

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
 Data File : FE053809.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2025 10:18
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 14 11:26:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 11:26:41 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)	11.854	7743091	48.732 ug/ml
Spiked Amount 50.000		Recovery =	97.46%
12) S 1-chlorooctadecane (S...	13.298	5688678	48.765 ug/ml
Spiked Amount 50.000		Recovery =	97.53%
Target Compounds			
1) T n-Nonane (C9)	3.203	6521797	48.750 ug/ml
2) T n-Decane (C10)	4.464	6543240	48.722 ug/ml
3) T A~Naphthalene (C11.7)	6.175	7153409	48.905 ug/ml
4) T n-Dodecane (C12)	6.644	6609385	48.735 ug/ml
5) T A~2-methylnaphthalene...	7.277	6992834	49.077 ug/ml
6) T n-Tetradecane (C14)	8.480	6512008	48.749 ug/ml
7) T n-Hexadecane (C16)	10.092	6497275	48.746 ug/ml
8) T n-Octadecane (C18)	11.539	6432292	48.694 ug/ml
10) T n-Eicosane (C20)	12.852	6253018	48.695 ug/ml
11) T n-Heneicosane (C21)	13.466	6168358	48.727 ug/ml
13) T n-Docosane (C22)	14.053	6073373	48.706 ug/ml
14) T n-Tetracosane (C24)	15.158	5946887	48.690 ug/ml
15) T n-Hexacosane (C26)	16.181	5815252	48.671 ug/ml
16) T n-Octacosane (C28)	17.132	5702740	48.609 ug/ml
17) T n-Tricontane (C30)	18.021	5742679	48.496 ug/ml
18) T n-Dotriacontane (C32)	18.855	5718405	48.389 ug/ml
19) T n-Tetratriacontane (C34)	19.641	5539154	48.563 ug/ml
20) T n-Hexatriacontane (C36)	20.383	5509173	48.866 ug/ml
21) T n-Octatriacontane (C38)	21.116	5288032	48.935 ug/ml
22) T n-Tetracontane (C40)	22.013	5048422	49.296 ug/ml

