

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040325AL\
 Data File : FE053167.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2025 17:55
 Operator : YP\AJ
 Sample : Q1694-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-18MSD

Integration File: autoint1.e
 Quant Time: Apr 04 04:09:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.892	5625931	34.540 ug/ml
Spiked Amount 50.000		Recovery =	69.08%
12) S 1-chlorooctadecane (S...	13.336	4331963	36.086 ug/ml
Spiked Amount 50.000		Recovery =	72.17%
Target Compounds			
1) T n-Nonane (C9)	3.234	4908795	31.702 ug/ml
2) T n-Decane (C10)	4.499	5605924	35.739 ug/ml
3) T A~Naphthalene (C11.7)	6.211	6387808	38.025 ug/ml
4) T n-Dodecane (C12)	6.680	6238852	39.891 ug/ml
5) T A~2-methylnaphthalene...	7.313	6038859	37.847 ug/ml
6) T n-Tetradecane (C14)	8.517	6536555	42.690 ug/ml
7) T n-Hexadecane (C16)	10.130	6839195	44.368 ug/ml
8) T n-Octadecane (C18)	11.578	6809302	44.897 ug/ml
10) T n-Eicosane (C20)	12.892	6878749	48.246 ug/ml
11) T n-Heneicosane (C21)	13.506	6539960	47.128 ug/ml
13) T n-Docosane (C22)	14.094	6479798	47.313 ug/ml
14) T n-Tetracosane (C24)	15.189	13394562	99.176 ug/ml
15) T n-Hexacosane (C26)	16.225	6339758	47.522 ug/ml
16) T n-Octacosane (C28)	17.175	6574513	49.819 ug/ml
17) T n-Tricontane (C30)	18.066	6405307	47.258 ug/ml
18) T n-Dotriacontane (C32)	18.898	6430516	47.788 ug/ml
19) T n-Tetratriacontane (C34)	19.685	6676573	51.598 ug/ml
20) T n-Hexatriacontane (C36)	20.425	6607947	55.627 ug/ml
21) T n-Octatriacontane (C38)	21.164	6924747	60.248 ug/ml
22) T n-Tetracontane (C40)	22.078	6788774	60.445 ug/ml

(f)=RT Delta > 1/2 Window

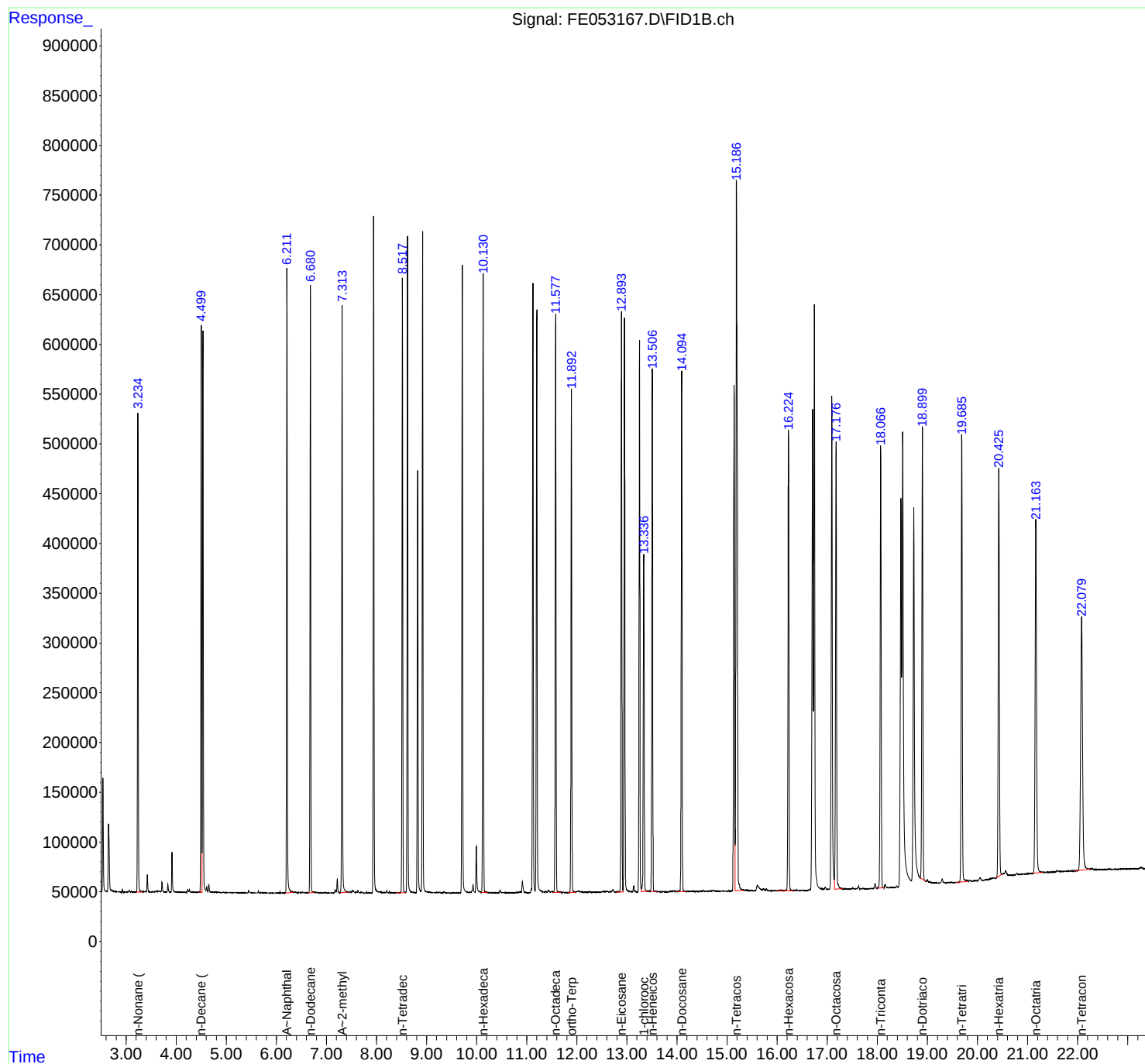
(m)=manual int.

