

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925AL\
 Data File : FE052121.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jan 2025 15:24
 Operator : YP\AJ
 Sample : PB166336BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166336BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 01:25:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.196	4208561	29.446 ug/ml
Spiked Amount 50.000		Recovery =	58.89%
12) S 1-chlorooctadecane (S...	13.610	3489761	30.421 ug/ml
Spiked Amount 50.000		Recovery =	60.84%
Target Compounds			
1) T n-Nonane (C9)	3.682	3805027	35.690 ug/ml
2) T n-Decane (C10)	4.907	4106786	37.512 ug/ml
3) T A~Naphthalene (C11.7)	6.598	4882315	40.178 ug/ml
4) T n-Dodecane (C12)	7.031	4330922	38.372 ug/ml
5) T A~2-methylnaphthalene...	7.677	4578753	38.353 ug/ml
6) T n-Tetradecane (C14)	8.838	4525160	38.906 ug/ml
7) T n-Hexadecane (C16)	10.431	4597110	36.450 ug/ml
8) T n-Octadecane (C18)	11.864	4653963	35.176 ug/ml
10) T n-Eicosane (C20)	13.166	4786943	36.515 ug/ml
11) T n-Heneicosane (C21)	13.774	4580601	35.192 ug/ml
13) T n-Docosane (C22)	14.358	4538359	34.582 ug/ml
14) T n-Tetracosane (C24)	15.460	9044600	68.091 ug/ml
15) T n-Hexacosane (C26)	16.472	4334029	32.787 ug/ml
16) T n-Octacosane (C28)	17.418	4299558	32.576 ug/ml
17) T n-Tricontane (C30)	18.304	4287202	31.445 ug/ml
18) T n-Dotriacontane (C32)	19.133	4198608	32.037 ug/ml
19) T n-Tetratriacontane (C34)	19.914	4125790	36.646 ug/ml
20) T n-Hexatriacontane (C36)	20.652	3828470	40.307 ug/ml
21) T n-Octatriacontane (C38)	21.437	3670280	42.489 ug/mlm
22) T n-Tetracontane (C40)	22.434	3660504	44.418 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

