

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102424AL\
 Data File : FE050816.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2024 15:45
 Operator : YP\AJ
 Sample : PB164367BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB164367BSD

Integration File: autoint1.e
 Quant Time: Oct 25 02:01:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.861	6561012	41.616 ug/ml
Spiked Amount 50.000		Recovery =	83.23%
12) S 1-chlorooctadecane (S...	13.294	5590017	47.256 ug/ml
Spiked Amount 50.000		Recovery =	94.51%
Target Compounds			
1) T n-Nonane (C9)	3.254	5327841	37.708 ug/ml
2) T n-Decane (C10)	4.501	5722695	39.886 ug/ml
3) T A~Naphthalene (C11.7)	6.209	6692274	46.802 ug/ml
4) T n-Dodecane (C12)	6.666	6422726	44.623 ug/ml
5) T A~2-methylnaphthalene...	7.305	6741701	50.888 ug/ml
6) T n-Tetradecane (C14)	8.494	7603901	53.149 ug/ml
7) T n-Hexadecane (C16)	10.099	7992821	54.310 ug/ml
8) T n-Octadecane (C18)	11.541	8084980	54.127 ug/ml
10) T n-Eicosane (C20)	12.849	8103693	56.511 ug/ml
11) T n-Heneicosane (C21)	13.460	7842911	55.848 ug/ml
13) T n-Docosane (C22)	14.046	7737522	55.152 ug/ml
14) T n-Tetracosane (C24)	15.148	15756522	111.529 ug/ml
15) T n-Hexacosane (C26)	16.168	7684140	54.607 ug/ml
16) T n-Octacosane (C28)	17.116	9057449	61.897 ug/ml
17) T n-Tricontane (C30)	18.003	8018209	50.428 ug/ml
18) T n-Dotriacontane (C32)	18.835	8071245	49.787 ug/ml
19) T n-Tetratriacontane (C34)	19.618	8525522	58.040 ug/ml
20) T n-Hexatriacontane (C36)	20.357	8574505	67.615 ug/ml
21) T n-Octatriacontane (C38)	21.083	8896744	71.953 ug/ml
22) T n-Tetracontane (C40)	21.970	8680073	77.953 ug/ml