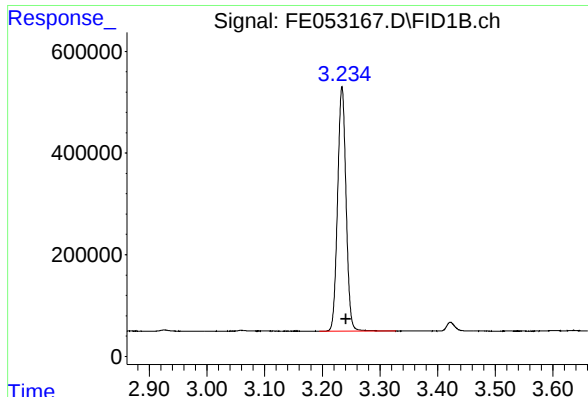
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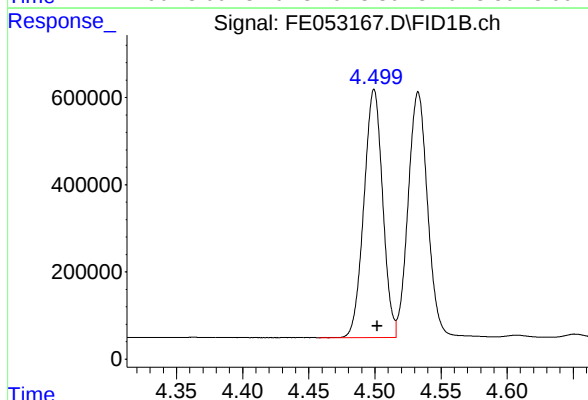




#1 n-Nonane (C9)

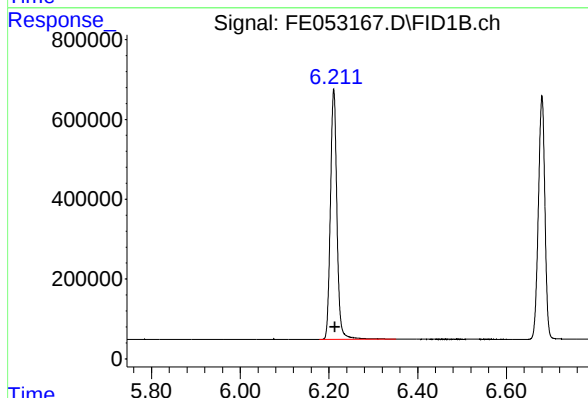
R.T.: 3.234 min
Delta R.T.: -0.007 min
Response: 4908795
Conc: 31.70 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-18MSD