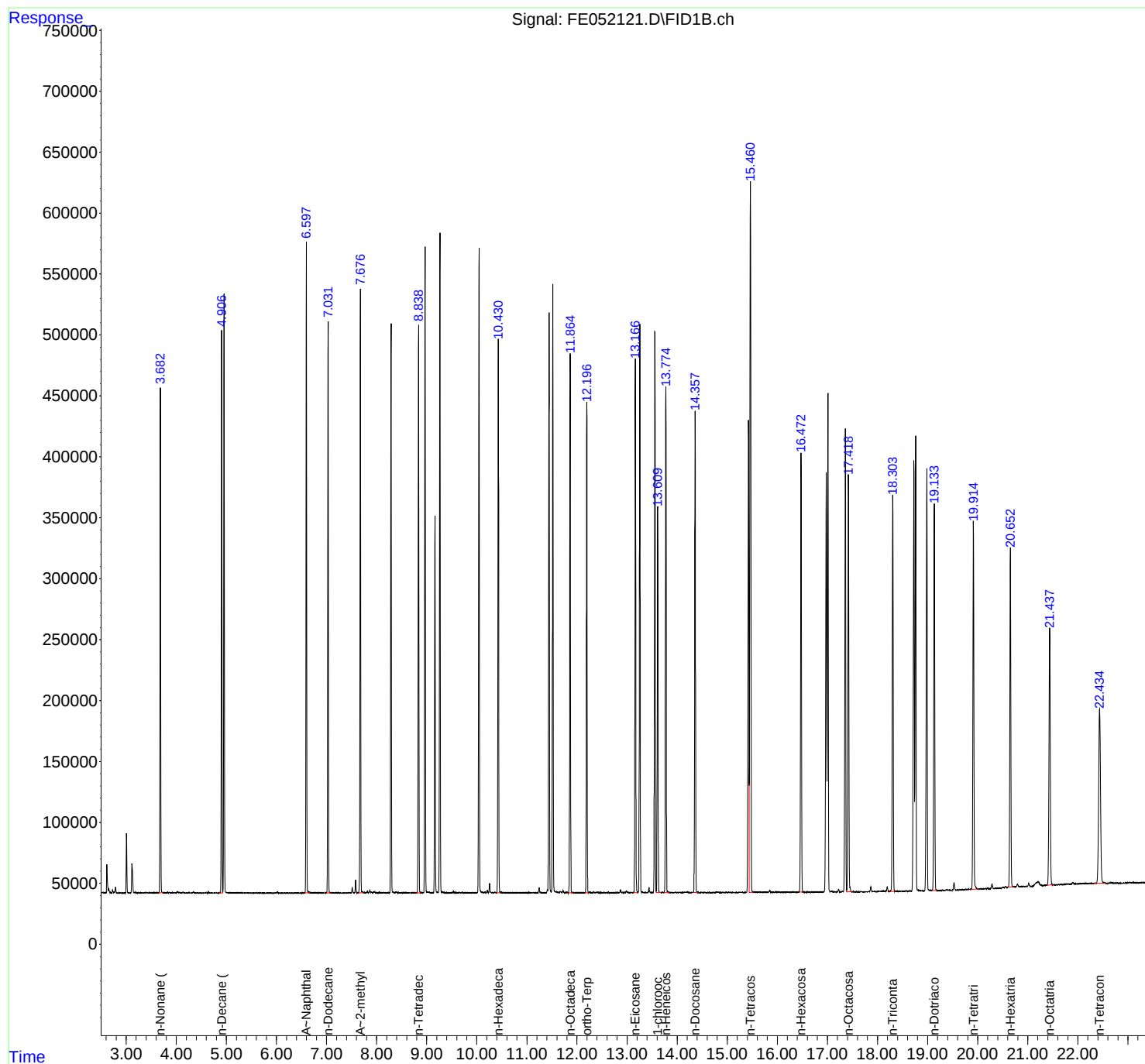
Instrument :
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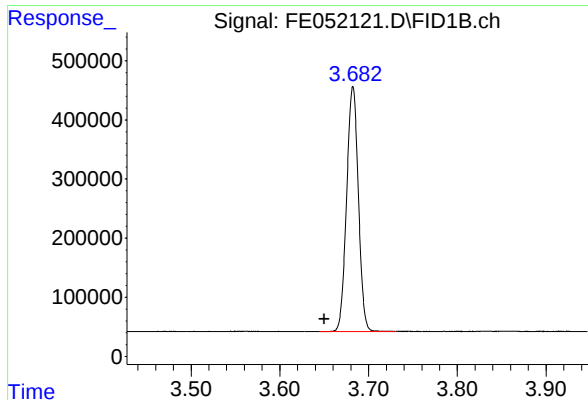
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.682 min
Delta R.T.: 0.032 min
Response: 3805027
Conc: 35.69 ug/ml

Instrument :

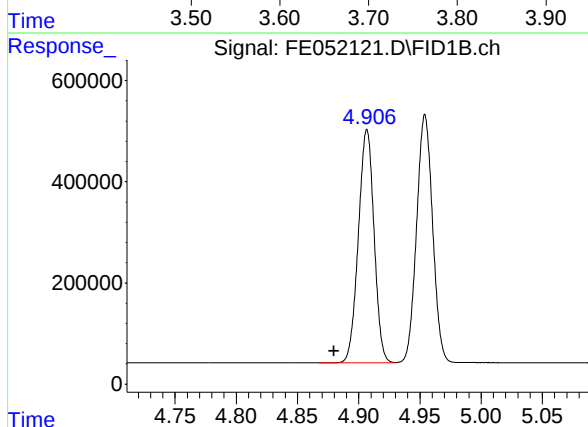
FID_E

ClientSampleId :

