

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
 Data File : FE052960.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2025 16:55
 Operator : YP\AJ
 Sample : Q1634-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HR-01-032425MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/26/2025

Supervised By :mohammad ahmed 03/27/2025

Integration File: autoint1.e

Quant Time: Mar 26 03:25:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M

Quant Title : GC Extractables

QLast Update : Mon Mar 03 13:39:39 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)	11.908	4925864	29.219 ug/mlm
Spiked Amount 50.000		Recovery =	58.44%
12) S 1-chlorooctadecane (S...	13.352	3568209	29.386 ug/ml
Spiked Amount 50.000		Recovery =	58.77%
Target Compounds			
1) T n-Nonane (C9)	3.248	3706881	23.908 ug/ml
2) T n-Decane (C10)	4.510	4680283	29.793 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5793709	34.163 ug/ml
4) T n-Dodecane (C12)	6.692	7959609	51.122 ug/ml
5) T A~2-methylnaphthalene...	7.327	6914348	42.666 ug/ml
6) T n-Tetradecane (C14)	8.532	9378363	61.981 ug/mlm
7) T n-Hexadecane (C16)	10.146	10074434	65.894 ug/mlm
8) T n-Octadecane (C18)	11.595	9097963	59.799 ug/mlm
10) T n-Eicosane (C20)	12.909	8203270	56.506 ug/ml
11) T n-Heneicosane (C21)	13.522	6927813	48.675 ug/ml
13) T n-Docosane (C22)	14.110	5914466	41.561 ug/ml
14) T n-Tetracosane (C24)	15.206	9330271	65.197 ug/ml
15) T n-Hexacosane (C26)	16.241	4825678	33.937 ug/ml
16) T n-Octacosane (C28)	17.195	4775268	33.582 ug/ml
17) T n-Tricontane (C30)	18.086	5053922	34.217 ug/ml
18) T n-Dotriacontane (C32)	18.922	4809033	33.125 ug/ml
19) T n-Tetratriacontane (C34)	19.709	5136615	38.111 ug/ml
20) T n-Hexatriacontane (C36)	20.452	4748886	39.966 ug/ml
21) T n-Octatriacontane (C38)	21.198	4752004	42.835 ug/ml
22) T n-Tetracontane (C40)	22.123	5058768	46.790 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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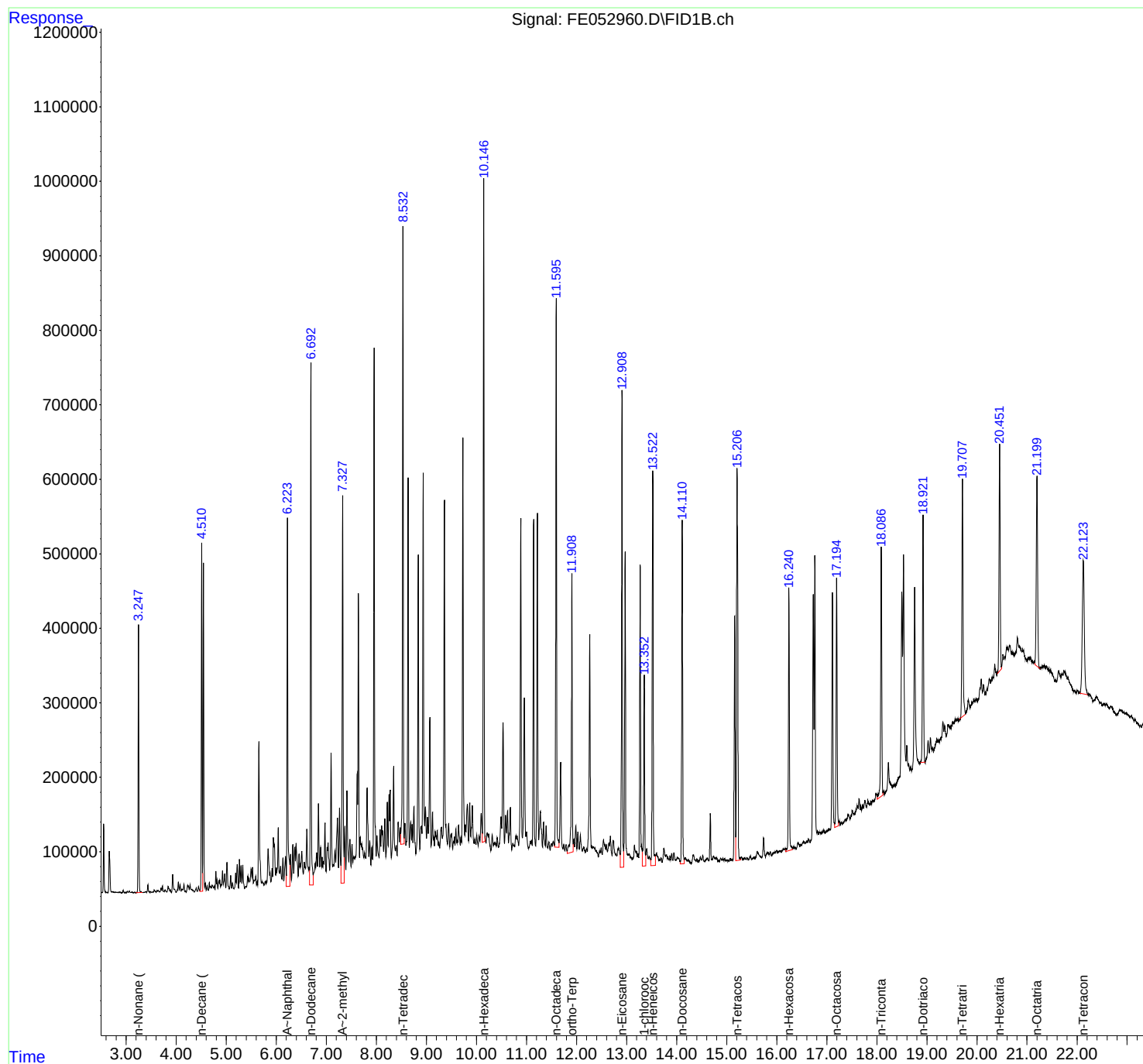
Instrument :
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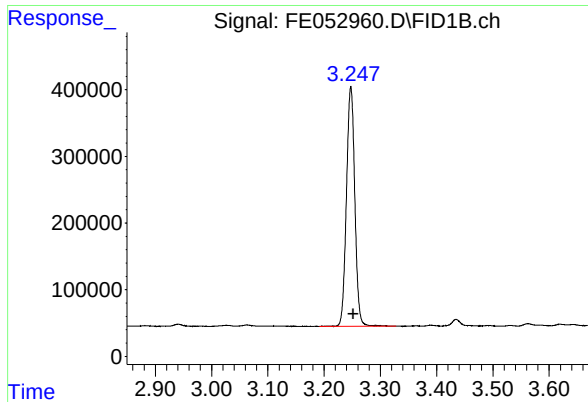
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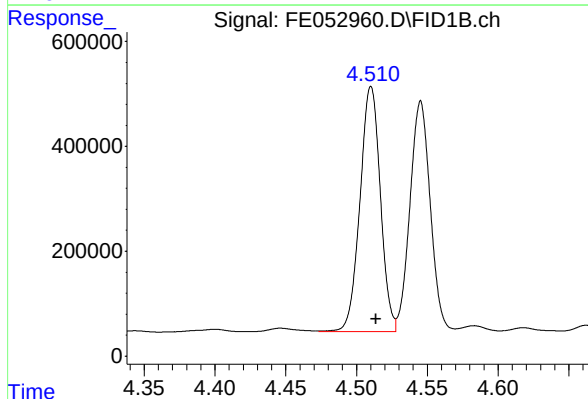
#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.004 min
Response: 3706881
Conc: 23.91 ug/ml

