

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049131.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 14:40
 Operator : YP\AJ
 Sample : PB162085BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162085BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:37:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.924	6980972	41.750 ug/ml
Spiked Amount 50.000		Recovery =	83.50%
12) S 1-chlorooctadecane (S...	13.359	5919268	46.032 ug/ml
Spiked Amount 50.000		Recovery =	92.06%
Target Compounds			
1) T n-Nonane (C9)	3.314	5030496	33.460 ug/ml
2) T n-Decane (C10)	4.561	5442325	35.365 ug/ml
3) T A~Naphthalene (C11.7)	6.265	6202719	39.071 ug/ml
4) T n-Dodecane (C12)	6.724	5564734	36.047 ug/ml
5) T A~2-methylnaphthalene...	7.362	6291197	41.543 ug/ml
6) T n-Tetradecane (C14)	8.554	5991768	39.094 ug/ml
7) T n-Hexadecane (C16)	10.160	6070778	38.826 ug/ml
8) T n-Octadecane (C18)	11.604	6011158	37.691 ug/ml
10) T n-Eicosane (C20)	12.913	6003518	38.724 ug/ml
11) T n-Heneicosane (C21)	13.525	5800532	38.095 ug/ml
13) T n-Docosane (C22)	14.111	5762446	38.103 ug/ml
14) T n-Tetracosane (C24)	15.209	11008212	73.251 ug/ml
15) T n-Hexacosane (C26)	16.235	5735021	38.847 ug/ml
16) T n-Octacosane (C28)	17.183	5902764	40.930 ug/ml
17) T n-Tricontane (C30)	18.071	5800009	39.645 ug/ml
18) T n-Dotriacontane (C32)	18.902	5896004	41.237 ug/ml
19) T n-Tetratriacontane (C34)	19.685	5996940	43.339 ug/mlm
20) T n-Hexatriacontane (C36)	20.424	6052856	46.572 ug/mlm
21) T n-Octatriacontane (C38)	21.161	6334342	49.412 ug/ml
22) T n-Tetracontane (C40)	22.072	6258492	51.107 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB162085BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

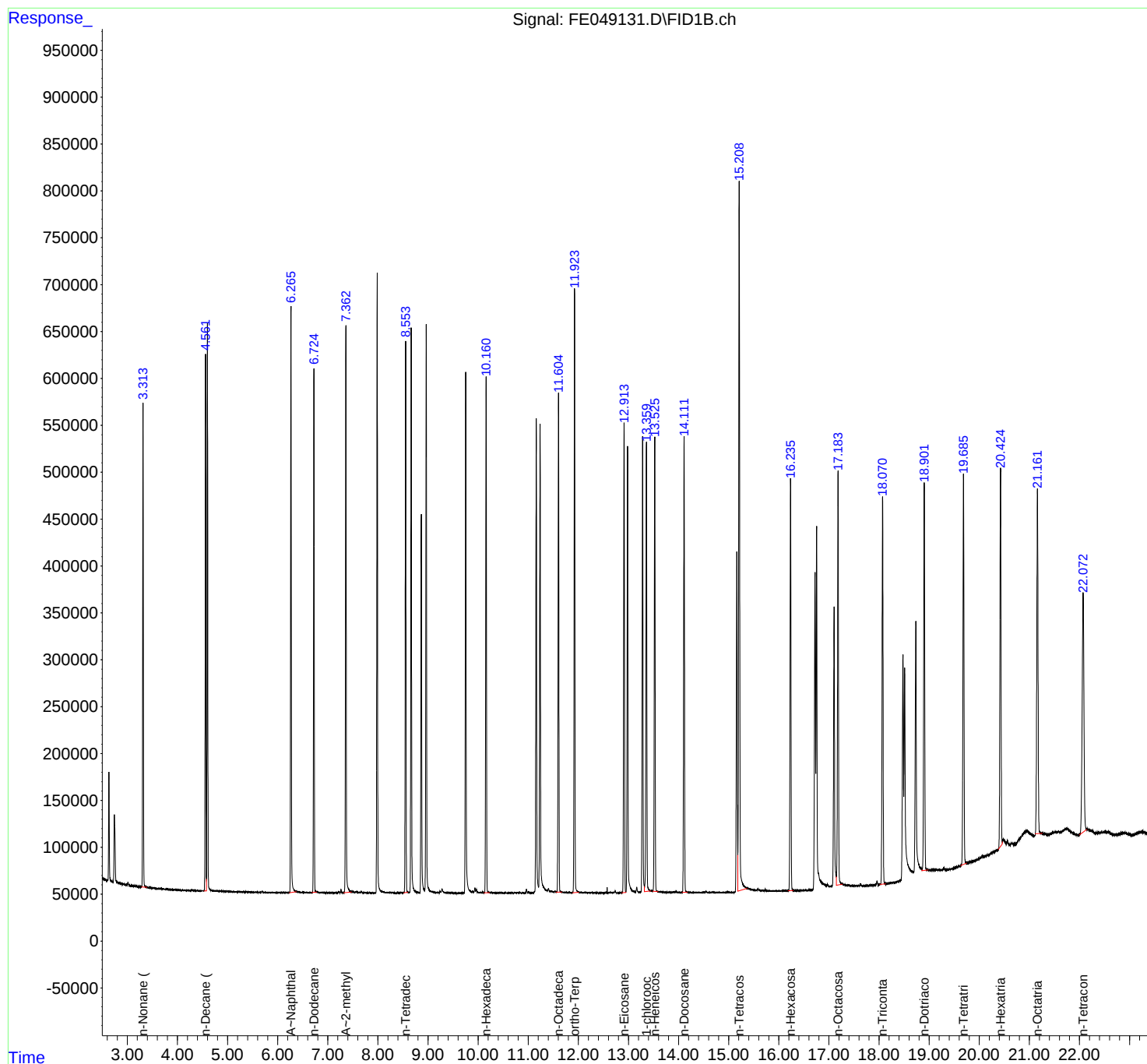
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FID_E
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PB162085BSD

