

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054151.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 14:55
 Operator : YP\AJ
 Sample : PB168239BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168239BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/04/2025
 Supervised By :mohammad ahmed 06/05/2025

Integration File: autoint1.e
 Quant Time: Jun 04 02:51:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.839	5780344	35.569 ug/ml
Spiked Amount 50.000		Recovery =	71.14%
12) S 1-chlorooctadecane (S...	13.284	4665030	39.351 ug/ml
Spiked Amount 50.000		Recovery =	78.70%
Target Compounds			
1) T n-Nonane (C9)	3.202	4598745	34.026 ug/ml
2) T n-Decane (C10)	4.457	4734271	35.035 ug/ml
3) T A~Naphthalene (C11.7)	6.166	5616255	39.079 ug/ml
4) T n-Dodecane (C12)	6.632	4998642	36.645 ug/ml
5) T A~2-methylnaphthalene...	7.266	5027021	36.242 ug/ml
6) T n-Tetradecane (C14)	8.466	4973183	36.852 ug/ml
7) T n-Hexadecane (C16)	10.078	5013584	37.156 ug/ml
8) T n-Octadecane (C18)	11.525	4927954	36.596 ug/ml
10) T n-Eicosane (C20)	12.839	5019523	38.192 ug/ml
11) T n-Heneicosane (C21)	13.451	4789857	36.946 ug/ml
13) T n-Docosane (C22)	14.039	4726452	37.048 ug/ml
14) T n-Tetracosane (C24)	15.140	10145034	81.085 ug/ml
15) T n-Hexacosane (C26)	16.169	4630815	37.818 ug/ml
16) T n-Octacosane (C28)	17.119	4852824	39.920 ug/ml
17) T n-Tricontane (C30)	18.010	4616677	37.063 ug/ml
18) T n-Dotriacontane (C32)	18.843	4638741	37.094 ug/mlm
19) T n-Tetratriacontane (C34)	19.628	4479444	37.604 ug/ml
20) T n-Hexatriacontane (C36)	20.370	4278413	36.951 ug/ml
21) T n-Octatriacontane (C38)	21.098	3901549	35.851 ug/ml
22) T n-Tetracontane (C40)	21.991	3565656	35.933 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB168239BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

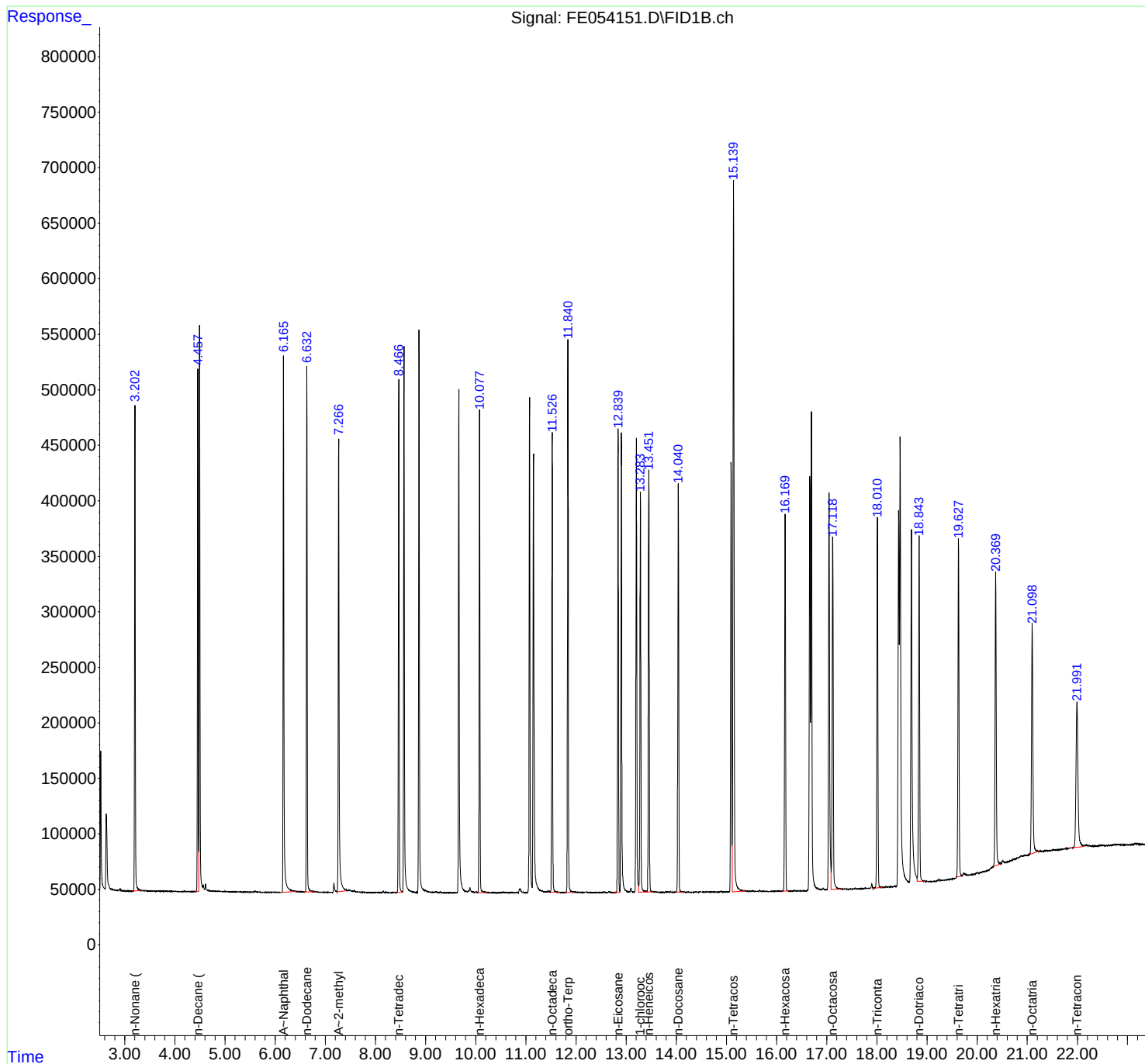
Instrument :
FID_E
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PB168239BSD

