

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041223AL\
 Data File : FE041327.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2023 13:24
 Operator : YP\AJ
 Sample : 02213-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 13 01:10:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.836	1238813	6.592 ug/ml
Spiked Amount 50.000		Recovery =	13.18%
12) S 1-chlorooctadecane (S...	13.278	8947501	62.187 ug/ml
Spiked Amount 50.000		Recovery =	124.37%
Target Compounds			
1) T n-Nonane (C9)	3.239	266155	1.534 ug/ml
2) T n-Decane (C10)	4.485	331331	1.947 ug/ml
4) T n-Dodecane (C12)	6.649	440909	2.542 ug/ml
6) T n-Tetradecane (C14)	8.474	450507	2.584 ug/ml
7) T n-Hexadecane (C16)	10.080	457432	2.572 ug/ml
8) T n-Octadecane (C18)	11.521	513934	2.878 ug/ml
10) T n-Eicosane (C20)	12.829	516060	3.025 ug/ml
11) T n-Heneicosane (C21)	13.442	462488	2.734 ug/ml
13) T n-Docosane (C22)	14.028	527418	3.187 ug/ml
14) T n-Tetracosane (C24)	15.132	557301	3.445 ug/ml
15) T n-Hexacosane (C26)	16.153	555970	3.587 ug/ml
16) T n-Octacosane (C28)	17.104	605782	3.955 ug/ml
17) T n-Tricontane (C30)	17.994	691815	4.526 ug/ml
18) T n-Dotriacontane (C32)	18.827	594455	3.807 ug/ml
19) T n-Tetratriacontane (C34)	19.612	224090	1.446 ug/ml
20) T n-Hexatriacontane (C36)	20.353	544645	3.586 ug/ml
21) T n-Octatriacontane (C38)	21.077	77064	0.493 ug/ml
22) T n-Tetracontane (C40)	21.954	515030	3.227 ug/ml

(f)=RT Delta > 1/2 Window

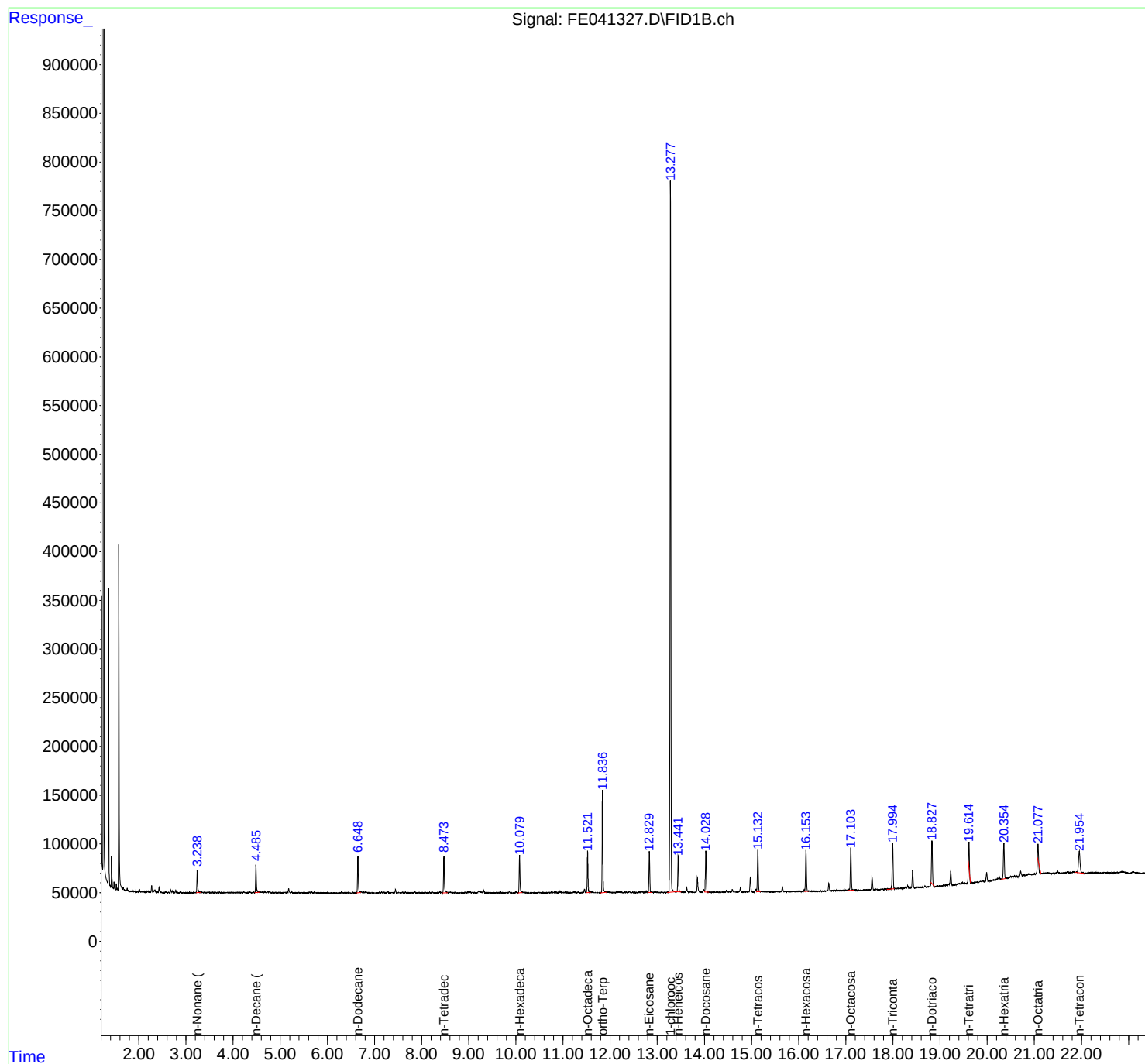
(m)=manual int.