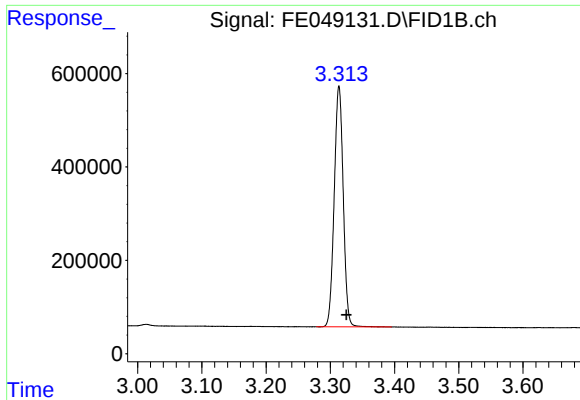
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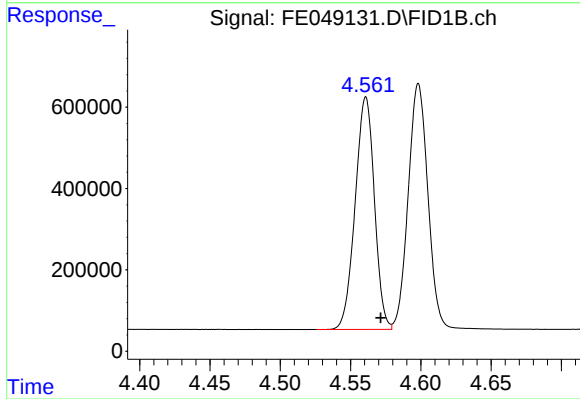
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.011 min
Response: 5030496
Conc: 33.46 ug/ml