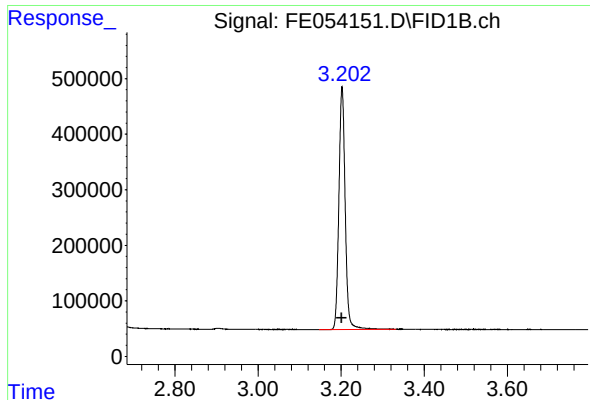
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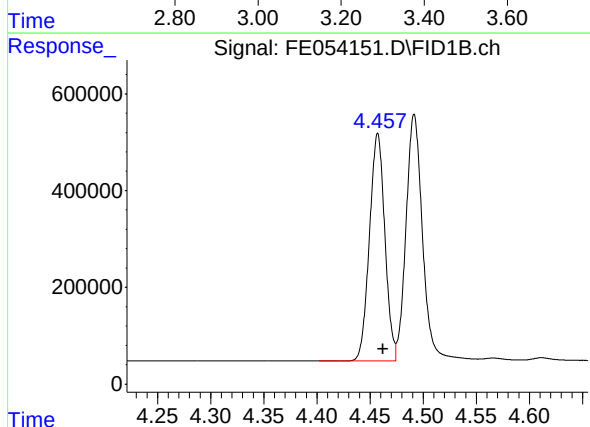
#1 n-Nonane (C9)