(f)=RT Delta > 1/2 Window

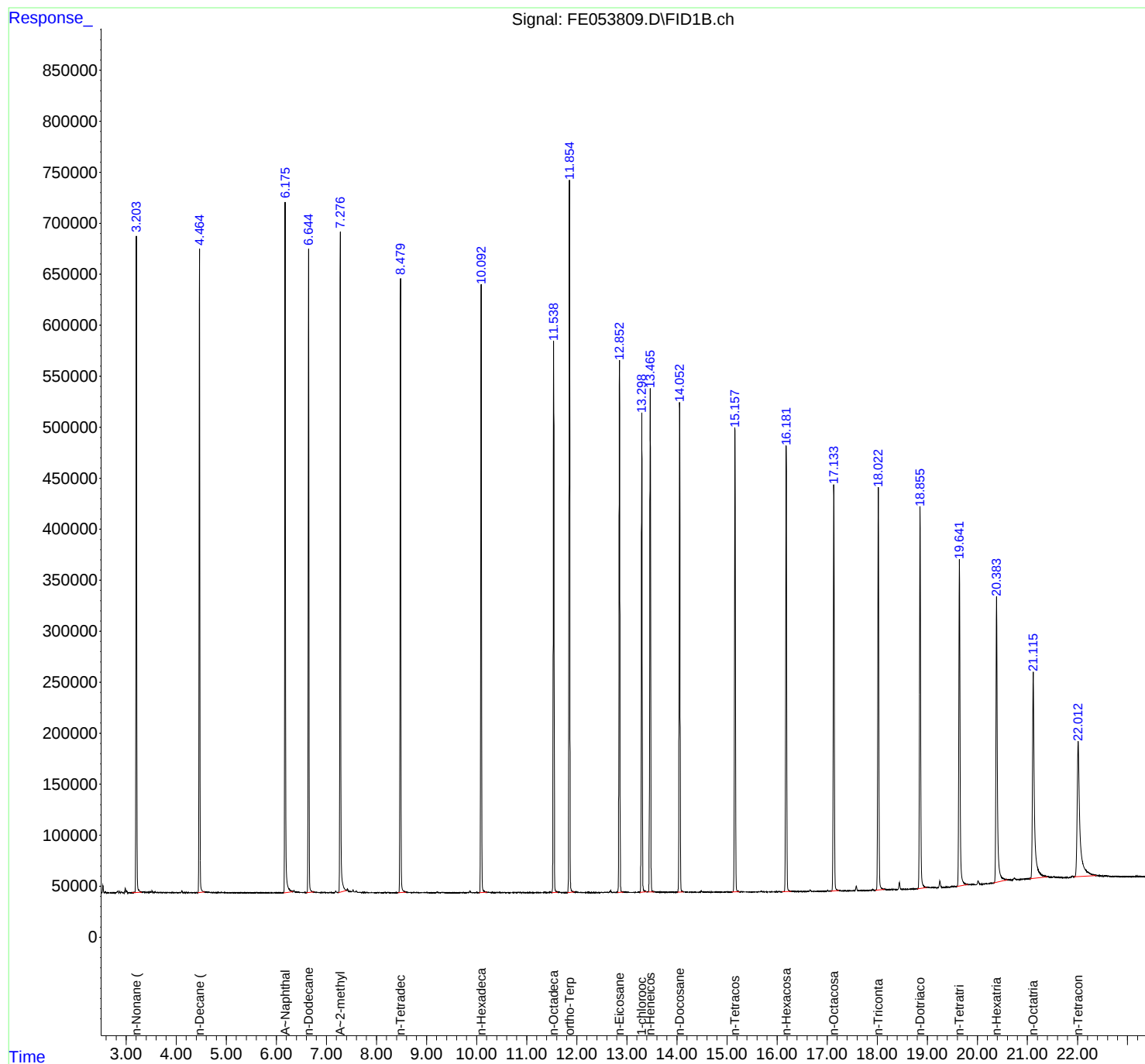
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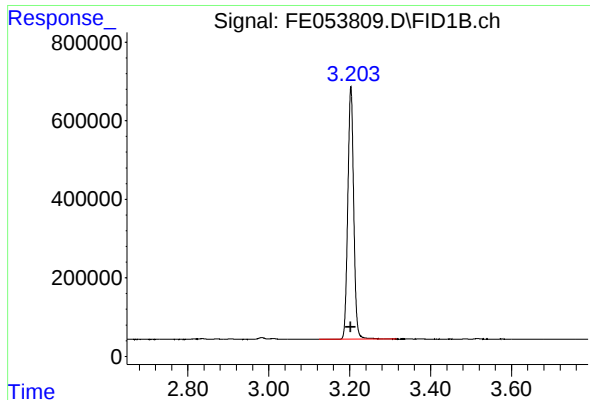
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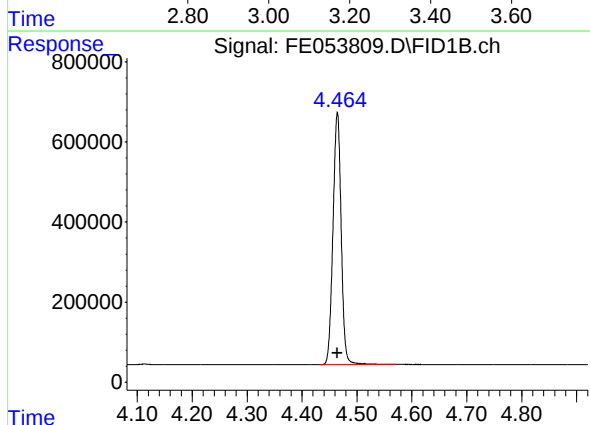