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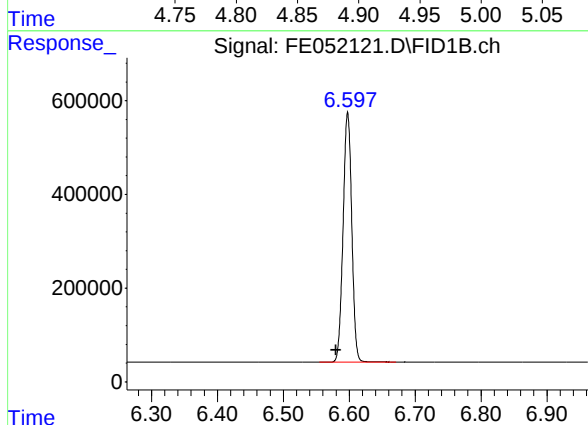
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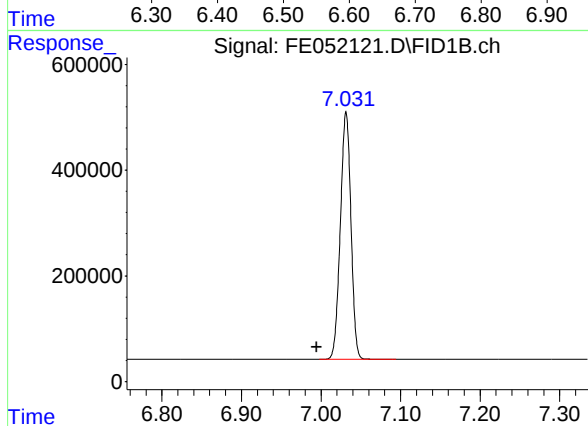
#2 n-Decane (C10)

R.T.: 4.907 min
Delta R.T.: 0.027 min
Response: 4106786
Conc: 37.51 ug/ml



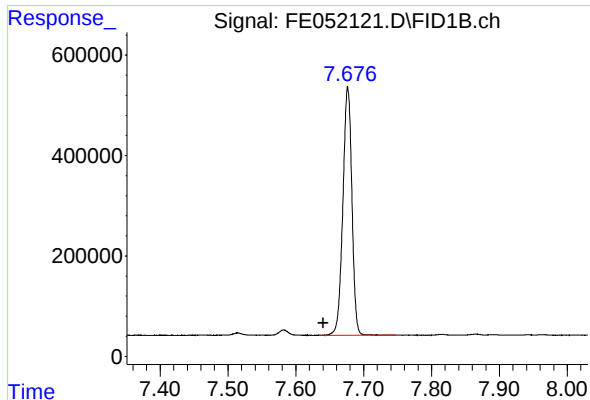
#3 A~Naphthalene (C11.7)

R.T.: 6.598 min
Delta R.T.: 0.018 min
Response: 4882315
Conc: 40.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.031 min
Delta R.T.: 0.037 min
Response: 4330922
Conc: 38.37 ug/ml



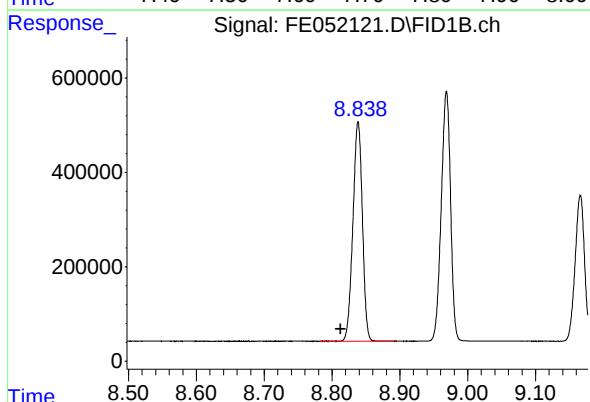
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.677 min
Delta R.T.: 0.036 min
Response: 4578753
Conc: 38.35 ug/ml