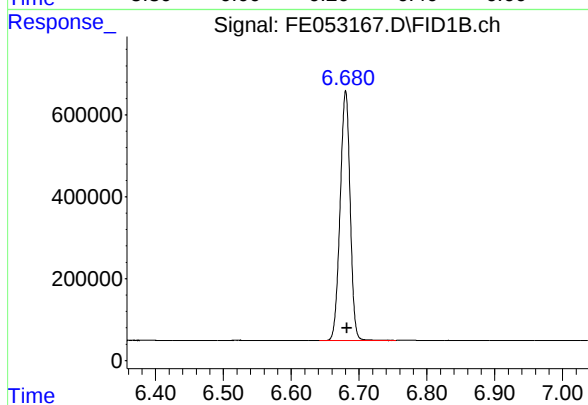
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.003 min
Response: 5605924
Conc: 35.74 ug/ml



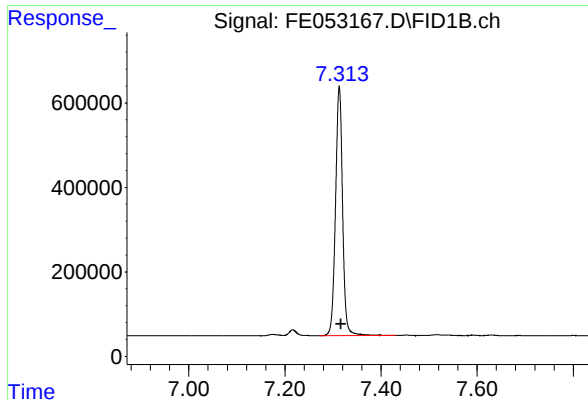
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 6387808
Conc: 38.02 ug/ml



#4 n-Dodecane (C12)

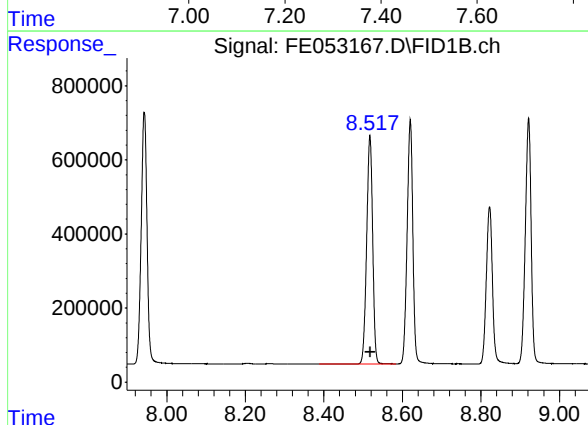
R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 6238852
Conc: 39.89 ug/ml



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

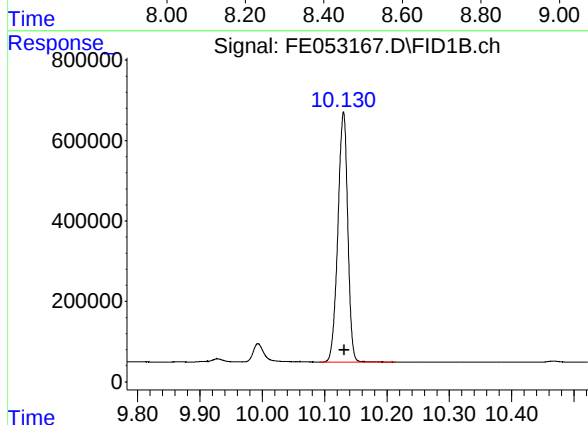
R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 6038859
Conc: 37.85 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-18MSD



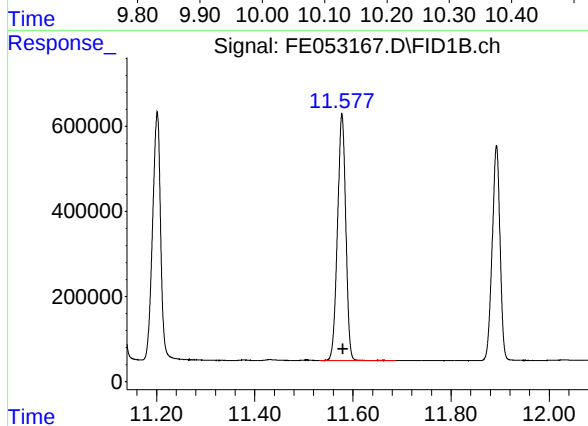
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 6536555
Conc: 42.69 ug/ml



