

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112624AL\
 Data File : FE051465.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2024 14:16
 Operator : YP\AJ
 Sample : PB165256BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB165256BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :Ankita Jodhani 11/27/2024

Integration File: autoint1.e
 Quant Time: Nov 27 00:35:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.836	6157640	41.025 ug/ml
Spiked Amount 50.000		Recovery =	82.05%
12) S 1-chlorooctadecane (S...	13.269	5402127	47.583 ug/ml
Spiked Amount 50.000		Recovery =	95.17%
Target Compounds			
1) T n-Nonane (C9)	3.236	5104406	36.890 ug/ml
2) T n-Decane (C10)	4.479	5449801	38.878 ug/ml
3) T A~Naphthalene (C11.7)	6.187	5660806	42.934 ug/ml
4) T n-Dodecane (C12)	6.642	5795565	41.046 ug/ml
5) T A~2-methylnaphthalene...	7.282	5188529	41.477 ug/ml
6) T n-Tetradecane (C14)	8.469	6021352	43.206 ug/ml
7) T n-Hexadecane (C16)	10.074	5984789	42.174 ug/ml
8) T n-Octadecane (C18)	11.515	6023404	42.179 ug/ml
10) T n-Eicosane (C20)	12.823	6042223	44.151 ug/ml
11) T n-Heneicosane (C21)	13.433	5775513	43.216 ug/ml
13) T n-Docosane (C22)	14.018	5743015	43.197 ug/ml
14) T n-Tetracosane (C24)	15.122	10392272	78.339 ug/mlm
15) T n-Hexacosane (C26)	16.140	5574385	41.641 ug/ml
16) T n-Octacosane (C28)	17.087	6454744	47.347 ug/ml
17) T n-Tricontane (C30)	17.975	5533339	38.085 ug/ml
18) T n-Dotriacontane (C32)	18.806	5939164	39.999 ug/ml
19) T n-Tetratriacontane (C34)	19.589	5347724	39.800 ug/ml
20) T n-Hexatriacontane (C36)	20.328	5220993	43.757 ug/ml
21) T n-Octatriacontane (C38)	21.049	5308888	46.644 ug/mlm
22) T n-Tetracontane (C40)	21.924	5418240	48.716 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB165256BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