Instrument :
FID_E
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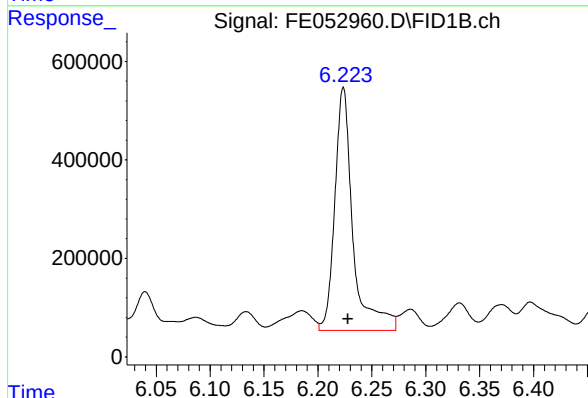
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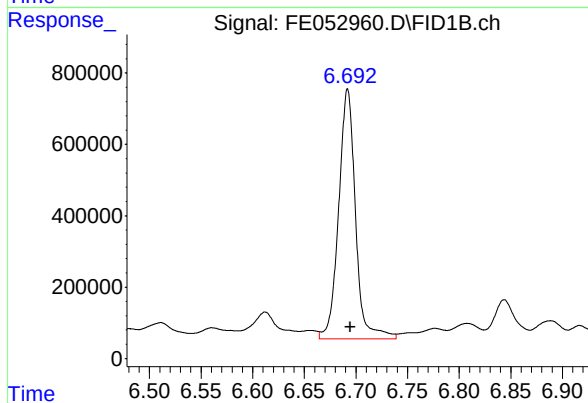
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.003 min
Response: 4680283
Conc: 29.79 ug/ml