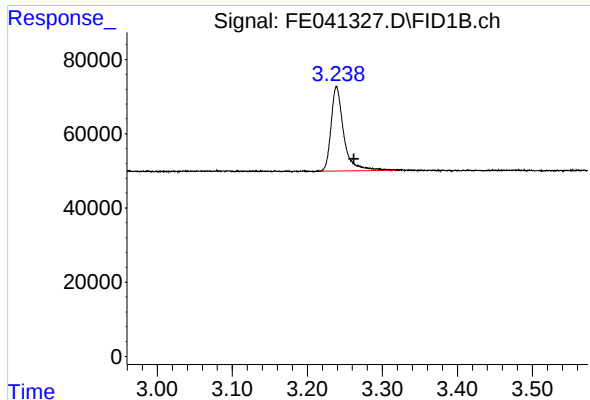
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041223AL\
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:32:15 2023
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

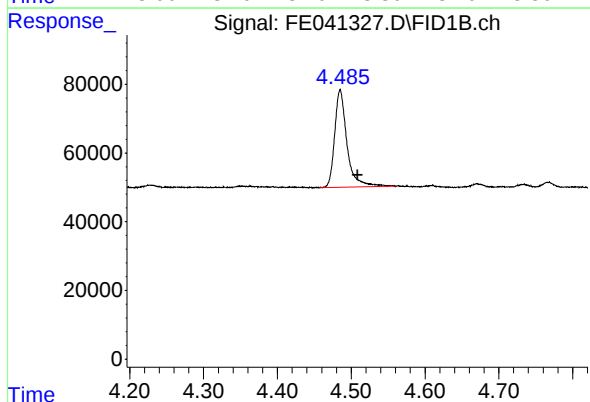




#1 n-Nonane (C9)

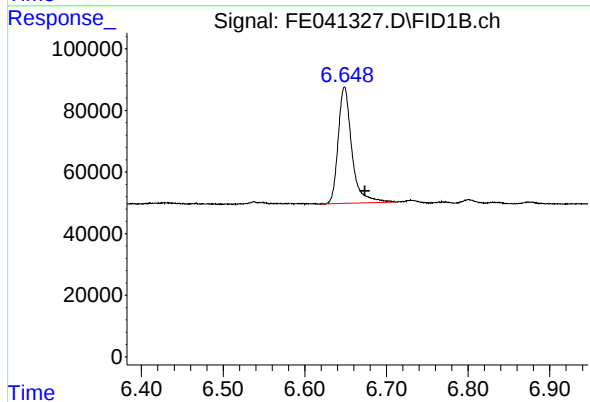
R.T.: 3.239 min
Delta R.T.: -0.023 min
Response: 266155
Conc: 1.53 ug/ml

