

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054251.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 17:41
 Operator : YP\AJ
 Sample : Q2240-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-2

Integration File: autoint1.e
 Quant Time: Jun 10 03:09:32 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)	11.841	4305146	26.491 ug/ml
Spiked Amount 50.000		Recovery =	52.98%
12) S 1-chlorooctadecane (S...	13.288	4576072	38.601 ug/ml
Spiked Amount 50.000		Recovery =	77.20%
Target Compounds			
2) T n-Decane (C10)	4.445	22540	0.167 ug/ml
3) T A~Naphthalene (C11.7)	6.172	138614	0.965 ug/ml
4) T n-Dodecane (C12)	6.631	66545	0.488 ug/ml
5) T A~2-methylnaphthalene...	7.272	207390	1.495 ug/ml
6) T n-Tetradecane (C14)	8.463	193599	1.435 ug/ml
7) T n-Hexadecane (C16)	10.092	432874	3.208 ug/ml
8) T n-Octadecane (C18)	11.521	67770	0.503 ug/ml
10) T n-Eicosane (C20)	12.830	702185	5.343 ug/ml
11) T n-Heneicosane (C21)	13.452	119796	0.924 ug/ml
13) T n-Docosane (C22)	14.042	445644	3.493 ug/ml
14) T n-Tetracosane (C24)	15.140	2712965	21.684 ug/ml
15) T n-Hexacosane (C26)	16.176	311734	2.546 ug/ml
16) T n-Octacosane (C28)	17.158	780124	6.417 ug/ml
17) T n-Tricontane (C30)	18.016	856873	6.879 ug/ml
18) T n-Dotriacontane (C32)	18.851	816683	6.531 ug/ml
19) T n-Tetratriacontane (C34)	19.644	610420	5.124 ug/ml
20) T n-Hexatriacontane (C36)	20.383	456917	3.946 ug/ml
21) T n-Octatriacontane (C38)	21.118	303788	2.792 ug/ml
22) T n-Tetracontane (C40)	22.005	187483	1.889 ug/ml

(f)=RT Delta > 1/2 Window

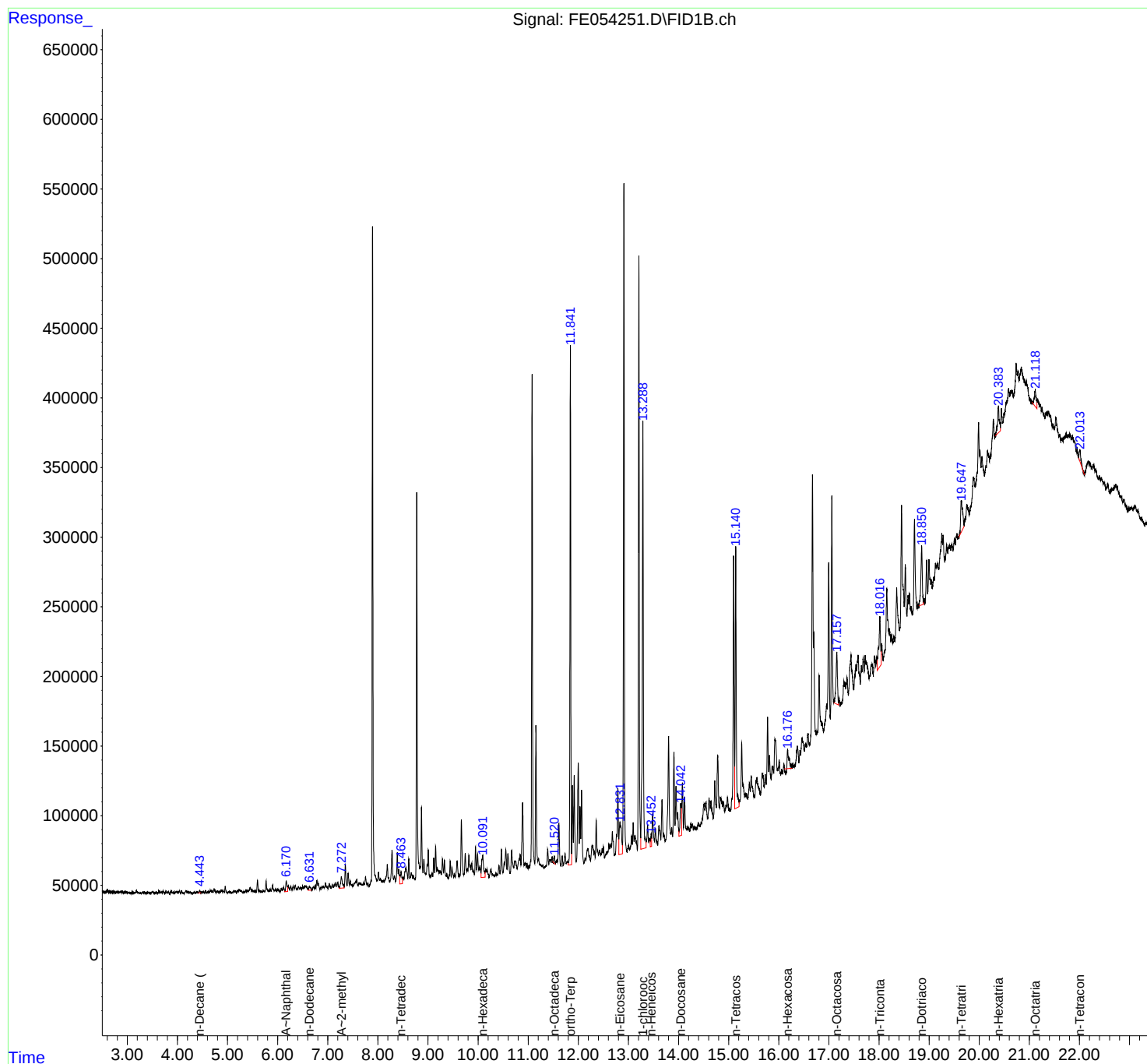
(m)=manual int.

