

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041124AL\
 Data File : FE047564.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2024 09:28
 Operator : YP\AJ
 Sample : P2038-01DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 12 01:19:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.990	470642	2.713 ug/ml
Spiked Amount 50.000		Recovery =	5.43%
12) S 1-chlorooctadecane (S...	13.410	534762	3.976 ug/ml
Spiked Amount 50.000		Recovery =	7.95%
Target Compounds			
7) T n-Hexadecane (C16)	10.223	44886	0.270 ug/ml
8) T n-Octadecane (C18)	11.667	41999	0.250 ug/ml
10) T n-Eicosane (C20)	12.978	59599	0.368 ug/ml
14) T n-Tetracosane (C24)	15.269	181600	1.100 ug/ml
15) T n-Hexacosane (C26)	16.301	27602	0.167 ug/ml
16) T n-Octacosane (C28)	17.276	92800	0.560 ug/ml
17) T n-Tricontane (C30)	18.140	275051	1.620 ug/ml
18) T n-Dotriacontane (C32)	18.971	94470	0.567 ug/ml
19) T n-Tetratriacontane (C34)	19.759	119390	0.744 ug/ml
20) T n-Hexatriacontane (C36)	20.505	67907	0.426 ug/ml
21) T n-Octatriacontane (C38)	21.254	772	0.005 ug/ml