Instrument :
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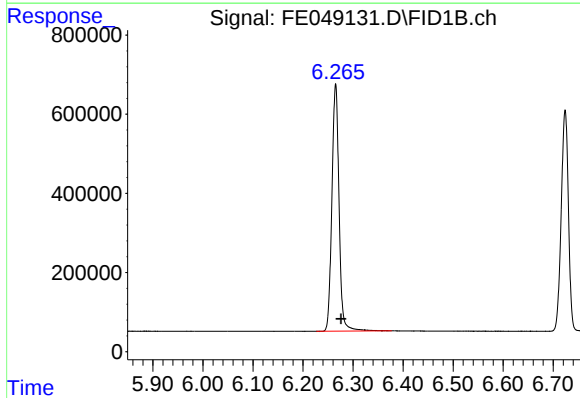
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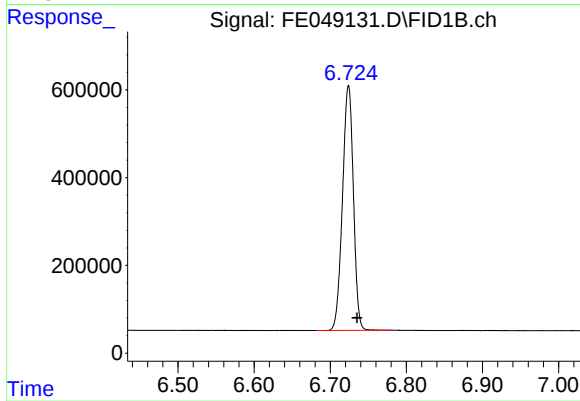
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.011 min
Response: 5442325
Conc: 35.36 ug/ml



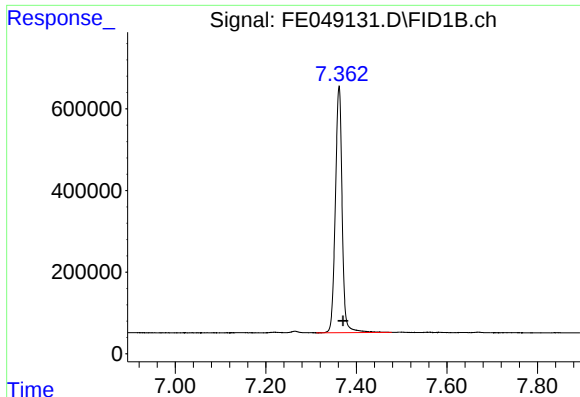
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.011 min
Response: 6202719
Conc: 39.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.011 min
Response: 5564734
Conc: 36.05 ug/ml



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

R.T.: 7.362 min
Delta R.T.: -0.009 min
Response: 6291197
Conc: 41.54 ug/ml

Instrument :

FID_E

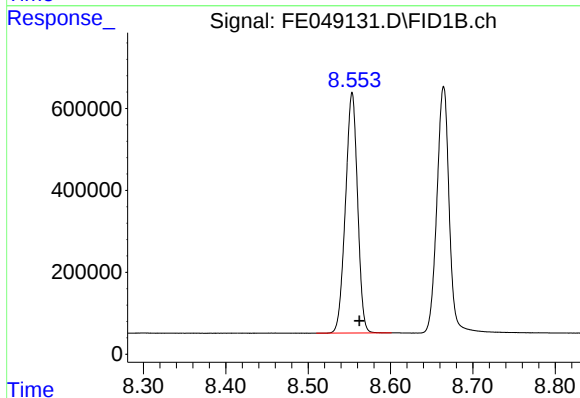
ClientSampleId :

PB162085BSD

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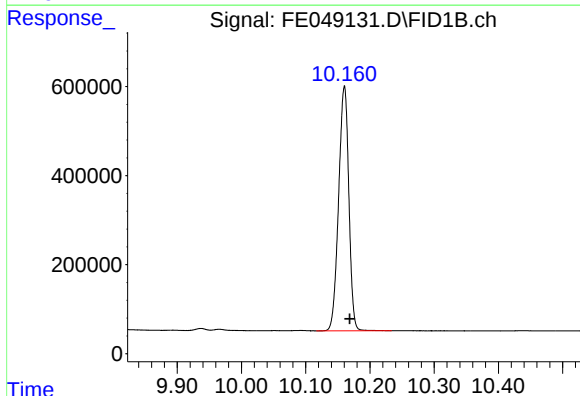
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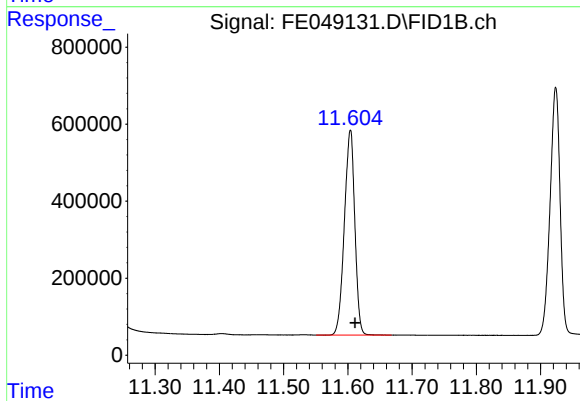
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.009 min
Response: 5991768
Conc: 39.09 ug/ml