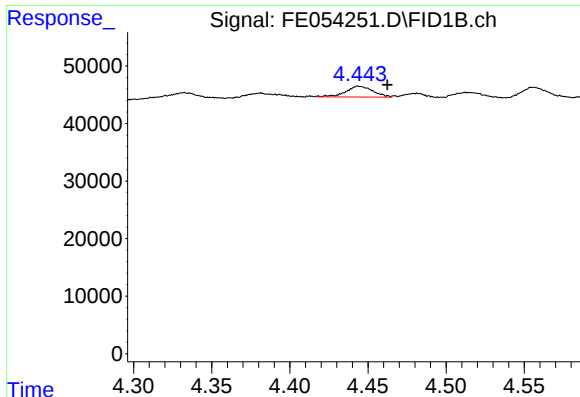
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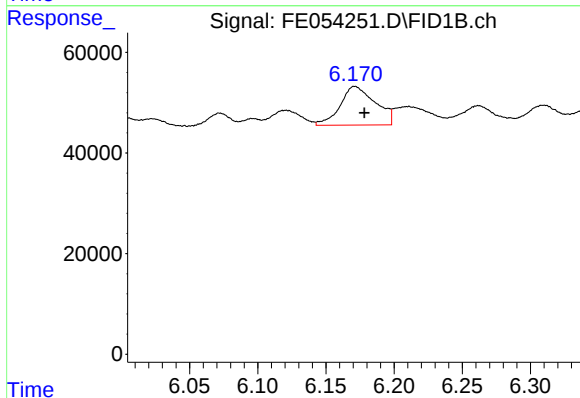




#2 n-Decane (C10)

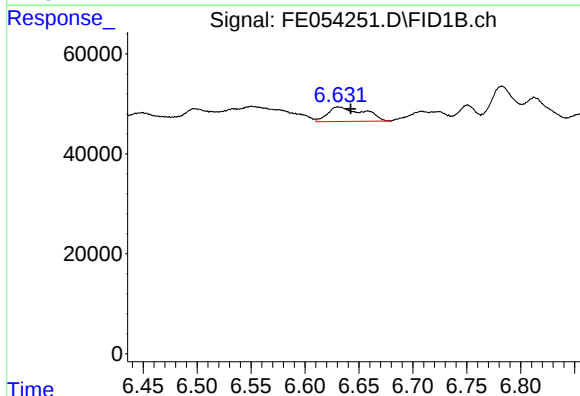
R.T.: 4.445 min
Delta R.T.: -0.018 min
Response: 22540
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2