Instrument :
FID_E
ClientSampleId :



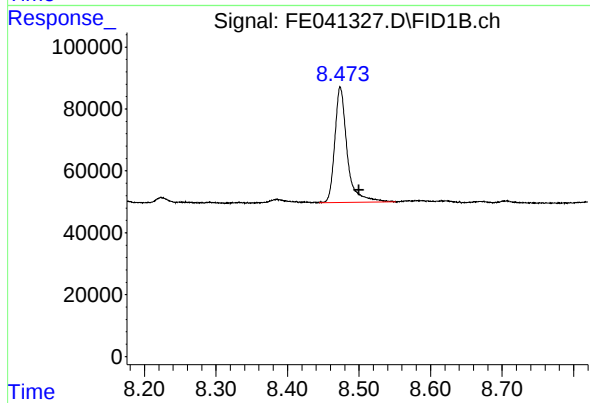
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.024 min
Response: 331331
Conc: 1.95 ug/ml



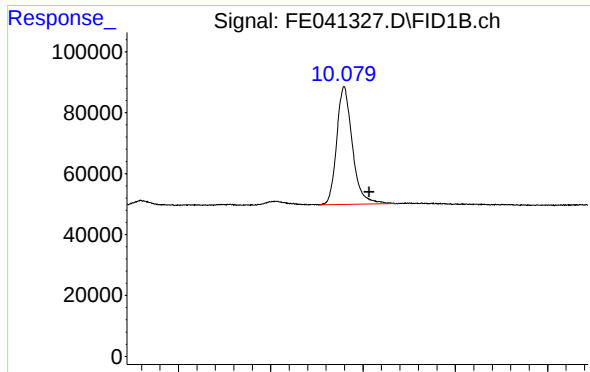
#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.025 min
Response: 440909
Conc: 2.54 ug/ml



#6 n-Tetradecane (C14)

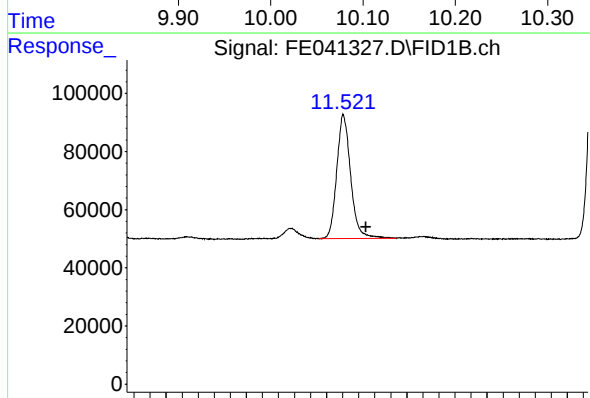
R.T.: 8.474 min
Delta R.T.: -0.026 min
Response: 450507
Conc: 2.58 ug/ml



#7 n-Hexadecane (C16)

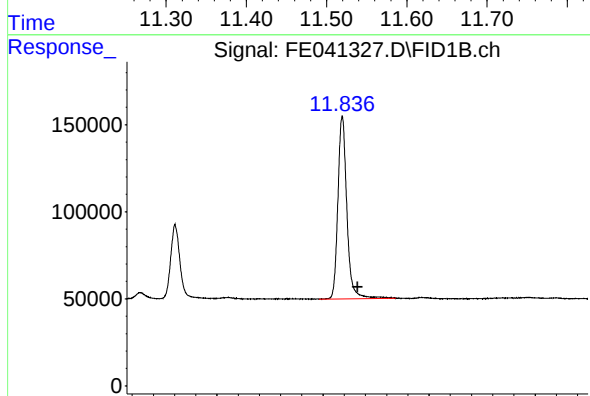
R.T.: 10.080 min
Delta R.T.: -0.027 min
Response: 457432
Conc: 2.57 ug/ml

Instrument :
FID_E
ClientSampleId :



