

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061825AL\
 Data File : FE054482.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2025 14:56
 Operator : YP\AJ
 Sample : PB168533BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168533BSD

Integration File: autoint1.e
 Quant Time: Jun 19 01:34:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.826	6448800	39.028 ug/ml
Spiked Amount 50.000		Recovery =	78.06%
12) S 1-chlorooctadecane (S...	13.270	4733777	38.818 ug/ml
Spiked Amount 50.000		Recovery =	77.64%
Target Compounds			
1) T n-Nonane (C9)	3.180	3760866	30.286 ug/ml
2) T n-Decane (C10)	4.439	3887034	31.283 ug/ml
3) T A~Naphthalene (C11.7)	6.151	5139364	38.030 ug/ml
4) T n-Dodecane (C12)	6.618	4365128	34.281 ug/ml
5) T A~2-methylnaphthalene...	7.252	4949068	37.365 ug/ml
6) T n-Tetradecane (C14)	8.453	4949539	38.231 ug/ml
7) T n-Hexadecane (C16)	10.065	5317220	40.028 ug/ml
8) T n-Octadecane (C18)	11.512	5383462	39.868 ug/ml
10) T n-Eicosane (C20)	12.825	5521968	41.277 ug/ml
11) T n-Heneicosane (C21)	13.438	5264820	39.595 ug/ml
13) T n-Docosane (C22)	14.025	5204721	39.694 ug/ml
14) T n-Tetracosane (C24)	15.126	11262880	87.313 ug/ml
15) T n-Hexacosane (C26)	16.155	4985341	39.715 ug/ml
16) T n-Octacosane (C28)	17.105	3509406	28.618 ug/ml
17) T n-Tricontane (C30)	17.996	4946966	39.913 ug/ml
18) T n-Dotriacontane (C32)	18.828	4871698	38.774 ug/ml
19) T n-Tetratriacontane (C34)	19.613	5027538	40.412 ug/ml
20) T n-Hexatriacontane (C36)	20.354	4976852	38.661 ug/ml
21) T n-Octatriacontane (C38)	21.080	4957644	37.546 ug/ml
22) T n-Tetracontane (C40)	21.968	4523143	33.578 ug/ml

(f)=RT Delta > 1/2 Window

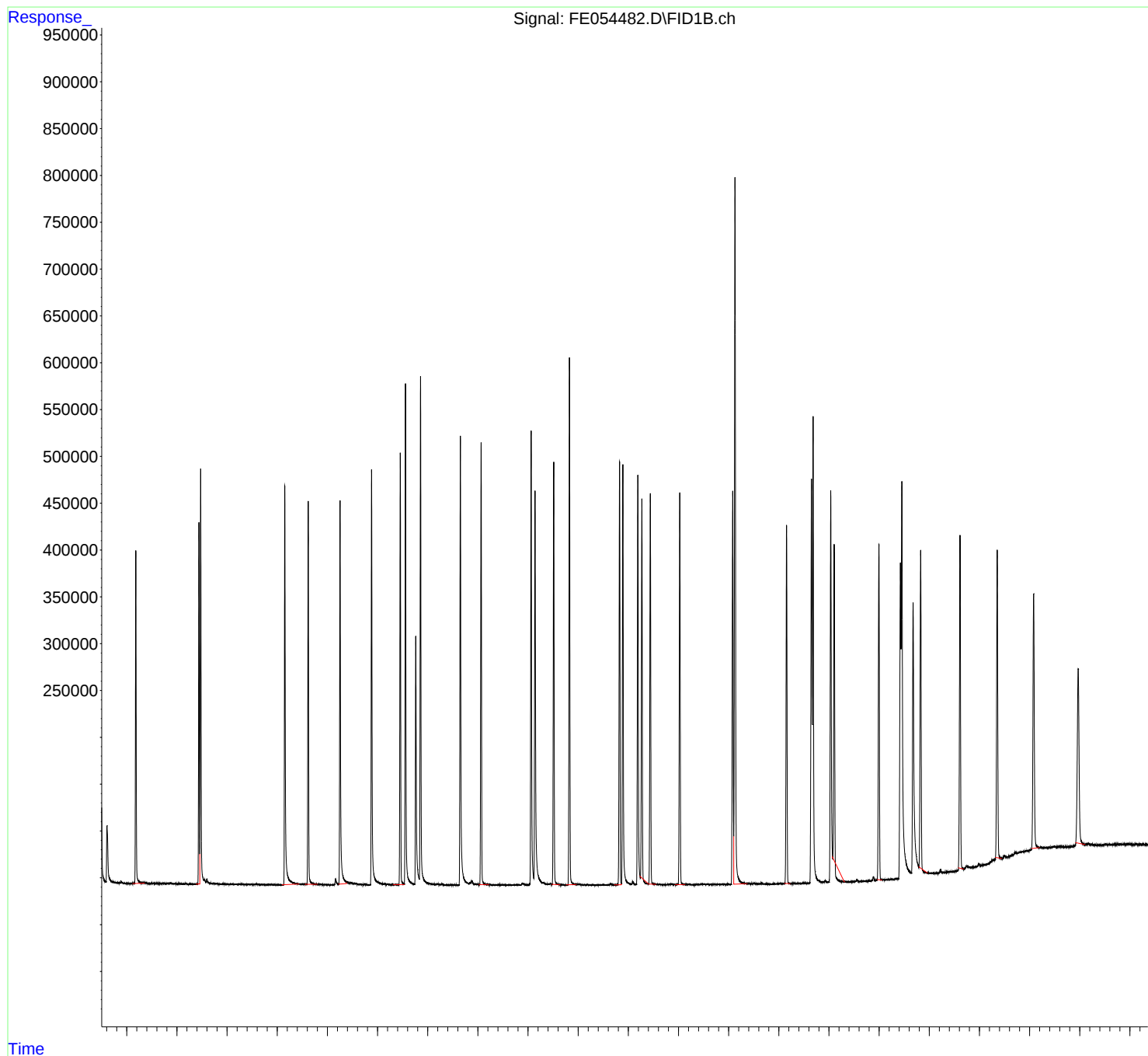
(m)=manual int.