(f)=RT Delta > 1/2 Window

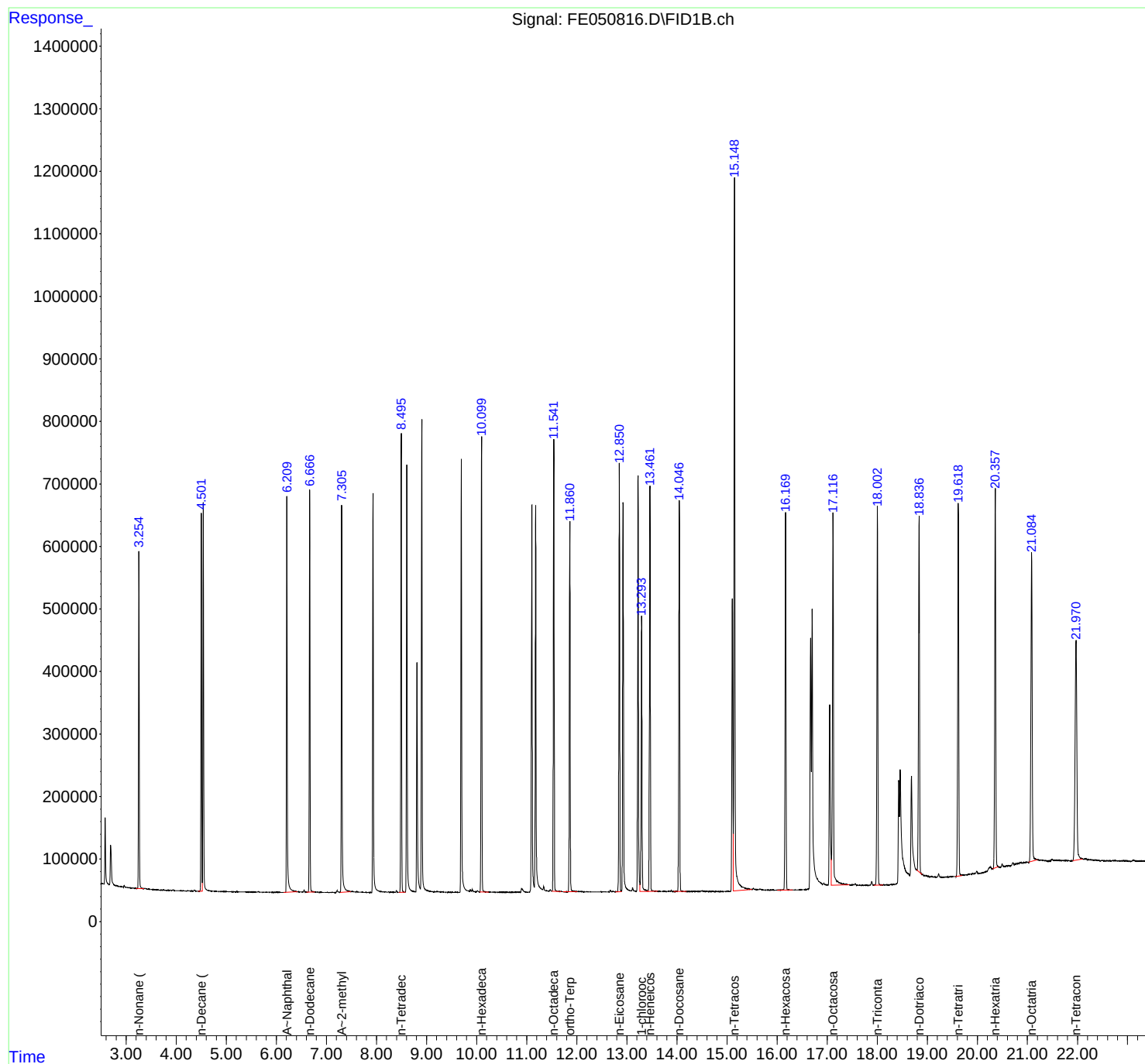
(m)=manual int.

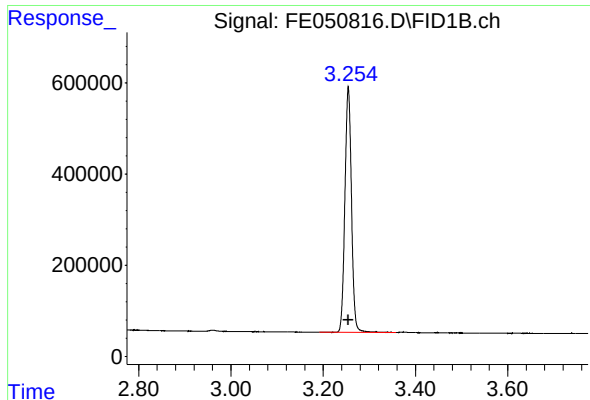
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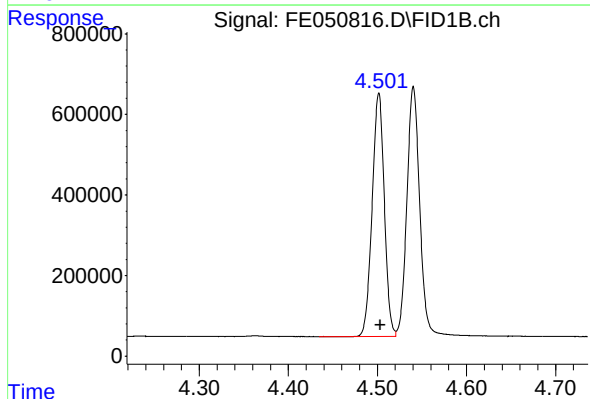