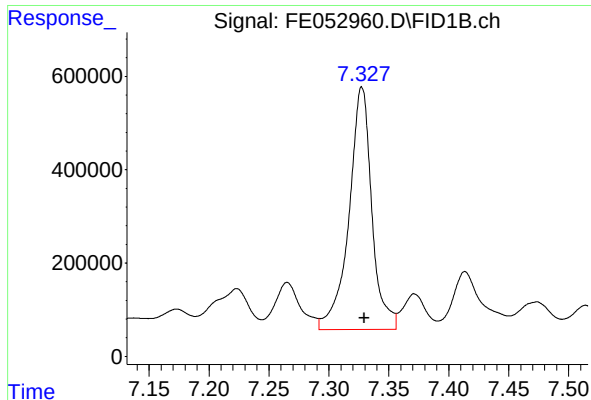
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 5793709
Conc: 34.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 7959609
Conc: 51.12 ug/ml



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

R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 6914348
Conc: 42.67 ug/ml

Instrument :

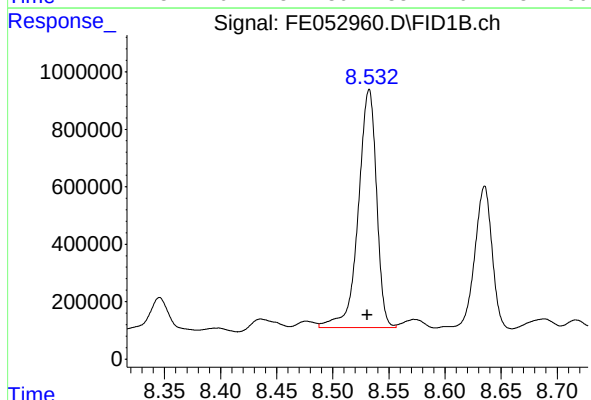
FID_E

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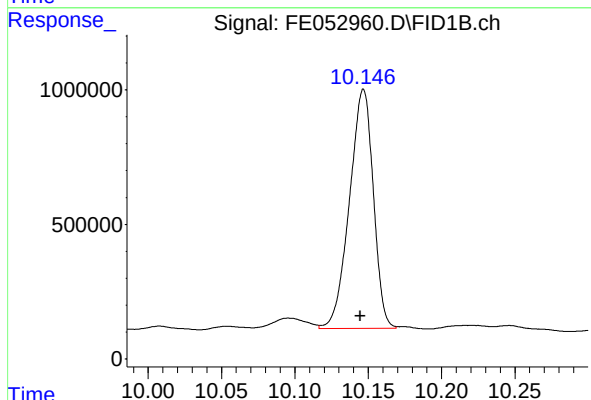
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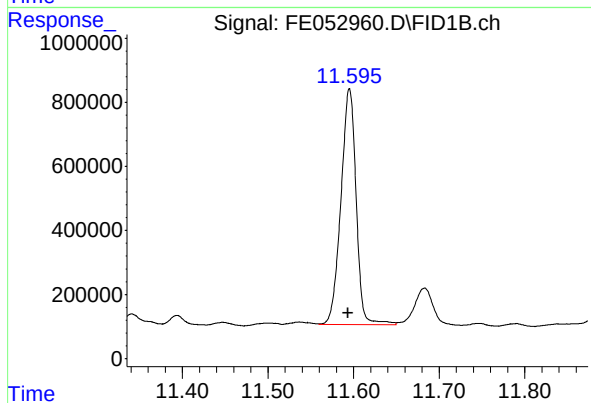
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 9378363
Conc: 61.98 ug/ml m