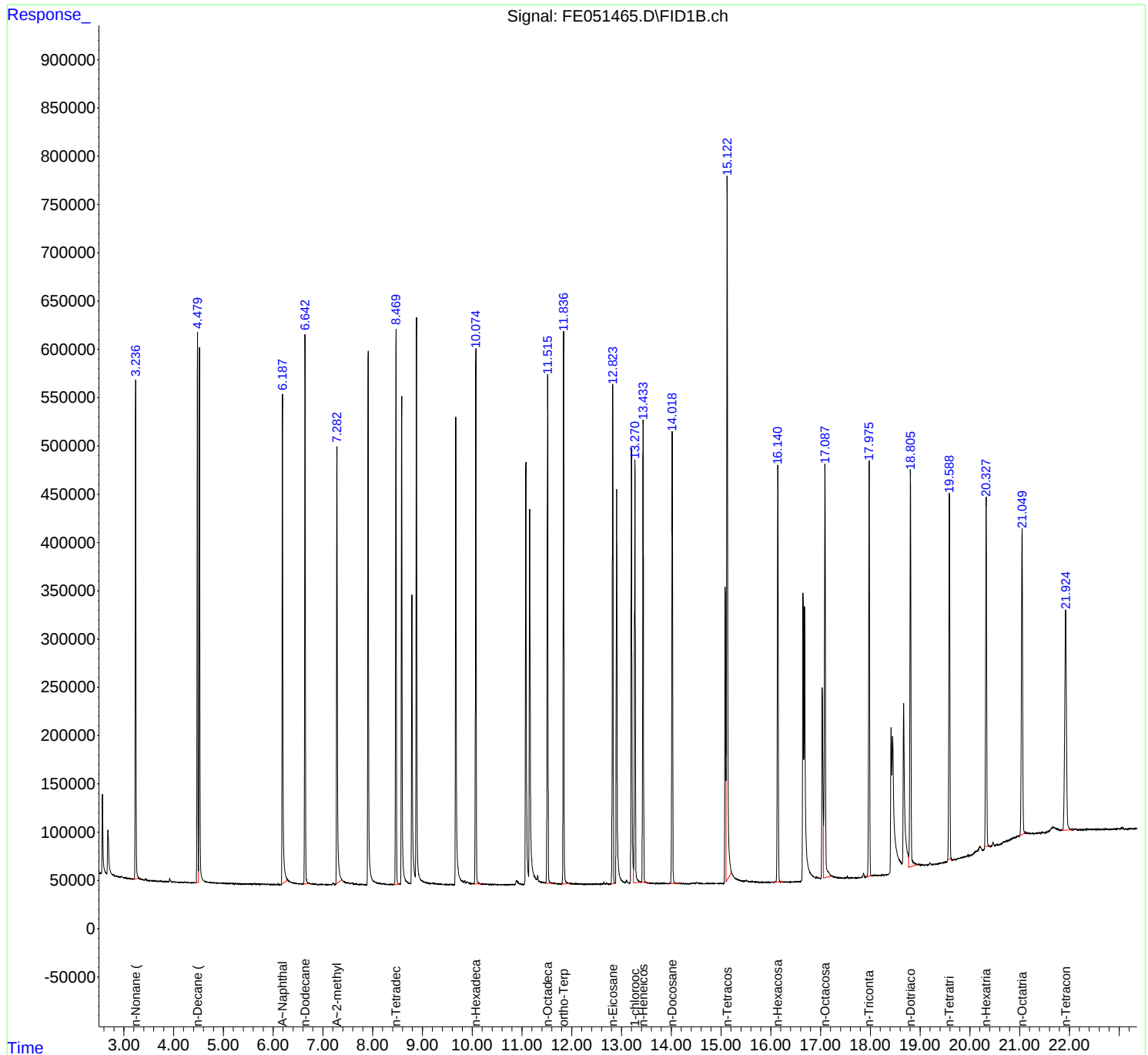
Instrument :
FID_E
ClientSampleId :
PB165256BSD

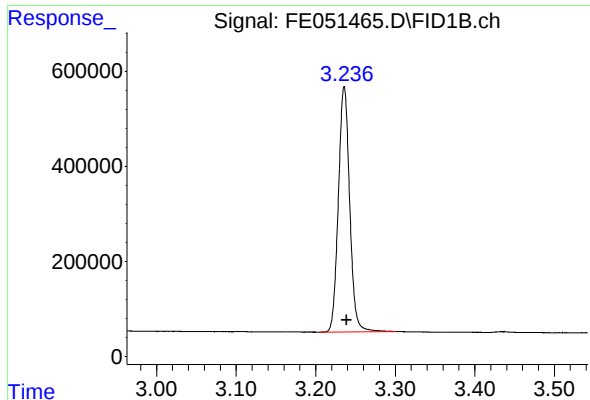
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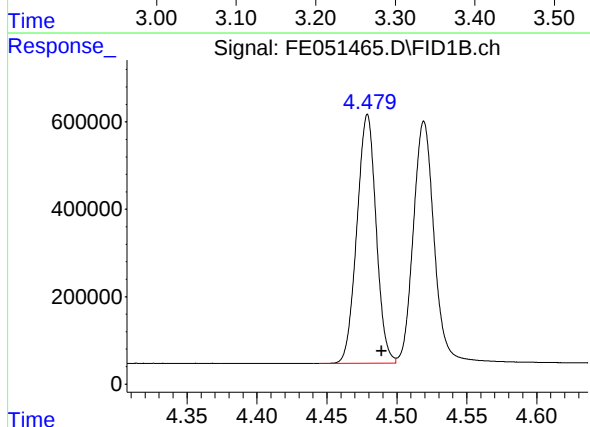
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 5104406
Conc: 36.89 ug/ml