R.T.: 3.202 min
Delta R.T.: 0.000 min
Response: 4598745
Conc: 34.03 ug/ml

Instrument :
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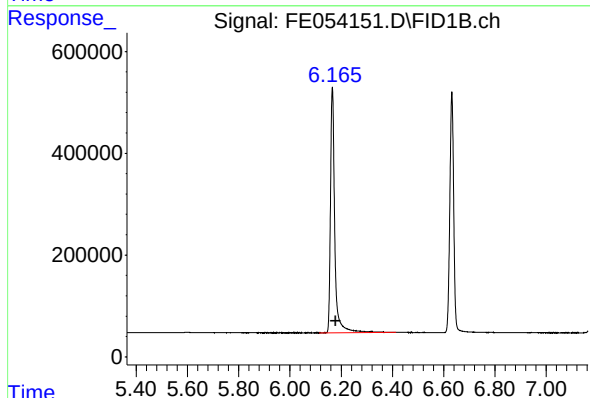
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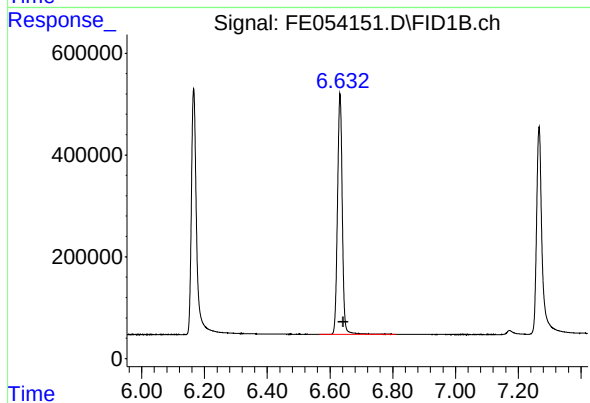
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.005 min
Response: 4734271
Conc: 35.03 ug/ml



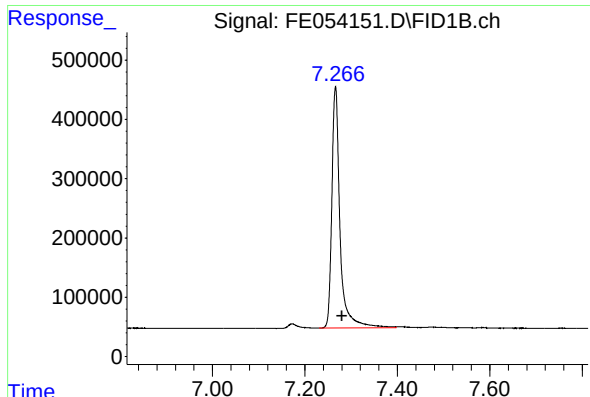
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.013 min
Response: 5616255
Conc: 39.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 4998642
Conc: 36.65 ug/ml



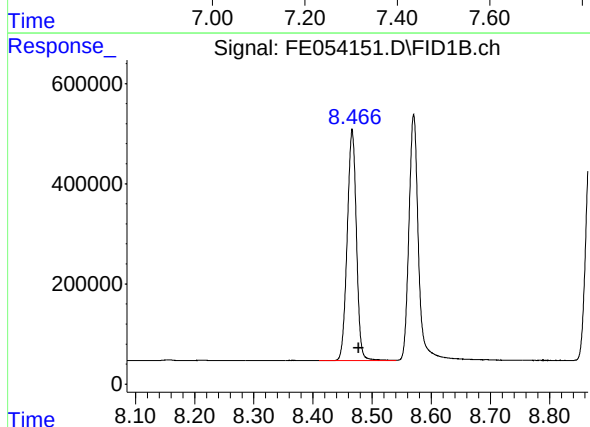
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: -0.014 min
Response: 5027021
Conc: 36.24 ug/ml

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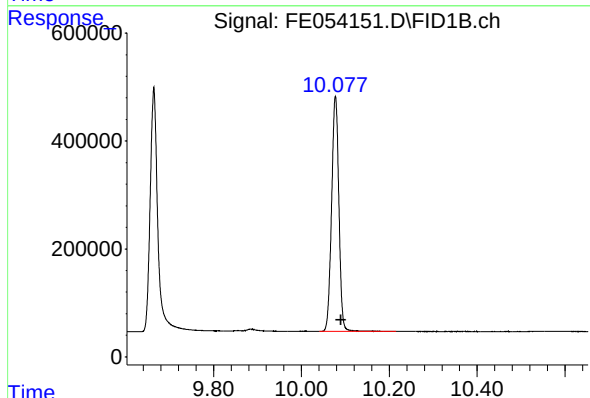
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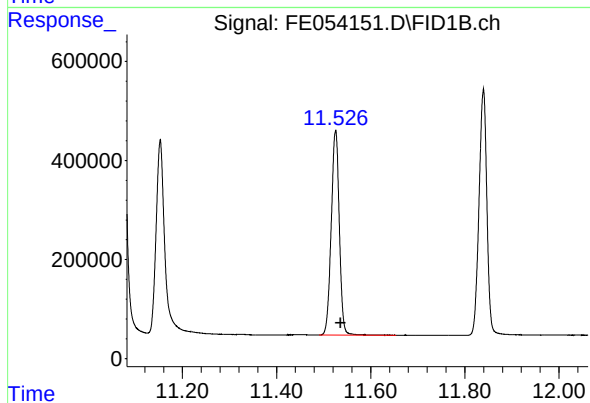
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.011 min
Response: 4973183
Conc: 36.85 ug/ml



