

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
 Data File : FE044432.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2023 19:27
 Operator : YP\AJ
 Sample : 04567-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SE-SOIL-4MSD

Integration File: autoint1.e
 Quant Time: Sep 26 00:19:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.924	5197643	27.686 ug/ml
Spiked Amount 50.000		Recovery =	55.37%
12) S 1-chlorooctadecane (S...	13.363	4045232	29.735 ug/ml
Spiked Amount 50.000		Recovery =	59.47%
Target Compounds			
1) T n-Nonane (C9)	3.318	5070357	31.231 ug/ml
2) T n-Decane (C10)	4.568	5742697	34.680 ug/ml
3) T A~Naphthalene (C11.7)	6.265	6285580	35.157 ug/ml
4) T n-Dodecane (C12)	6.728	6135809	36.889 ug/ml
5) T A~2-methylnaphthalene...	7.361	6252424	36.545 ug/ml
6) T n-Tetradecane (C14)	8.557	6260005	38.132 ug/ml
7) T n-Hexadecane (C16)	10.164	6670874	39.378 ug/ml
8) T n-Octadecane (C18)	11.609	6993598	41.190 ug/ml
10) T n-Eicosane (C20)	12.920	7080897	44.011 ug/ml
11) T n-Heneicosane (C21)	13.533	6772307	43.250 ug/ml
13) T n-Docosane (C22)	14.119	6693279	43.397 ug/ml
14) T n-Tetracosane (C24)	15.221	4988997	33.003 ug/ml
15) T n-Hexacosane (C26)	16.247	6251261	42.498 ug/ml
16) T n-Octacosane (C28)	17.195	6127775	42.725 ug/ml
17) T n-Tricontane (C30)	18.085	6085080	41.051 ug/ml
18) T n-Dotriacontane (C32)	18.917	5981910	40.408 ug/ml
19) T n-Tetratriacontane (C34)	19.702	5913182	40.462 ug/ml
20) T n-Hexatriacontane (C36)	20.444	5827155	40.173 ug/ml
21) T n-Octatriacontane (C38)	21.186	6093416	40.680 ug/ml
22) T n-Tetracontane (C40)	22.107	6278247	39.783 ug/ml