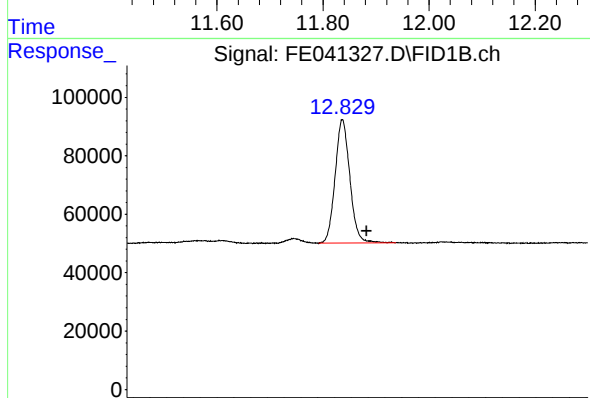
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.028 min
Response: 513934
Conc: 2.88 ug/ml



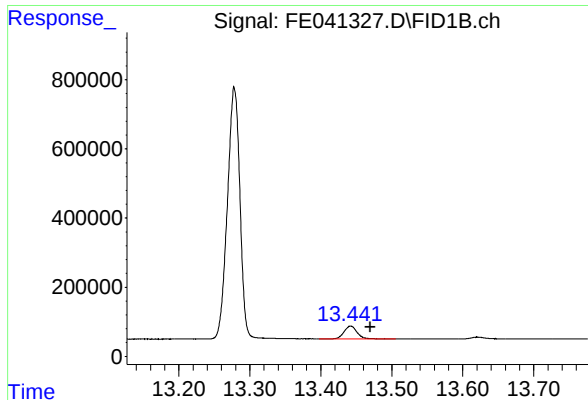
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.029 min
Response: 1238813
Conc: 6.59 ug/ml



#10 n-Eicosane (C20)

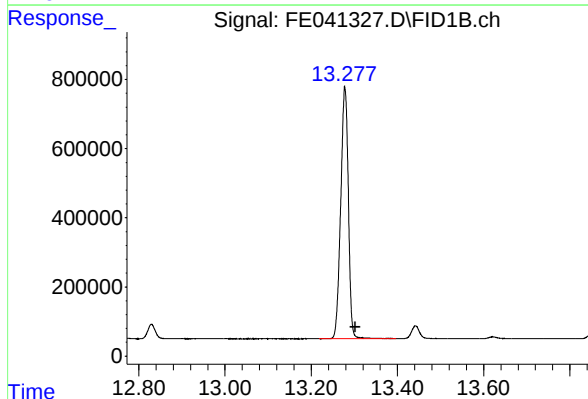
R.T.: 12.829 min
Delta R.T.: -0.029 min
Response: 516060
Conc: 3.03 ug/ml



#11 n-Heneicosane (C21)

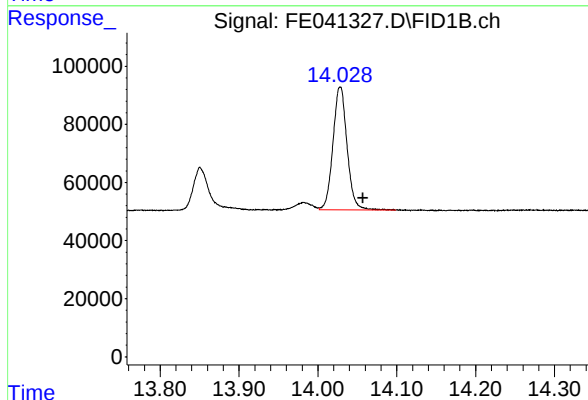
R.T.: 13.442 min
Delta R.T.: -0.028 min
Response: 462488
Conc: 2.73 ug/ml

Instrument :
FID_E
ClientSampleId :