Instrument :
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ClientSampleId :
PB165256BSD

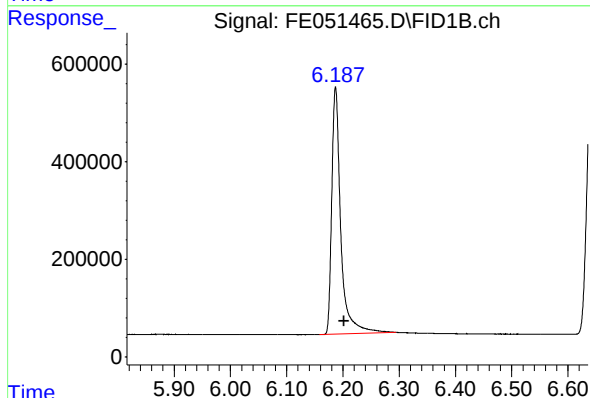
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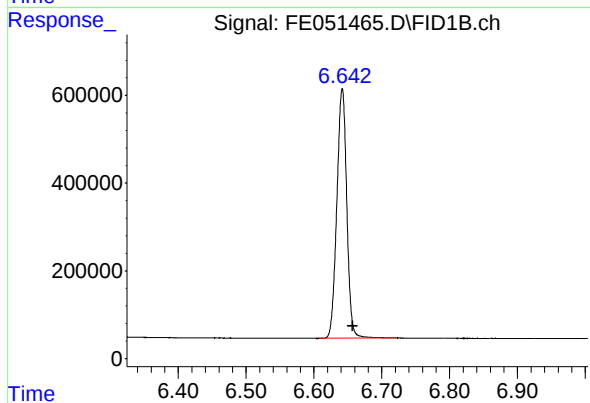
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.010 min
Response: 5449801
Conc: 38.88 ug/ml



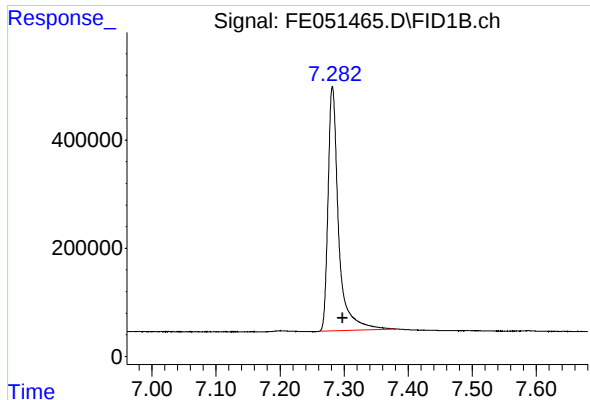
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.015 min
Response: 5660806
Conc: 42.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.642 min
Delta R.T.: -0.016 min
Response: 5795565
Conc: 41.05 ug/ml



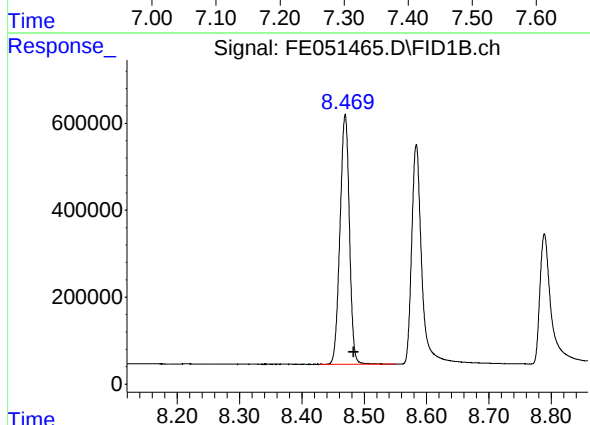
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: -0.016 min
Response: 5188529
Conc: 41.48 ug/ml