#1 n-Nonane (C9)

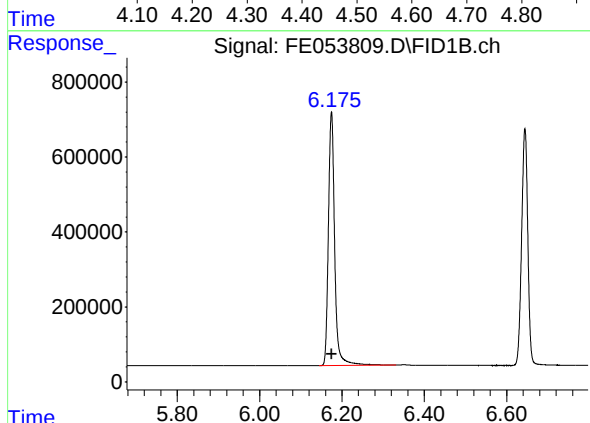
R.T.: 3.203 min
Delta R.T.: 0.000 min
Response: 6521797
Conc: 48.75 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



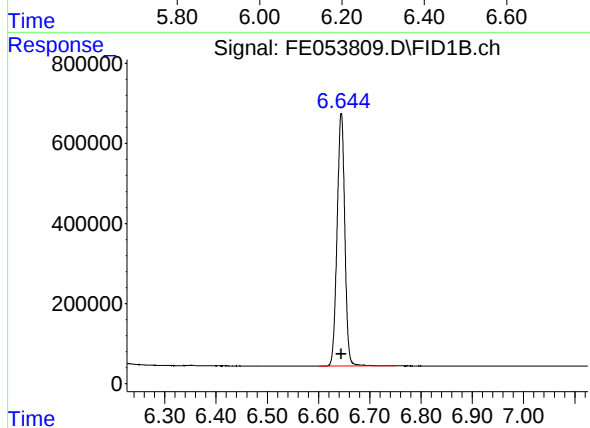
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 6543240
Conc: 48.72 ug/ml



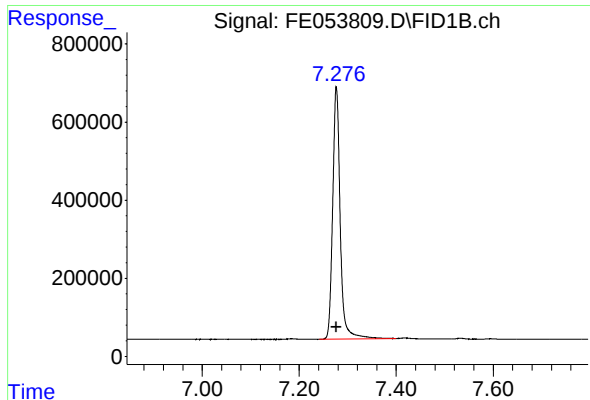
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 7153409
Conc: 48.91 ug/ml



#4 n-Dodecane (C12)

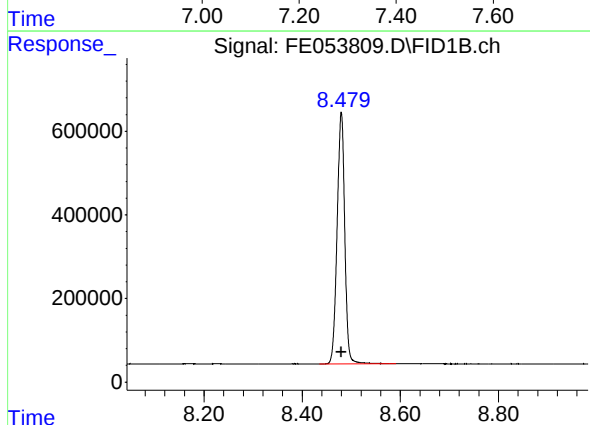
R.T.: 6.644 min
Delta R.T.: 0.000 min
Response: 6609385
Conc: 48.74 ug/ml



