

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110524AL\
 Data File : FE051035.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2024 19:58
 Operator : YP\AJ
 Sample : P4693-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 BP-G5-WCMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
 Quant Time: Nov 06 00:41:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.853	5072602	32.175 ug/mlm
Spiked Amount 50.000		Recovery =	64.35%
12) S 1-chlorooctadecane (S...	13.286	4413459	37.309 ug/ml
Spiked Amount 50.000		Recovery =	74.62%
Target Compounds			
1) T n-Nonane (C9)	3.240	4466479	31.612 ug/ml
2) T n-Decane (C10)	4.492	4934896	34.395 ug/ml
3) T A~Naphthalene (C11.7)	6.203	5166333	36.131 ug/ml
4) T n-Dodecane (C12)	6.659	5315025	36.927 ug/ml
5) T A~2-methylnaphthalene...	7.298	4899732	36.985 ug/ml
6) T n-Tetradecane (C14)	8.487	5673554	39.657 ug/ml
7) T n-Hexadecane (C16)	10.091	6168540	41.915 ug/ml
8) T n-Octadecane (C18)	11.534	6442588	43.132 ug/ml
10) T n-Eicosane (C20)	12.842	6829137	47.623 ug/mlm
11) T n-Heneicosane (C21)	13.452	6229723	44.361 ug/ml
13) T n-Docosane (C22)	14.038	6450574	45.979 ug/ml
14) T n-Tetracosane (C24)	15.140	12850788	90.962 ug/mlm
15) T n-Hexacosane (C26)	16.159	6085121	43.244 ug/mlm
16) T n-Octacosane (C28)	17.106	6772250	46.281 ug/mlm
17) T n-Tricontane (C30)	17.994	6311684	39.696 ug/ml
18) T n-Dotriacontane (C32)	18.825	6417273	39.585 ug/ml
19) T n-Tetratriacontane (C34)	19.608	6576994	44.775 ug/ml
20) T n-Hexatriacontane (C36)	20.348	6602107	52.061 ug/ml
21) T n-Octatriacontane (C38)	21.071	6478431	52.394 ug/ml
22) T n-Tetracontane (C40)	21.955	6326053	56.812 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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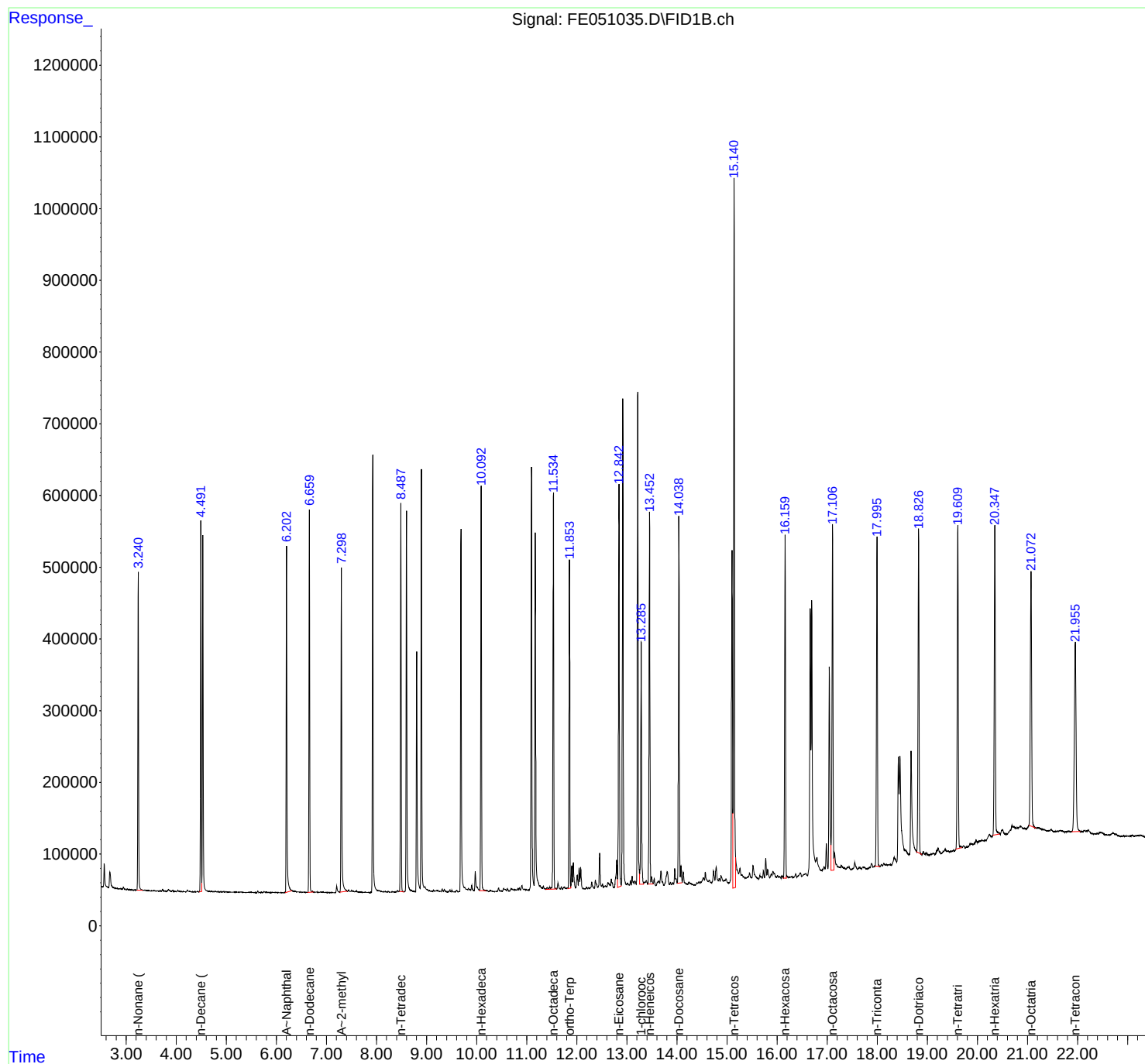
Instrument :
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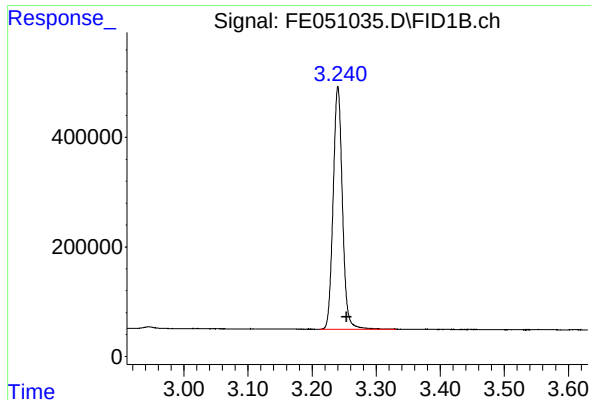
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#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: -0.014 min
Response: 4466479
Conc: 31.61 ug/ml