Instrument :
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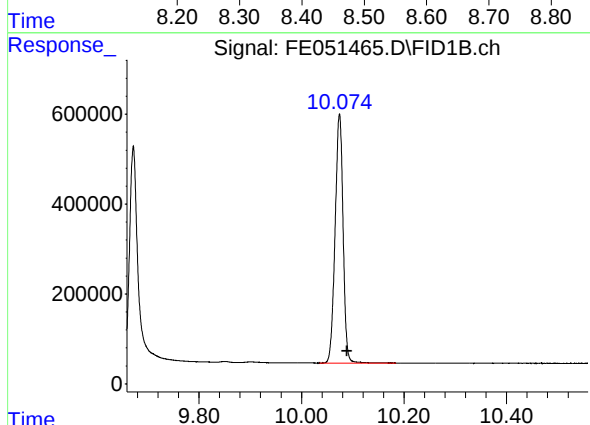
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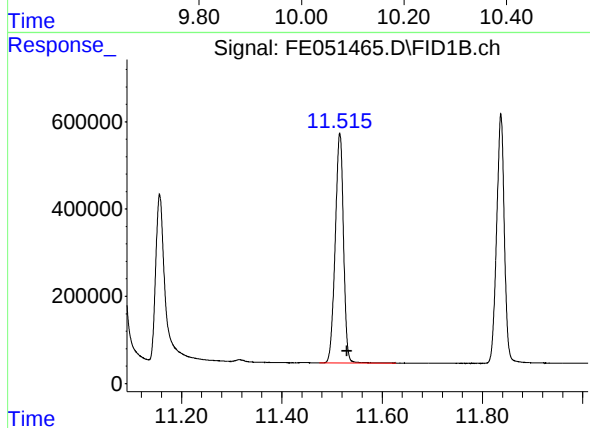
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.014 min
Response: 6021352
Conc: 43.21 ug/ml



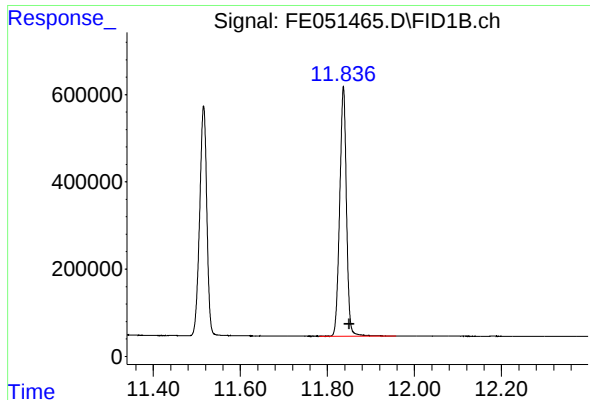
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: -0.015 min
Response: 5984789
Conc: 42.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.515 min
Delta R.T.: -0.015 min
Response: 6023404
Conc: 42.18 ug/ml



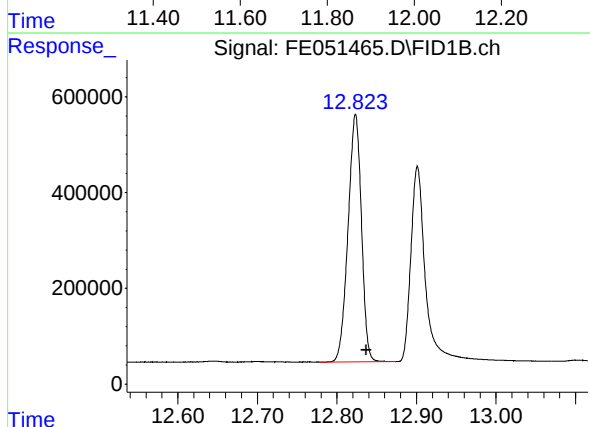
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.014 min
Response: 6157640
Conc: 41.02 ug/ml