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

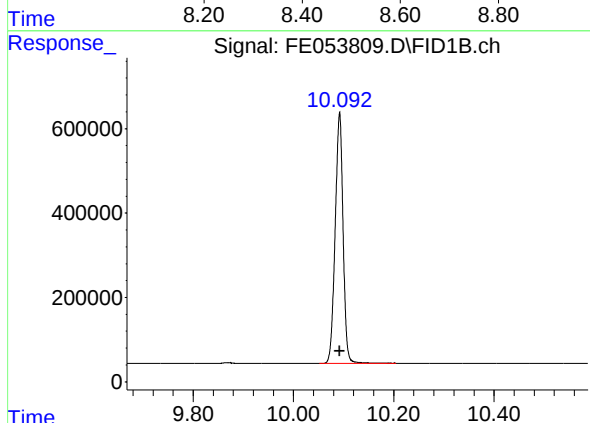
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 6992834
Conc: 49.08 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



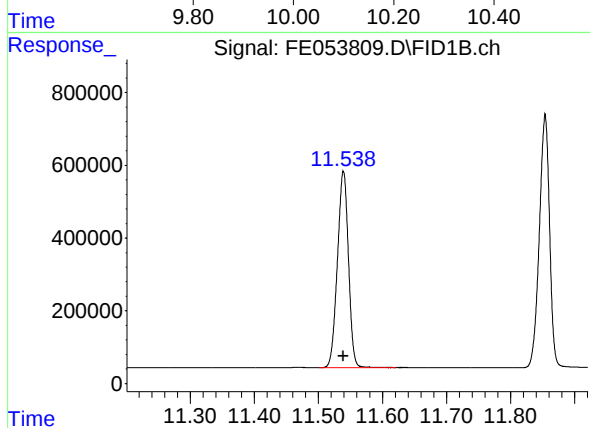
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 6512008
Conc: 48.75 ug/ml



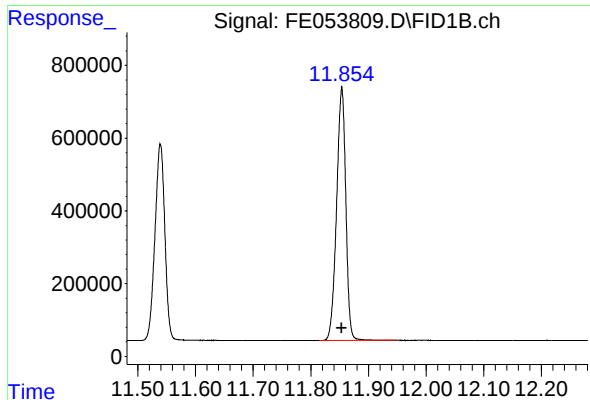
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: 0.000 min
Response: 6497275
Conc: 48.75 ug/ml



#8 n-Octadecane (C18)

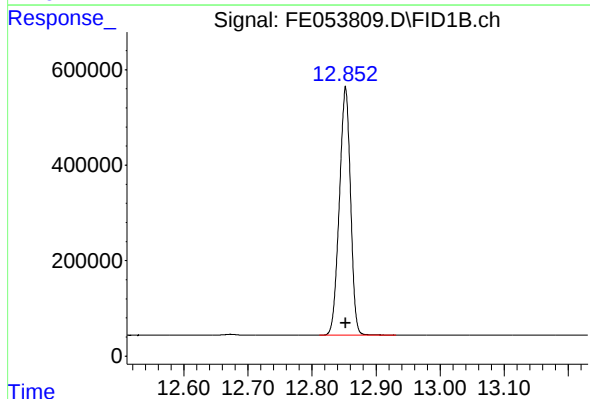
R.T.: 11.539 min
Delta R.T.: 0.000 min
Response: 6432292
Conc: 48.69 ug/ml