Instrument :

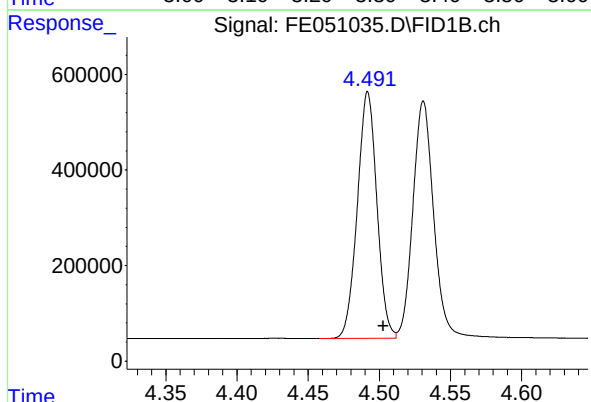
FID_E

ClientSampleId :

BP-G5-WCMSD

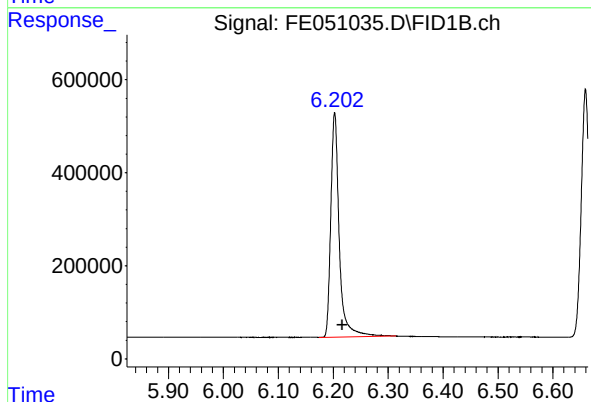
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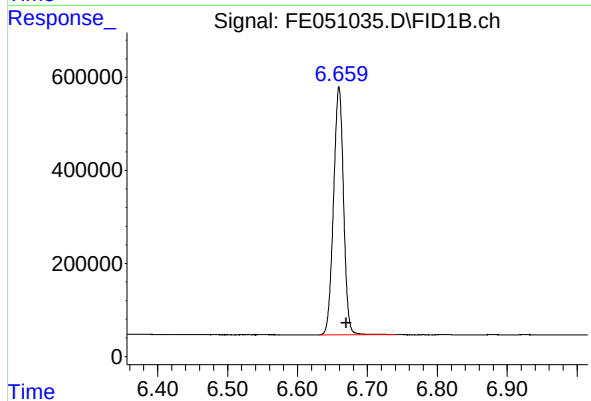
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.011 min
Response: 4934896
Conc: 34.40 ug/ml