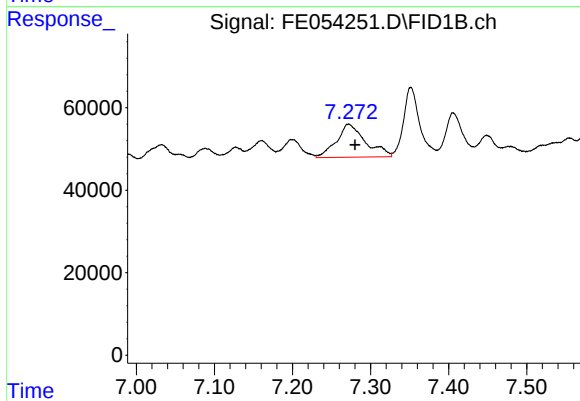
#3 A~Naphthalene (C11.7)

R.T.: 6.172 min
Delta R.T.: -0.007 min
Response: 138614
Conc: 0.96 ug/ml



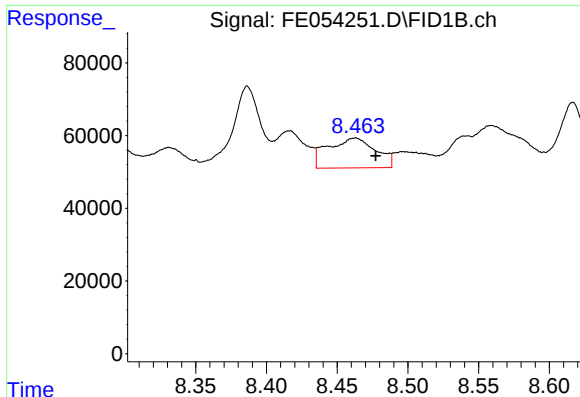
#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.011 min
Response: 66545
Conc: 0.49 ug/ml



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

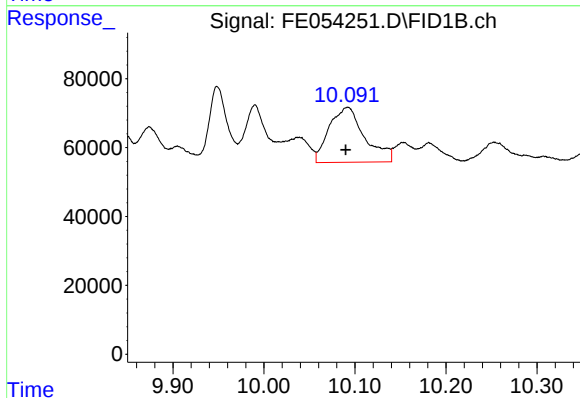
R.T.: 7.272 min
Delta R.T.: -0.008 min
Response: 207390
Conc: 1.50 ug/ml



#6 n-Tetradecane (C14)

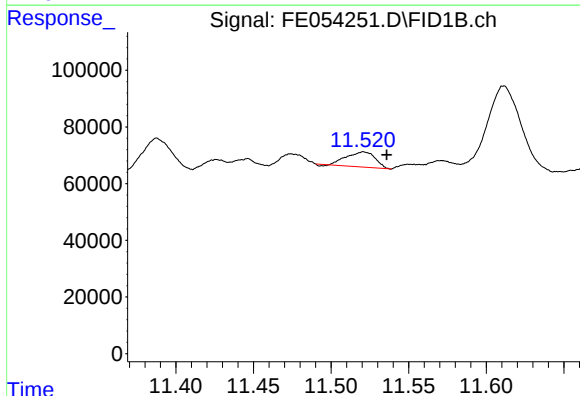
R.T.: 8.463 min
Delta R.T.: -0.015 min
Response: 193599
Conc: 1.43 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2