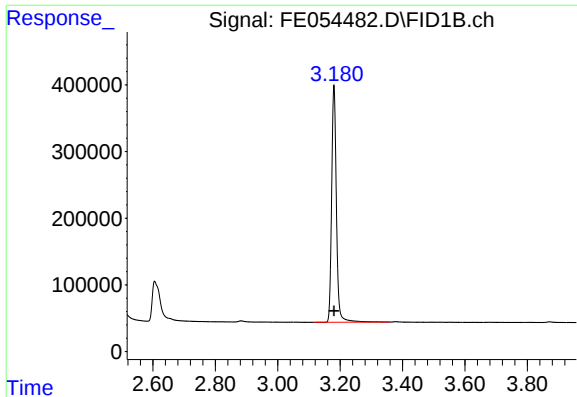
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061825AL\
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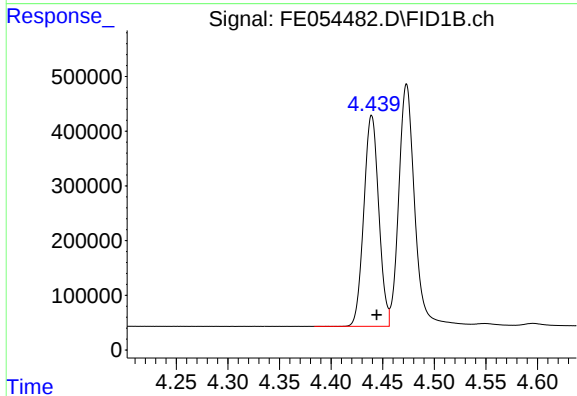




#1 n-Nonane (C9)

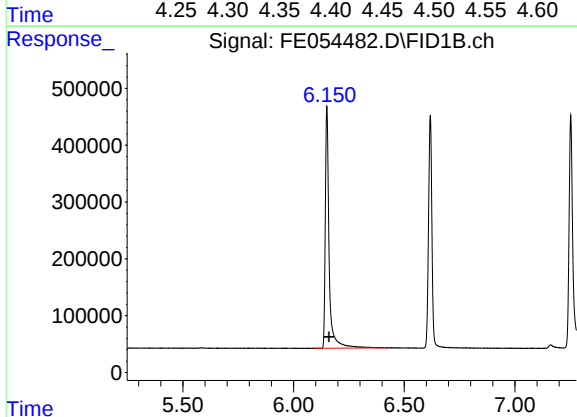
R.T.: 3.180 min
Delta R.T.: 0.000 min
Response: 3760866
Conc: 30.29 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168533BSD