(f)=RT Delta > 1/2 Window

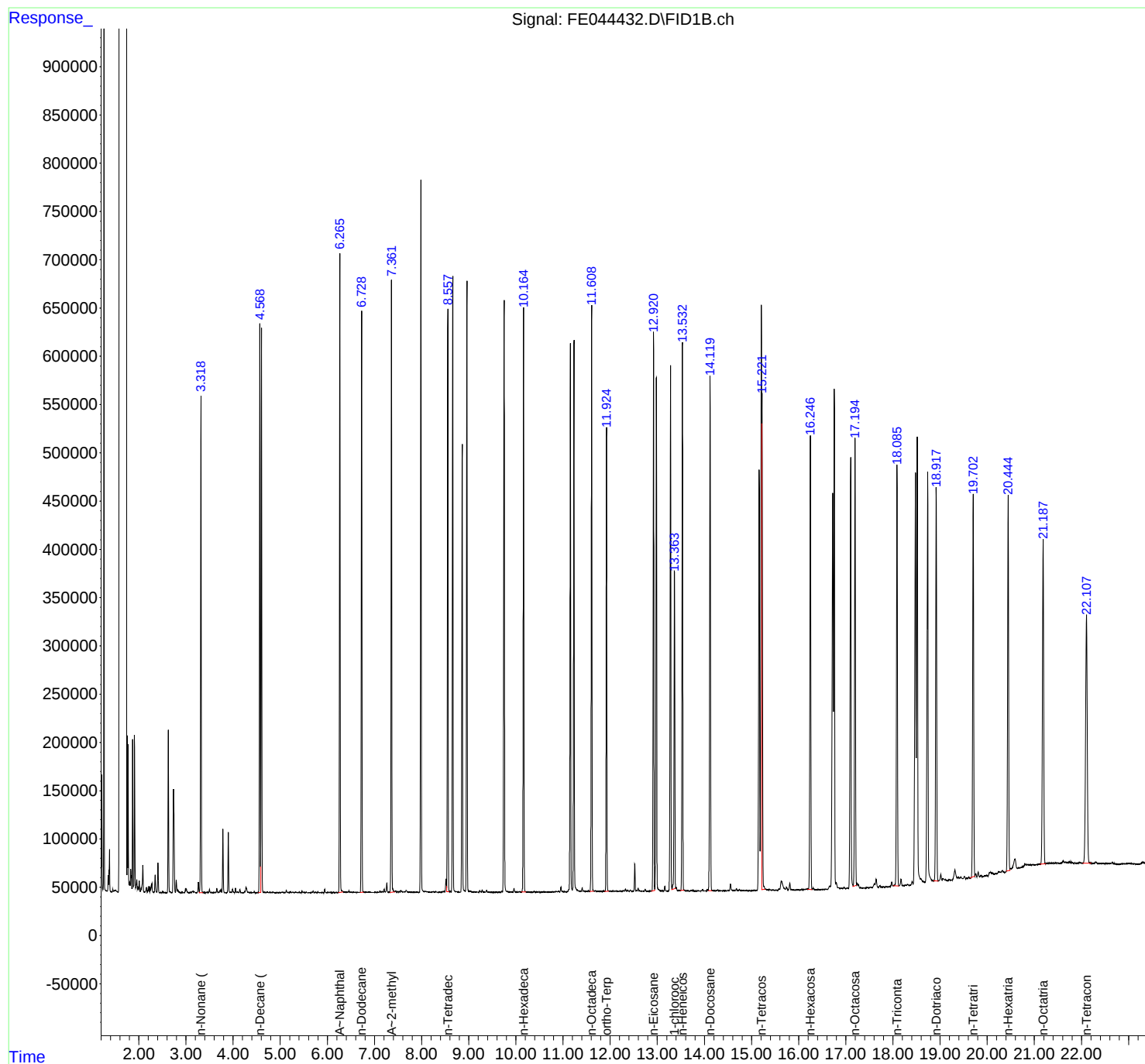
(m)=manual int.

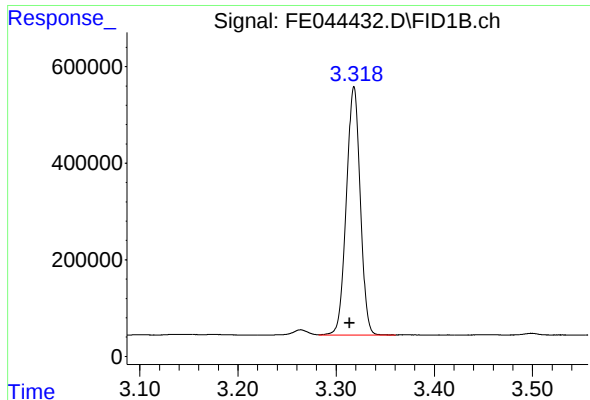
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
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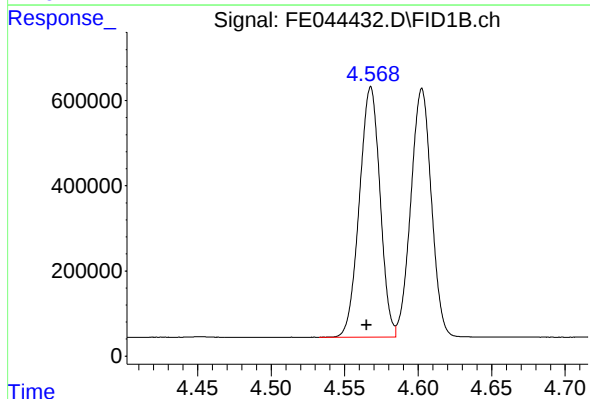




#1 n-Nonane (C9)