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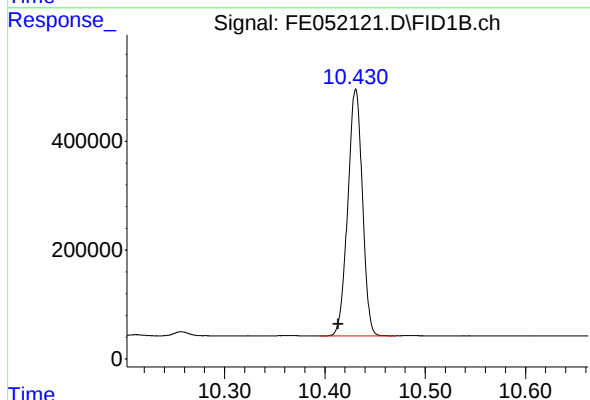
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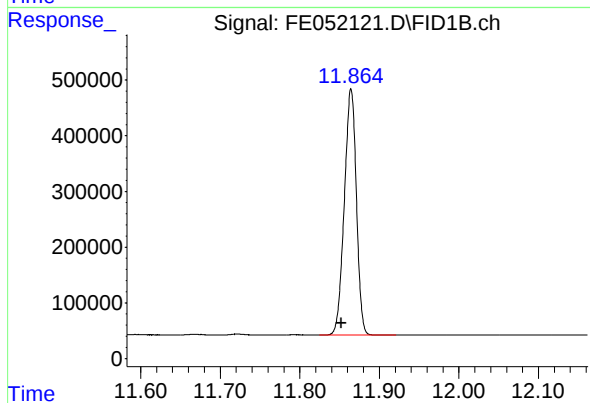
#6 n-Tetradecane (C14)

R.T.: 8.838 min
Delta R.T.: 0.026 min
Response: 4525160
Conc: 38.91 ug/ml



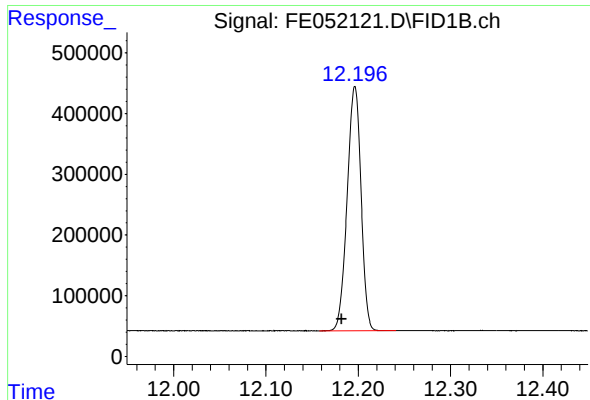
#7 n-Hexadecane (C16)

R.T.: 10.431 min
Delta R.T.: 0.017 min
Response: 4597110
Conc: 36.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.864 min
Delta R.T.: 0.012 min
Response: 4653963
Conc: 35.18 ug/ml



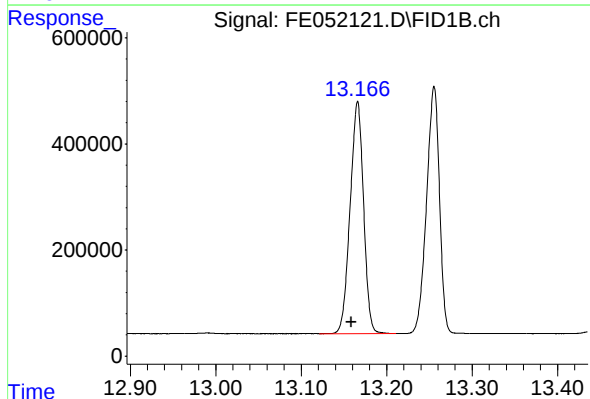
#9 ortho-Terphenyl (SURR)