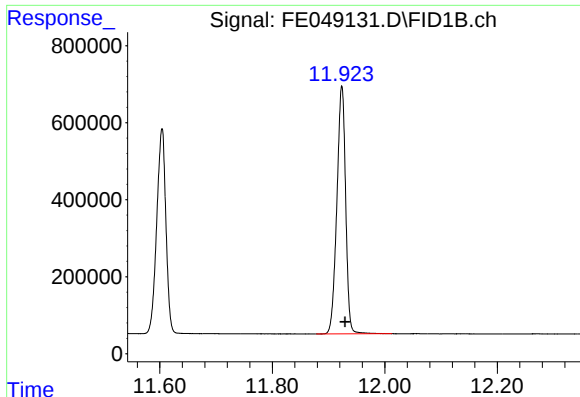
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.008 min
Response: 6070778
Conc: 38.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.007 min
Response: 6011158
Conc: 37.69 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: -0.006 min
Response: 6980972
Conc: 41.75 ug/ml

Instrument :

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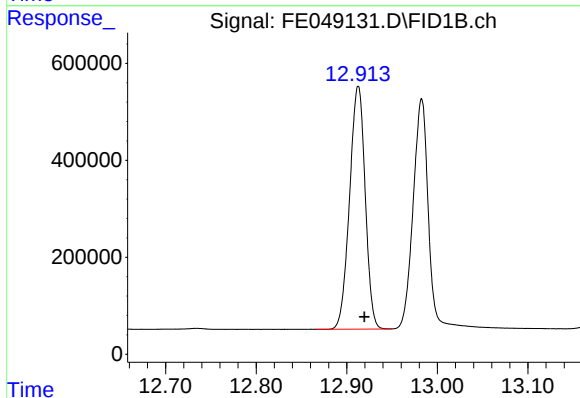
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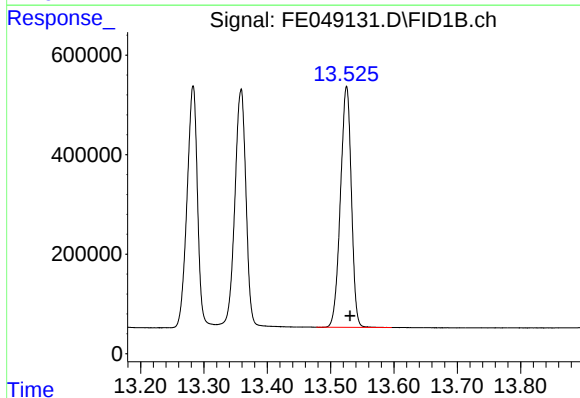
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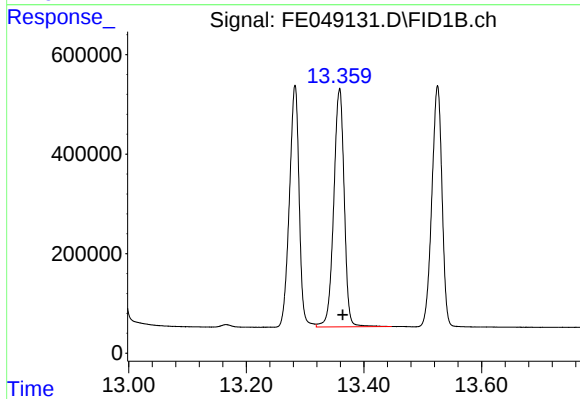
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.007 min
Response: 6003518
Conc: 38.72 ug/ml



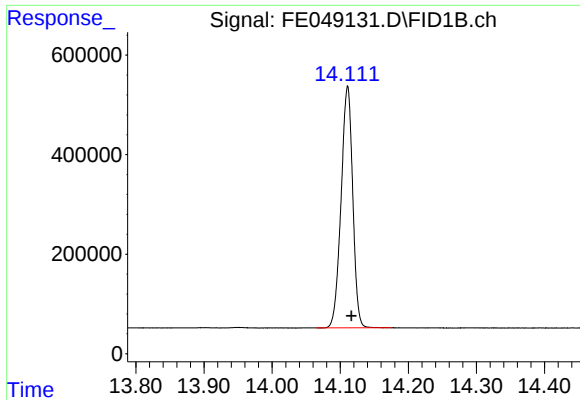
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.006 min
Response: 5800532
Conc: 38.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.005 min
Response: 5919268
Conc: 46.03 ug/ml