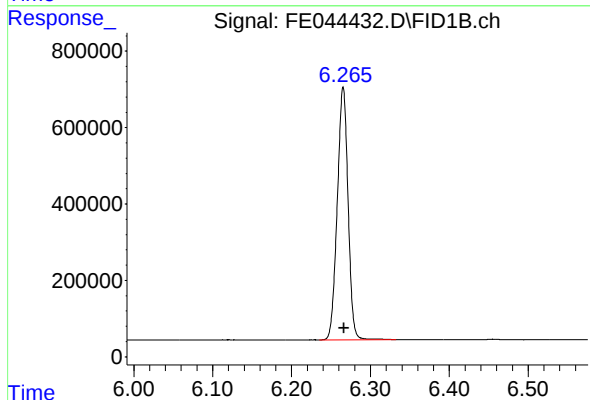
R.T.: 3.318 min
Delta R.T.: 0.004 min
Response: 5070357
Conc: 31.23 ug/ml

Instrument :
FID_E
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SE-SOIL-4MSD



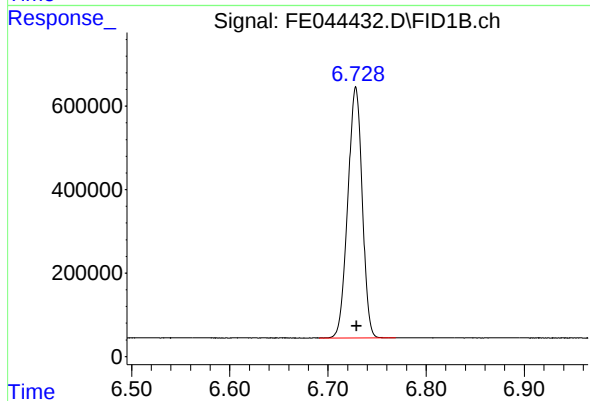
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.003 min
Response: 5742697
Conc: 34.68 ug/ml



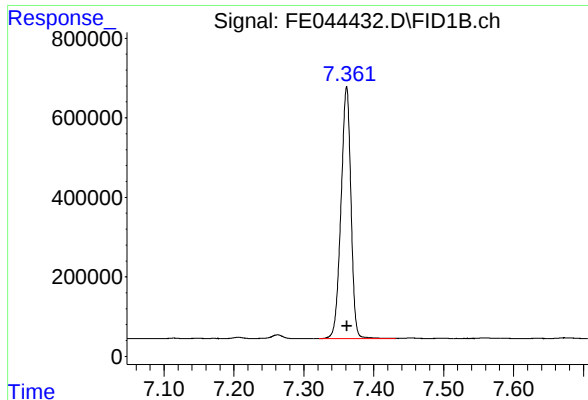
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.001 min
Response: 6285580
Conc: 35.16 ug/ml



#4 n-Dodecane (C12)

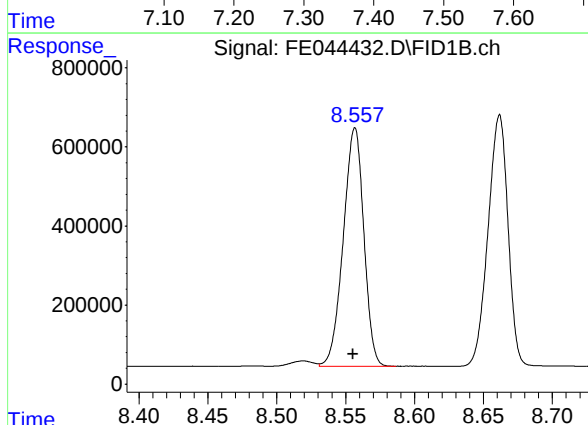
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 6135809
Conc: 36.89 ug/ml