R.T.: 12.196 min
Delta R.T.: 0.014 min
Response: 4208561
Conc: 29.45 ug/ml

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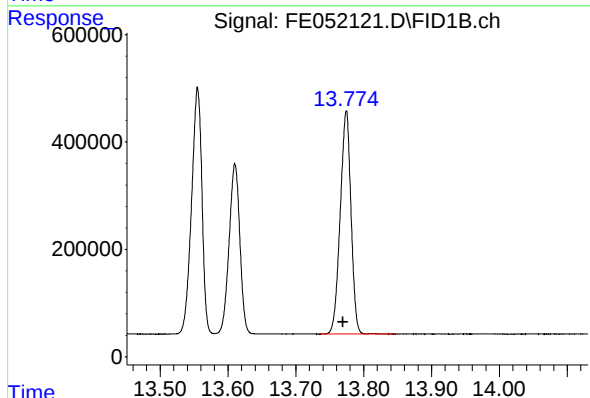
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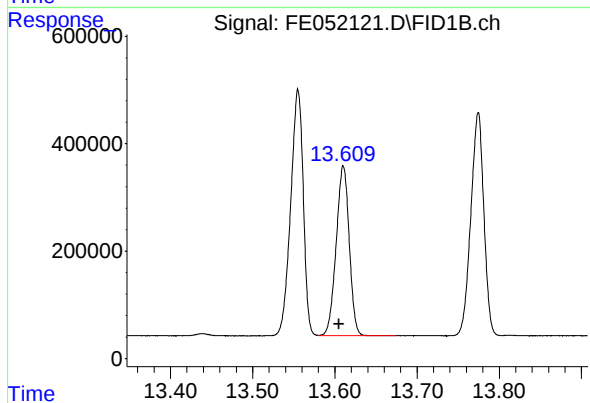
#10 n-Eicosane (C20)

R.T.: 13.166 min
Delta R.T.: 0.007 min
Response: 4786943
Conc: 36.52 ug/ml



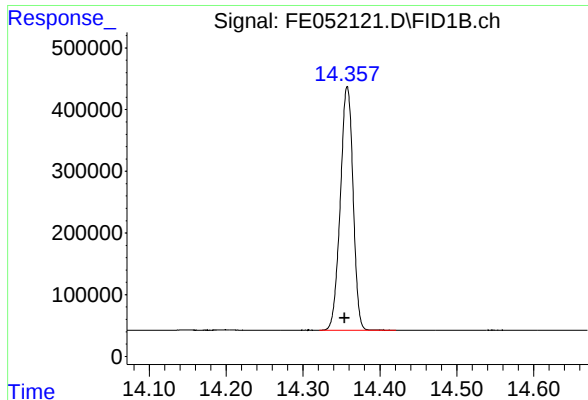
#11 n-Heneicosane (C21)

R.T.: 13.774 min
Delta R.T.: 0.005 min
Response: 4580601
Conc: 35.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.610 min
Delta R.T.: 0.005 min
Response: 3489761
Conc: 30.42 ug/ml



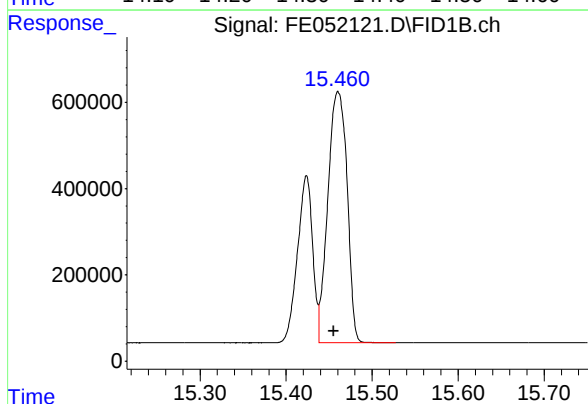
#13 n-Docosane (C22)