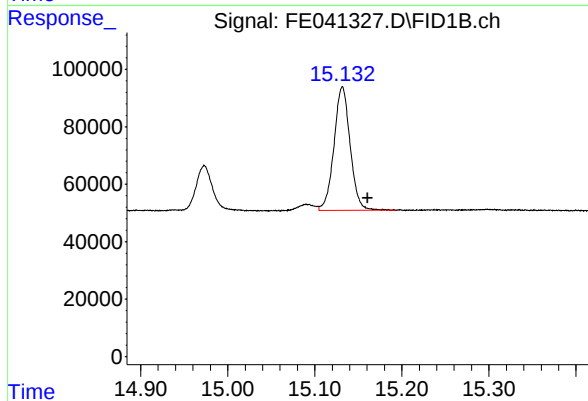
#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.024 min
Response: 8947501
Conc: 62.19 ug/ml



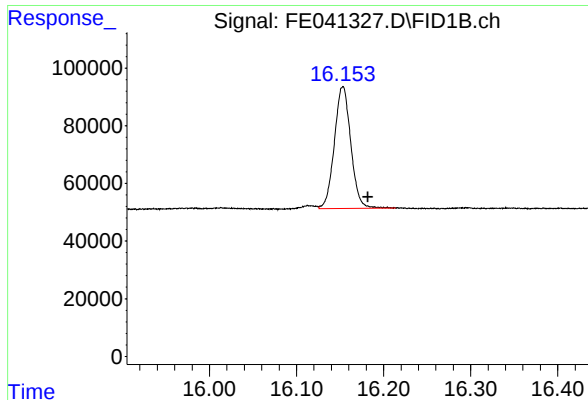
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.029 min
Response: 527418
Conc: 3.19 ug/ml



#14 n-Tetracosane (C24)

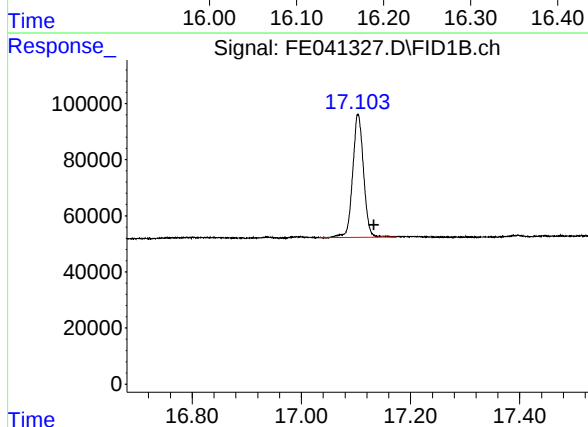
R.T.: 15.132 min
Delta R.T.: -0.029 min
Response: 557301
Conc: 3.44 ug/ml



#15 n-Hexacosane (C26)

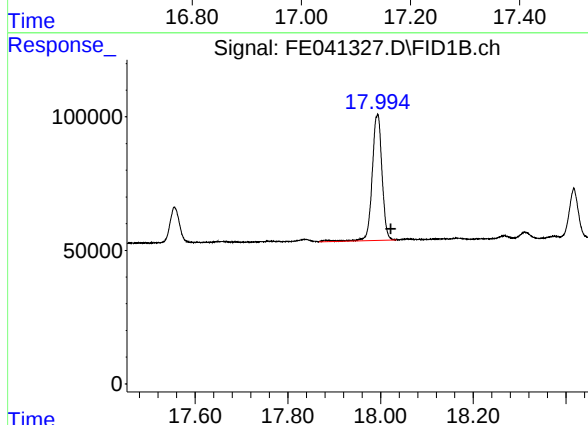
R.T.: 16.153 min
Delta R.T.: -0.029 min
Response: 555970
Conc: 3.59 ug/ml

Instrument :
FID_E
ClientSampleId :



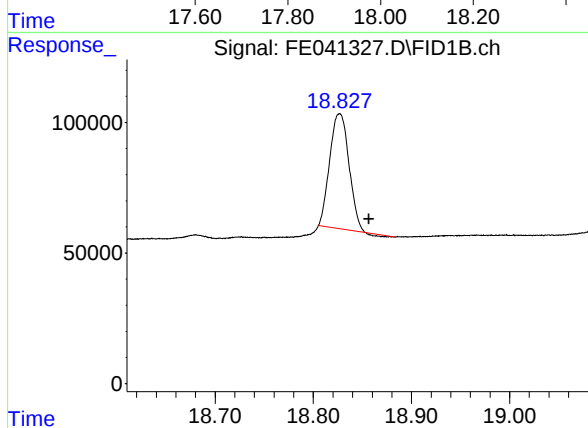
#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.029 min
Response: 605782
Conc: 3.95 ug/ml