#1 n-Nonane (C9)

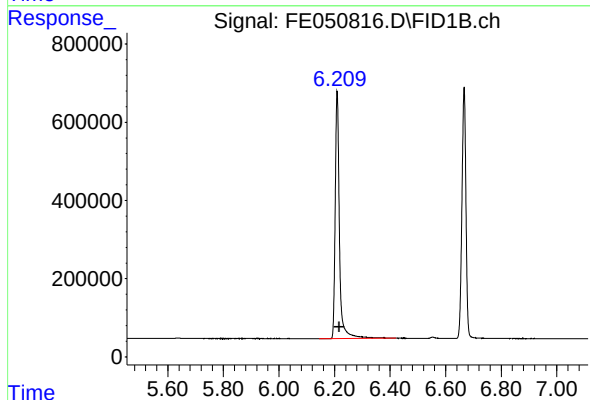
R.T.: 3.254 min
Delta R.T.: 0.000 min
Response: 5327841
Conc: 37.71 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BSD



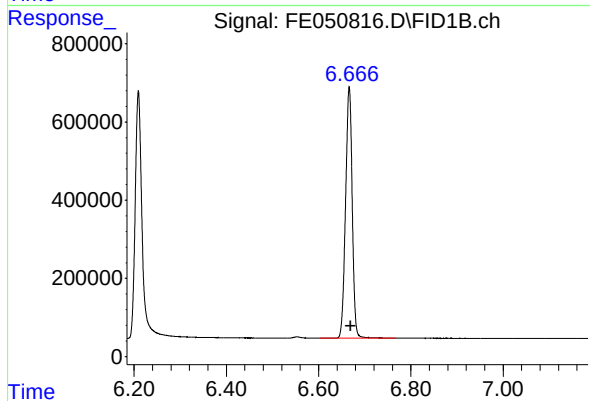
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 5722695
Conc: 39.89 ug/ml



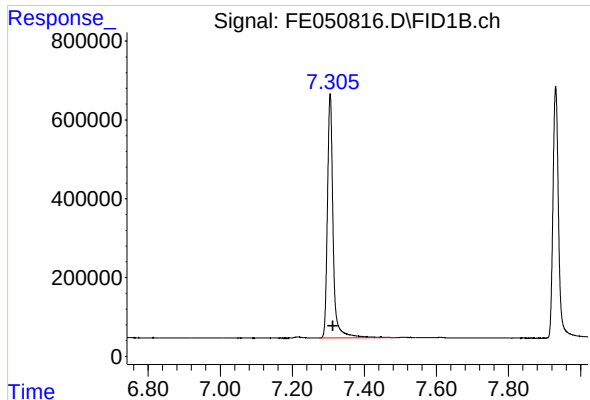
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.007 min
Response: 6692274
Conc: 46.80 ug/ml



#4 n-Dodecane (C12)

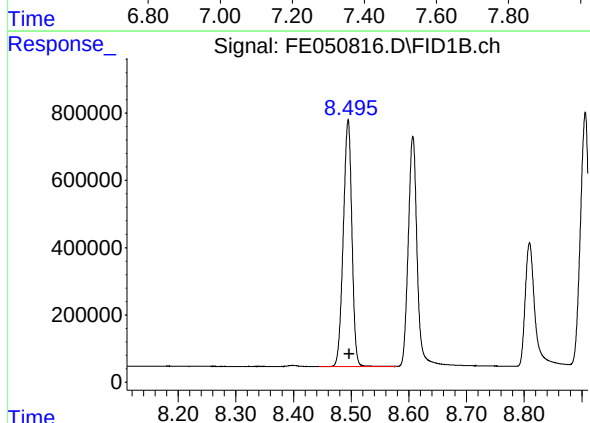
R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 6422726
Conc: 44.62 ug/ml