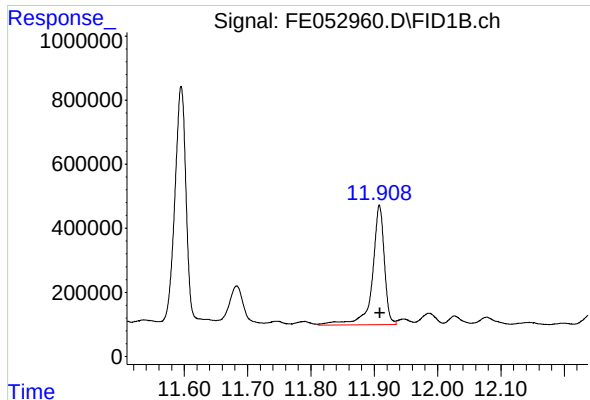
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.002 min
Response: 10074434
Conc: 65.89 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 9097963
Conc: 59.80 ug/ml m



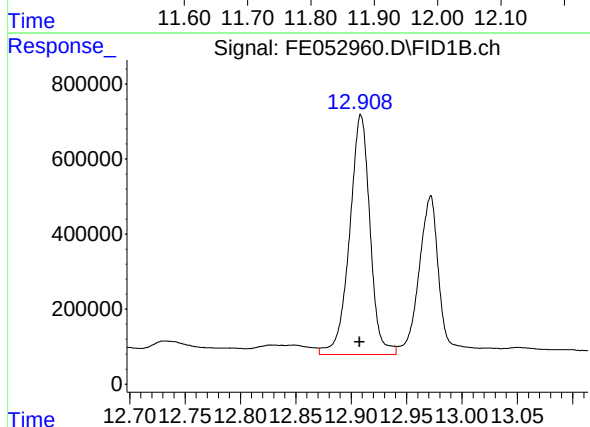
#9 ortho-Terphenyl (SURR)

R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 4925864
Conc: 29.22 ug/ml

Instrument :
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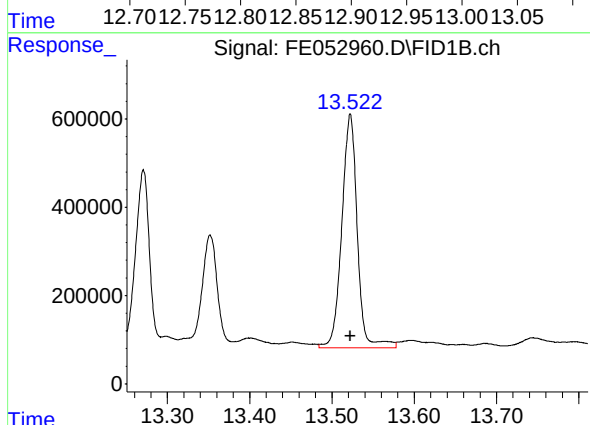
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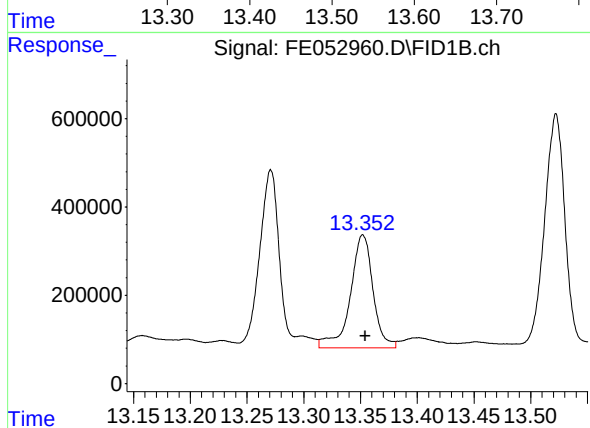
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.001 min
Response: 8203270
Conc: 56.51 ug/ml