R.T.: 14.358 min
Delta R.T.: 0.003 min
Response: 4538359
Conc: 34.58 ug/ml

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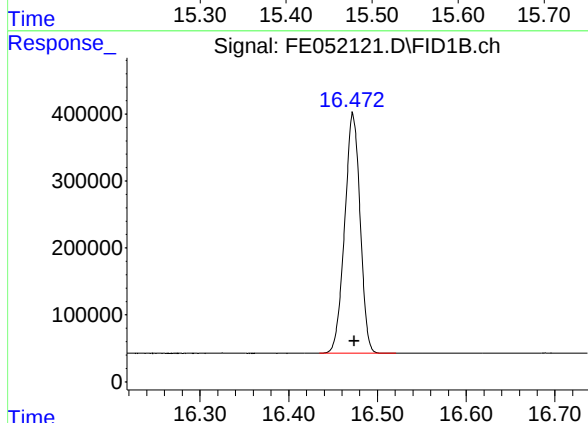
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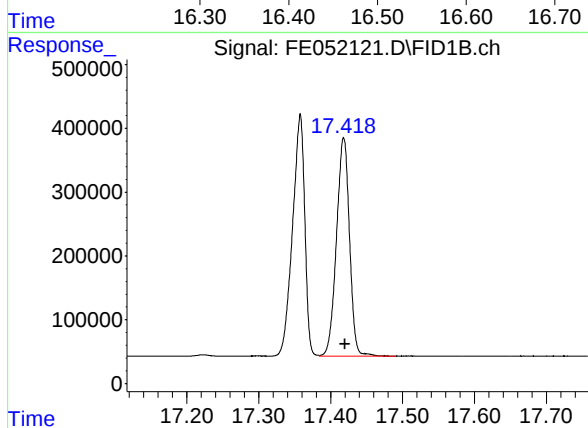
#14 n-Tetracosane (C24)

R.T.: 15.460 min
Delta R.T.: 0.005 min
Response: 9044600
Conc: 68.09 ug/ml



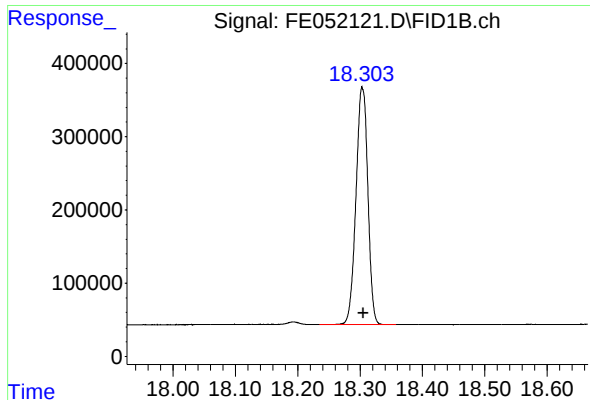
#15 n-Hexacosane (C26)

R.T.: 16.472 min
Delta R.T.: -0.001 min
Response: 4334029
Conc: 32.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.418 min
Delta R.T.: -0.002 min
Response: 4299558
Conc: 32.58 ug/ml



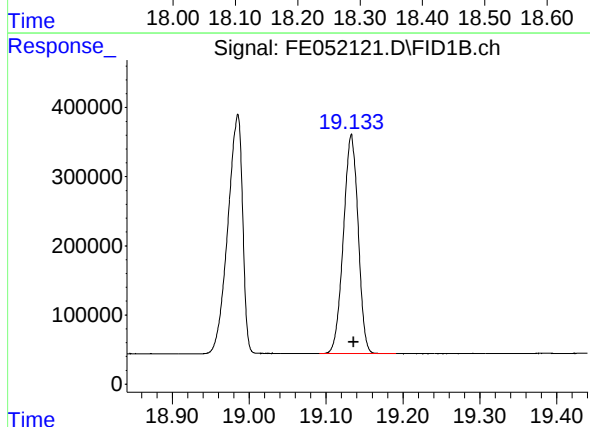
#17 n-Tricontane (C30)