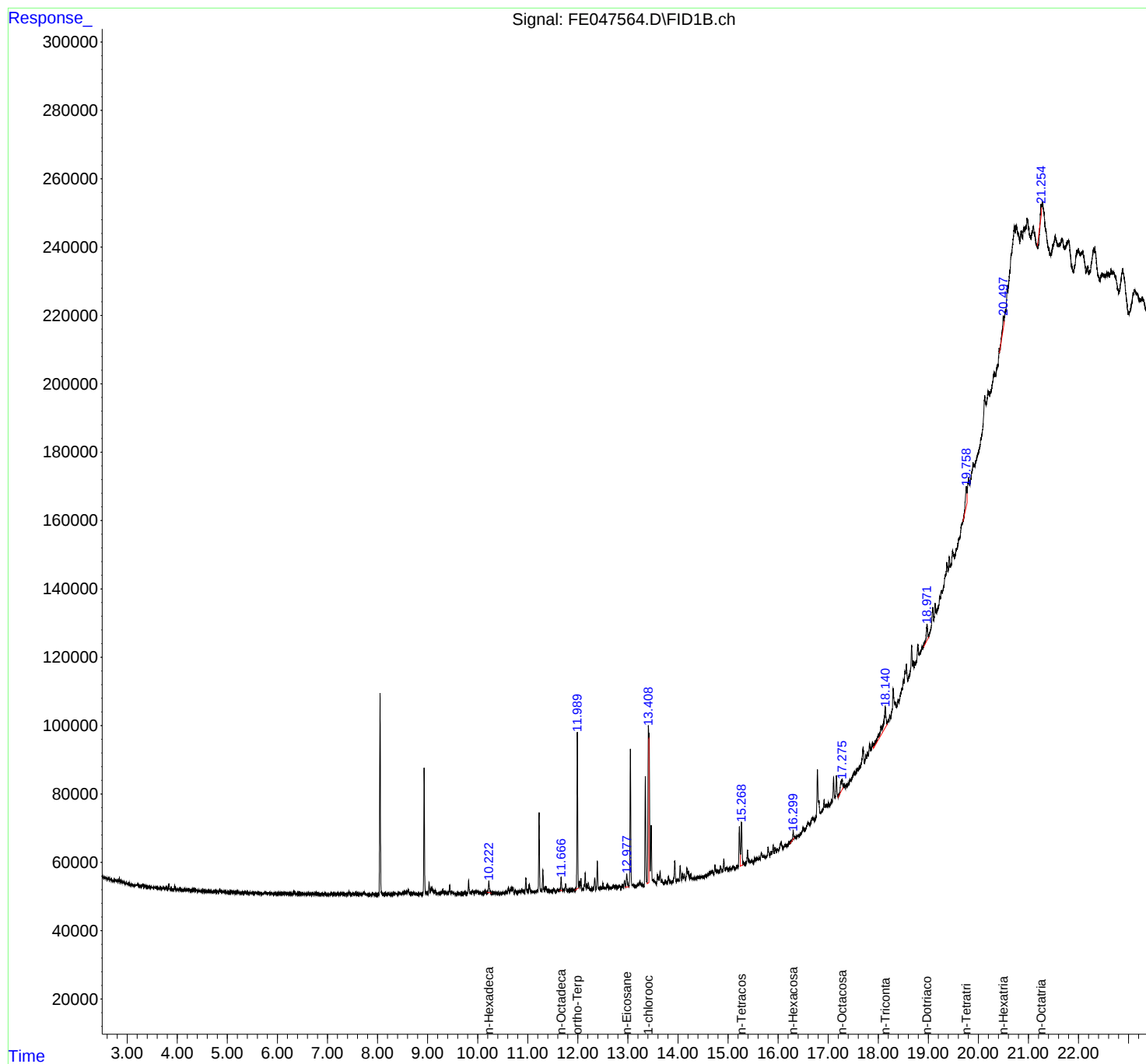
(f)=RT Delta > 1/2 Window

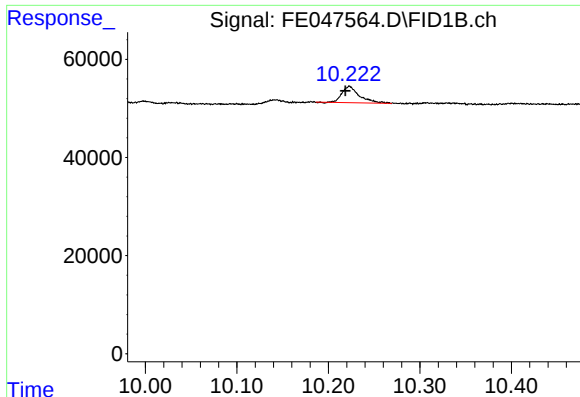
(m)=manual int.

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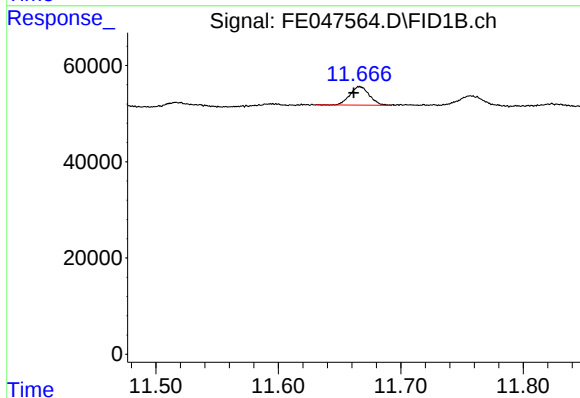
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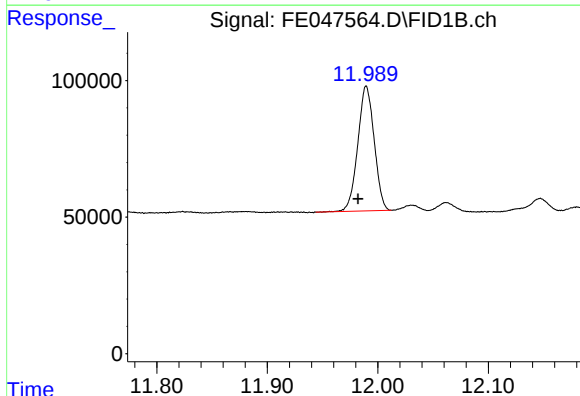
#7 n-Hexadecane (C16)

R.T.: 10.223 min
Delta R.T.: 0.004 min
Response: 44886
Conc: 0.27 ug/ml



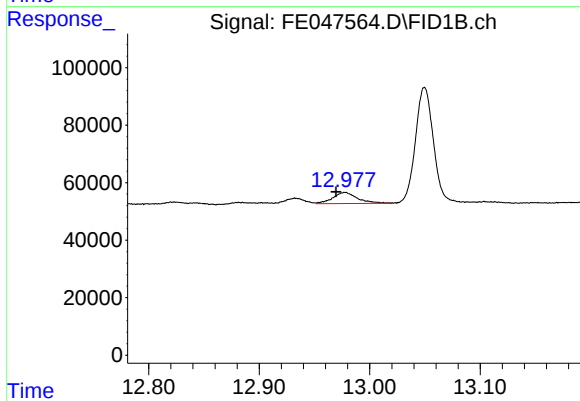
#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: 0.005 min
Response: 41999
Conc: 0.25 ug/ml