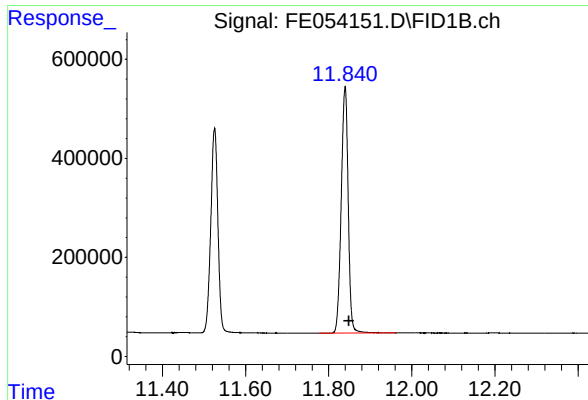
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.012 min
Response: 5013584
Conc: 37.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.010 min
Response: 4927954
Conc: 36.60 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.009 min
Response: 5780344
Conc: 35.57 ug/ml

Instrument :

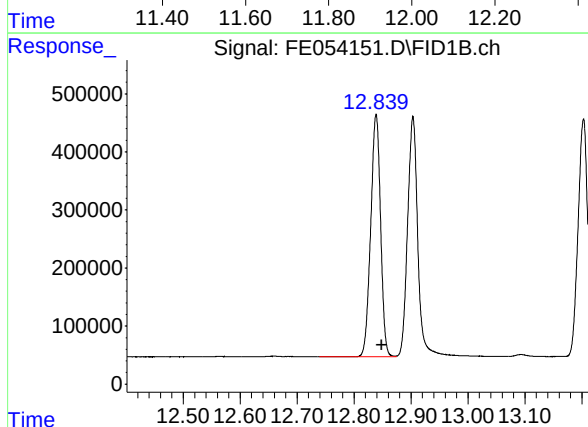
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ClientSampleId :

PB168239BSD

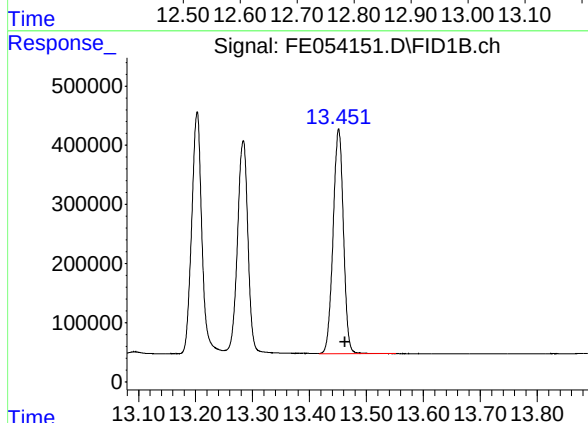
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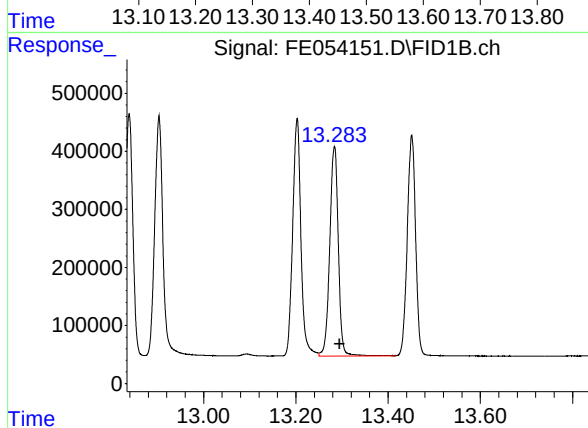
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.010 min
Response: 5019523
Conc: 38.19 ug/ml



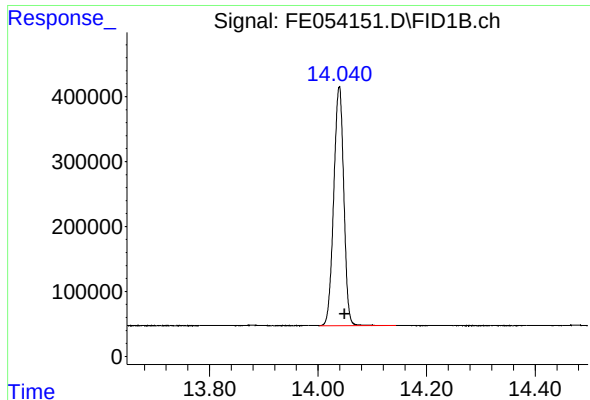
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.011 min
Response: 4789857
Conc: 36.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: -0.011 min
Response: 4665030
Conc: 39.35 ug/ml