Instrument :
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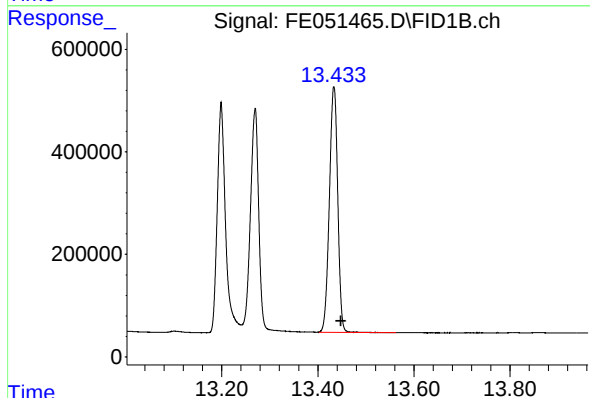
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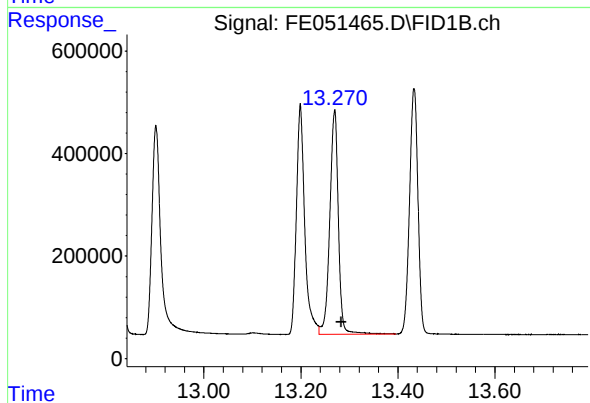
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.014 min
Response: 6042223
Conc: 44.15 ug/ml



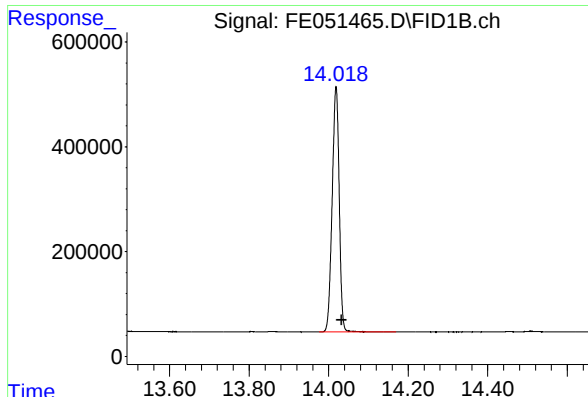
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: -0.015 min
Response: 5775513
Conc: 43.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.014 min
Response: 5402127
Conc: 47.58 ug/ml



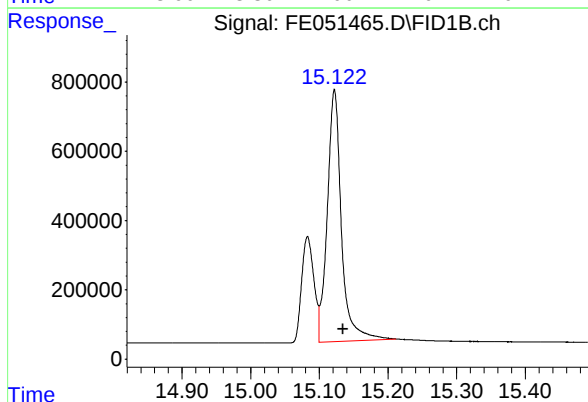
#13 n-Docosane (C22)