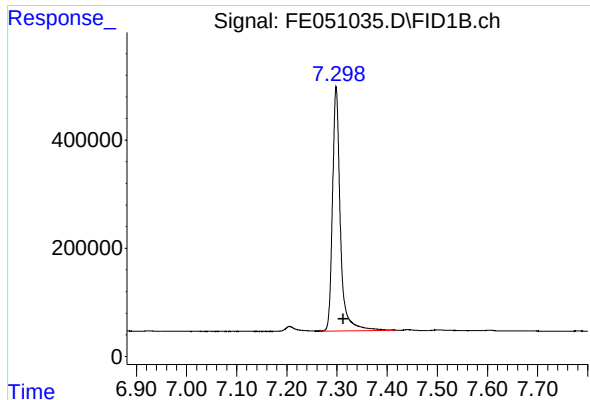
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: -0.014 min
Response: 5166333
Conc: 36.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.659 min
Delta R.T.: -0.010 min
Response: 5315025
Conc: 36.93 ug/ml



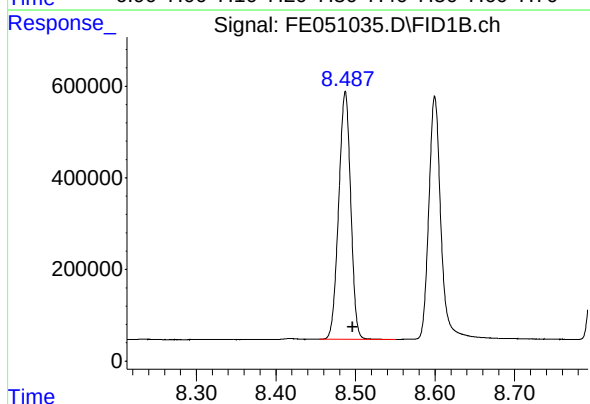
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.298 min
Delta R.T.: -0.014 min
Response: 4899732
Conc: 36.98 ug/ml

Instrument :
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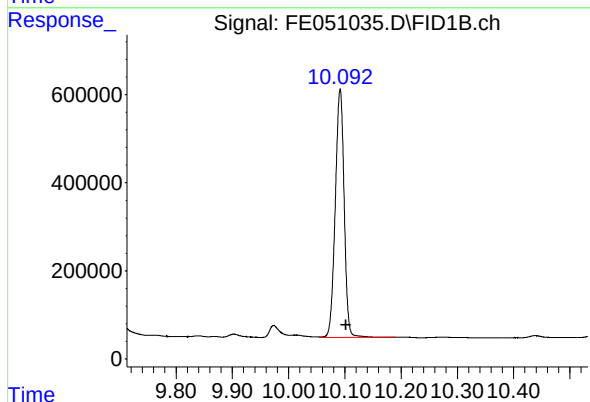
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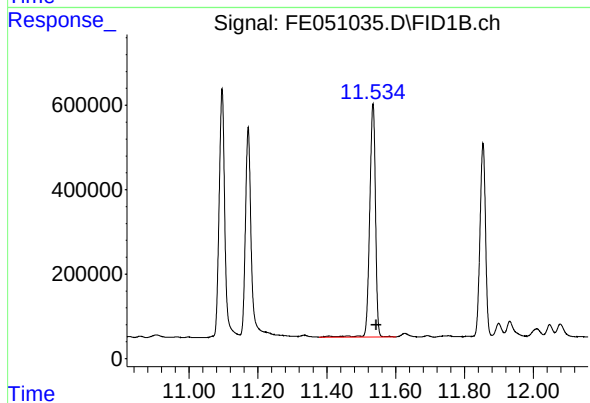
#6 n-Tetradecane (C14)