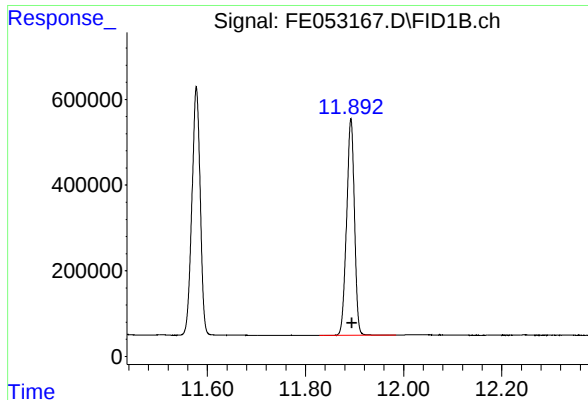
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 6839195
Conc: 44.37 ug/ml



#8 n-Octadecane (C18)

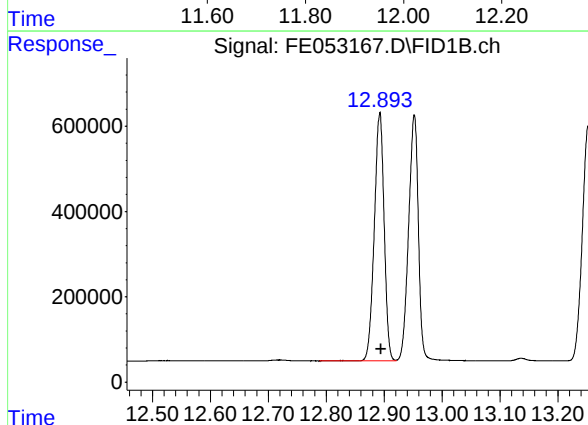
R.T.: 11.578 min
Delta R.T.: -0.003 min
Response: 6809302
Conc: 44.90 ug/ml



#9 ortho-Terphenyl (SURR)

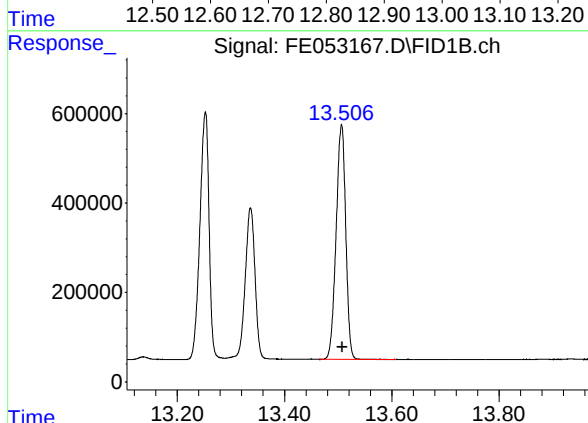
R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 5625931
Conc: 34.54 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-18MSD



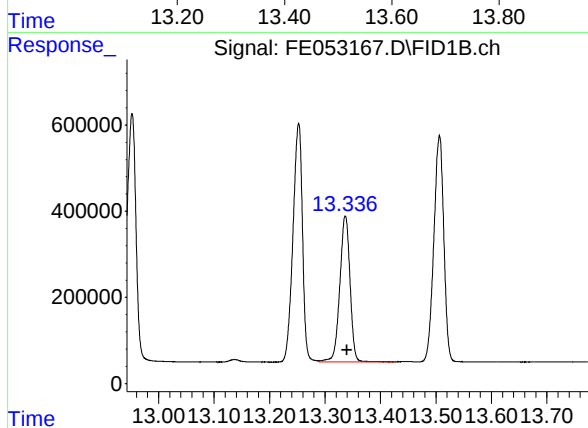
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 6878749
Conc: 48.25 ug/ml



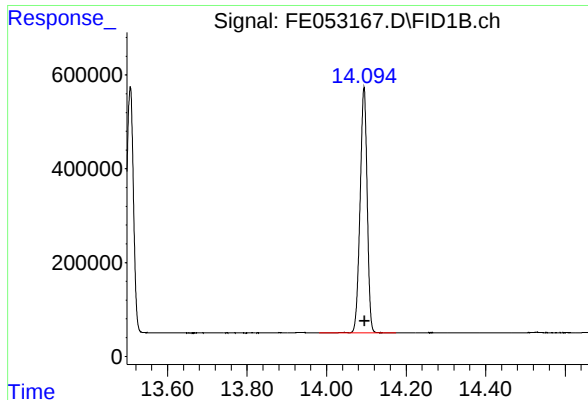
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.002 min
Response: 6539960
Conc: 47.13 ug/ml