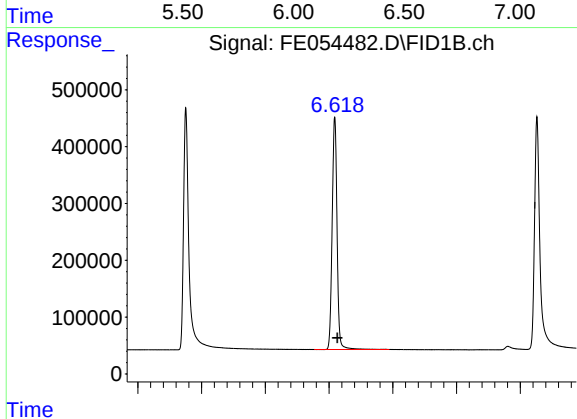
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.005 min
Response: 3887034
Conc: 31.28 ug/ml



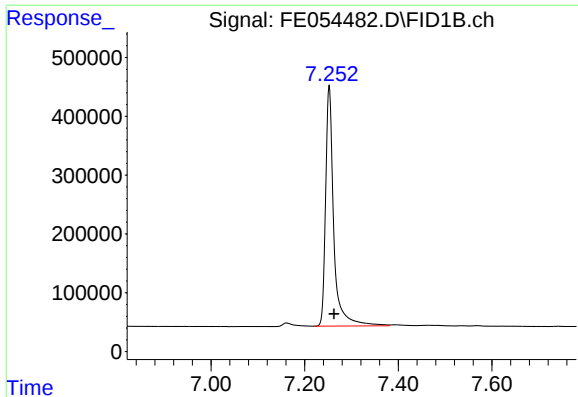
#3 A~Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.010 min
Response: 5139364
Conc: 38.03 ug/ml



#4 n-Dodecane (C12)

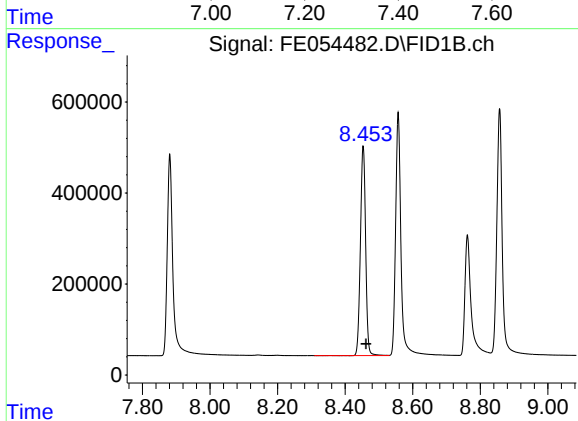
R.T.: 6.618 min
Delta R.T.: -0.009 min
Response: 4365128
Conc: 34.28 ug/ml



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

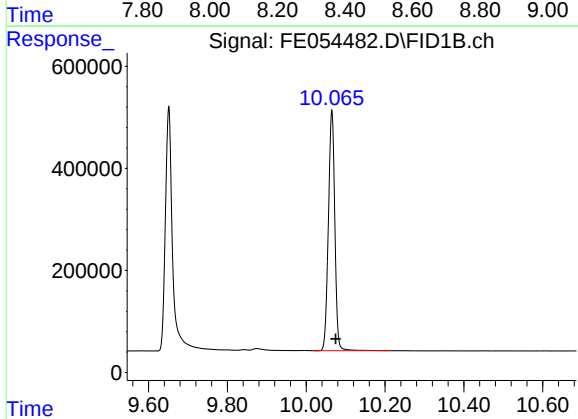
R.T.: 7.252 min
Delta R.T.: -0.010 min
Response: 4949068
Conc: 37.36 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168533BSD



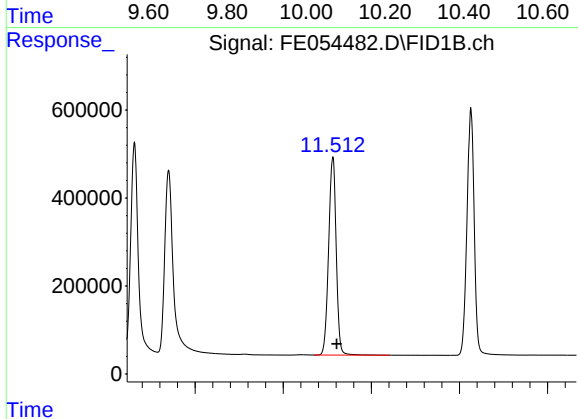
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 4949539
Conc: 38.23 ug/ml