R.T.: 8.487 min
Delta R.T.: -0.009 min
Response: 5673554
Conc: 39.66 ug/ml



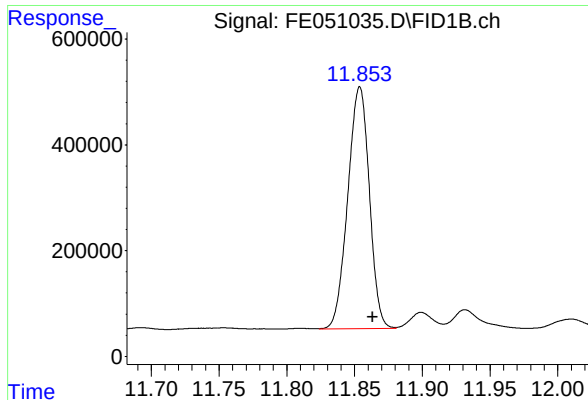
#7 n-Hexadecane (C16)

R.T.: 10.091 min
Delta R.T.: -0.011 min
Response: 6168540
Conc: 41.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.010 min
Response: 6442588
Conc: 43.13 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: -0.010 min
Response: 5072602
Conc: 32.18 ug/ml

Instrument :

FID_E

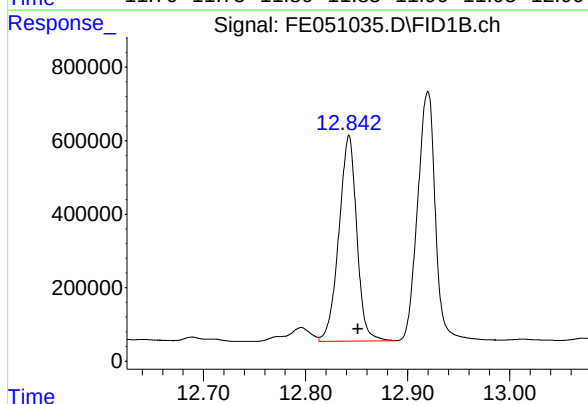
ClientSampleId :

BP-G5-WCMSD

Manual Integrations

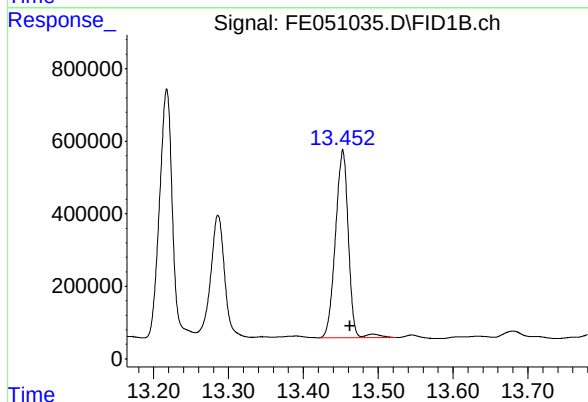
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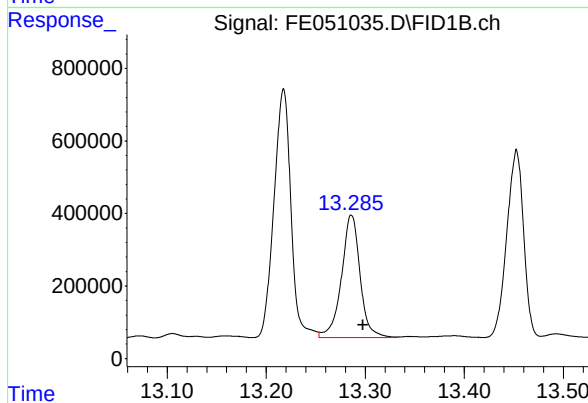
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.009 min
Response: 6829137
Conc: 47.62 ug/ml m



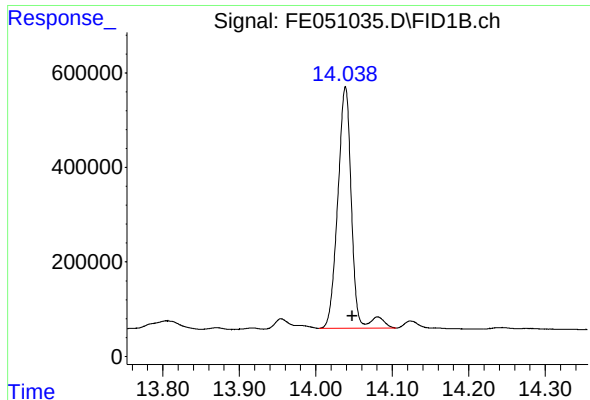
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.011 min
Response: 6229723
Conc: 44.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.012 min
Response: 4413459
Conc: 37.31 ug/ml



