

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011624AL\
 Data File : FE046262.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2024 22:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/17/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 17 01:20:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.826	4312102	23.729 ug/ml
Spiked Amount 50.000		Recovery =	47.46%
12) S 1-chlorooctadecane (S...	13.270	3178312	23.788 ug/ml
Spiked Amount 50.000		Recovery =	47.58%
Target Compounds			
1) T n-Nonane (C9)	3.213	3259750	21.299 ug/ml
2) T n-Decane (C10)	4.464	3455559	22.266 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3687818	22.175 ug/ml
4) T n-Dodecane (C12)	6.631	3539814	22.671 ug/ml
5) T A~2-methylnaphthalene...	7.263	3577203	22.468 ug/ml
6) T n-Tetradecane (C14)	8.458	3530085	22.662 ug/ml
7) T n-Hexadecane (C16)	10.068	3634005	22.948 ug/ml
8) T n-Octadecane (C18)	11.512	3667710	23.303 ug/ml
10) T n-Eicosane (C20)	12.824	3558282	23.521 ug/ml
11) T n-Heneicosane (C21)	13.436	3511265	23.878 ug/ml
13) T n-Docosane (C22)	14.023	3456773	23.649 ug/ml
14) T n-Tetracosane (C24)	15.129	3381978	23.319 ug/ml
15) T n-Hexacosane (C26)	16.151	3289155	22.942 ug/ml
16) T n-Octacosane (C28)	17.105	3272745	22.819 ug/ml
17) T n-Tricontane (C30)	17.996	3464267	23.307 ug/ml
18) T n-Dotriacontane (C32)	18.831	3526160	23.577 ug/ml
19) T n-Tetratriacontane (C34)	19.618	3432711	23.962 ug/ml
20) T n-Hexatriacontane (C36)	20.362	3413479	23.412 ug/mlm
21) T n-Octatriacontane (C38)	21.089	3442390	23.345 ug/ml
22) T n-Tetracontane (C40)	21.987	3497152	22.342 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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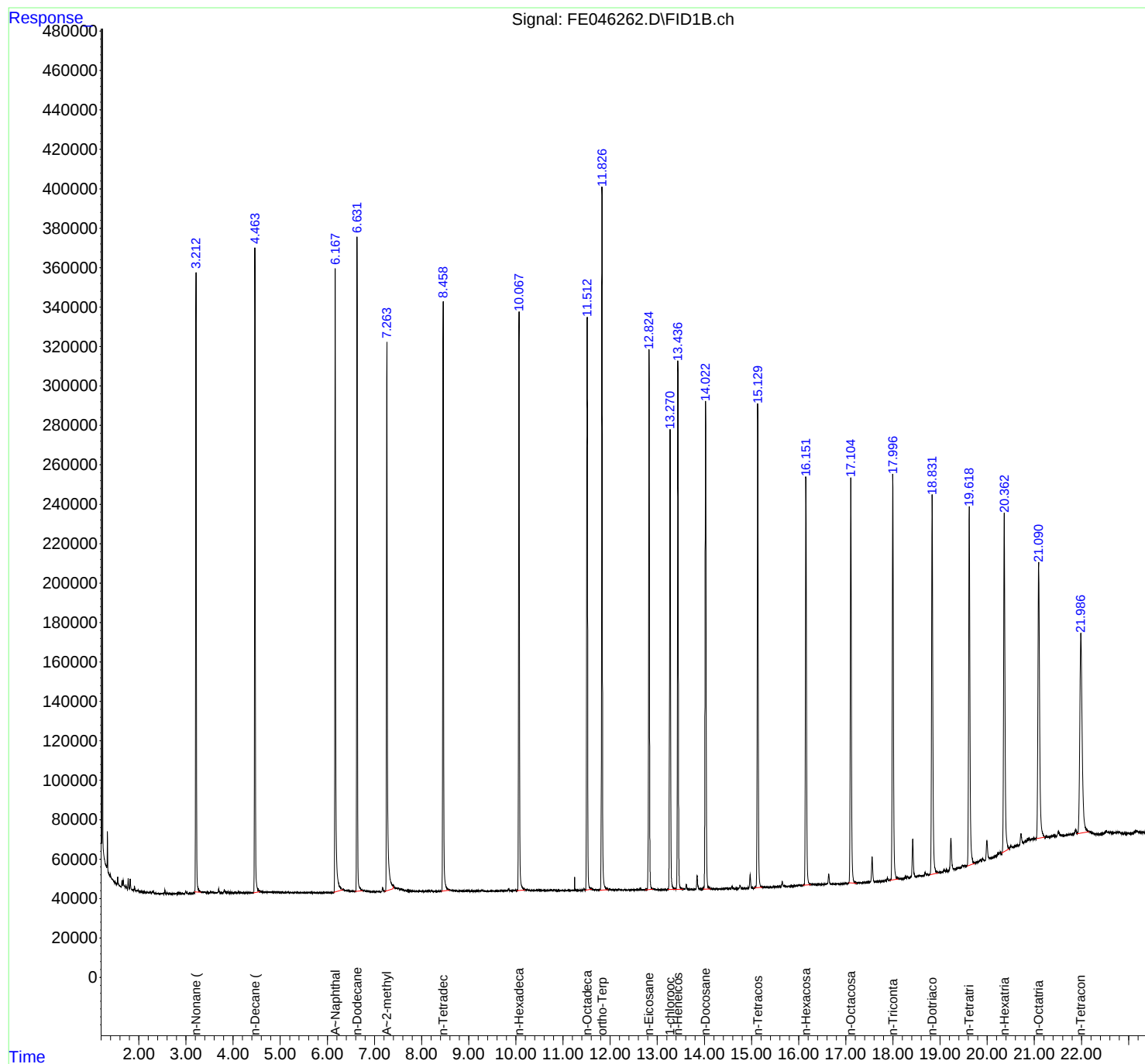
Instrument :
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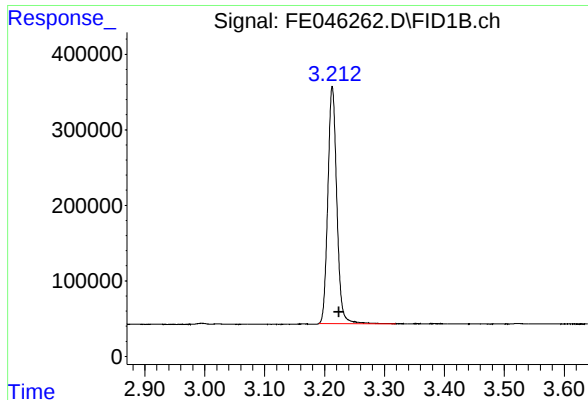
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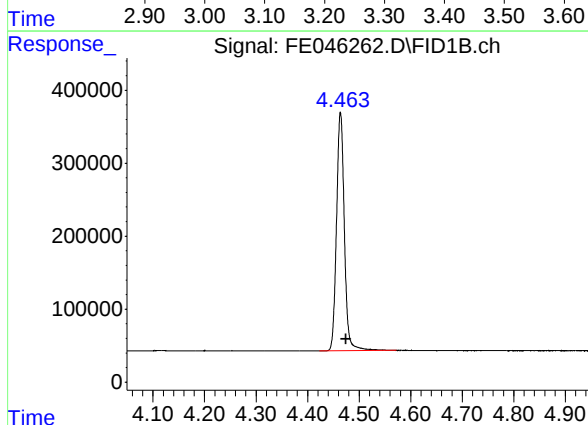
#1 n-Nonane (C9)