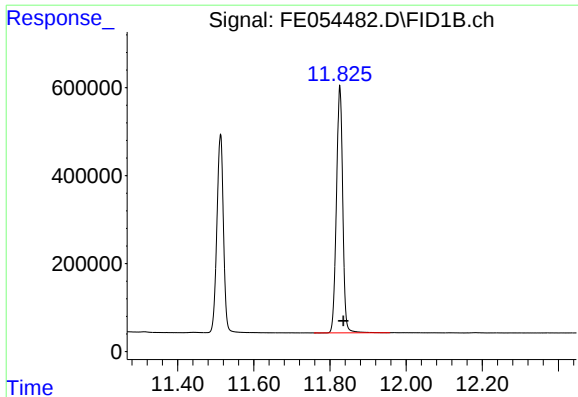
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.009 min
Response: 5317220
Conc: 40.03 ug/ml



#8 n-Octadecane (C18)

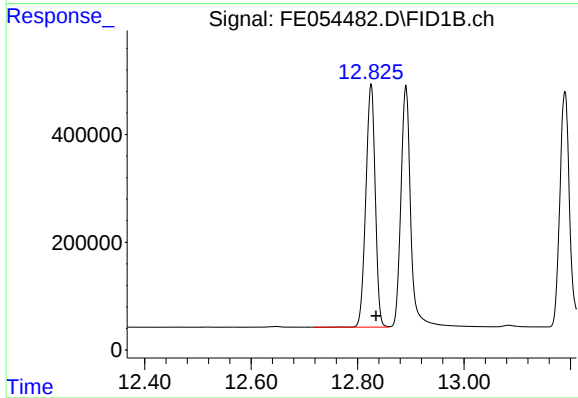
R.T.: 11.512 min
Delta R.T.: -0.009 min
Response: 5383462
Conc: 39.87 ug/ml



#9 ortho-Terphenyl (SURR)

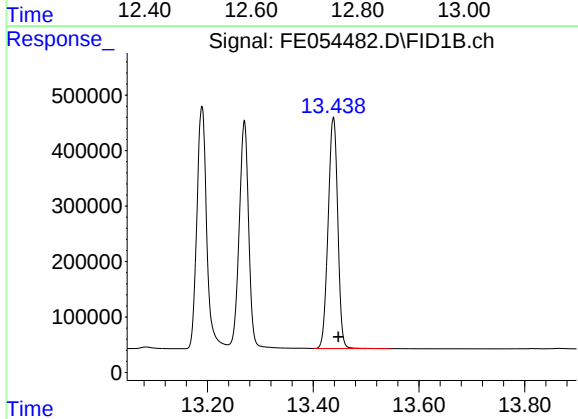
R.T.: 11.826 min
Delta R.T.: -0.009 min
Response: 6448800
Conc: 39.03 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168533BSD



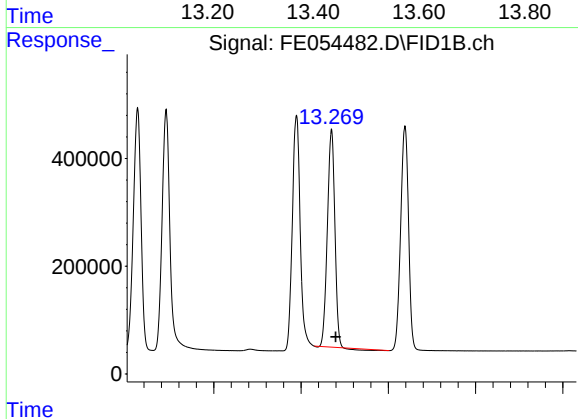
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.009 min
Response: 5521968
Conc: 41.28 ug/ml



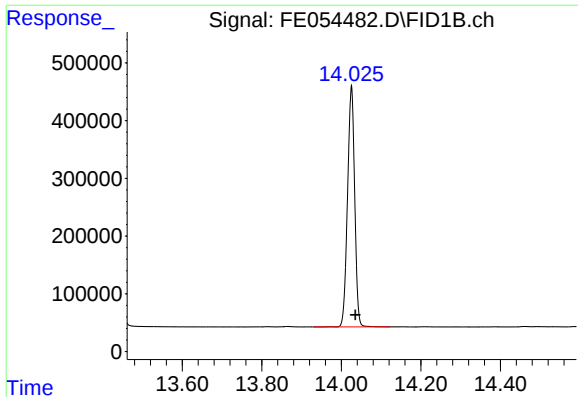
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.010 min
Response: 5264820
Conc: 39.59 ug/ml