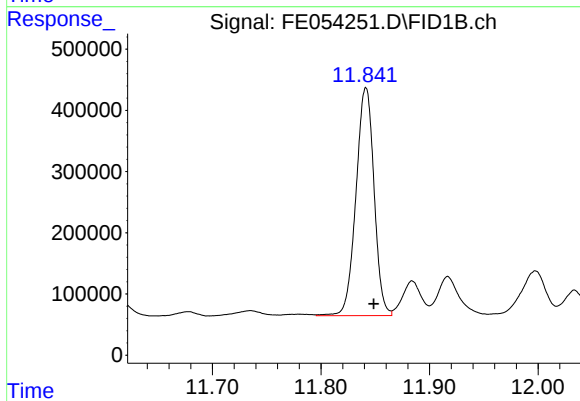
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: 0.002 min
Response: 432874
Conc: 3.21 ug/ml



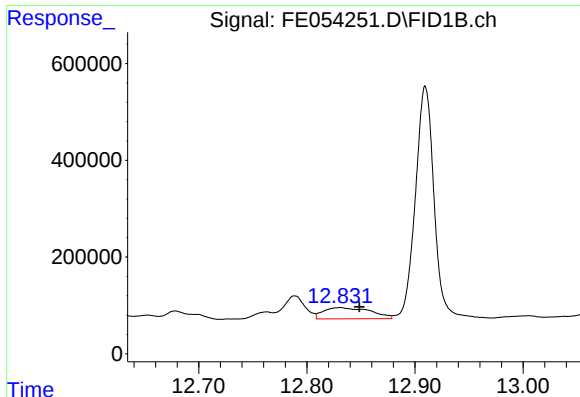
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.015 min
Response: 67770
Conc: 0.50 ug/ml



#9 ortho-Terphenyl (SURR)

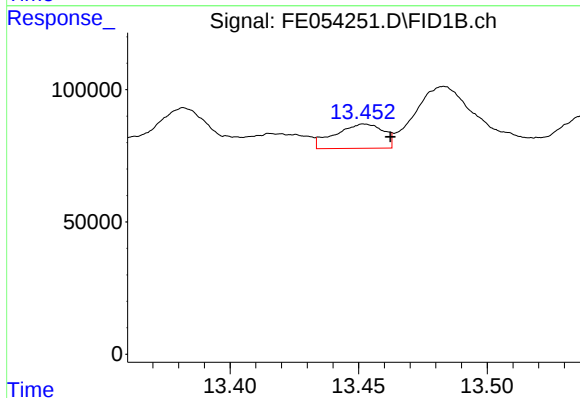
R.T.: 11.841 min
Delta R.T.: -0.007 min
Response: 4305146
Conc: 26.49 ug/ml



#10 n-Eicosane (C20)

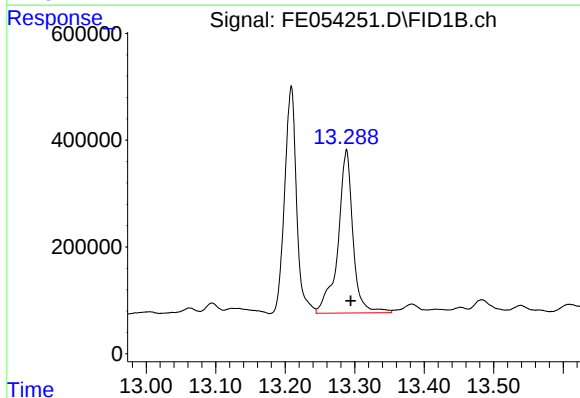
R.T.: 12.830 min
Delta R.T.: -0.018 min
Response: 702185
Conc: 5.34 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2



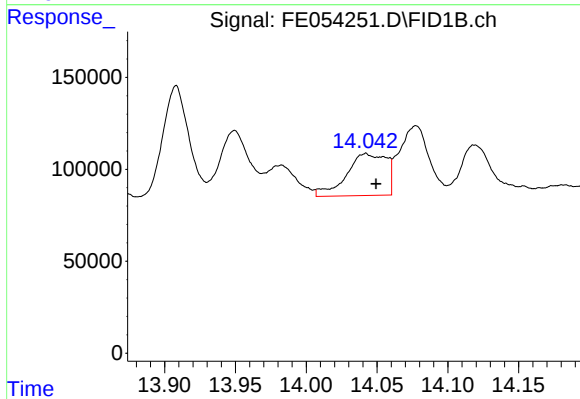
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.010 min
Response: 119796
Conc: 0.92 ug/ml