R.T.: 3.213 min
Delta R.T.: -0.011 min
Response: 3259750
Conc: 21.30 ug/ml

Instrument :
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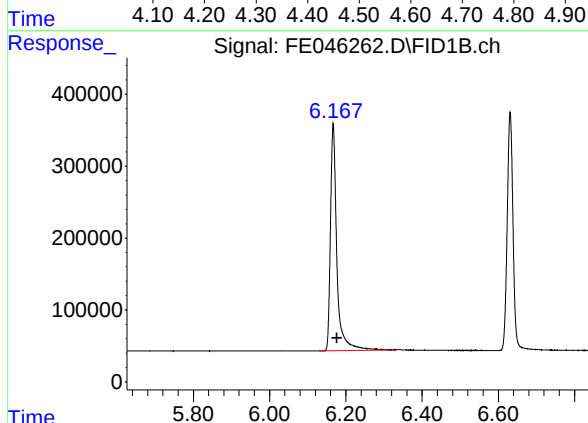
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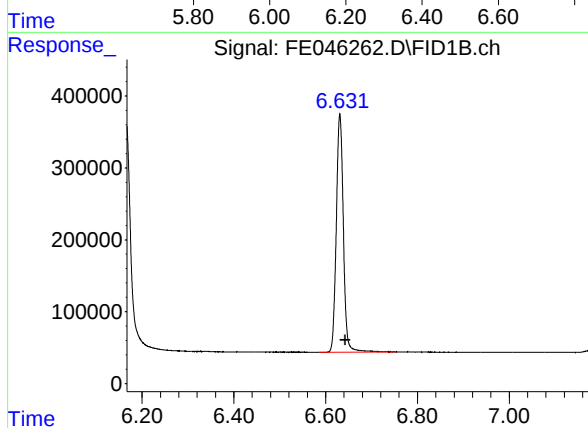
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.011 min
Response: 3455559
Conc: 22.27 ug/ml