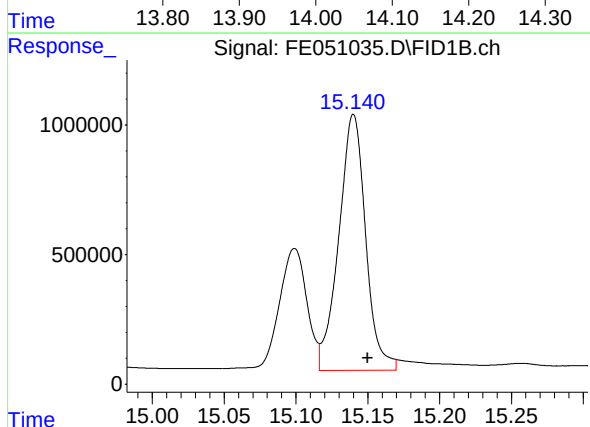
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.010 min
Response: 6450574
Conc: 45.98 ug/ml

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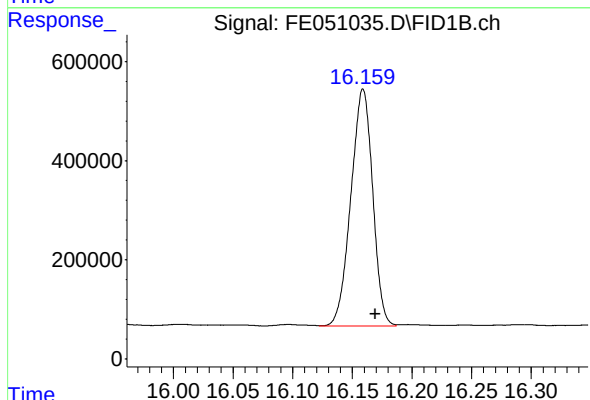
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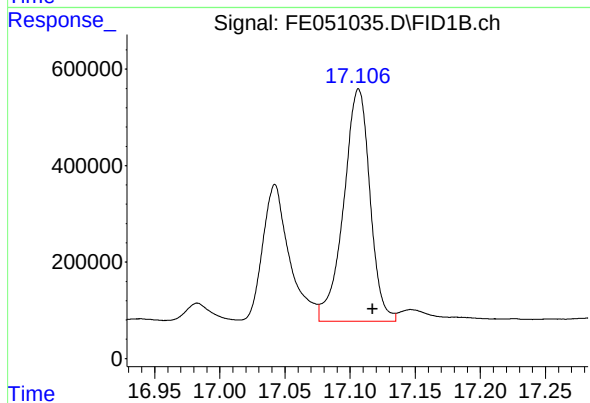
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 12850788
Conc: 90.96 ug/ml



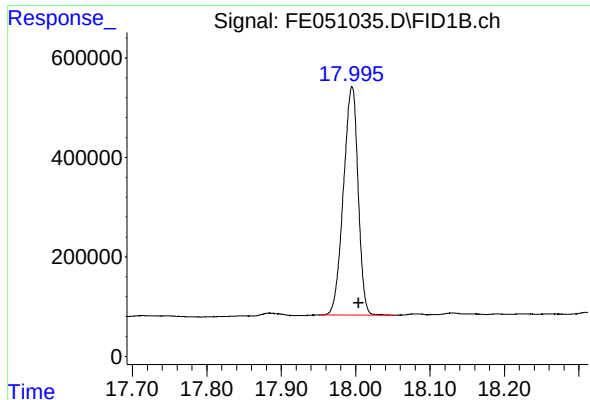
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.011 min
Response: 6085121
Conc: 43.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.011 min
Response: 6772250
Conc: 46.28 ug/ml