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

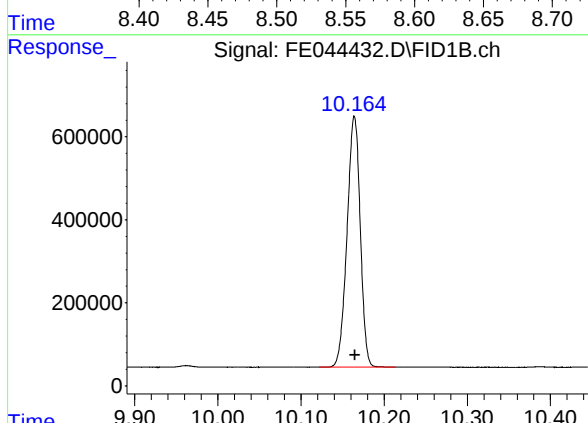
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 6252424
Conc: 36.54 ug/ml

Instrument :
FID_E
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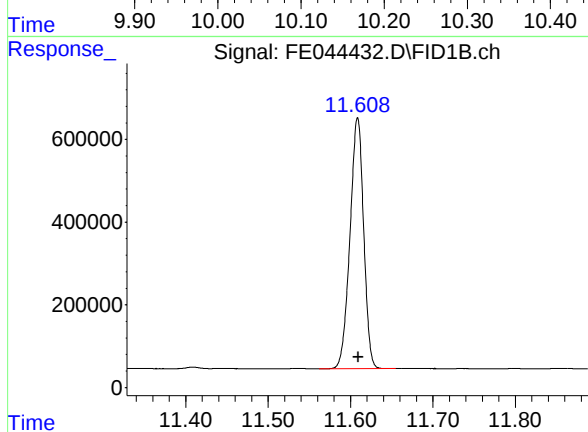
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.002 min
Response: 6260005
Conc: 38.13 ug/ml



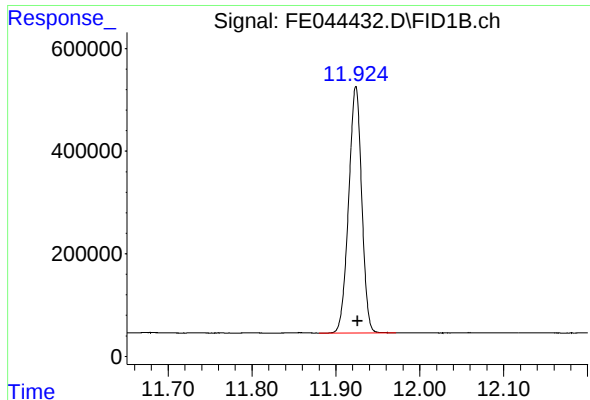
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 6670874
Conc: 39.38 ug/ml



#8 n-Octadecane (C18)

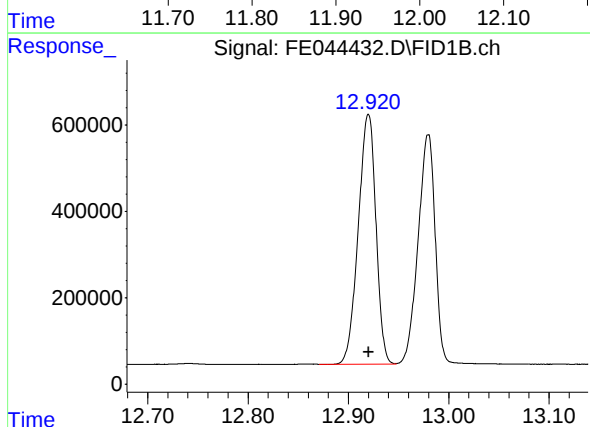
R.T.: 11.609 min
Delta R.T.: 0.000 min
Response: 6993598
Conc: 41.19 ug/ml



#9 ortho-Terphenyl (SURR)