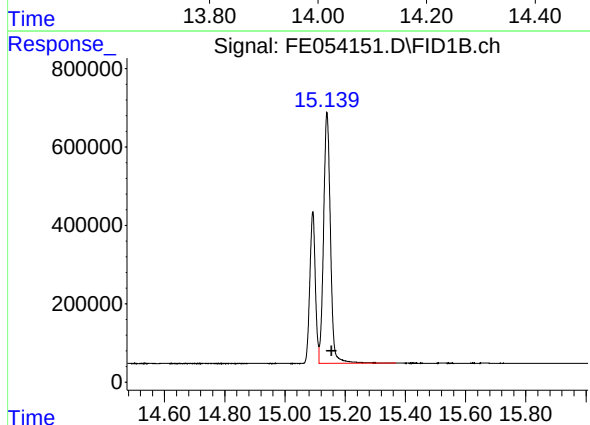
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.010 min
Response: 4726452
Conc: 37.05 ug/ml

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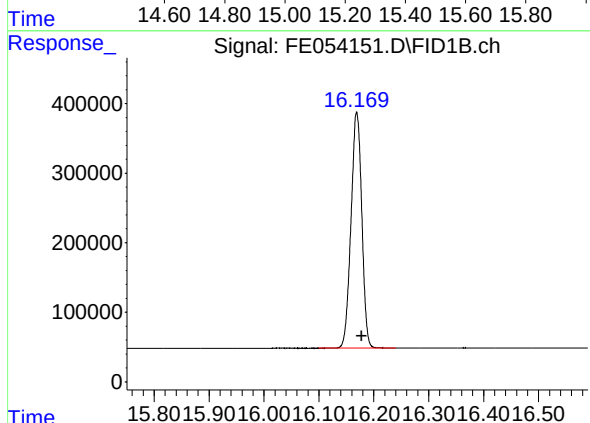
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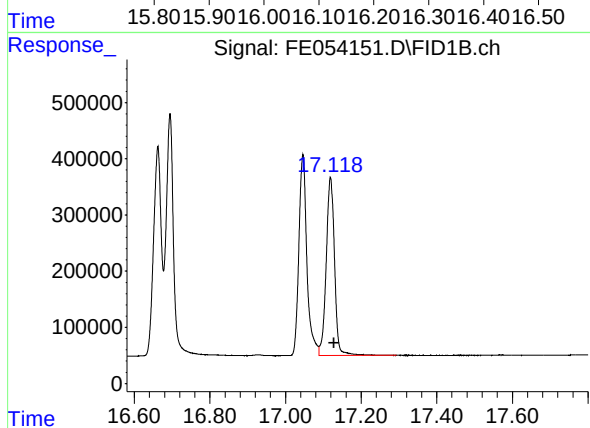
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.015 min
Response: 10145034
Conc: 81.08 ug/ml



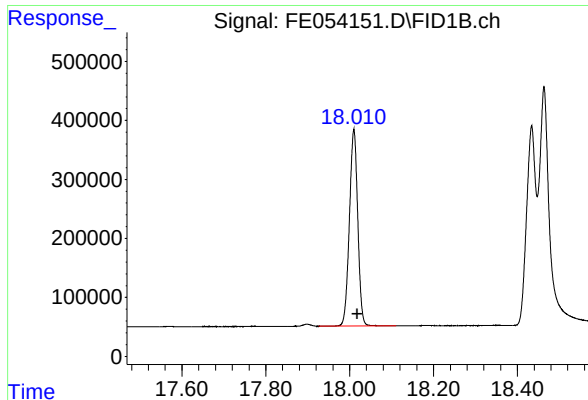
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: -0.009 min
Response: 4630815
Conc: 37.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.119 min
Delta R.T.: -0.010 min
Response: 4852824
Conc: 39.92 ug/ml



