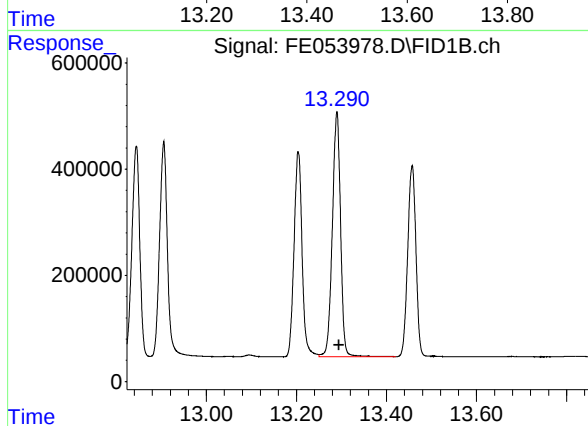
#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.005 min
Response: 4798139
Conc: 36.51 ug/ml



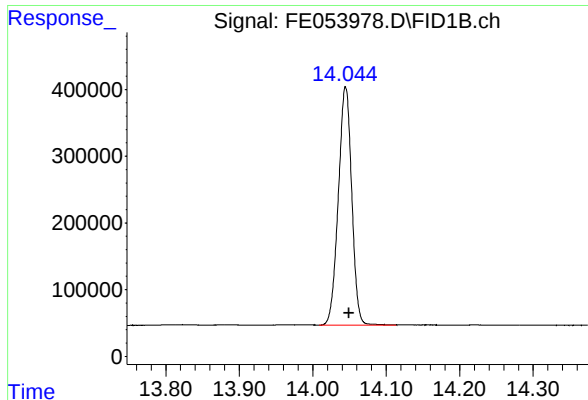
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.006 min
Response: 4584329
Conc: 35.36 ug/ml



#12 1-chlorooctadecane (SURR)

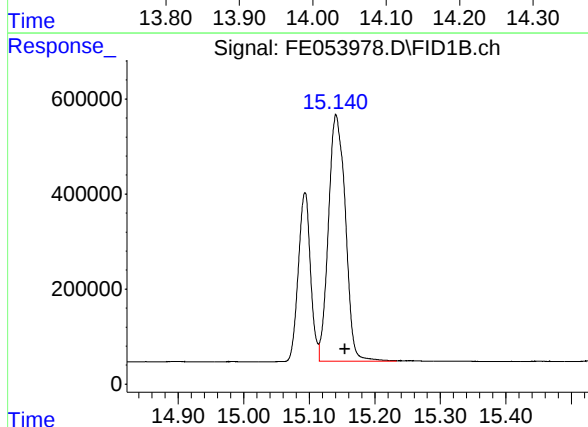
R.T.: 13.290 min
Delta R.T.: -0.005 min
Response: 5842587
Conc: 49.28 ug/ml



#13 n-Docosane (C22)

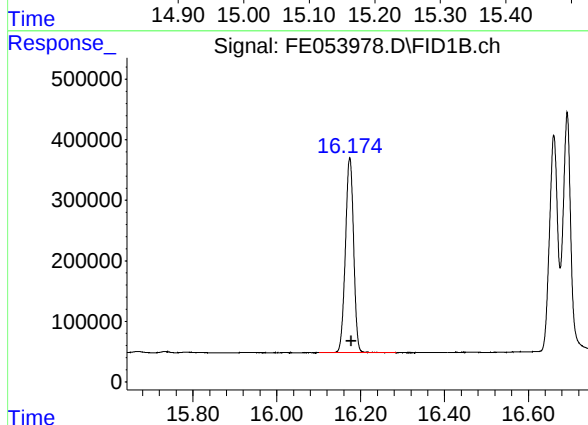
R.T.: 14.044 min
Delta R.T.: -0.005 min
Response: 4532238
Conc: 35.53 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMS



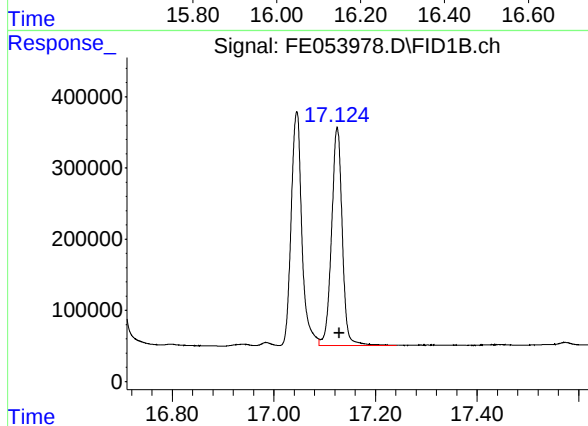
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.015 min
Response: 9317802
Conc: 74.47 ug/ml m



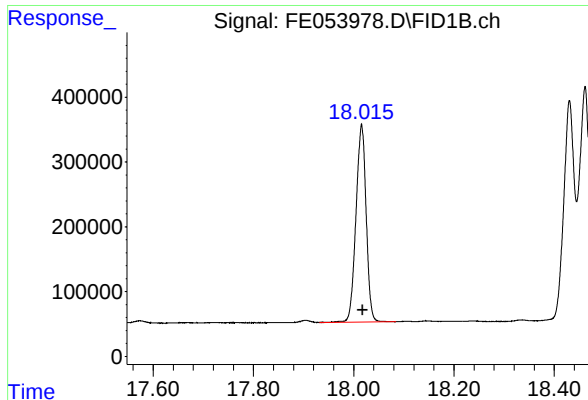
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.004 min
Response: 4373759
Conc: 35.72 ug/ml