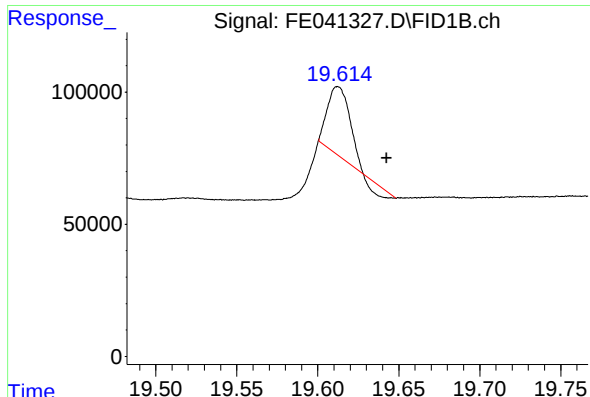
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.029 min
Response: 691815
Conc: 4.53 ug/ml



#18 n-Dotriacontane (C32)

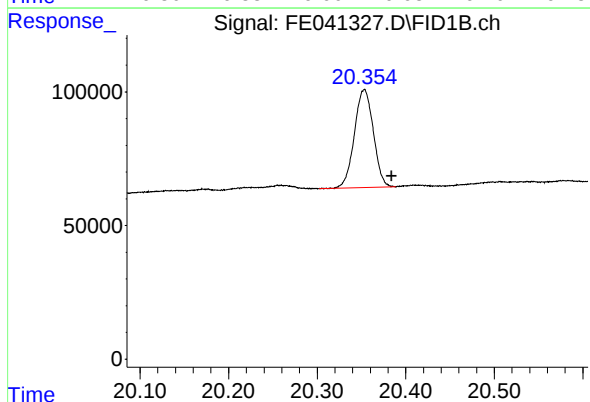
R.T.: 18.827 min
Delta R.T.: -0.030 min
Response: 594455
Conc: 3.81 ug/ml



#19 n-Tetratriacontane (C34)

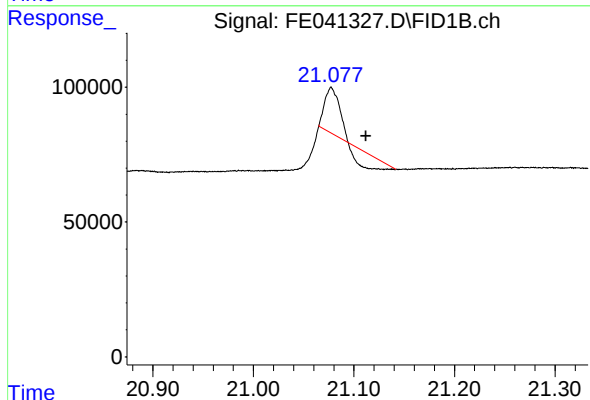
R.T.: 19.612 min
Delta R.T.: -0.030 min
Response: 224090
Conc: 1.45 ug/ml

Instrument :
FID_E
ClientSampleId :



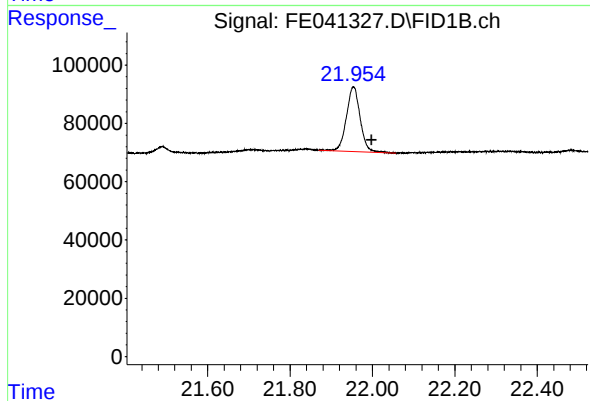
#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.031 min
Response: 544645
Conc: 3.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.035 min
Response: 77064
Conc: 0.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: -0.044 min
Response: 515030
Conc: 3.23 ug/ml