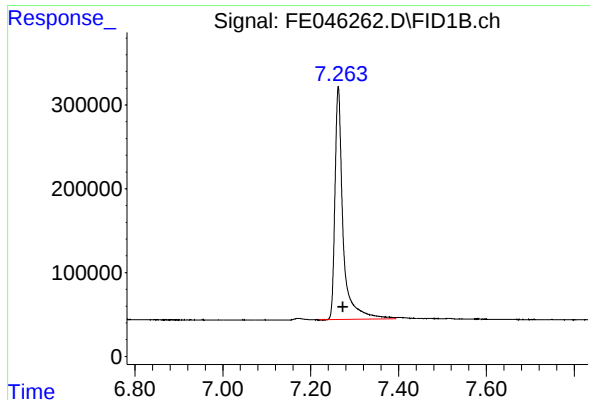
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 3687818
Conc: 22.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.011 min
Response: 3539814
Conc: 22.67 ug/ml



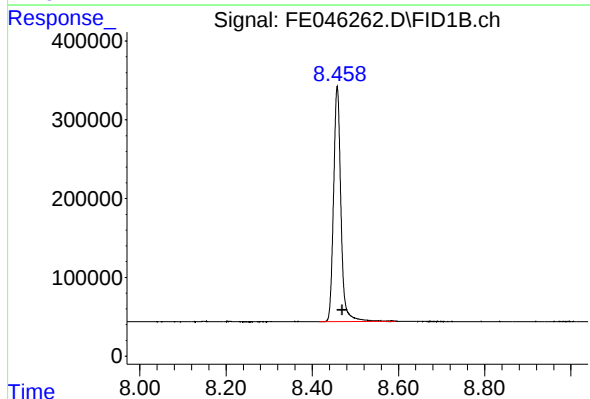
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 3577203
Conc: 22.47 ug/ml

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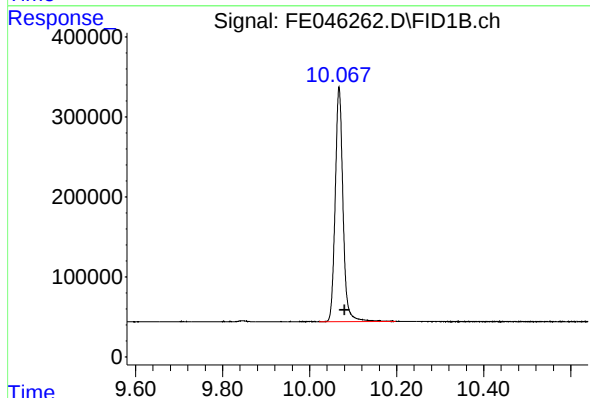
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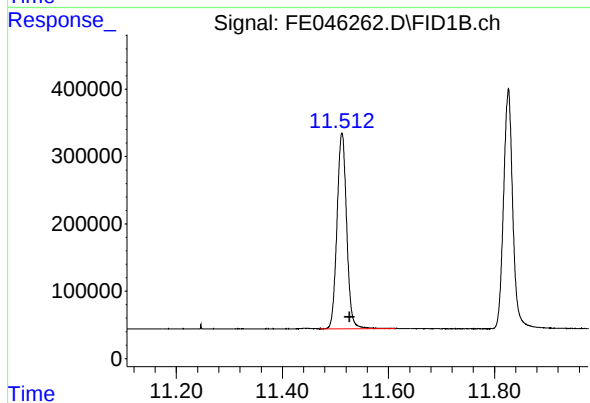
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.012 min
Response: 3530085
Conc: 22.66 ug/ml