R.T.: 14.018 min
Delta R.T.: -0.015 min
Response: 5743015
Conc: 43.20 ug/ml

Instrument :
FID_E
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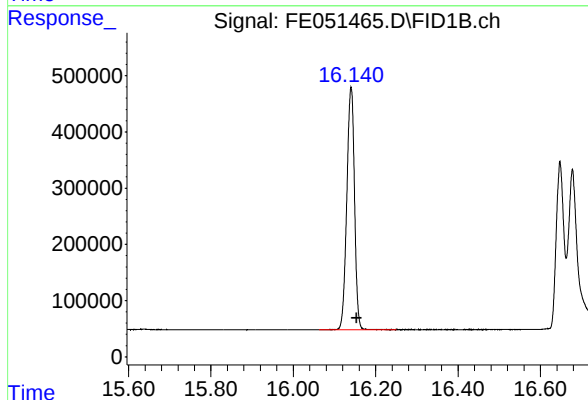
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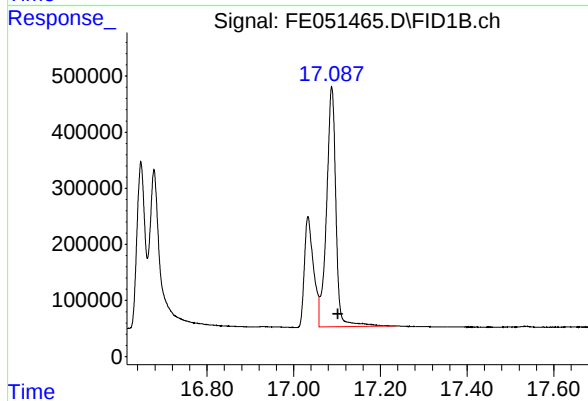
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: -0.013 min
Response: 10392272
Conc: 78.34 ug/ml



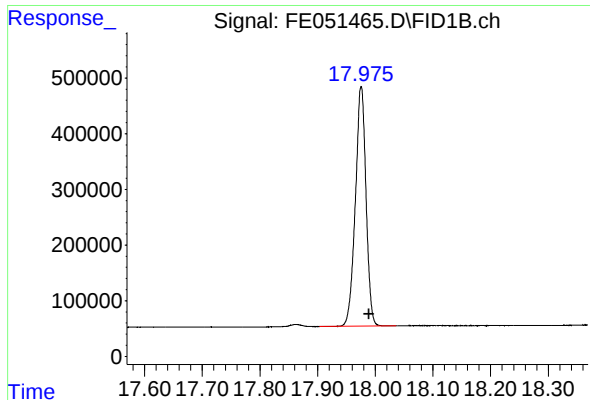
#15 n-Hexacosane (C26)

R.T.: 16.140 min
Delta R.T.: -0.014 min
Response: 5574385
Conc: 41.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.087 min
Delta R.T.: -0.015 min
Response: 6454744
Conc: 47.35 ug/ml



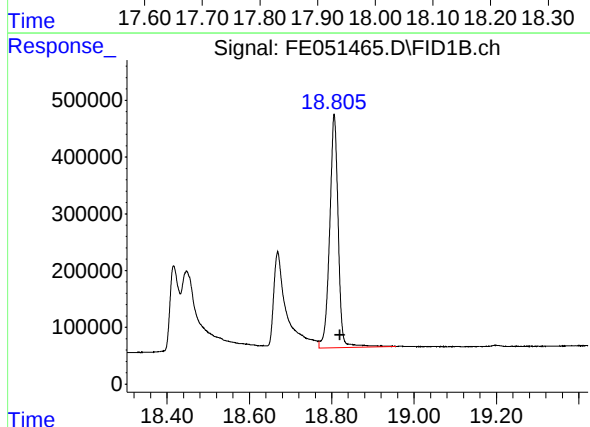
#17 n-Tricontane (C30)