#9 ortho-Terphenyl (SURR)

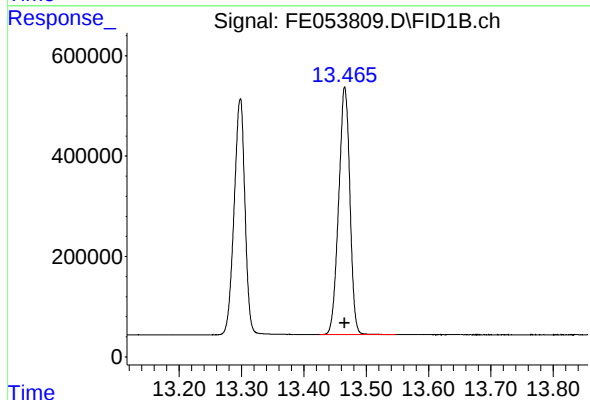
R.T.: 11.854 min
Delta R.T.: 0.000 min
Response: 7743091
Conc: 48.73 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



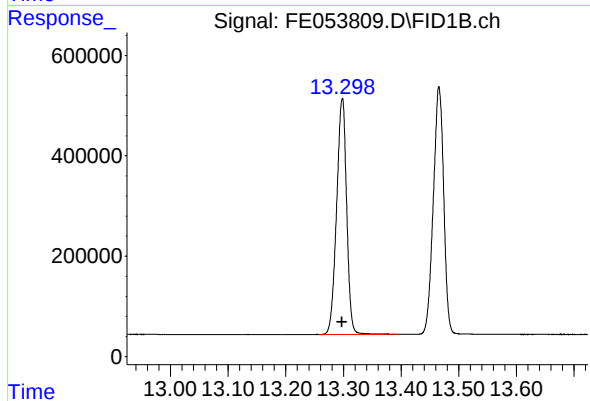
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.000 min
Response: 6253018
Conc: 48.69 ug/ml



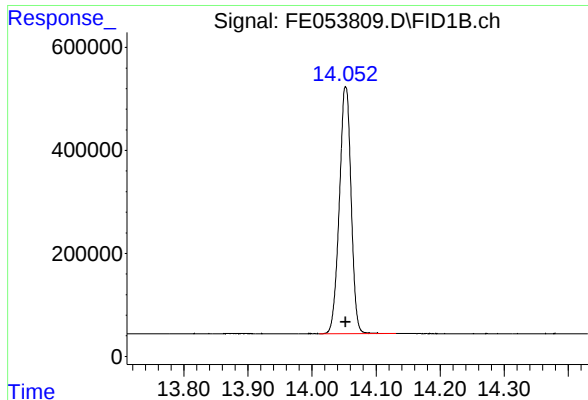
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: 0.000 min
Response: 6168358
Conc: 48.73 ug/ml



#12 1-chlorooctadecane (SURR)

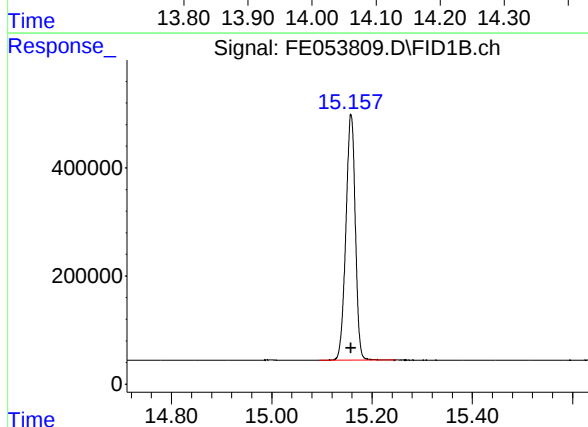
R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 5688678
Conc: 48.77 ug/ml



#13 n-Docosane (C22)