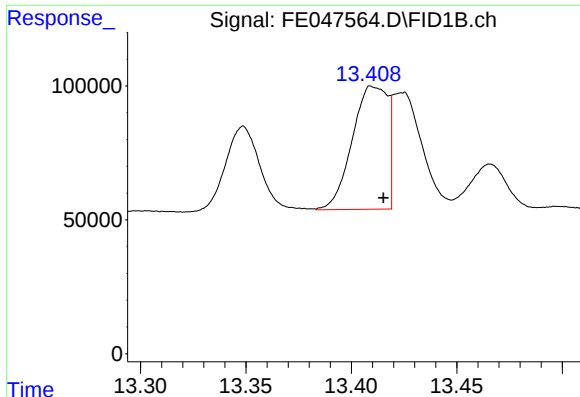
#9 ortho-Terphenyl (SURR)

R.T.: 11.990 min
Delta R.T.: 0.008 min
Response: 470642
Conc: 2.71 ug/ml



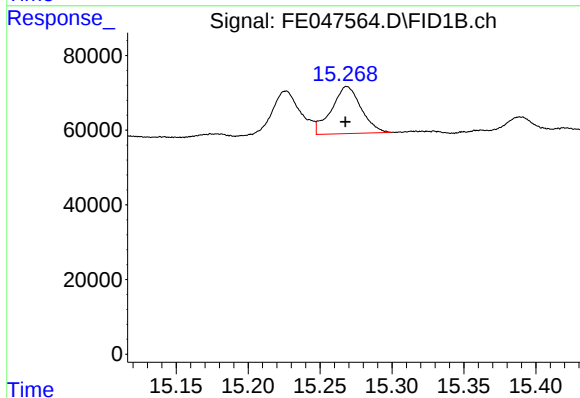
#10 n-Eicosane (C20)

R.T.: 12.978 min
Delta R.T.: 0.008 min
Response: 59599
Conc: 0.37 ug/ml



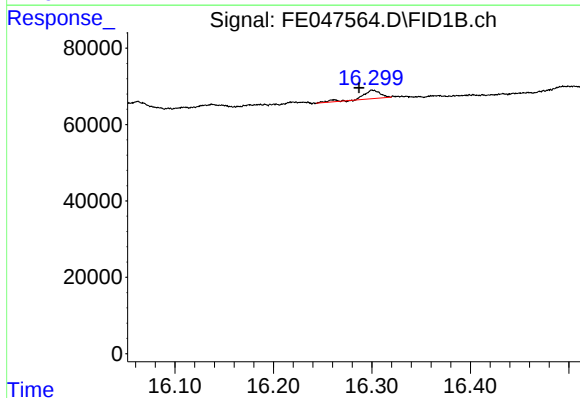
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.005 min
Response: 534762
Conc: 3.98 ug/ml



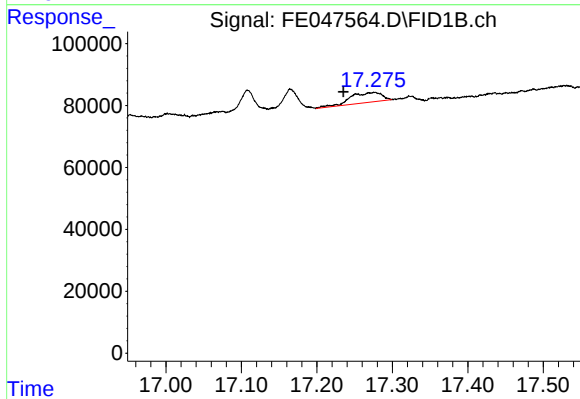
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.000 min
Response: 181600
Conc: 1.10 ug/ml