#16 n-Octacosane (C28)

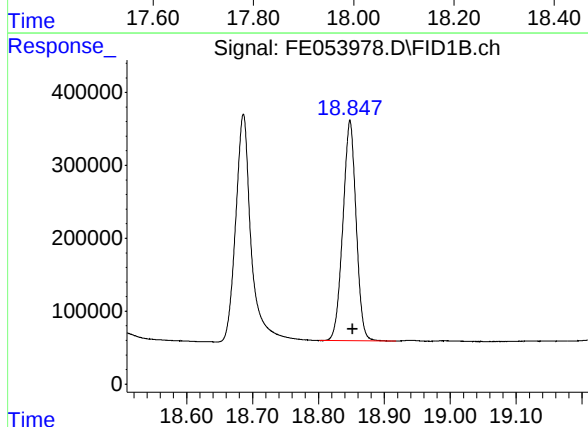
R.T.: 17.124 min
Delta R.T.: -0.004 min
Response: 4482576
Conc: 36.87 ug/ml m



#17 n-Tricontane (C30)

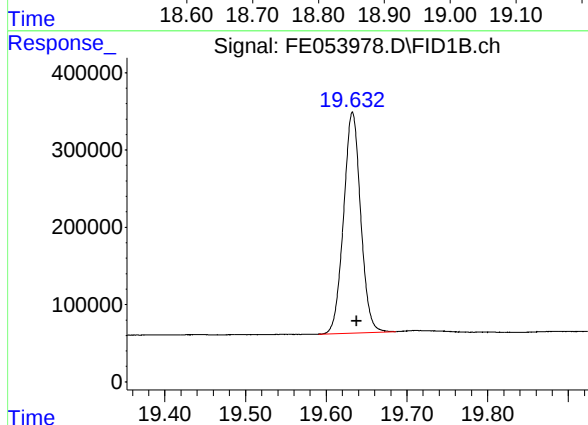
R.T.: 18.015 min
Delta R.T.: -0.003 min
Response: 4298444
Conc: 34.51 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMS



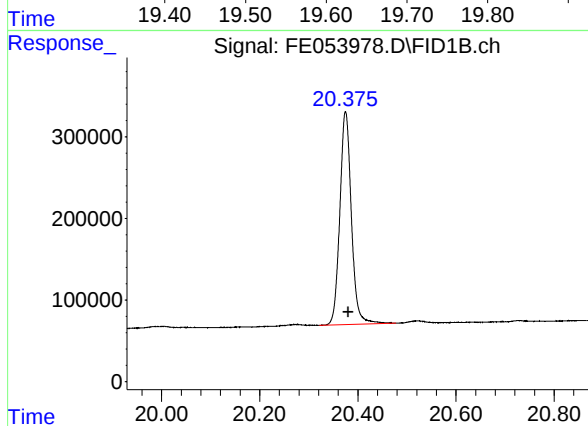
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.004 min
Response: 4219604
Conc: 33.74 ug/ml



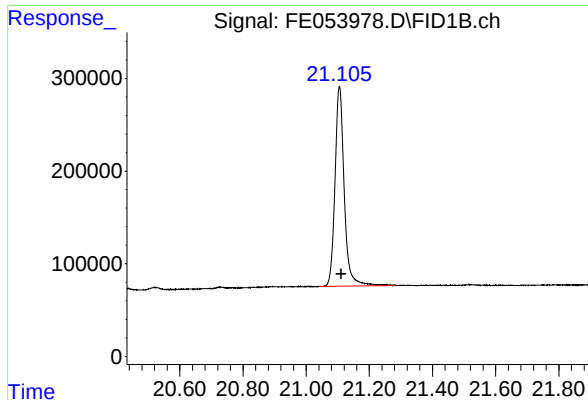
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.005 min
Response: 4195586
Conc: 35.22 ug/ml



#20 n-Hexatriacontane (C36)

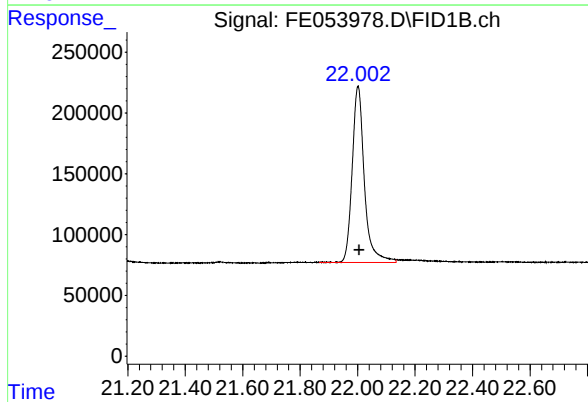
R.T.: 20.375 min
Delta R.T.: -0.005 min
Response: 4258817
Conc: 36.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.005 min
Response: 4368228
Conc: 40.14 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-MHEMS



#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: -0.005 min
Response: 4265671
Conc: 42.99 ug/ml m