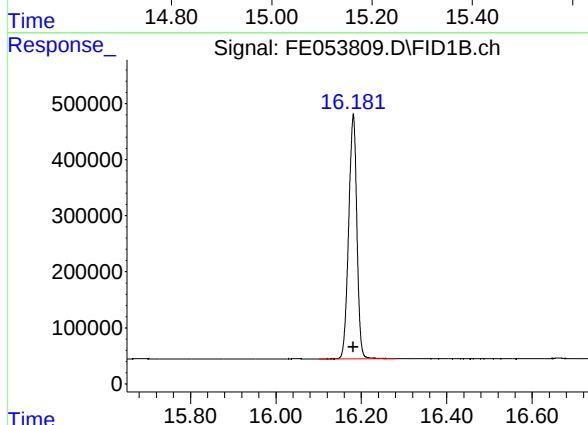
R.T.: 14.053 min
Delta R.T.: 0.000 min
Response: 6073373
Conc: 48.71 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



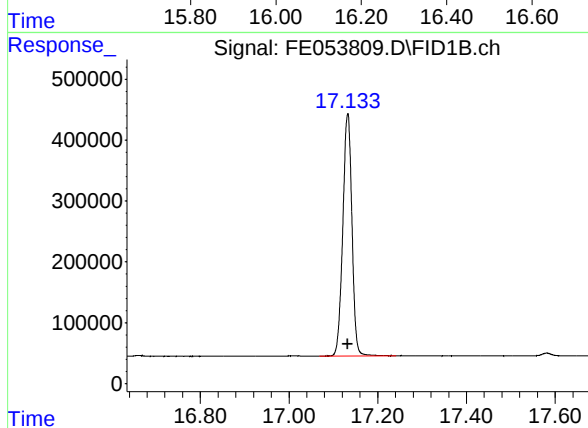
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: 0.000 min
Response: 5946887
Conc: 48.69 ug/ml



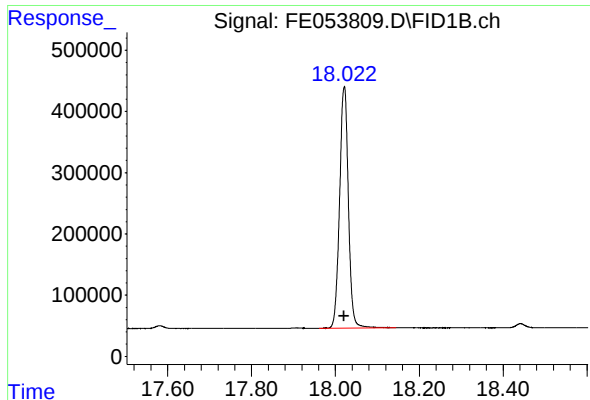
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: 0.000 min
Response: 5815252
Conc: 48.67 ug/ml



#16 n-Octacosane (C28)

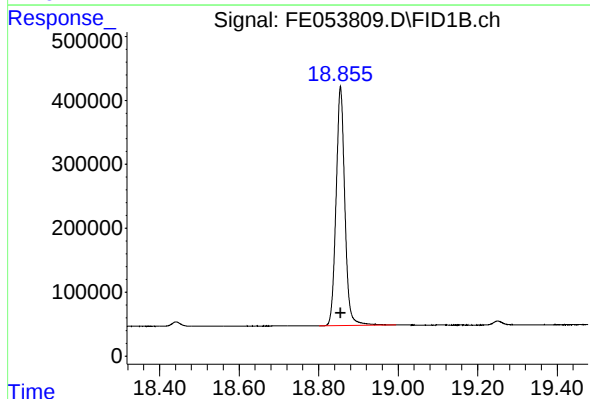
R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 5702740
Conc: 48.61 ug/ml



#17 n-Tricontane (C30)