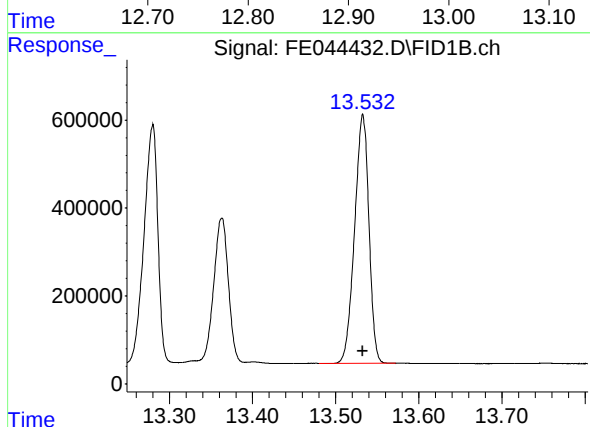
R.T.: 11.924 min
Delta R.T.: -0.002 min
Response: 5197643
Conc: 27.69 ug/ml

Instrument :
FID_E
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SE-SOIL-4MSD



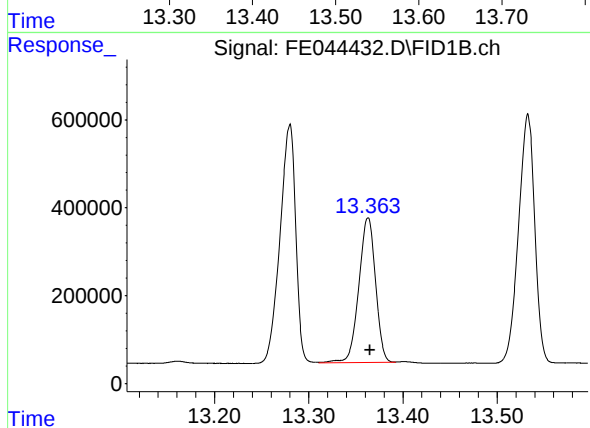
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 7080897
Conc: 44.01 ug/ml



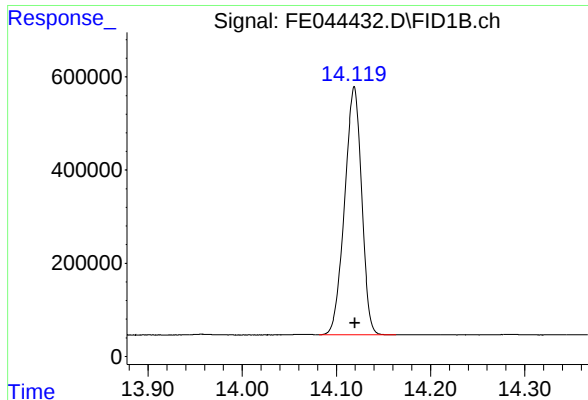
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.000 min
Response: 6772307
Conc: 43.25 ug/ml



#12 1-chlorooctadecane (SURR)

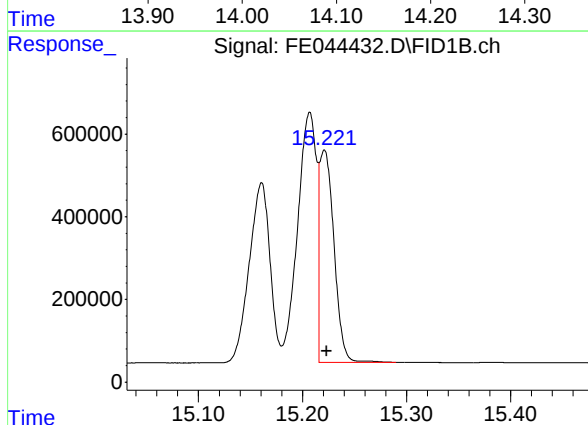
R.T.: 13.363 min
Delta R.T.: -0.002 min
Response: 4045232
Conc: 29.73 ug/ml



#13 n-Docosane (C22)