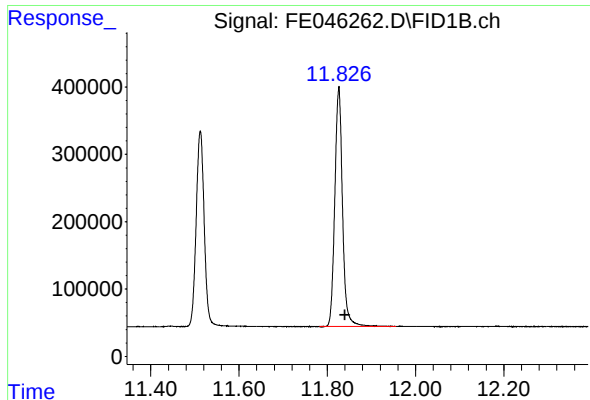
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.013 min
Response: 3634005
Conc: 22.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.512 min
Delta R.T.: -0.014 min
Response: 3667710
Conc: 23.30 ug/ml



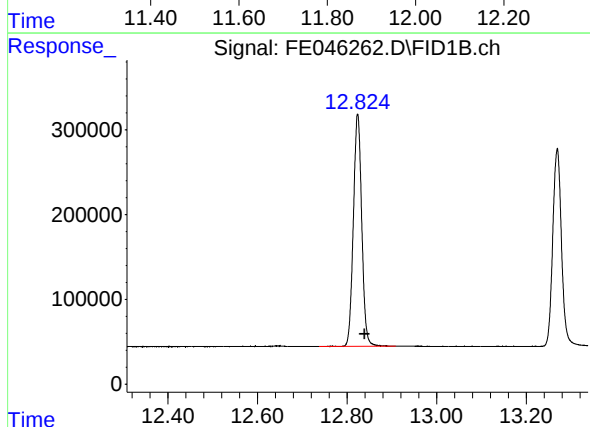
#9 ortho-Terphenyl (SURR)

R.T.: 11.826 min
Delta R.T.: -0.014 min
Response: 4312102
Conc: 23.73 ug/ml

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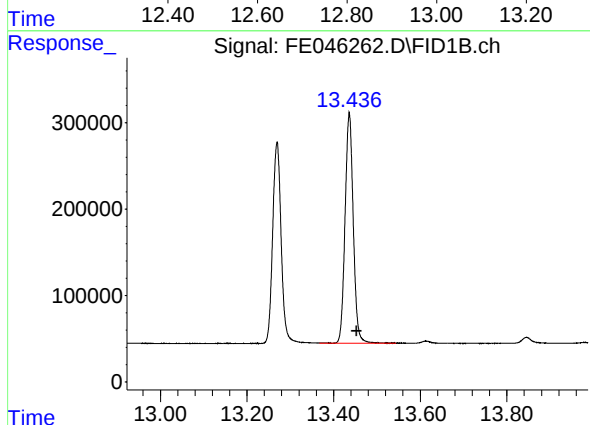
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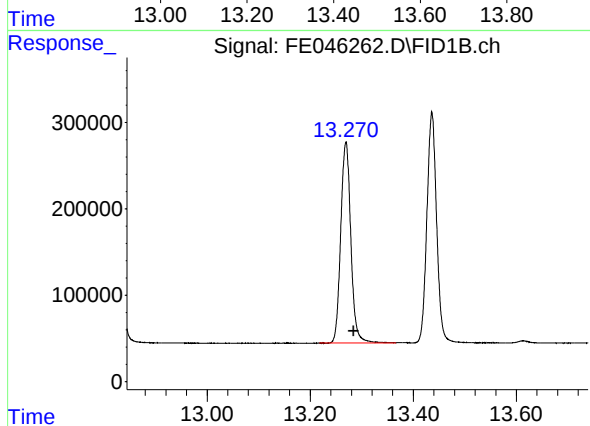
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.015 min
Response: 3558282
Conc: 23.52 ug/ml



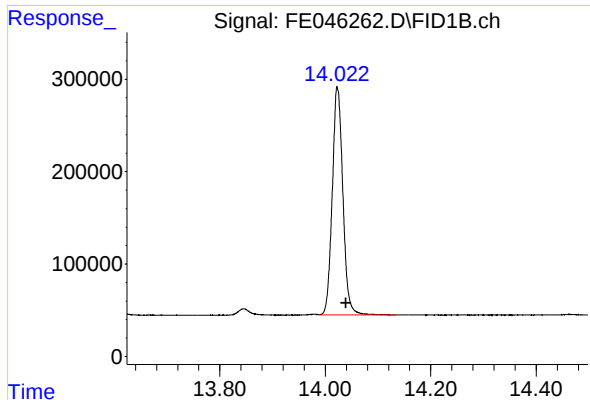
#11 n-Heneicosane (C21)