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

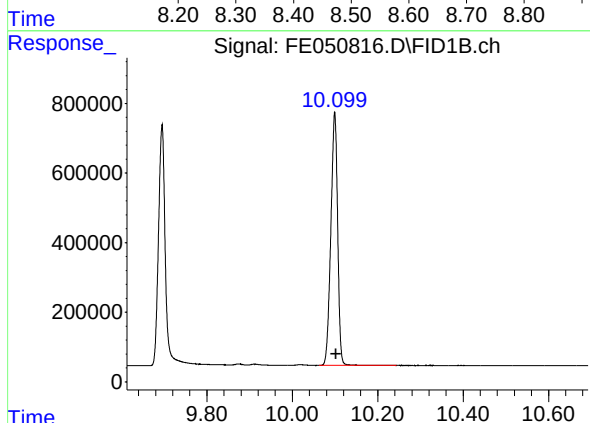
R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 6741701
Conc: 50.89 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BSD



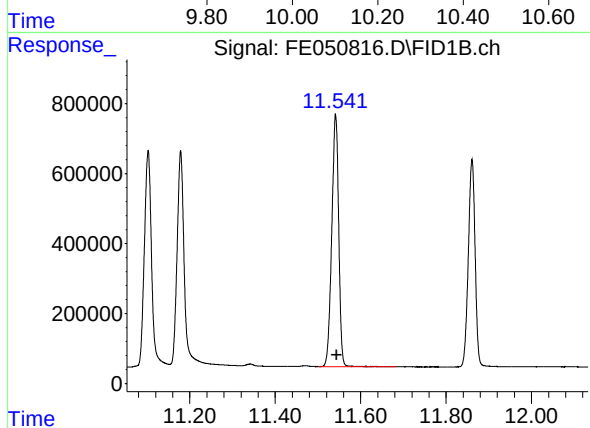
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 7603901
Conc: 53.15 ug/ml



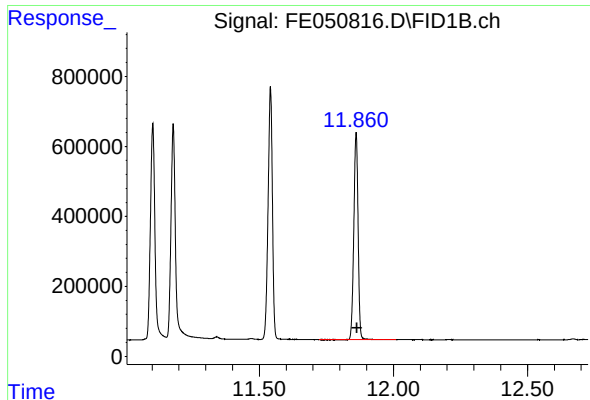
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.004 min
Response: 7992821
Conc: 54.31 ug/ml



#8 n-Octadecane (C18)

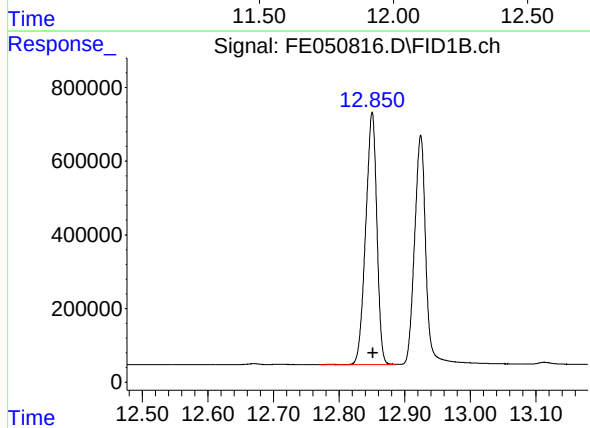
R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 8084980
Conc: 54.13 ug/ml



#9 ortho-Terphenyl (SURR)