#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: -0.006 min
Response: 5762446
Conc: 38.10 ug/ml

Instrument :

FID_E

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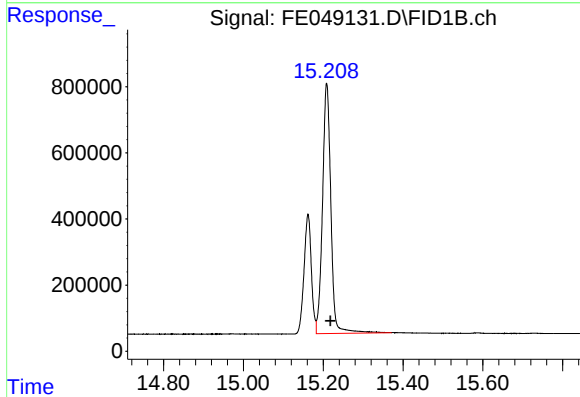
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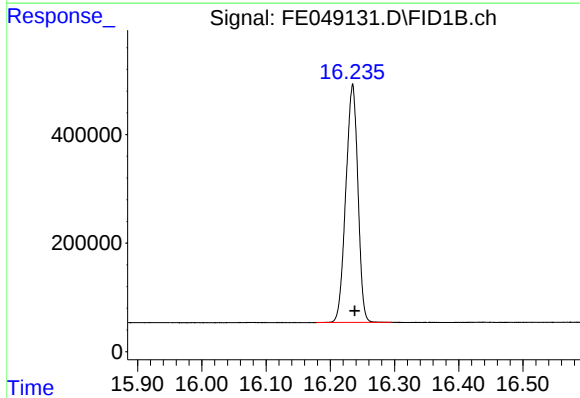
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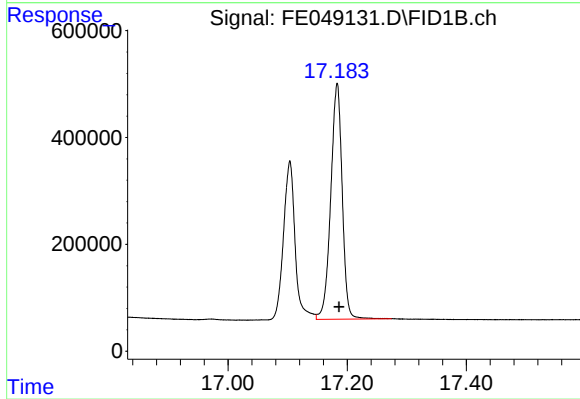
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.010 min
Response: 11008212
Conc: 73.25 ug/ml



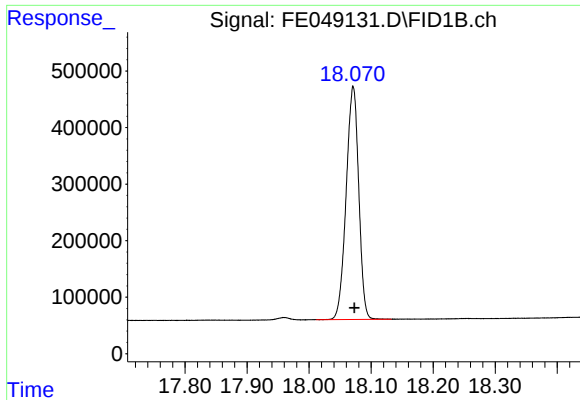
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.003 min
Response: 5735021
Conc: 38.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: -0.003 min
Response: 5902764
Conc: 40.93 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: -0.002 min
Response: 580009
Conc: 39.64 ug/ml