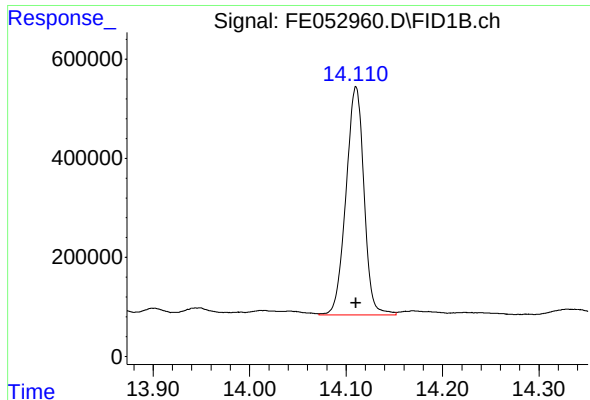
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 6927813
Conc: 48.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: -0.002 min
Response: 3568209
Conc: 29.39 ug/ml



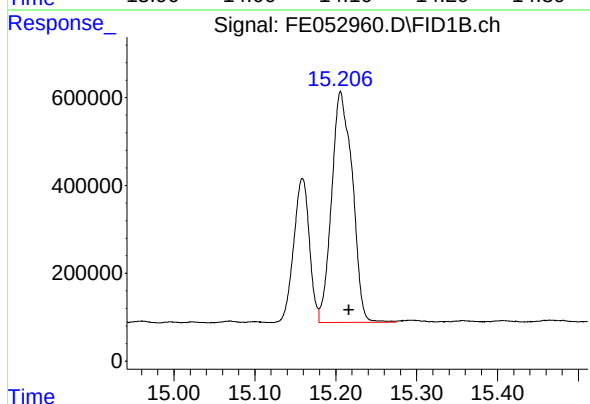
#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 5914466
Conc: 41.56 ug/ml

Instrument :
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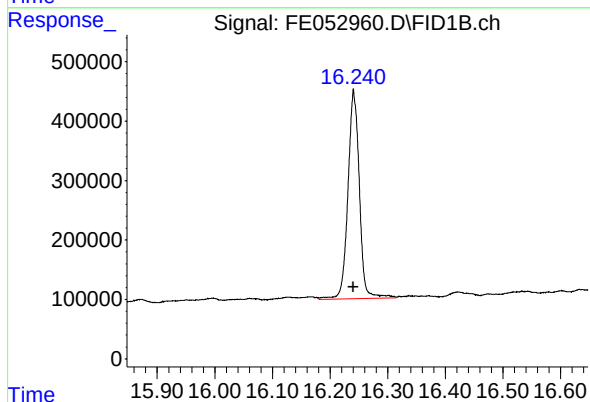
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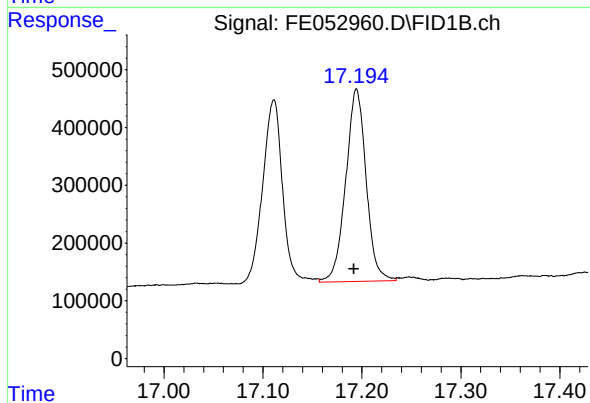
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.010 min
Response: 9330271
Conc: 65.20 ug/ml



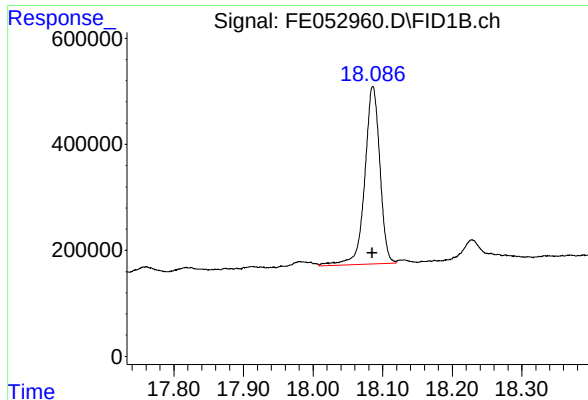
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 4825678
Conc: 33.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: 0.003 min
Response: 4775268
Conc: 33.58 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: 0.001 min
Response: 5053922
Conc: 34.22 ug/ml

Instrument :