R.T.: 18.304 min
Delta R.T.: -0.001 min
Response: 4287202
Conc: 31.44 ug/ml

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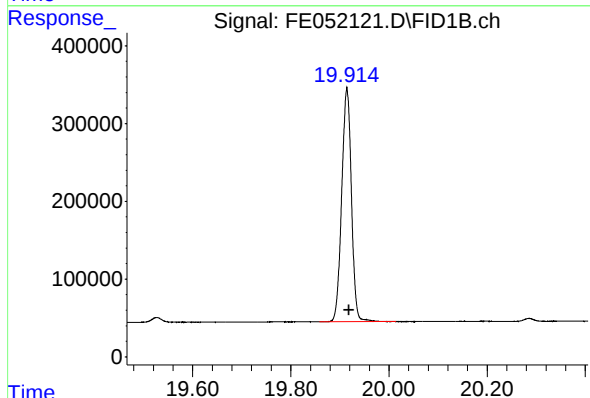
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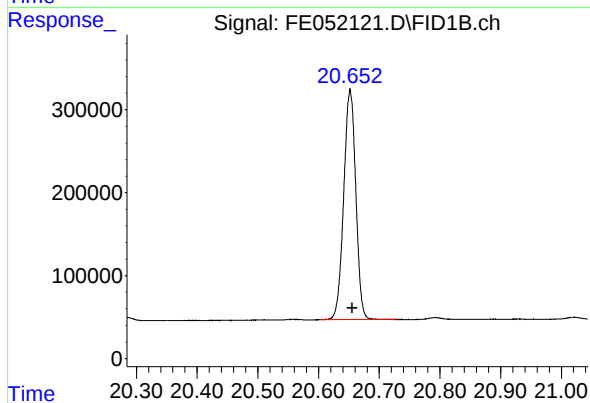
#18 n-Dotriacontane (C32)

R.T.: 19.133 min
Delta R.T.: -0.003 min
Response: 4198608
Conc: 32.04 ug/ml



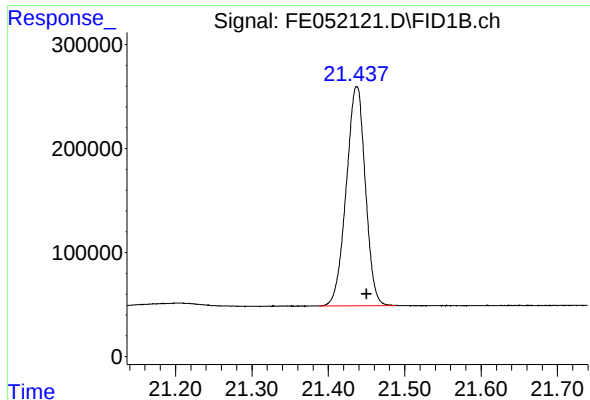
#19 n-Tetratriacontane (C34)

R.T.: 19.914 min
Delta R.T.: -0.004 min
Response: 4125790
Conc: 36.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.652 min
Delta R.T.: -0.004 min
Response: 3828470
Conc: 40.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.437 min
Delta R.T.: -0.014 min
Response: 3670280
Conc: 42.49 ug/ml

Instrument :

FID_E

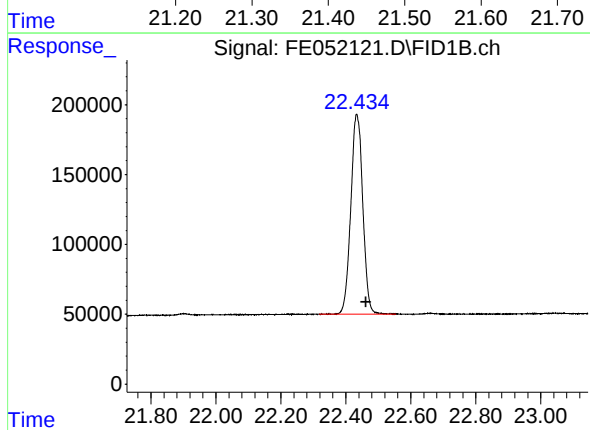
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#22 n-Tetracontane (C40)

R.T.: 22.434 min
Delta R.T.: -0.029 min
Response: 3660504
Conc: 44.42 ug/ml