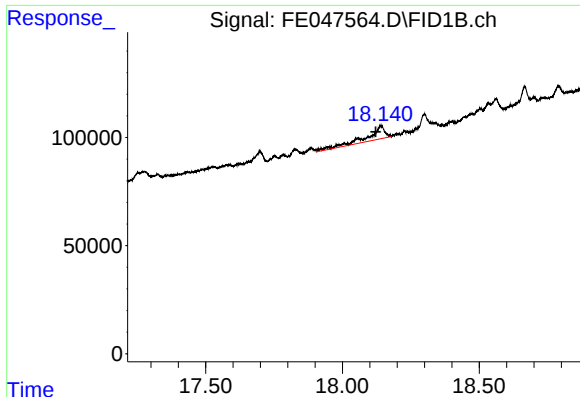
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.014 min
Response: 27602
Conc: 0.17 ug/ml



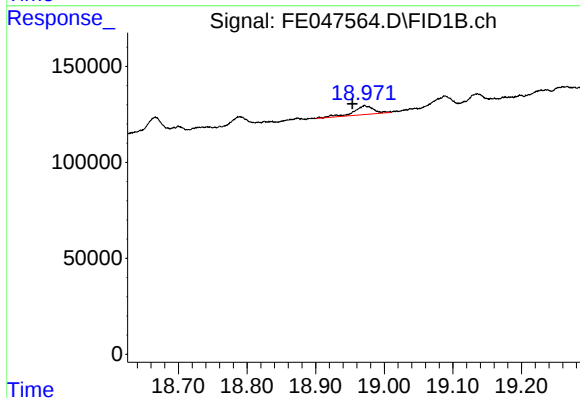
#16 n-Octacosane (C28)

R.T.: 17.276 min
Delta R.T.: 0.041 min
Response: 92800
Conc: 0.56 ug/ml



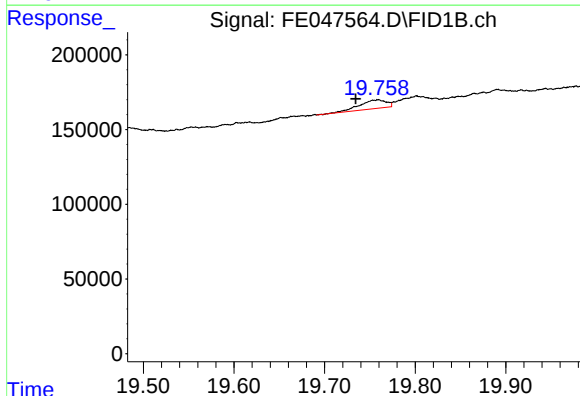
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: 0.017 min
Response: 275051
Conc: 1.62 ug/ml



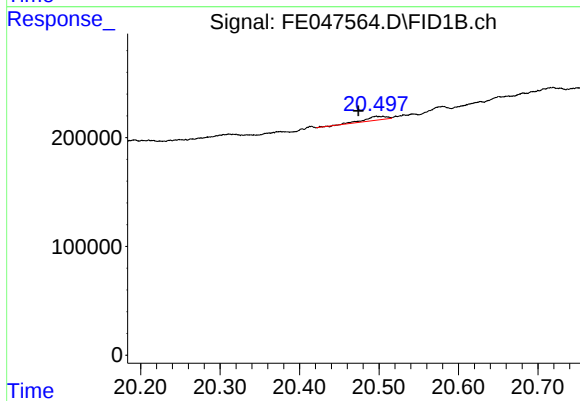
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: 0.018 min
Response: 94470
Conc: 0.57 ug/ml



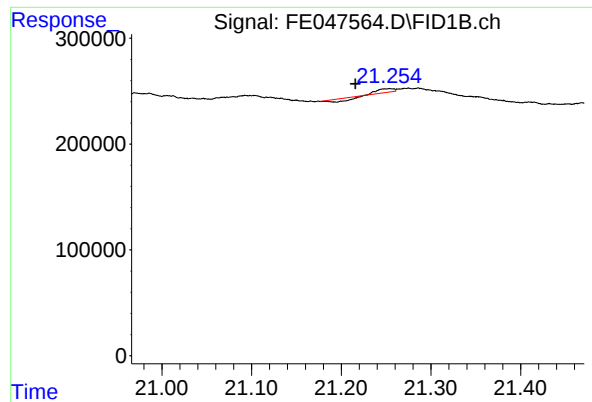
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: 0.025 min
Response: 119390
Conc: 0.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.505 min
Delta R.T.: 0.031 min
Response: 67907
Conc: 0.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.254 min
Delta R.T.: 0.038 min
Response: 772
Conc: 0.00 ug/ml