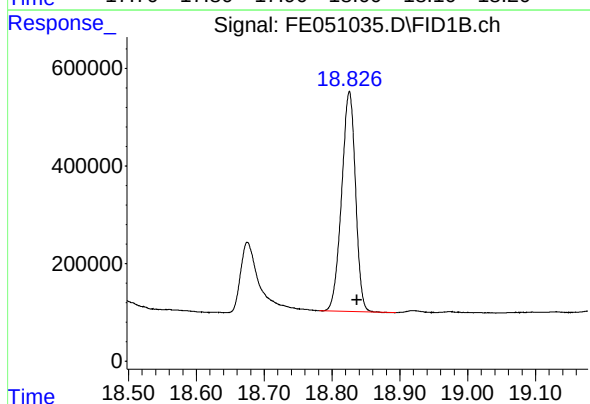
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.010 min
Response: 6311684
Conc: 39.70 ug/ml

Instrument :
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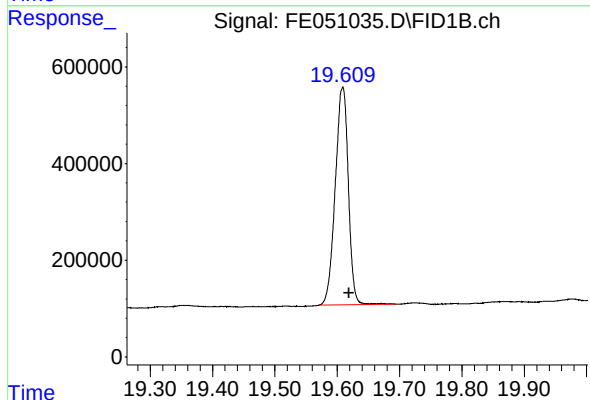
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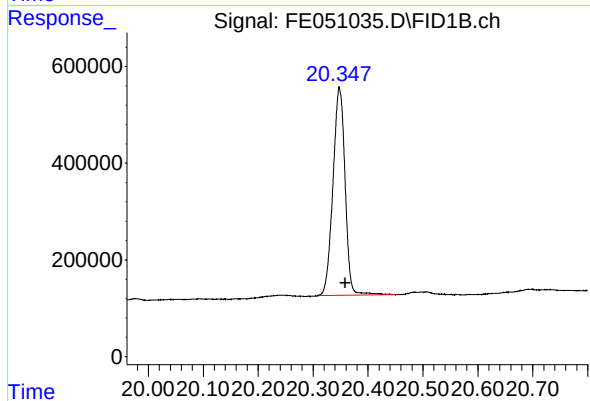
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.011 min
Response: 6417273
Conc: 39.58 ug/ml



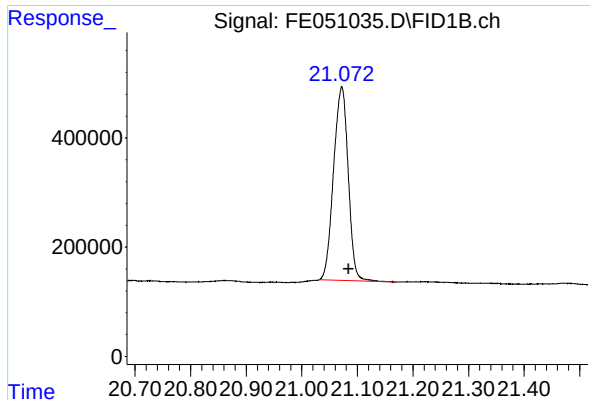
#19 n-Tetatriacontane (C34)

R.T.: 19.608 min
Delta R.T.: -0.011 min
Response: 6576994
Conc: 44.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.011 min
Response: 6602107
Conc: 52.06 ug/ml



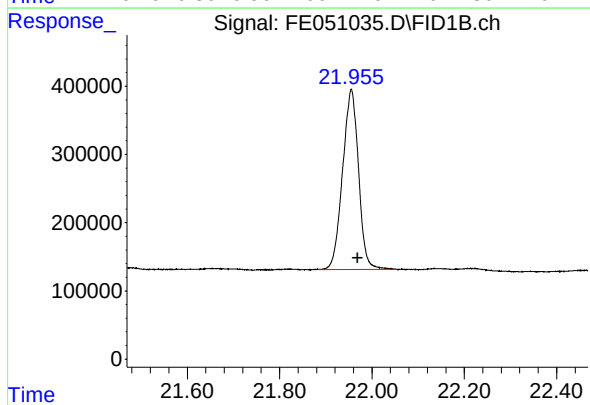
#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.013 min
Response: 6478431
Conc: 52.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.014 min
Response: 6326053
Conc: 56.81 ug/ml m