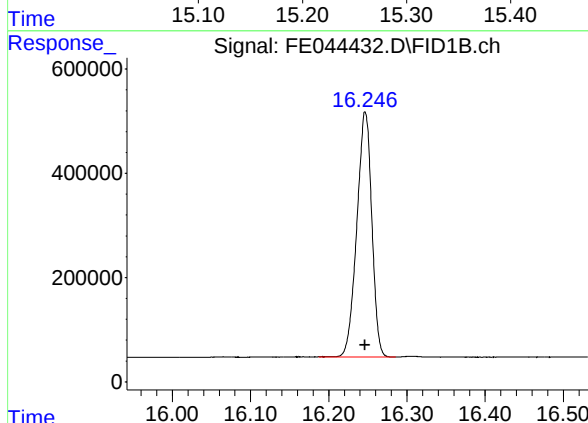
R.T.: 14.119 min
Delta R.T.: 0.000 min
Response: 6693279
Conc: 43.40 ug/ml

Instrument :
FID_E
ClientSampleId :
SE-SOIL-4MSD



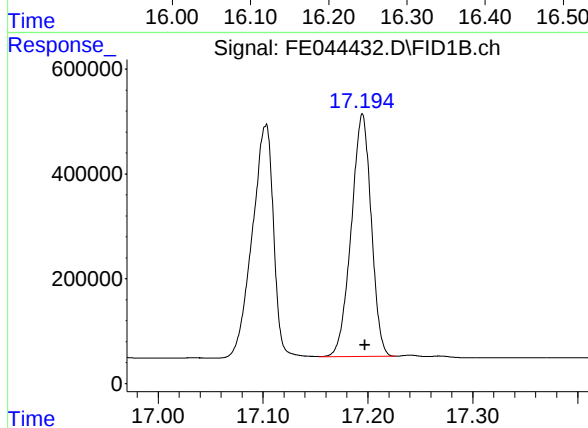
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.002 min
Response: 4988997
Conc: 33.00 ug/ml



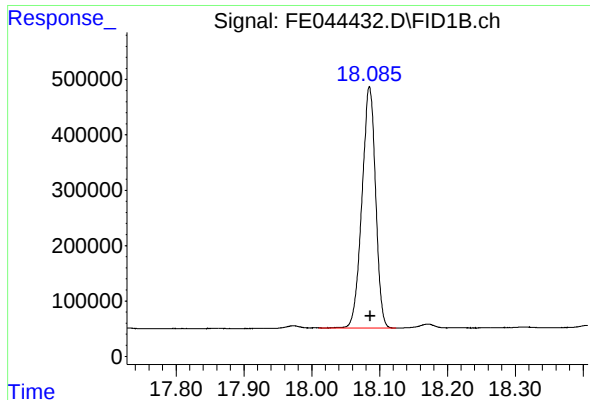
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.000 min
Response: 6251261
Conc: 42.50 ug/ml



#16 n-Octacosane (C28)

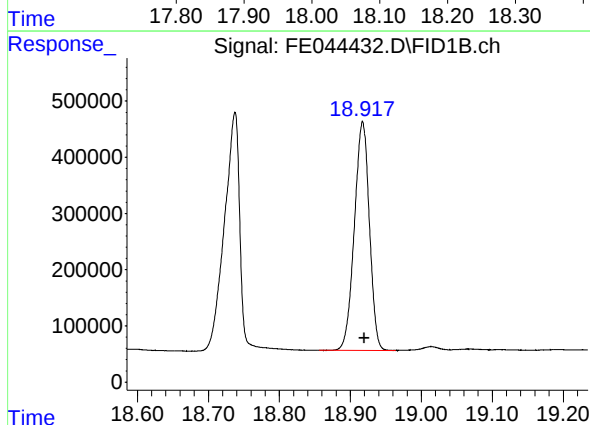
R.T.: 17.195 min
Delta R.T.: -0.002 min
Response: 6127775
Conc: 42.73 ug/ml



#17 n-Tricontane (C30)