R.T.: 13.436 min
Delta R.T.: -0.016 min
Response: 3511265
Conc: 23.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.015 min
Response: 3178312
Conc: 23.79 ug/ml



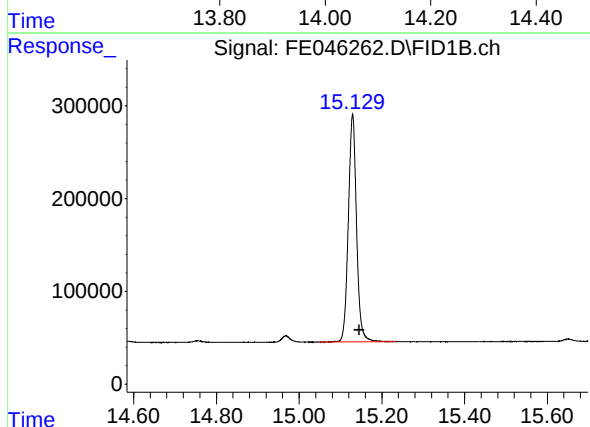
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.017 min
Response: 3456773
Conc: 23.65 ug/ml

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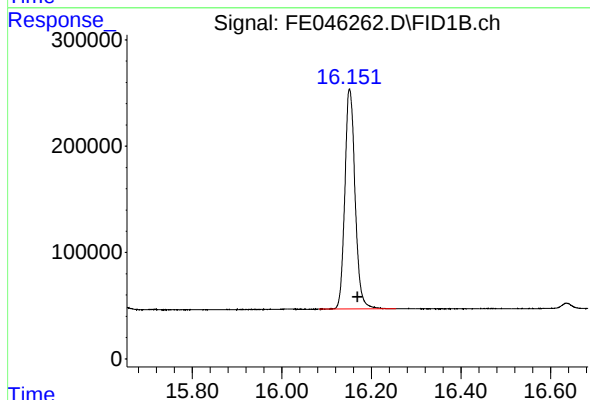
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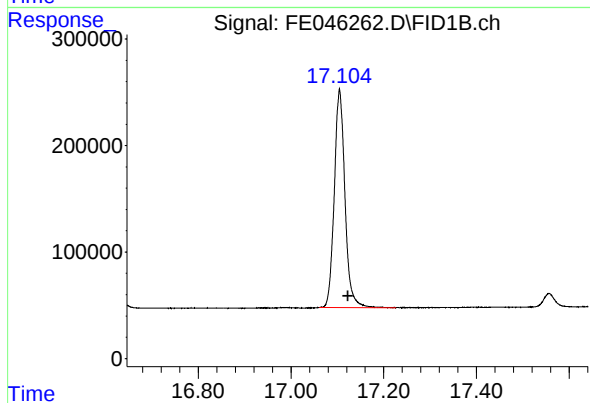
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.016 min
Response: 3381978
Conc: 23.32 ug/ml



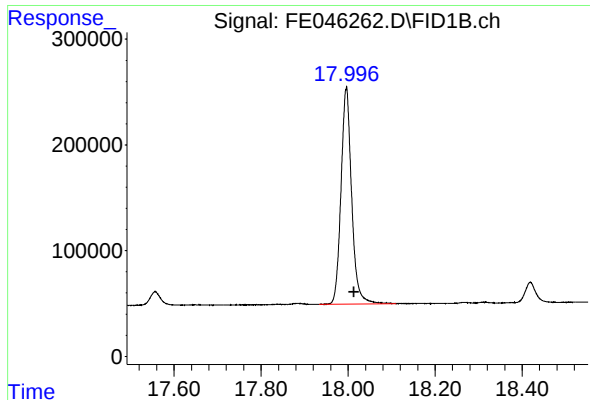
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.019 min
Response: 3289155
Conc: 22.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.018 min
Response: 3272745
Conc: 22.82 ug/ml