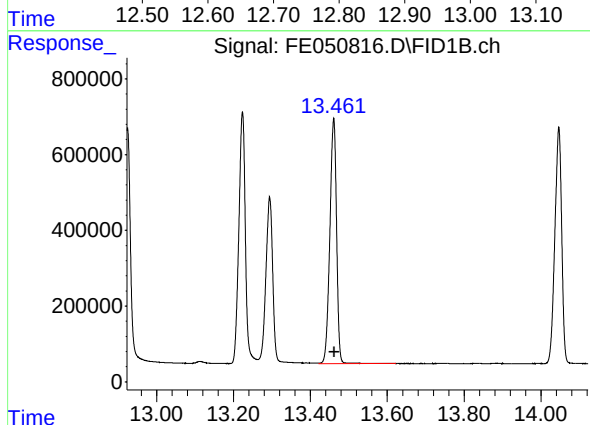
R.T.: 11.861 min
Delta R.T.: -0.003 min
Response: 6561012
Conc: 41.62 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BSD



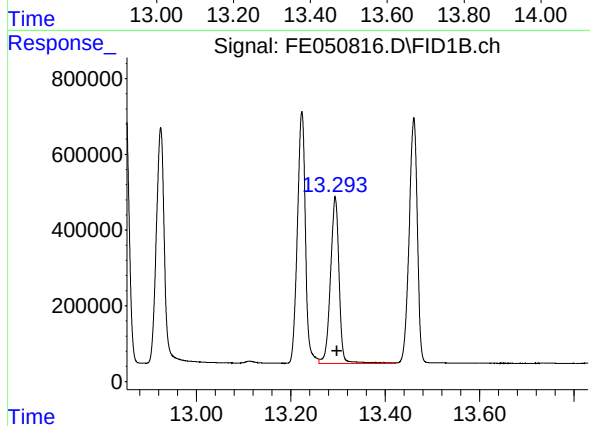
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.002 min
Response: 8103693
Conc: 56.51 ug/ml



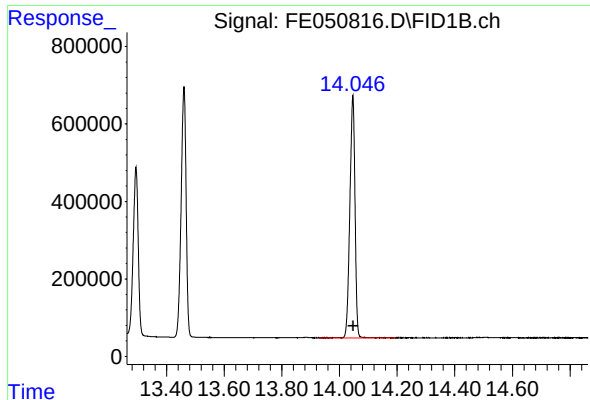
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.003 min
Response: 7842911
Conc: 55.85 ug/ml



#12 1-chlorooctadecane (SURR)

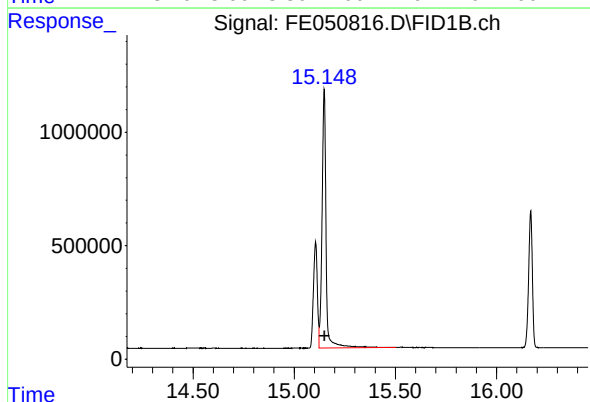
R.T.: 13.294 min
Delta R.T.: -0.004 min
Response: 5590017
Conc: 47.26 ug/ml