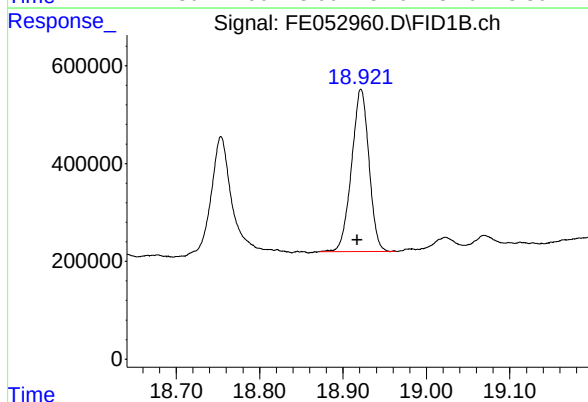
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ClientSampleId :

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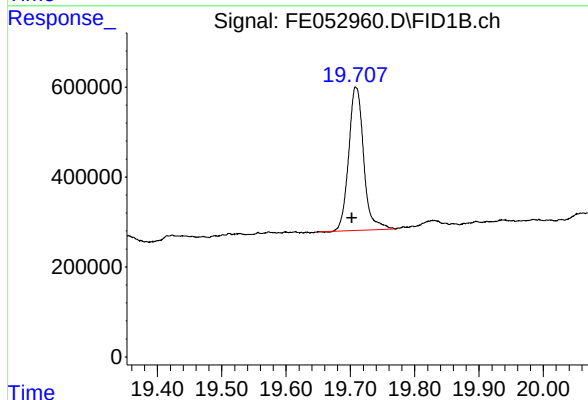
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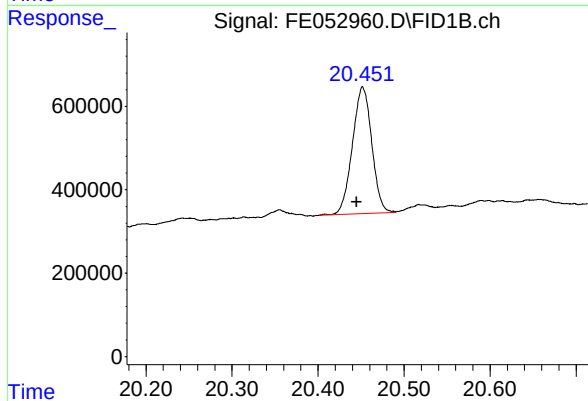
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: 0.005 min
Response: 4809033
Conc: 33.12 ug/ml



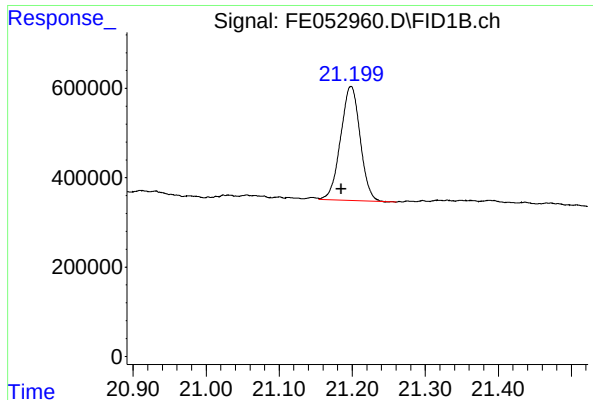
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.006 min
Response: 5136615
Conc: 38.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: 0.007 min
Response: 4748886
Conc: 39.97 ug/ml



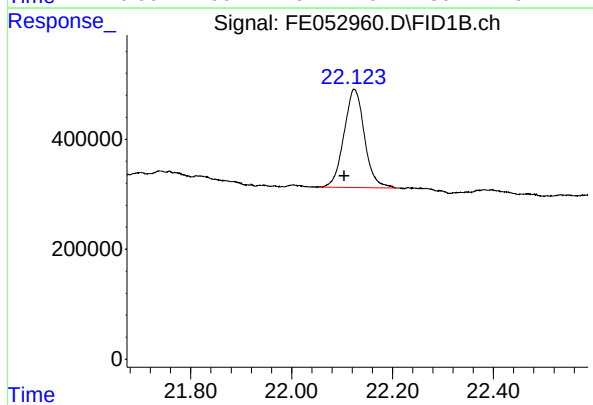
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.013 min
Response: 4752004
Conc: 42.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.019 min
Response: 5058768
Conc: 46.79 ug/ml m