#12 1-chlorooctadecane (SURR)

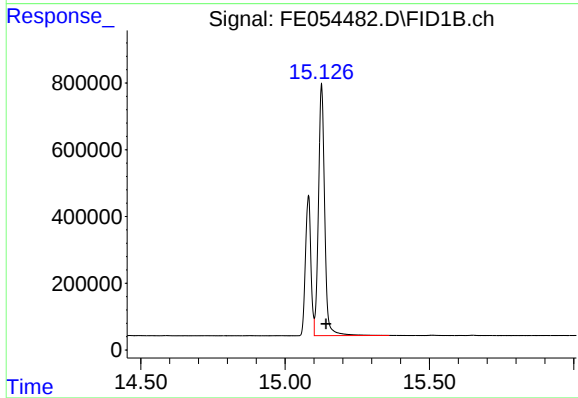
R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 4733777
Conc: 38.82 ug/ml



#13 n-Docosane (C22)

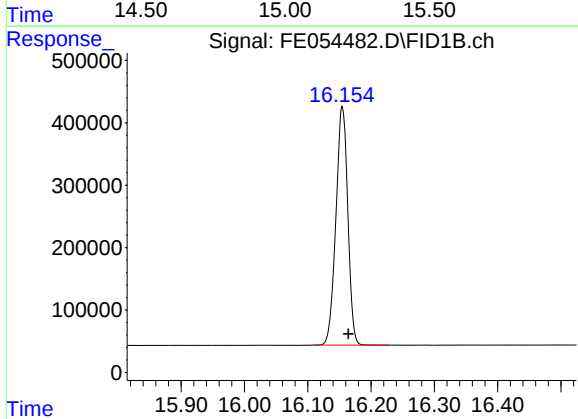
R.T.: 14.025 min
Delta R.T.: -0.010 min
Response: 5204721
Conc: 39.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168533BSD



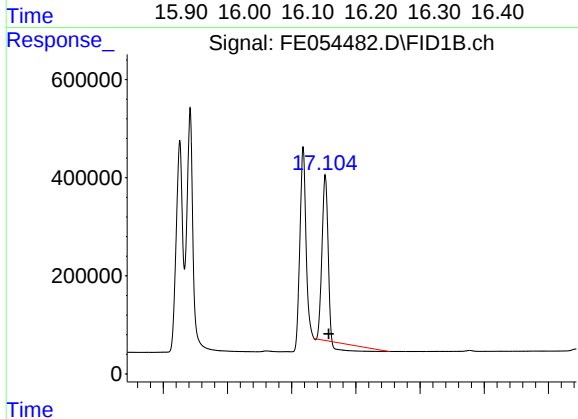
#14 n-Tetracosane (C24)

R.T.: 15.126 min
Delta R.T.: -0.015 min
Response: 11262880
Conc: 87.31 ug/ml



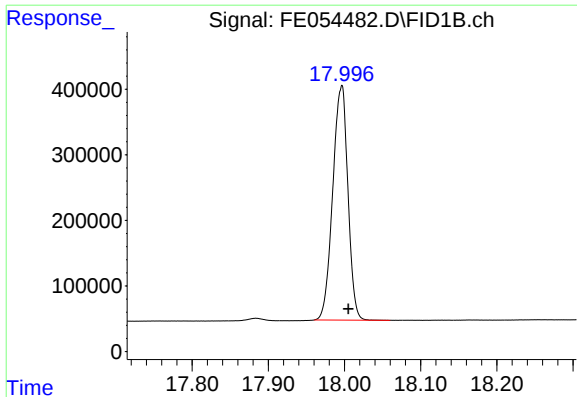
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 4985341
Conc: 39.71 ug/ml



#16 n-Octacosane (C28)