R.T.: 17.975 min
Delta R.T.: -0.014 min
Response: 5533339
Conc: 38.09 ug/ml

Instrument :
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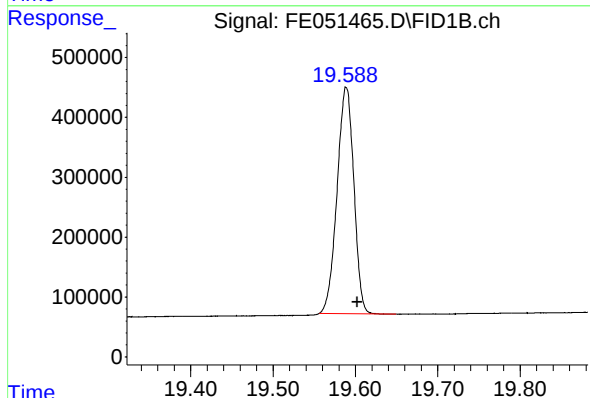
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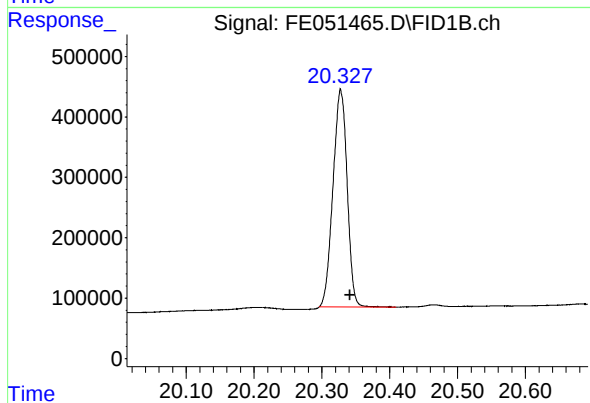
#18 n-Dotriacontane (C32)

R.T.: 18.806 min
Delta R.T.: -0.014 min
Response: 5939164
Conc: 40.00 ug/ml



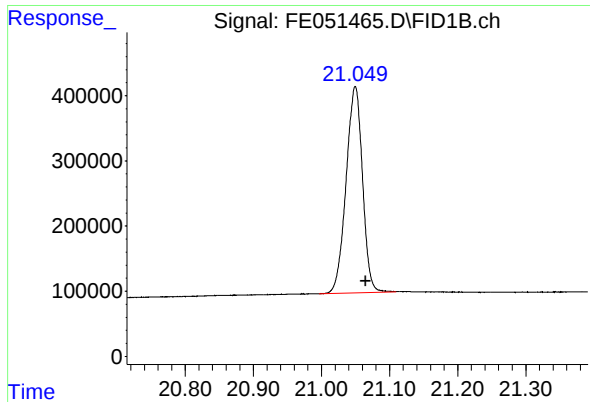
#19 n-Tetratriacontane (C34)

R.T.: 19.589 min
Delta R.T.: -0.014 min
Response: 5347724
Conc: 39.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: -0.014 min
Response: 5220993
Conc: 43.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.049 min
Delta R.T.: -0.015 min
Response: 5308888
Conc: 46.64 ug/ml

Instrument :

FID_E

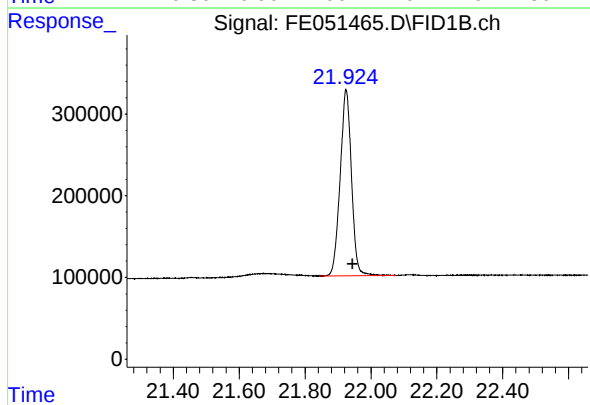
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#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: -0.020 min
Response: 5418240
Conc: 48.72 ug/ml