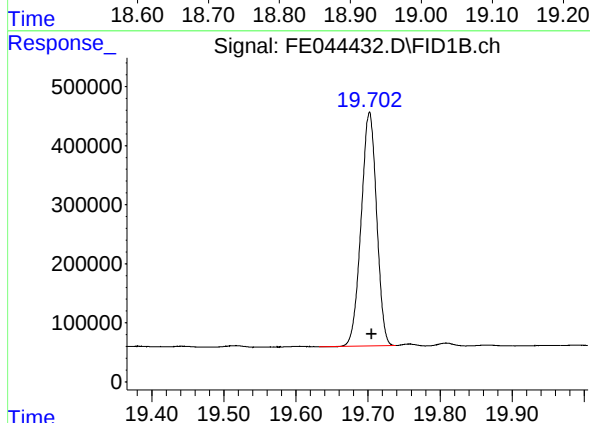
R.T.: 18.085 min
Delta R.T.: -0.001 min
Response: 6085080
Conc: 41.05 ug/ml

Instrument :
FID_E
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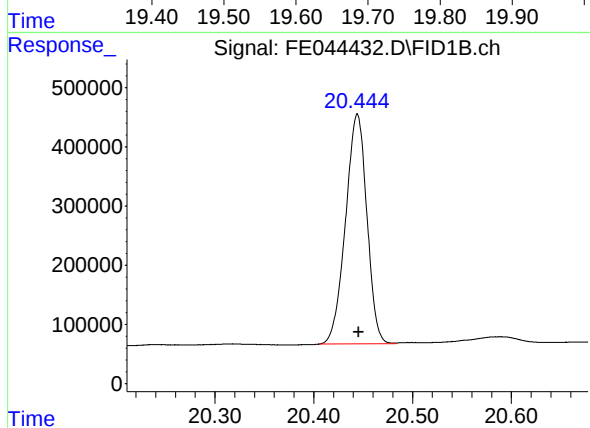
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.002 min
Response: 5981910
Conc: 40.41 ug/ml



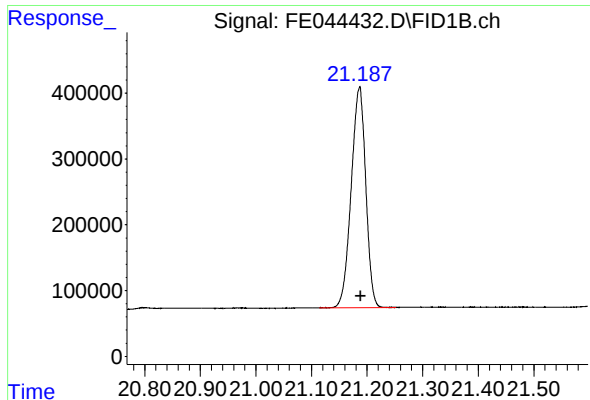
#19 n-Tetatriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.003 min
Response: 5913182
Conc: 40.46 ug/ml



#20 n-Hexatriacontane (C36)

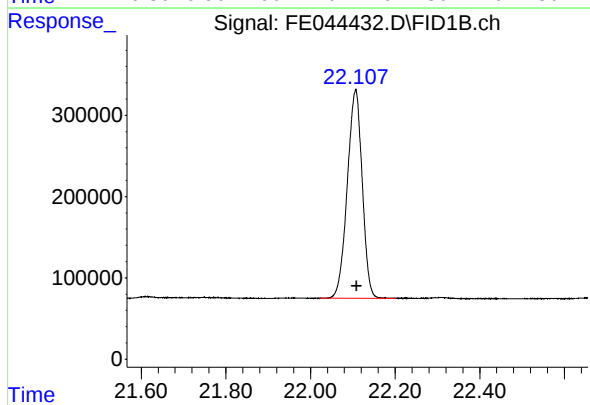
R.T.: 20.444 min
Delta R.T.: -0.001 min
Response: 5827155
Conc: 40.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.002 min
Response: 6093416
Conc: 40.68 ug/ml

Instrument :
FID_E
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SE-SOIL-4MSD



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.002 min
Response: 6278247
Conc: 39.78 ug/ml