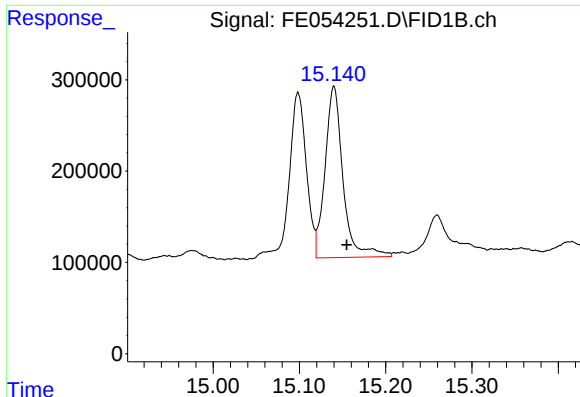
#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: -0.007 min
Response: 4576072
Conc: 38.60 ug/ml



#13 n-Docosane (C22)

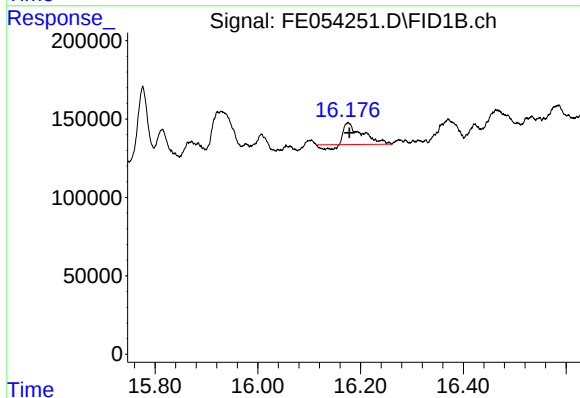
R.T.: 14.042 min
Delta R.T.: -0.007 min
Response: 445644
Conc: 3.49 ug/ml



#14 n-Tetracosane (C24)

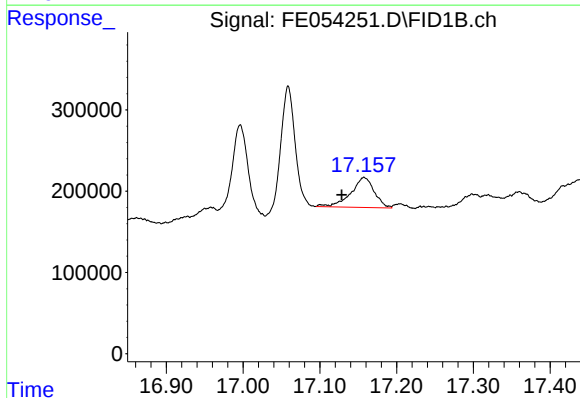
R.T.: 15.140 min
Delta R.T.: -0.015 min
Response: 2712965
Conc: 21.68 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2



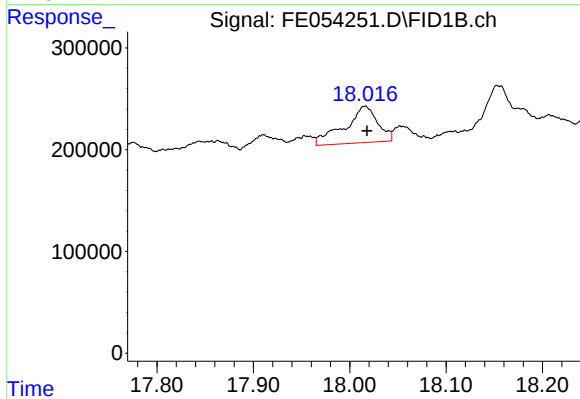
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: -0.002 min
Response: 311734
Conc: 2.55 ug/ml



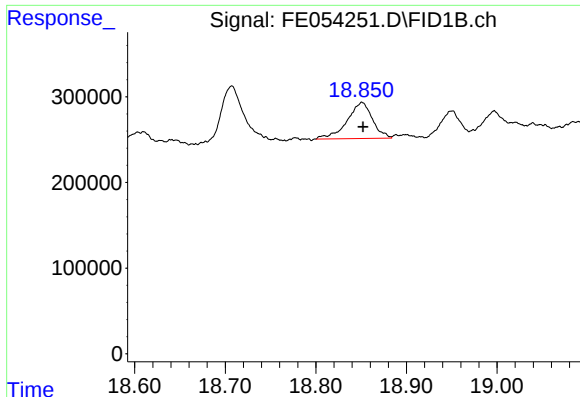
#16 n-Octacosane (C28)