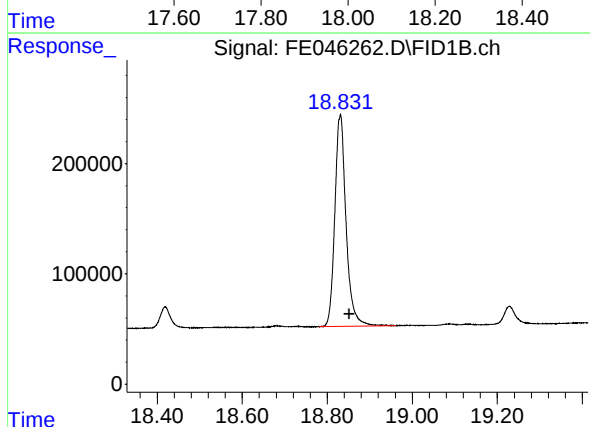
#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.018 min
Response: 3464267
Conc: 23.31 ug/ml

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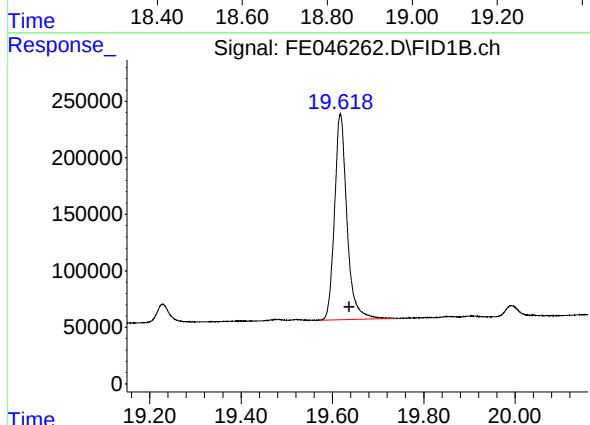
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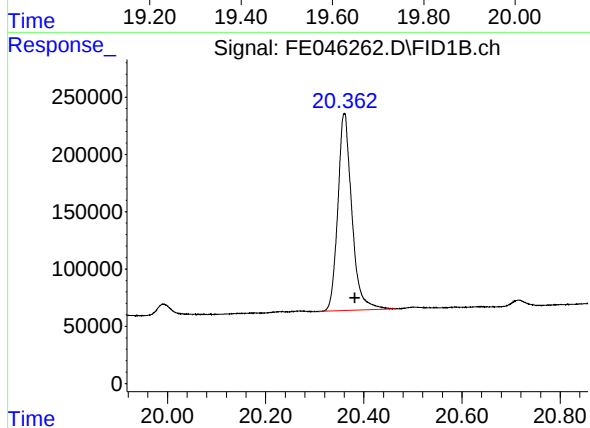
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.020 min
Response: 3526160
Conc: 23.58 ug/ml



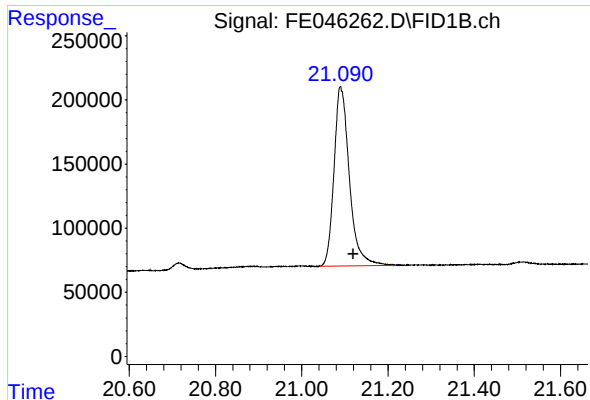
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.019 min
Response: 3432711
Conc: 23.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.021 min
Response: 3413479
Conc: 23.41 ug/ml m



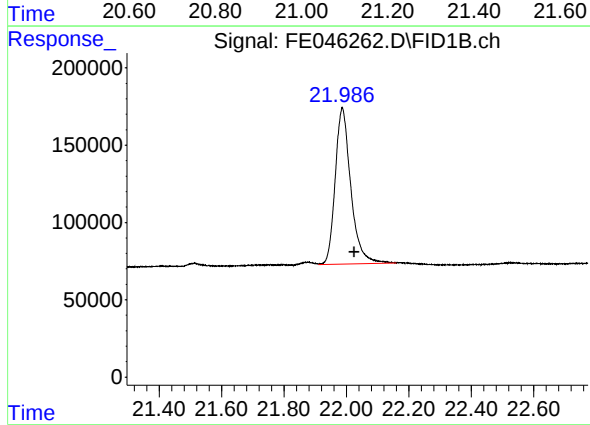
#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.030 min
Response: 3442390
Conc: 23.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.038 min
Response: 3497152
Conc: 22.34 ug/ml