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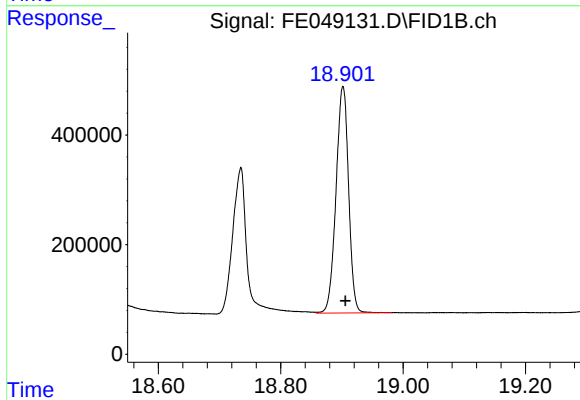
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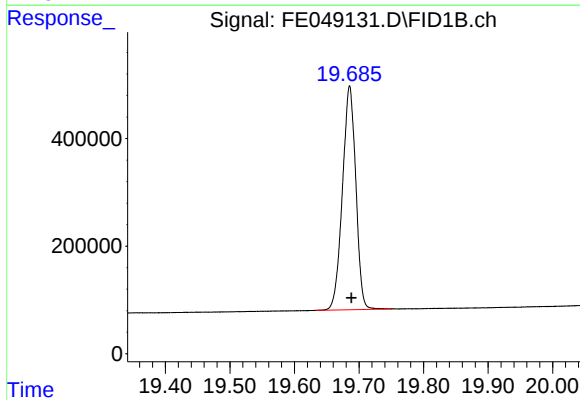
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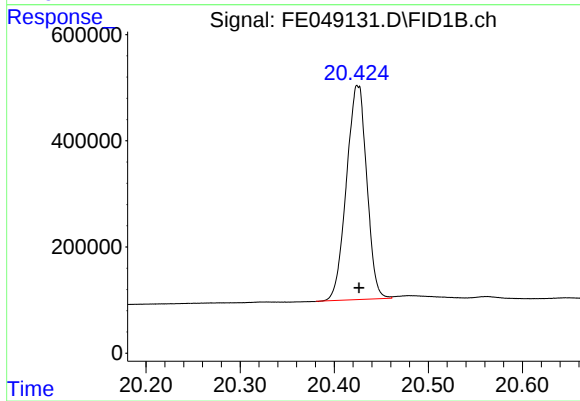
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.004 min
Response: 5896004
Conc: 41.24 ug/ml



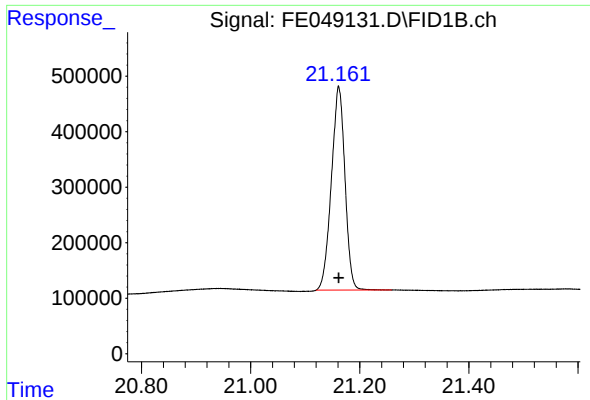
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.003 min
Response: 5996940
Conc: 43.34 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.424 min
Delta R.T.: -0.003 min
Response: 6052856
Conc: 46.57 ug/ml m



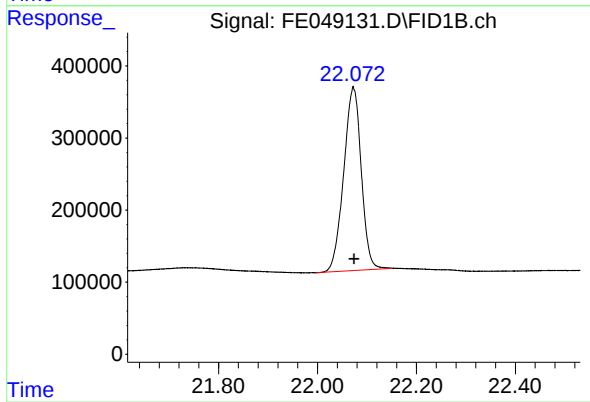
#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: 0.000 min
Response: 6334342
Conc: 49.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.002 min
Response: 6258492
Conc: 51.11 ug/ml m