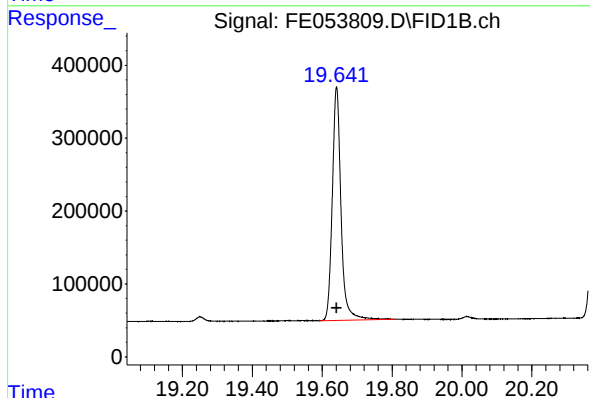
R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 5742679
Conc: 48.50 ug/ml

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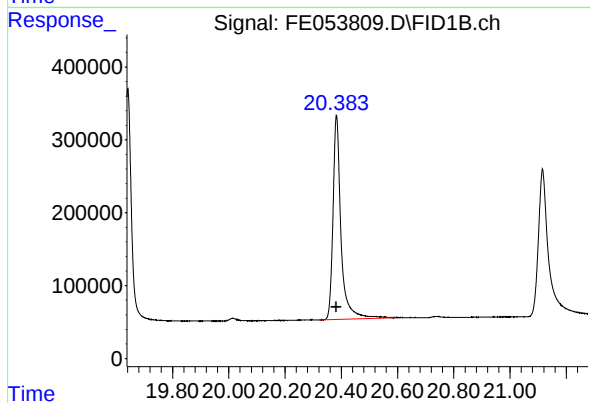
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: 0.000 min
Response: 5718405
Conc: 48.39 ug/ml



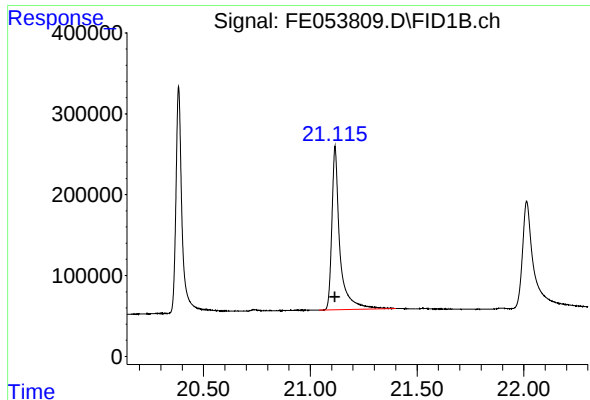
#19 n-Tetatriacontane (C34)

R.T.: 19.641 min
Delta R.T.: 0.000 min
Response: 5539154
Conc: 48.56 ug/ml



#20 n-Hexatriacontane (C36)

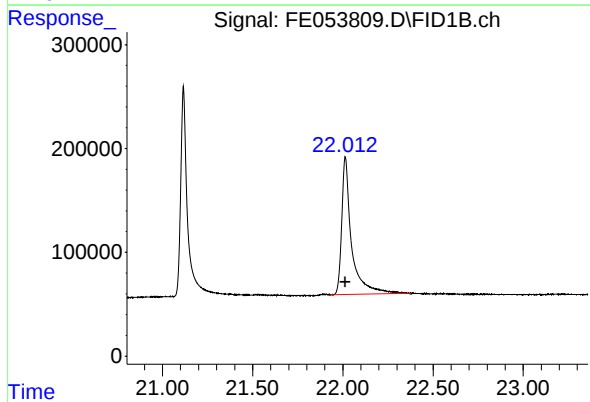
R.T.: 20.383 min
Delta R.T.: 0.000 min
Response: 5509173
Conc: 48.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: 0.000 min
Response: 5288032
Conc: 48.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.013 min
Delta R.T.: 0.000 min
Response: 5048422
Conc: 49.30 ug/ml