#12 1-chlorooctadecane (SURR)

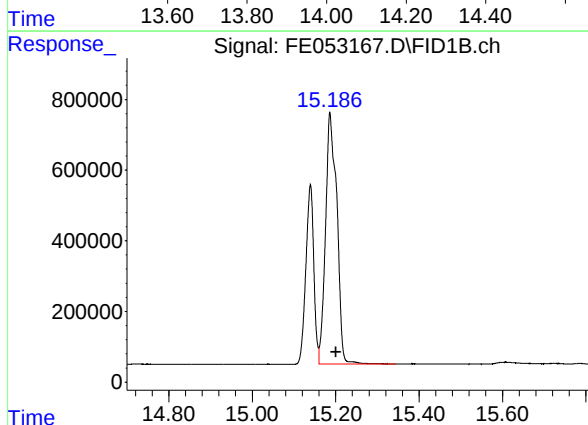
R.T.: 13.336 min
Delta R.T.: -0.003 min
Response: 4331963
Conc: 36.09 ug/ml



#13 n-Docosane (C22)

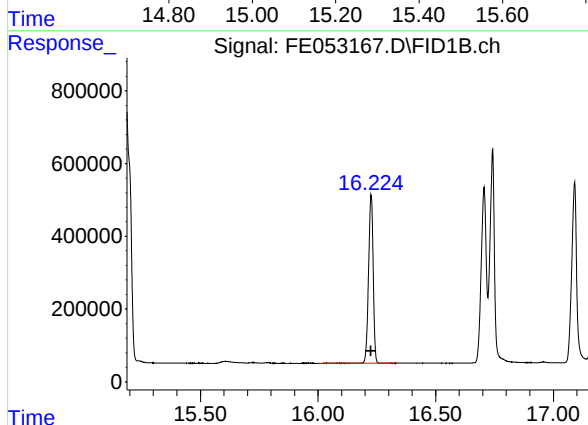
R.T.: 14.094 min
Delta R.T.: -0.002 min
Response: 6479798
Conc: 47.31 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-18MSD



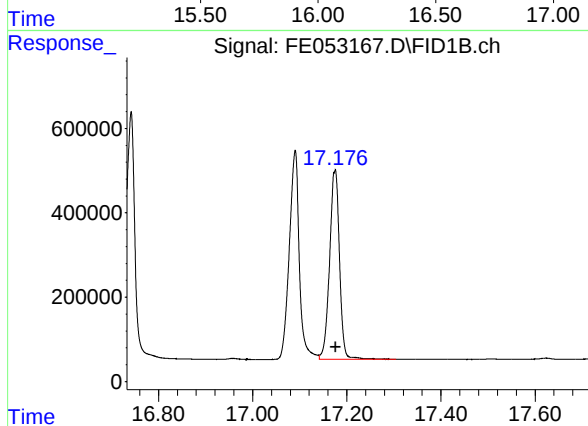
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.013 min
Response: 13394562
Conc: 99.18 ug/ml



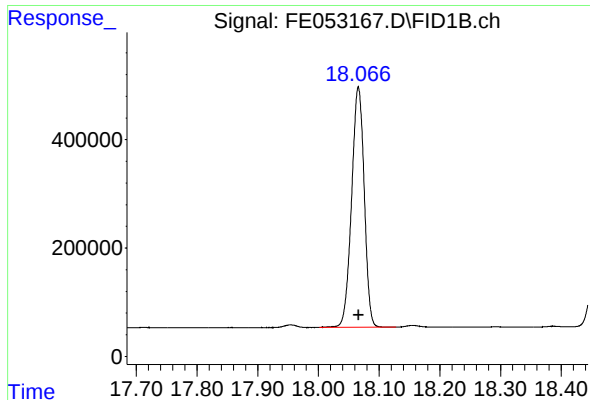
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 6339758
Conc: 47.52 ug/ml



#16 n-Octacosane (C28)