#13 n-Docosane (C22)

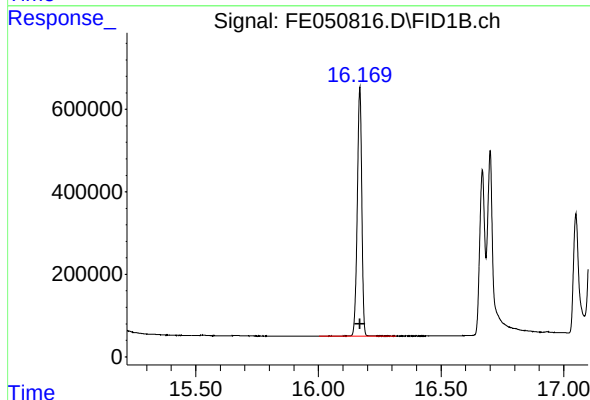
R.T.: 14.046 min
Delta R.T.: -0.002 min
Response: 7737522
Conc: 55.15 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BSD



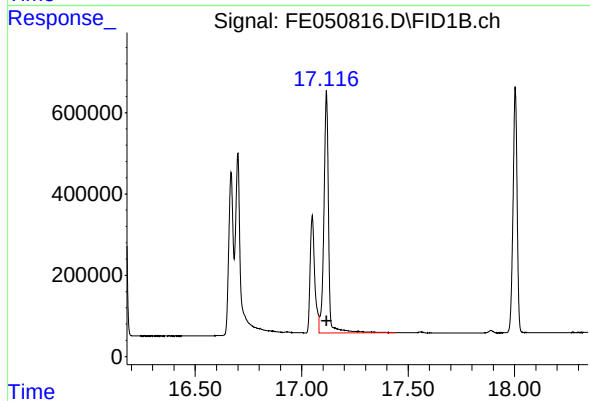
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 15756522
Conc: 111.53 ug/ml



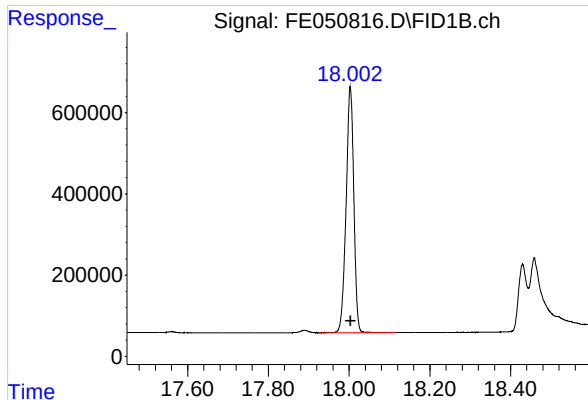
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.001 min
Response: 7684140
Conc: 54.61 ug/ml



#16 n-Octacosane (C28)

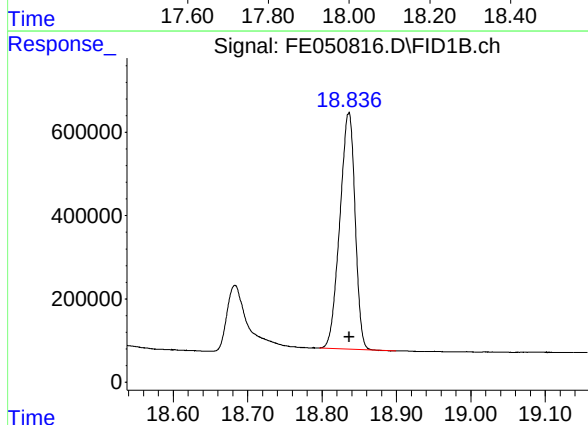
R.T.: 17.116 min
Delta R.T.: -0.002 min
Response: 9057449
Conc: 61.90 ug/ml



#17 n-Tricontane (C30)