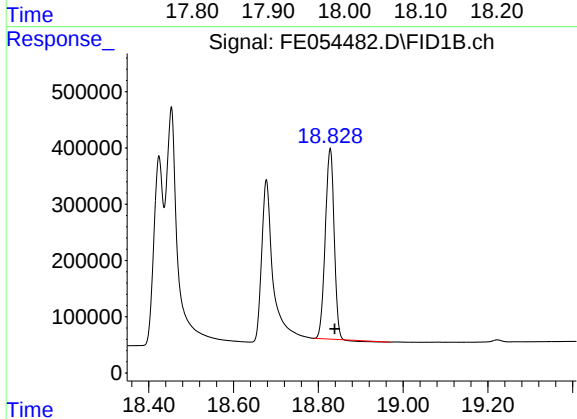
R.T.: 17.105 min
Delta R.T.: -0.011 min
Response: 3509406
Conc: 28.62 ug/ml



#17 n-Tricontane (C30)

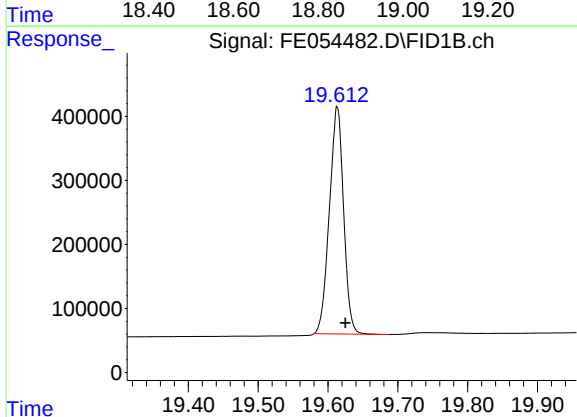
R.T.: 17.996 min
Delta R.T.: -0.010 min
Response: 4946966
Conc: 39.91 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168533BSD



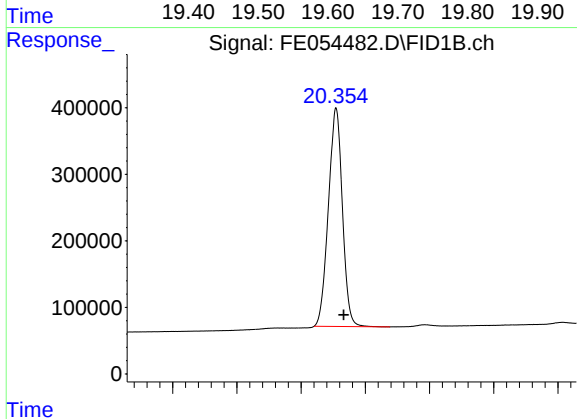
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 4871698
Conc: 38.77 ug/ml



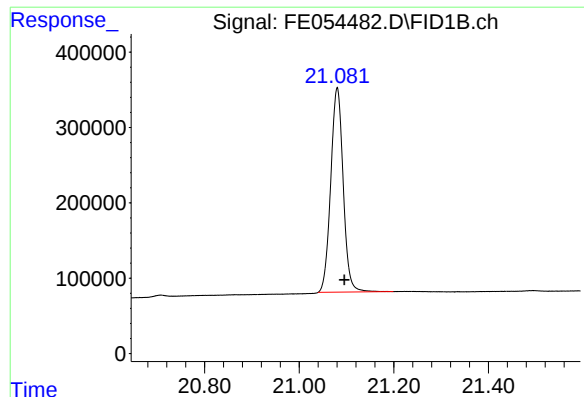
#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.012 min
Response: 5027538
Conc: 40.41 ug/ml



#20 n-Hexatriacontane (C36)

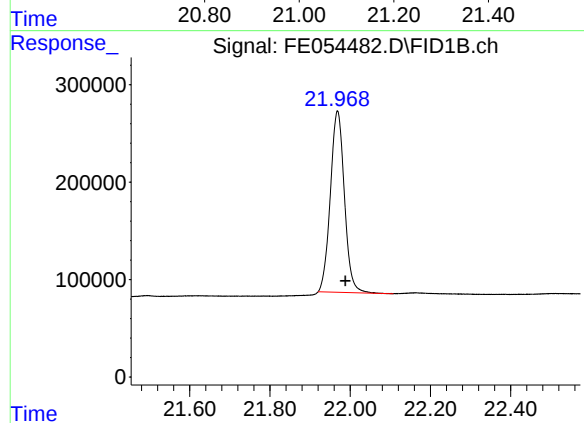
R.T.: 20.354 min
Delta R.T.: -0.012 min
Response: 4976852
Conc: 38.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.015 min
Response: 4957644
Conc: 37.55 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168533BSD



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.020 min
Response: 4523143
Conc: 33.58 ug/ml