R.T.: 17.158 min
Delta R.T.: 0.029 min
Response: 780124
Conc: 6.42 ug/ml



#17 n-Tricontane (C30)

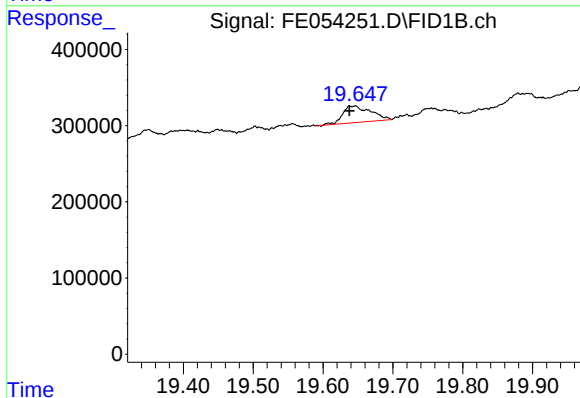
R.T.: 18.016 min
Delta R.T.: -0.002 min
Response: 856873
Conc: 6.88 ug/ml



#18 n-Dotriacontane (C32)

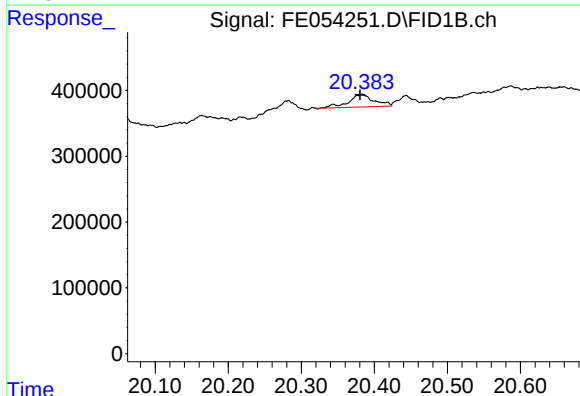
R.T.: 18.851 min
Delta R.T.: -0.001 min
Response: 816683
Conc: 6.53 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2



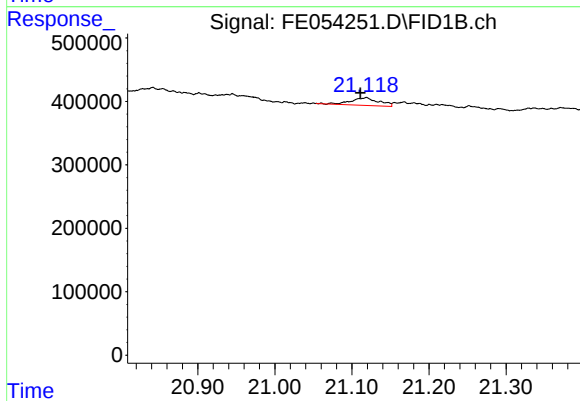
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.007 min
Response: 610420
Conc: 5.12 ug/ml



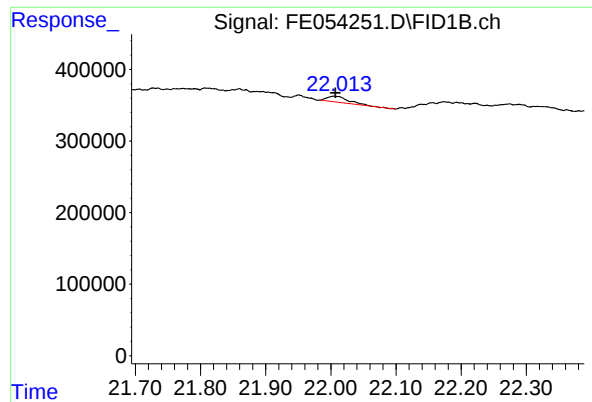
#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: 0.003 min
Response: 456917
Conc: 3.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.007 min
Response: 303788
Conc: 2.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.002 min
Response: 187483
Conc: 1.89 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2