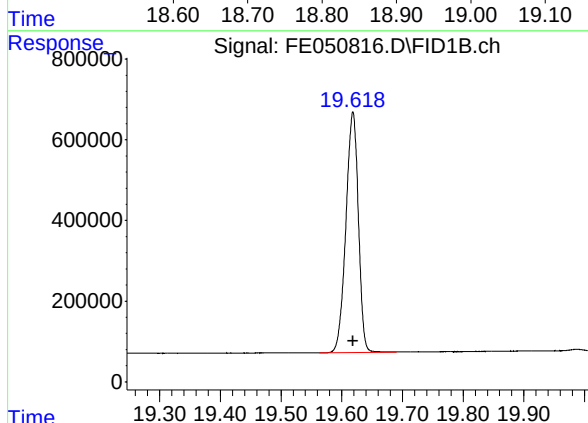
R.T.: 18.003 min
Delta R.T.: -0.002 min
Response: 8018209
Conc: 50.43 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BSD



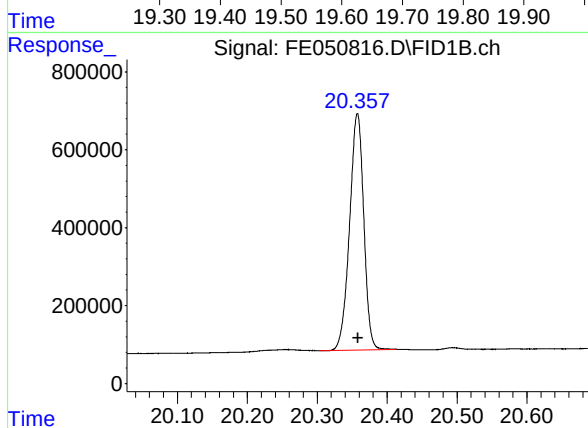
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.001 min
Response: 8071245
Conc: 49.79 ug/ml



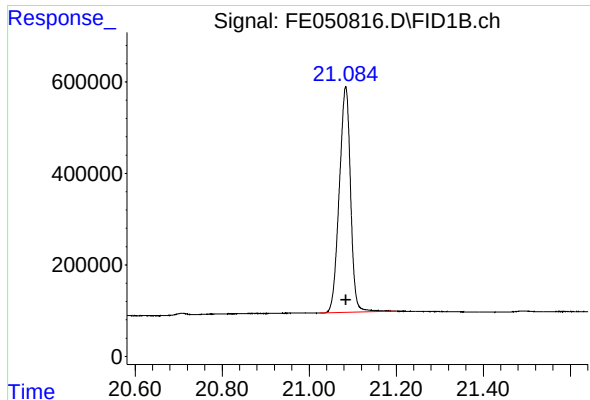
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: 0.000 min
Response: 8525522
Conc: 58.04 ug/ml



#20 n-Hexatriacontane (C36)

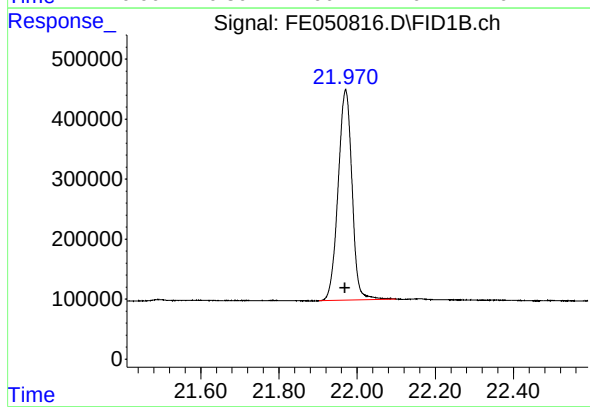
R.T.: 20.357 min
Delta R.T.: -0.001 min
Response: 8574505
Conc: 67.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.001 min
Response: 8896744
Conc: 71.95 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164367BSD



#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.001 min
Response: 8680073
Conc: 77.95 ug/ml