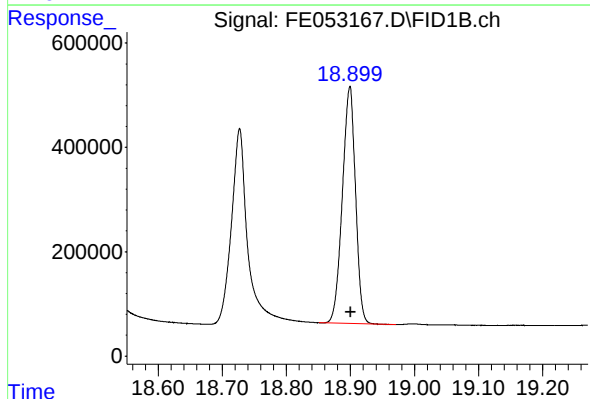
R.T.: 17.175 min
Delta R.T.: -0.002 min
Response: 6574513
Conc: 49.82 ug/ml



#17 n-Tricontane (C30)

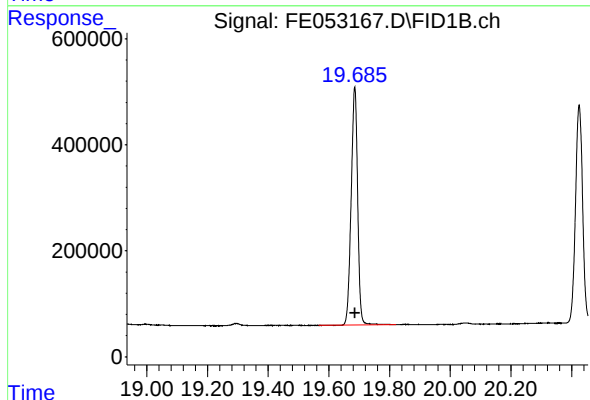
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 6405307
Conc: 47.26 ug/ml

Instrument :
FID_E
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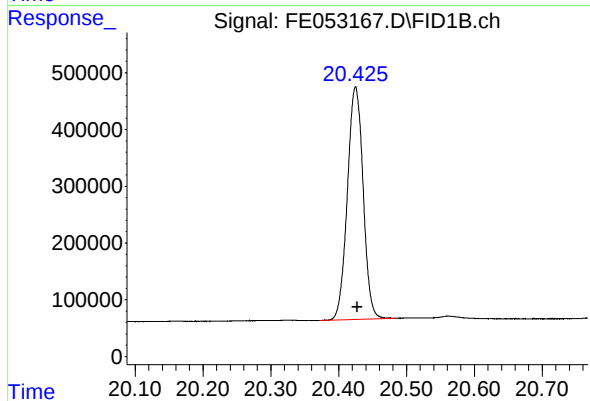
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.002 min
Response: 6430516
Conc: 47.79 ug/ml



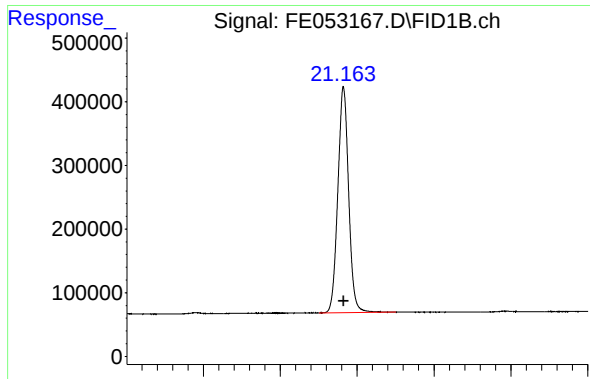
#19 n-Tetatriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.001 min
Response: 6676573
Conc: 51.60 ug/ml



#20 n-Hexatriacontane (C36)

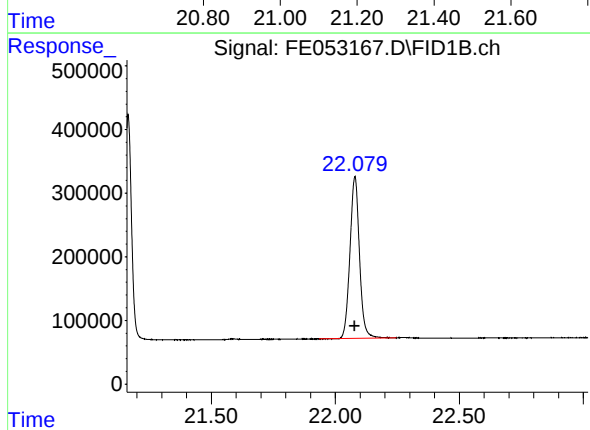
R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 6607947
Conc: 55.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.000 min
Response: 6924747
Conc: 60.25 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-18MSD



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: 0.000 min
Response: 6788774
Conc: 60.44 ug/ml