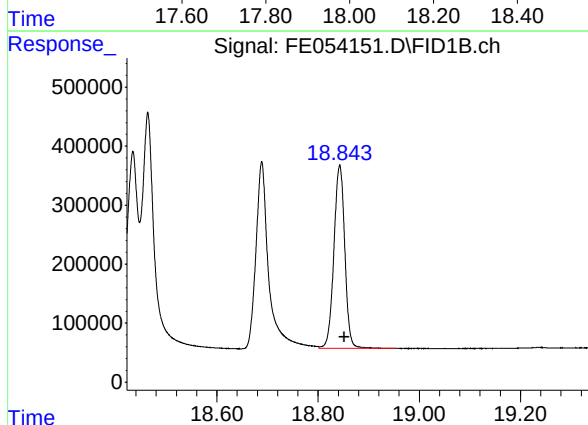
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.008 min
Response: 4616677
Conc: 37.06 ug/ml

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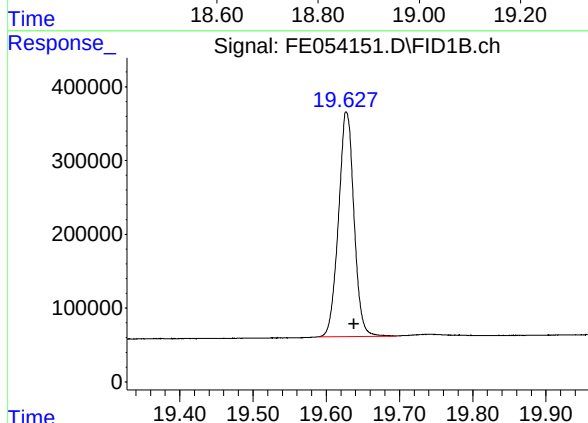
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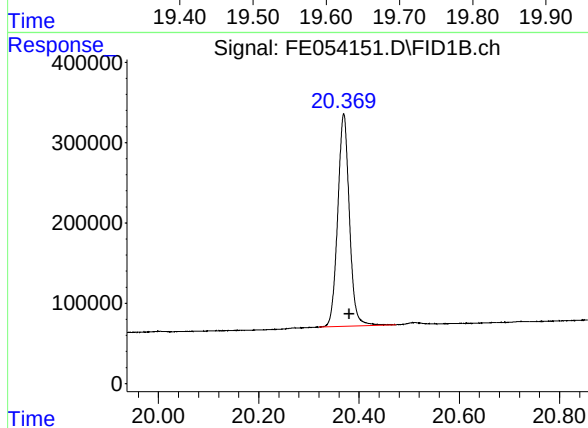
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.009 min
Response: 4638741
Conc: 37.09 ug/ml



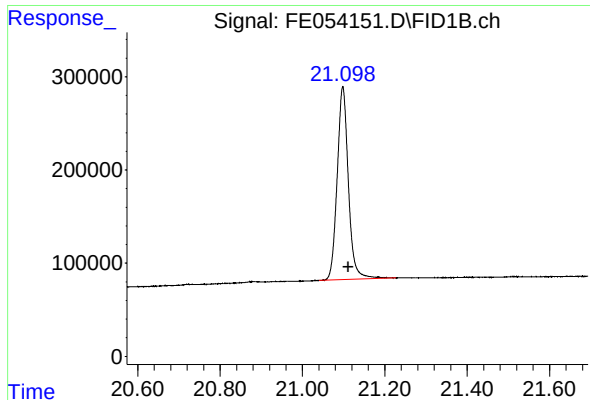
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: -0.010 min
Response: 4479444
Conc: 37.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.011 min
Response: 4278413
Conc: 36.95 ug/ml



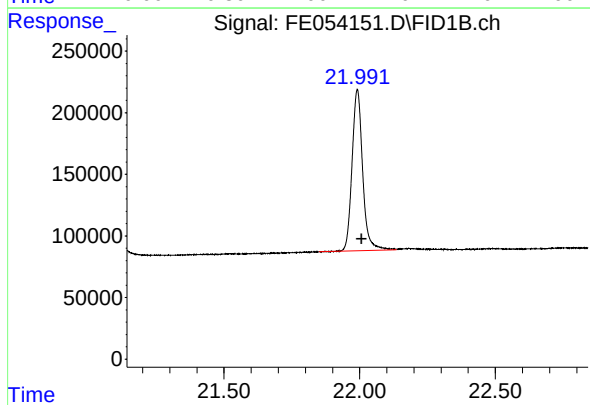
#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.013 min
Response: 3901549
Conc: 35.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.016 min
Response: 3565656
Conc: 35.93 ug/ml